

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
 Data File : VU046881.D
 Acq On : 27 Jan 2022 19:51
 Operator : SY/MD
 Sample : N1273-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HK7

Quant Time: Jan 28 01:03:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 28 00:56:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	110135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34557	3.959	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.919	69	30811	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.575	65	14064	4.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.642	46	113434	43.869	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.740%
24) Chloroform-d	5.066	84	70132	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.706	65	38922	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.732	84	135819	4.196	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
36) 1,2-Dichloropropane-d6	6.693	67	43869	4.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.899	98	107140	3.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.179	79	14457	3.387	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.800%
46) 2-Hexanone-d5	8.636	63	97278	38.492	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	40209	4.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	42476	4.480	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.530	50	4349	0.545	ug/L	97
5) Vinyl chloride	1.610	62	241870	29.116	ug/L	99
8) Chloroethane	1.739	64	49577	10.368	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	369	0.061	ug/L #	21
12) 1,1-Dichloroethene	2.587	96	5813	1.011	ug/L #	1
15) Methyl Acetate	2.973	43	1101	0.358	ug/L #	51
18) trans-1,2-Dichloroethene	3.362	96	970	0.156	ug/L	88
19) 1,1-Dichloroethane	3.877	63	23171	2.216	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	252048	38.354	ug/L	99
33) Benzene	5.777	78	23613	0.911	ug/L	100
34) Trichloroethene	6.546	95	34915	5.186	ug/L	99
35) Methylcyclohexane	6.693	83	9970	0.884	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	4545	0.714	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	912	0.092	ug/L #	47
42) Toluene	7.973	91	6609	0.213	ug/L	96
47) Tetrachloroethene	8.555	164	34360	6.275	ug/L	94
49) Dibromochloromethane	8.555	129	33704	5.280	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6150	1.436	ug/L #	68
68) 1,2-Dibromo-3-chloropr...	12.777	75	146	0.164	ug/L #	7

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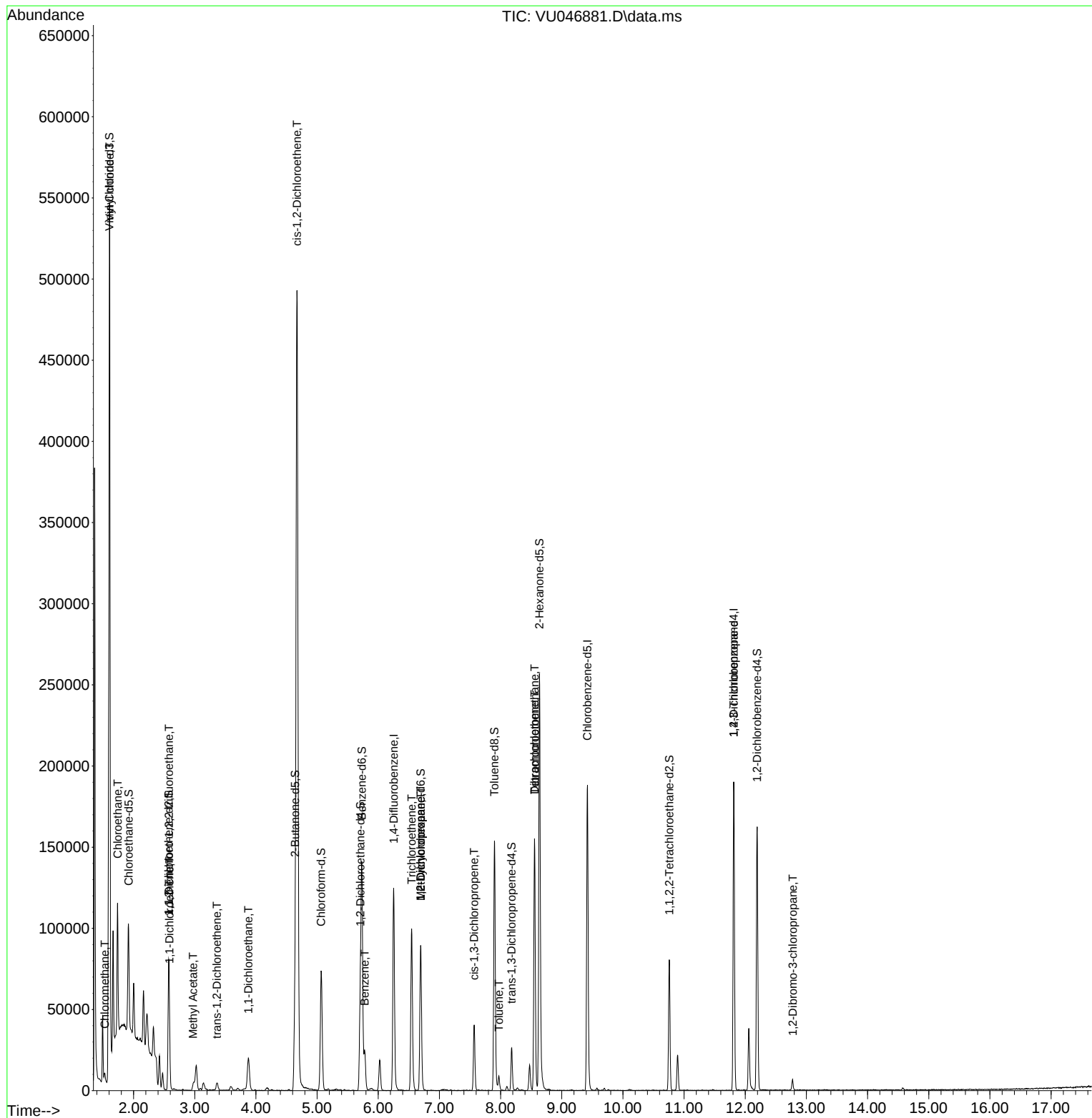
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

