

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)

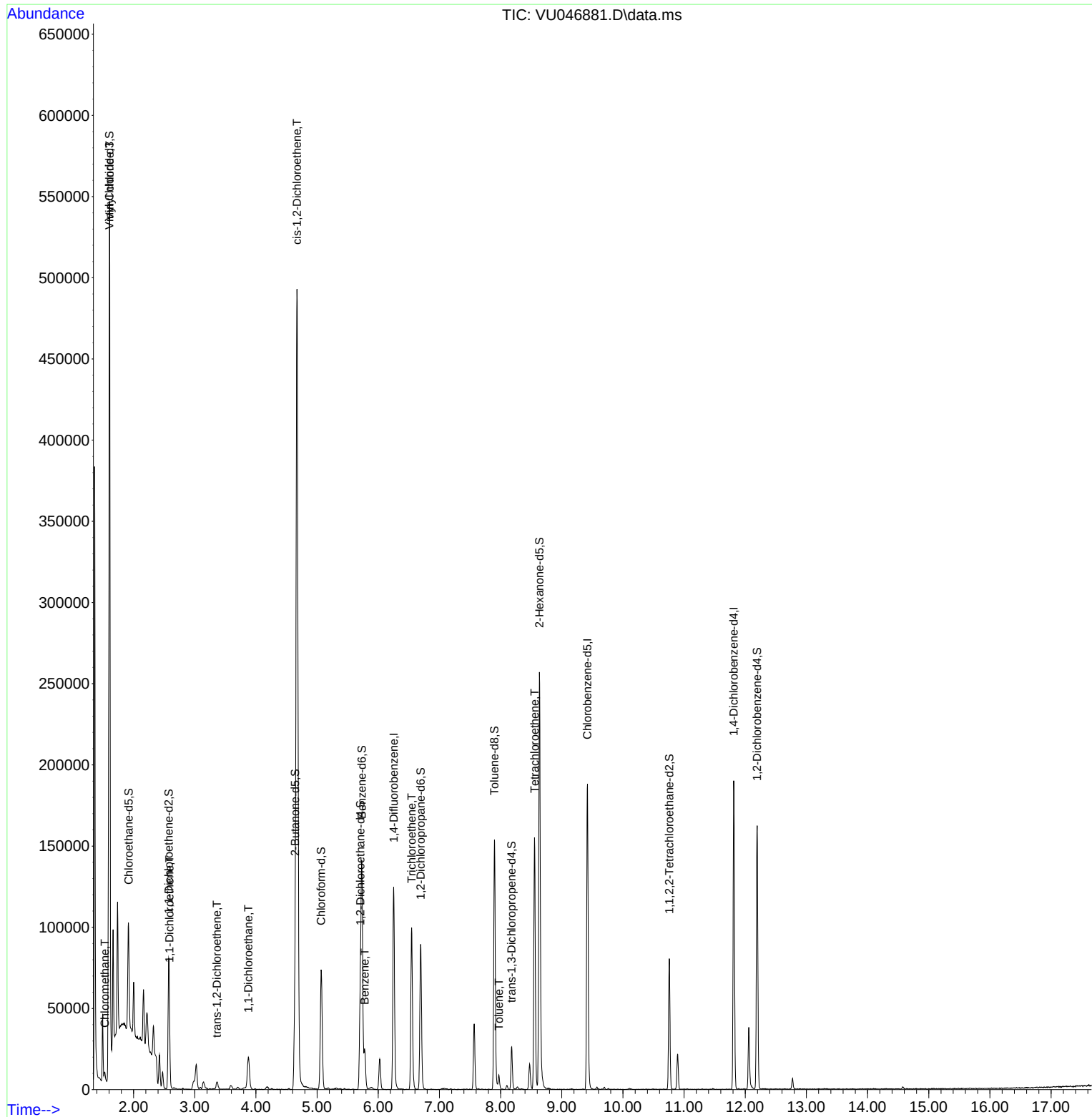
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103006	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	110135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50557	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	34557	3.959	ug/L	0.00
Spiked Amount	5.000	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
12) 1,1-Dichloroethene	2.587	96	5813	1.011	ug/L #	1
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
42) Toluene	7.973	91	6609	0.213	ug/L	96
47) Tetrachloroethene	8.555	164	34360	6.275	ug/L	94

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

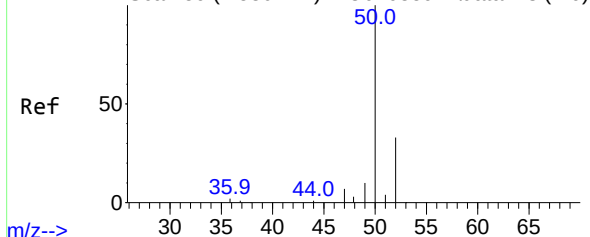
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012722\
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Response via : Initial Calibration



Abundance Scan 59 (1.530 min): VU046859.D\data.ms (-49)



#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 :

C0HK7

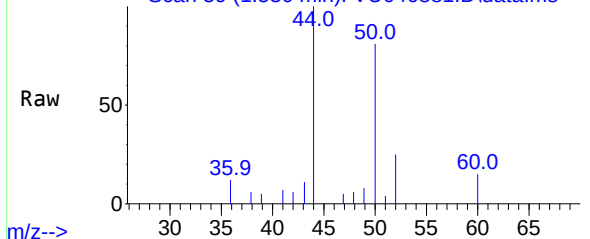
Tgt Ion: 50 Resp: 4349

Ion Ratio Lower Upper

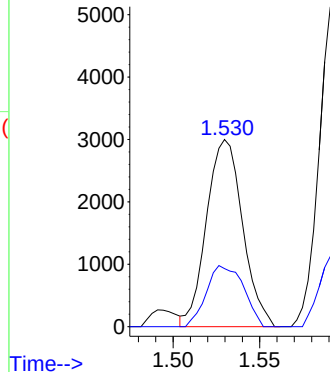
50 100

52 31.1 23.0 42.8