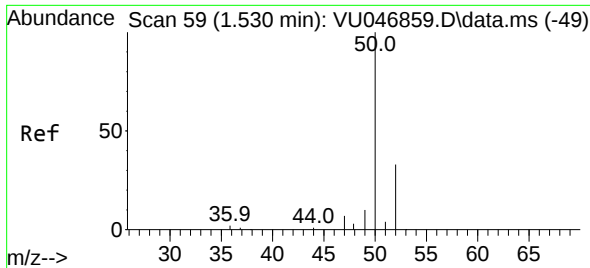
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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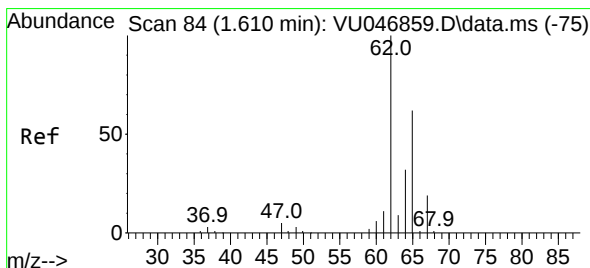
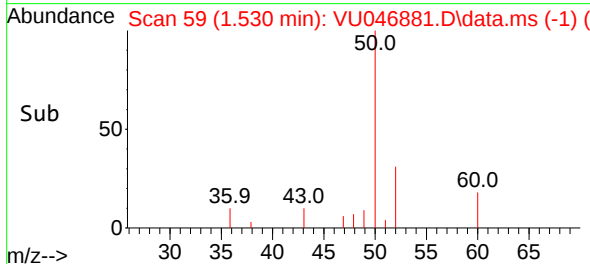
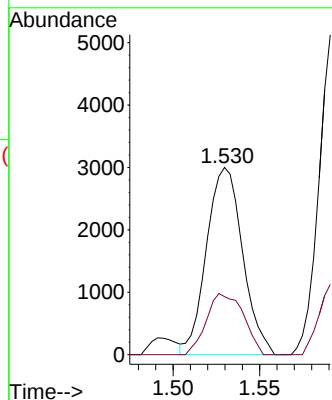
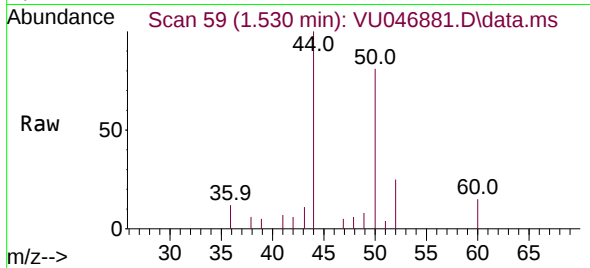




#3
Chloromethane
Concen: 0.545 ug/L
RT: 1.530 min Scan# 59
Delta R.T. -0.000 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

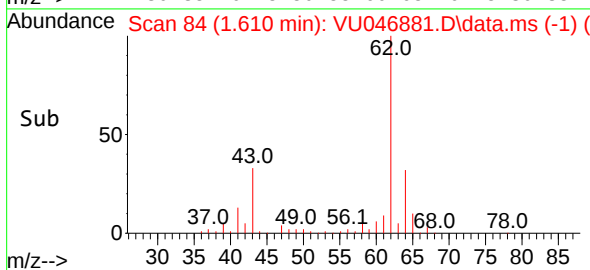
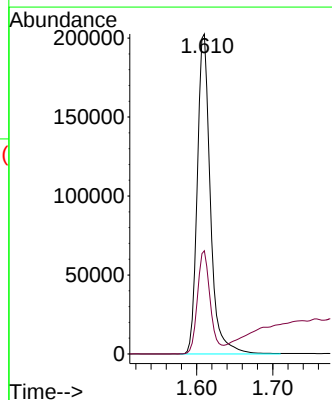
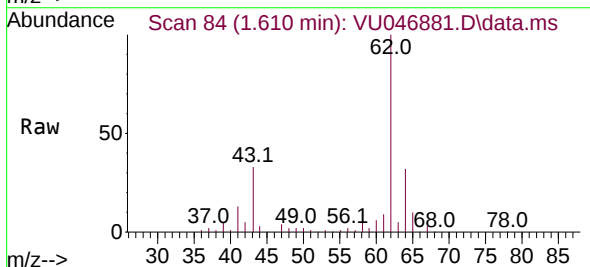
Instrument :
MSVOA_U
ClientSampleId :
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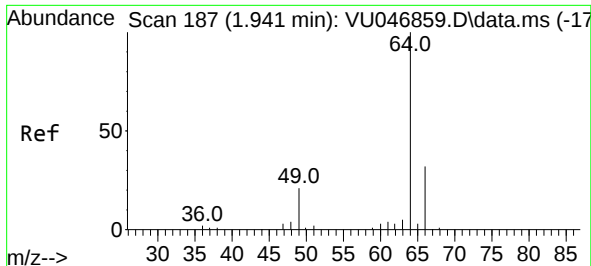
Tgt Ion: 50 Resp: 4349
Ion Ratio Lower Upper
50 100
52 31.1 23.0 42.8



#5
Vinyl chloride
Concen: 29.116 ug/L
RT: 1.610 min Scan# 84
Delta R.T. -0.000 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

Tgt Ion: 62 Resp: 241870
Ion Ratio Lower Upper
62 100
64 32.3 22.9 42.5

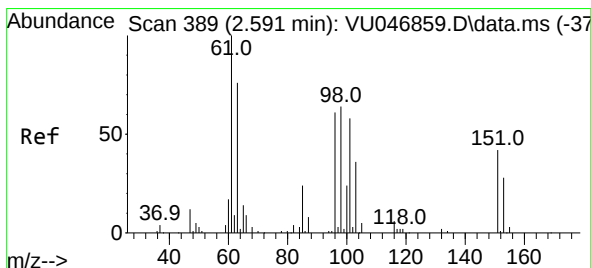
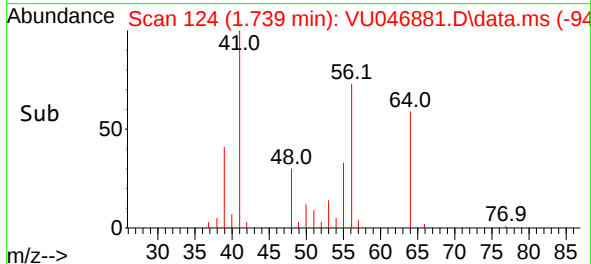
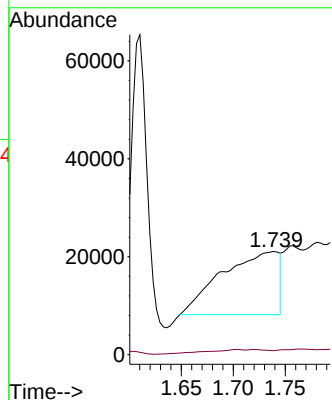
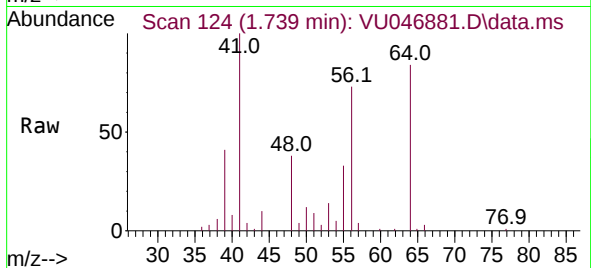




#8
Chloroethane
Concen: 10.368 ug/L
RT: 1.739 min Scan# 11
Delta R.T. -0.203 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

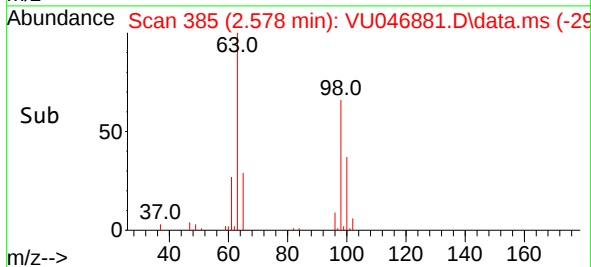
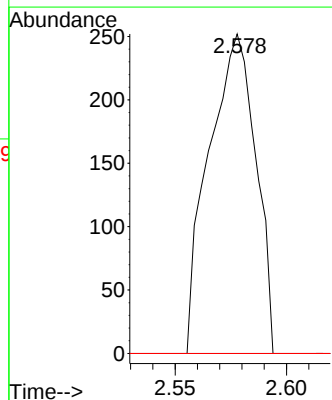
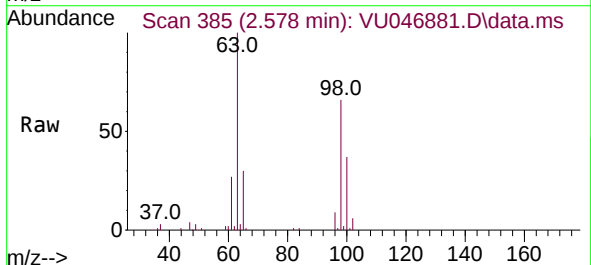
Instrument :
MSVOA_U
ClientSampleId :
C0HK7

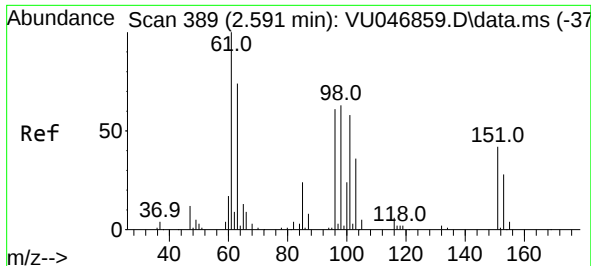
Tgt Ion: 64 Resp: 49577
Ion Ratio Lower Upper
64 100
66 3.8 22.1 41.1#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.061 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.013 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

Tgt Ion:101 Resp: 369
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 1.011 ug/L

RT: 2.587 min Scan# 389

Delta R.T. -0.003 min

Lab File: VU046881.D

Acq: 27 Jan 2022 19:51

Instrument :

MSVOA_U

ClientSampleId :

C0HK7

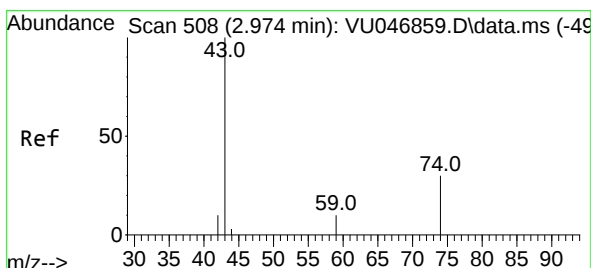
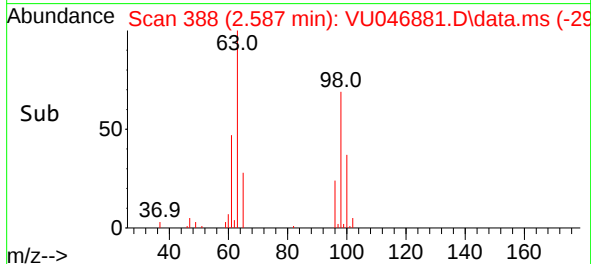
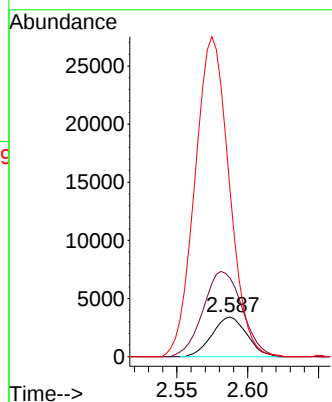
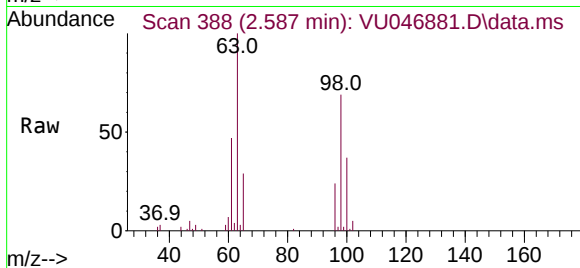
Tgt Ion: 96 Resp: 5813

Ion Ratio Lower Upper

96 100

61 198.2 124.7 231.5

63 421.5 105.2 195.4#



#15

Methyl Acetate

Concen: 0.358 ug/L

RT: 2.973 min Scan# 508

Delta R.T. -0.000 min

Lab File: VU046881.D

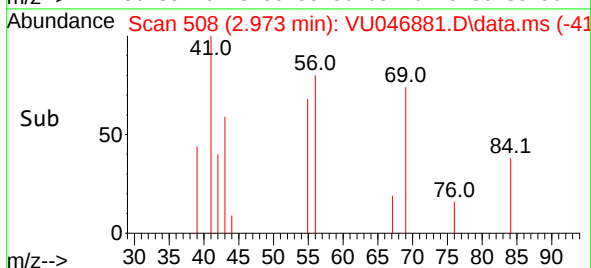
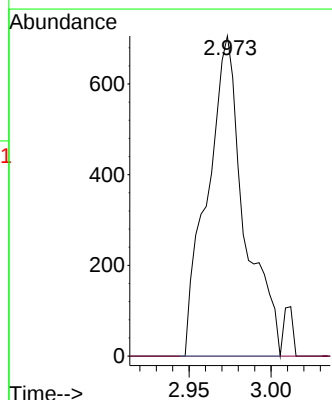
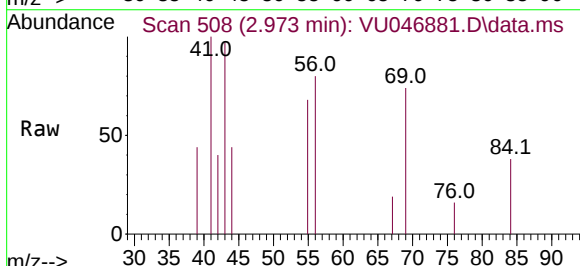
Acq: 27 Jan 2022 19:51

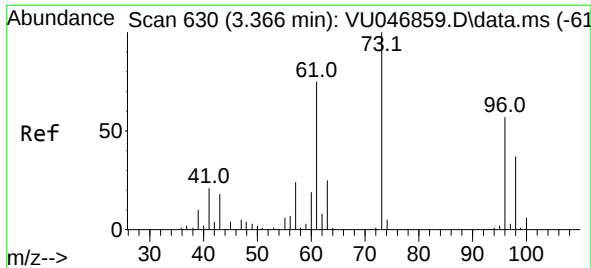
Tgt Ion: 43 Resp: 1101

Ion Ratio Lower Upper

43 100

74 0.0 19.1 28.7#

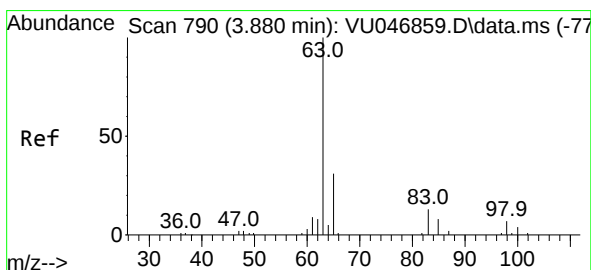
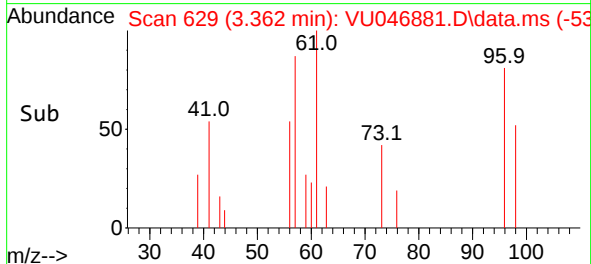
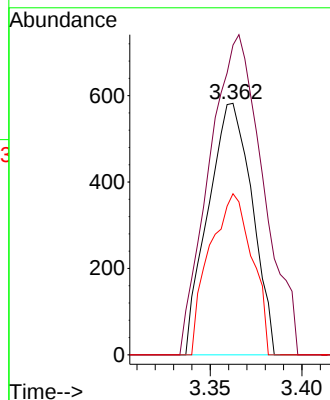
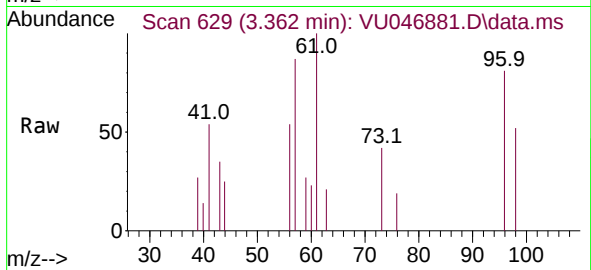




#18
trans-1,2-Dichloroethene
Concen: 0.156 ug/L
RT: 3.362 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

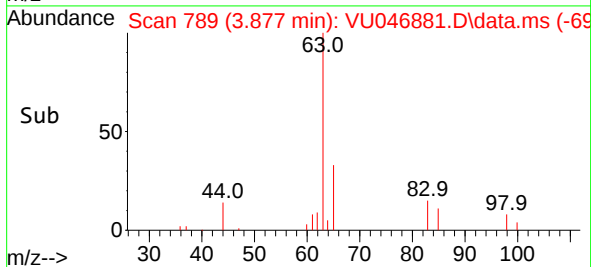
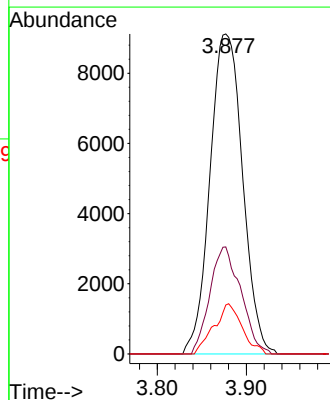
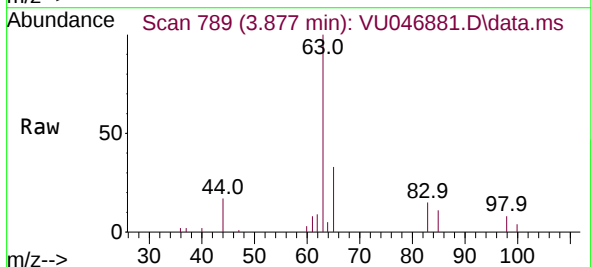
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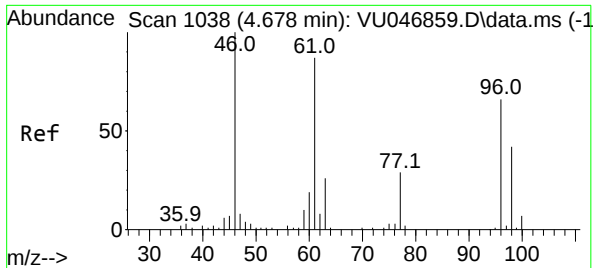
Tgt Ion: 96 Resp: 970
Ion Ratio Lower Upper
96 100
61 123.2 100.8 187.2
98 64.1 45.1 83.7



#19
1,1-Dichloroethane
Concen: 2.216 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.003 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

Tgt Ion: 63 Resp: 23171
Ion Ratio Lower Upper
63 100
65 33.4 22.3 41.5
83 15.3 9.6 17.8

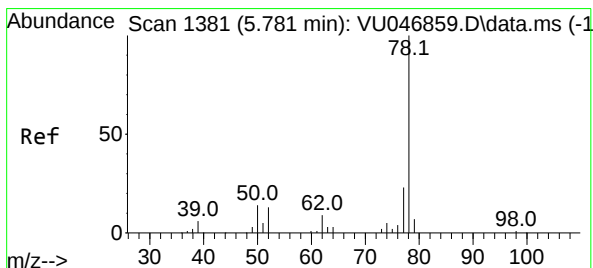
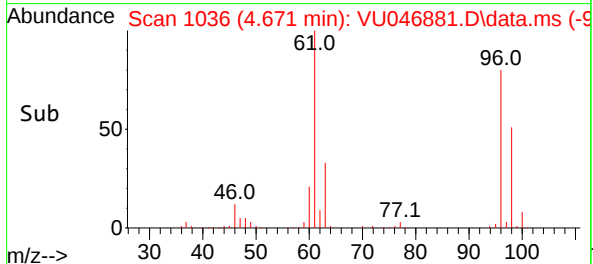
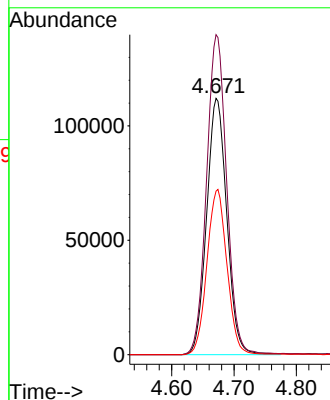
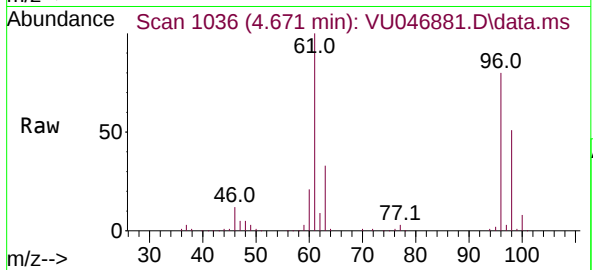




#22
 cis-1,2-Dichloroethene
 Concen: 38.354 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.007 min
 Lab File: VU046881.D
 Acq: 27 Jan 2022 19:51

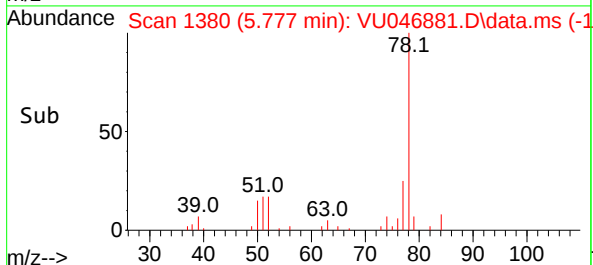
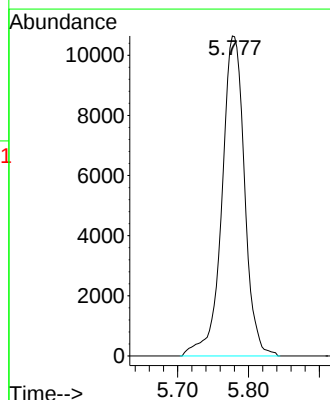
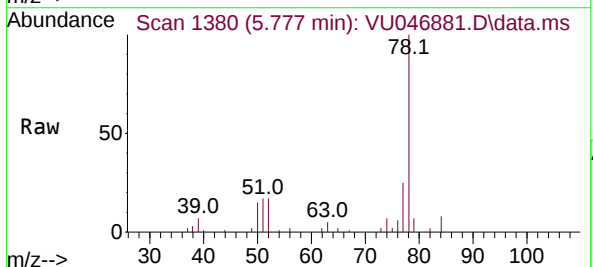
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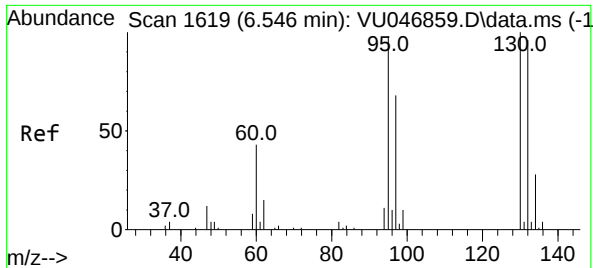
Tgt Ion: 96 Resp: 252048
 Ion Ratio Lower Upper
 96 100
 61 124.8 88.5 164.3
 98 63.8 44.4 82.5



#33
 Benzene
 Concen: 0.911 ug/L
 RT: 5.777 min Scan# 1380
 Delta R.T. -0.003 min
 Lab File: VU046881.D
 Acq: 27 Jan 2022 19:51

Tgt Ion: 78 Resp: 23613

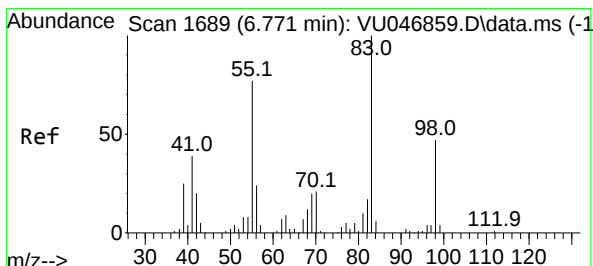
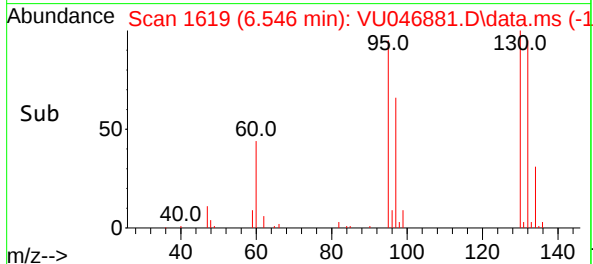
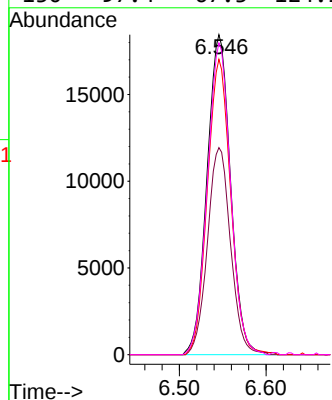
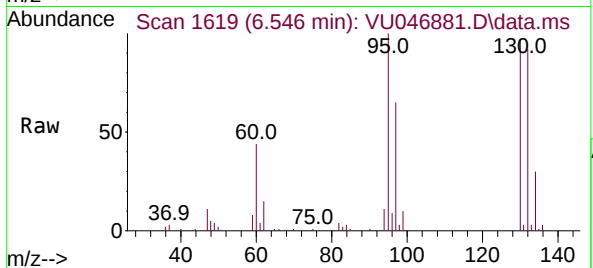




#34
Trichloroethene
Concen: 5.186 ug/L
RT: 6.546 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

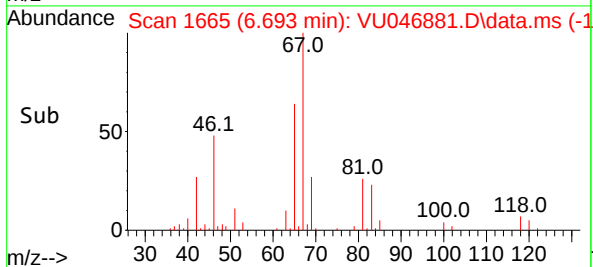
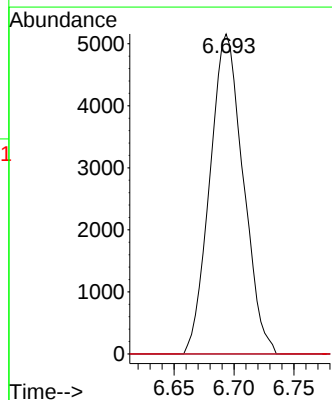
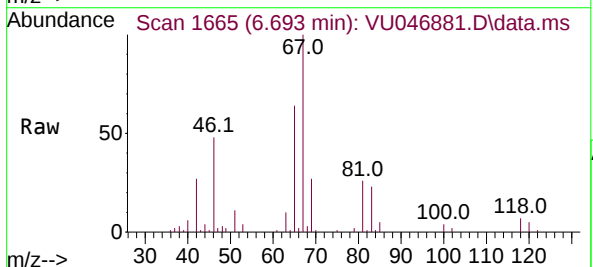
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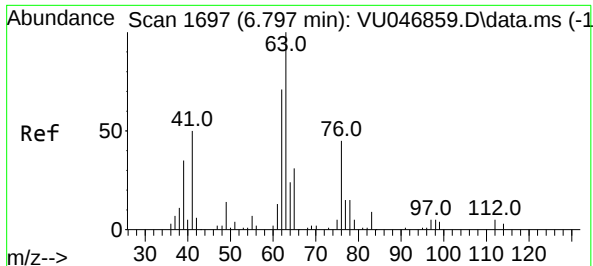
Tgt Ion: 95 Resp: 34915
Ion Ratio Lower Upper
95 100
97 64.7 46.5 86.5
132 92.3 65.1 120.9
130 97.4 67.3 124.9



#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.077 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

Tgt Ion: 83 Resp: 9970
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.714 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046881.D

Acq: 27 Jan 2022 19:51

Instrument :

MSVOA_U

ClientSampleId :

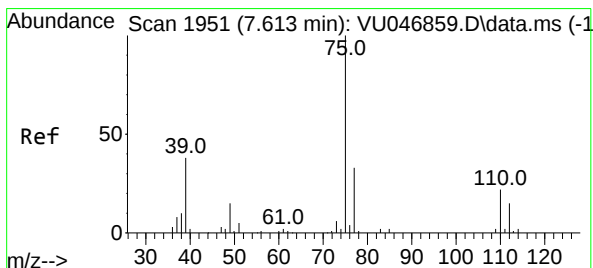
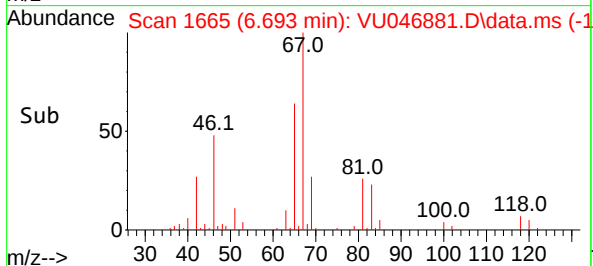
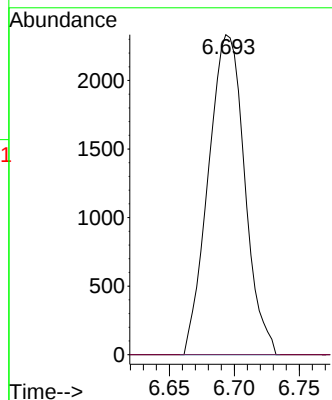
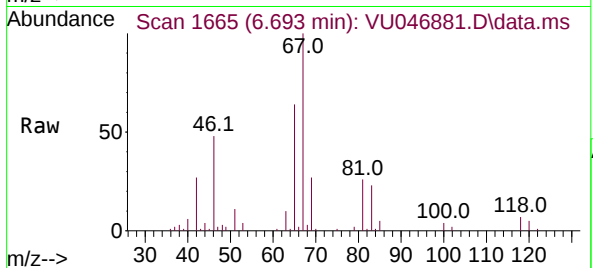
C0HK7

Tgt Ion: 63 Resp: 4545

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.045 min

Lab File: VU046881.D

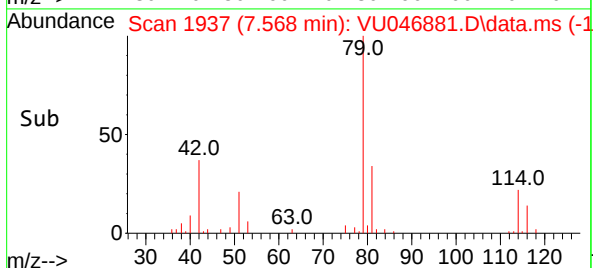
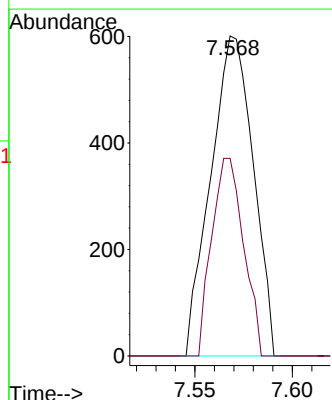
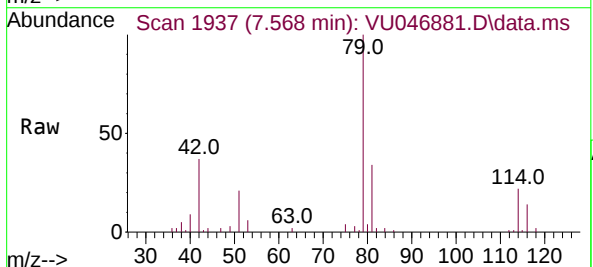
Acq: 27 Jan 2022 19:51

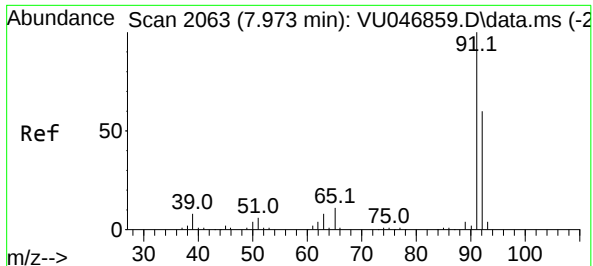
Tgt Ion: 75 Resp: 912

Ion Ratio Lower Upper

75 100

77 61.7 22.5 41.9#

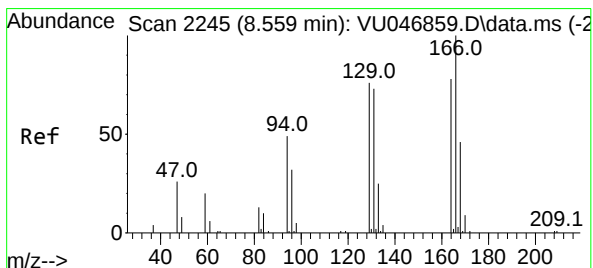
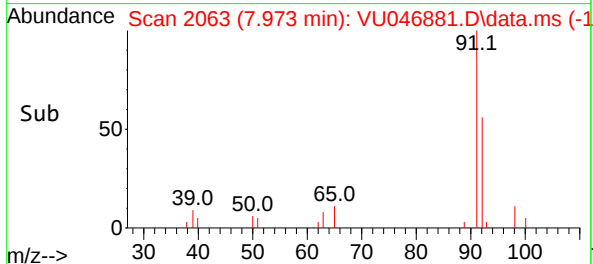
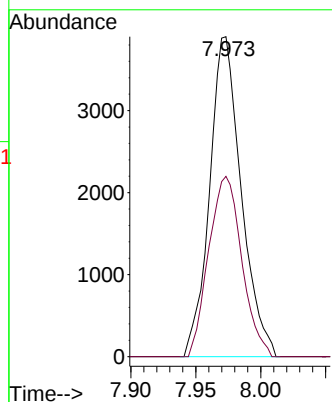
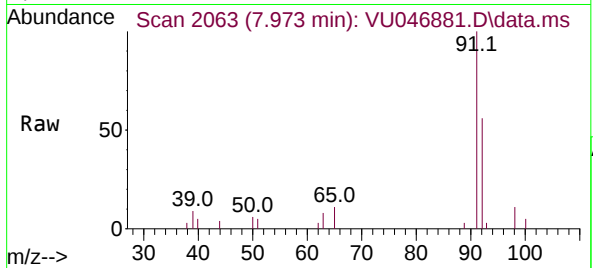




#42
Toluene
Concen: 0.213 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

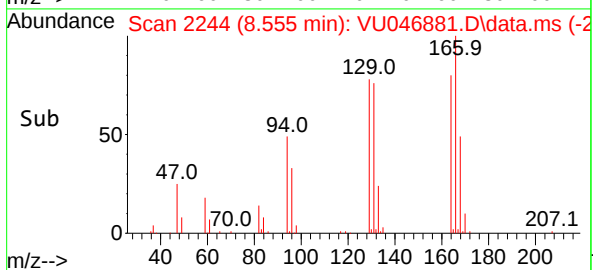
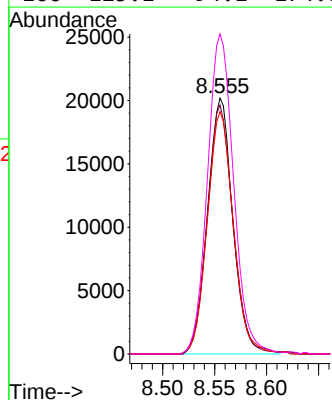
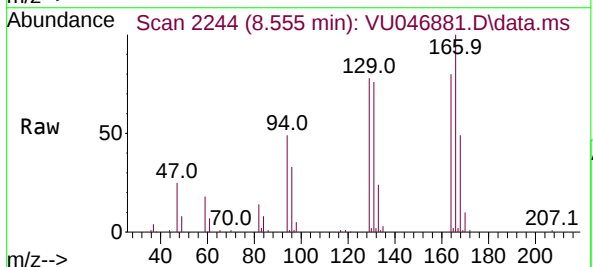
Instrument :
MSVOA_U
ClientSampleId :
C0HK7

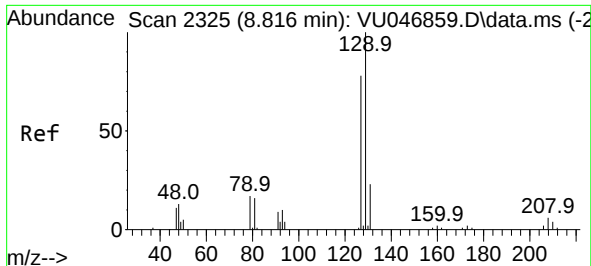
Tgt Ion: 91 Resp: 6609
Ion Ratio Lower Upper
91 100
92 56.3 41.3 76.7



#47
Tetrachloroethene
Concen: 6.275 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

Tgt Ion: 164 Resp: 34360
Ion Ratio Lower Upper
164 100
129 97.3 71.8 133.4
131 94.7 68.5 127.3
166 125.1 94.1 174.8

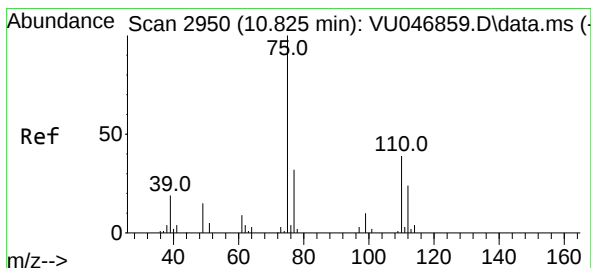
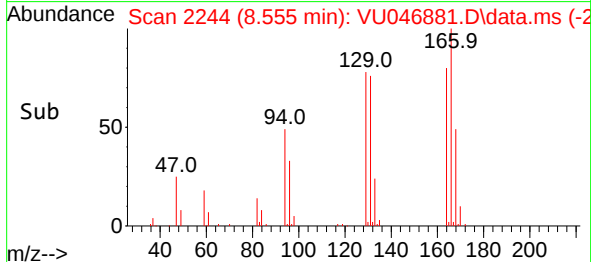
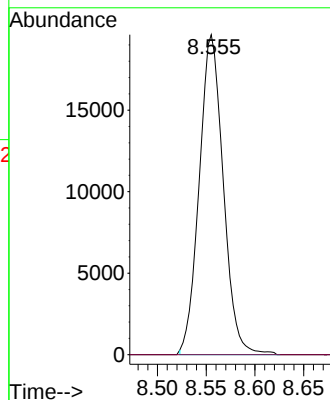
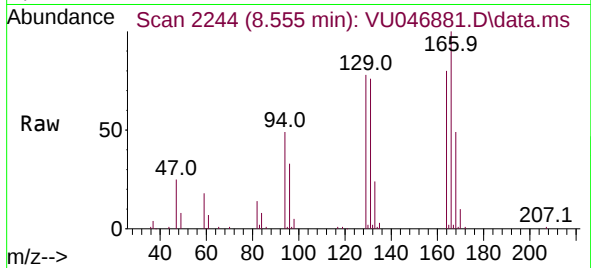




#49
Dibromochloromethane
Concen: 5.280 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.261 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

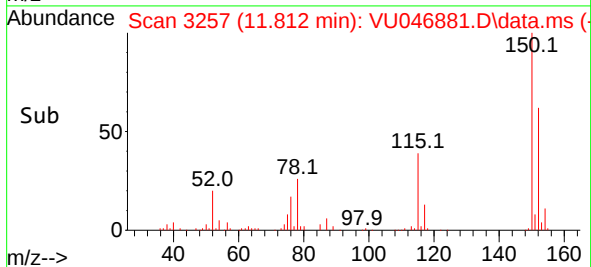
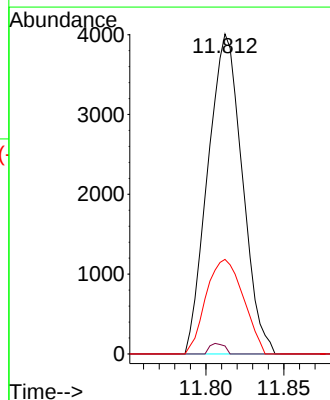
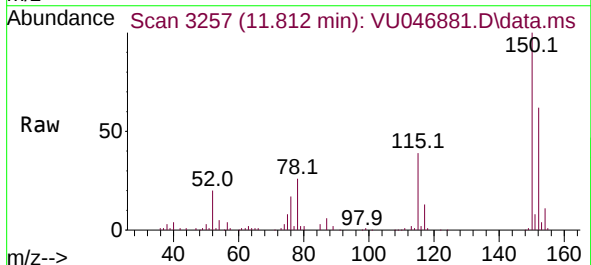
Instrument :
MSVOA_U
ClientSampleId :
C0HK7

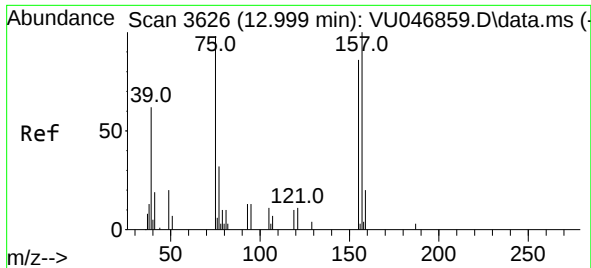
Tgt Ion:129 Resp: 33704
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.436 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

Tgt Ion: 75 Resp: 6150
Ion Ratio Lower Upper
75 100
110 1.4 29.9 44.9#
77 32.0 25.5 38.3





#68

1,2-Dibromo-3-chloropropane

Concen: 0.164 ug/L

RT: 12.777 min Scan# 31

Delta R.T. -0.222 min

Lab File: VU046881.D

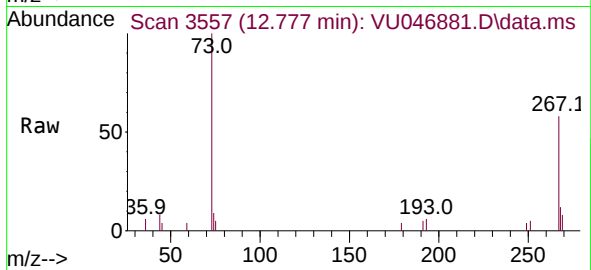
Acq: 27 Jan 2022 19:51

Instrument :

MSVOA_U

ClientSampleId :

C0HK7



Tgt Ion: 75 Resp: 146

Ion Ratio Lower Upper

75 100

155 0.0 59.2 88.8#

157 0.0 76.5 114.7#

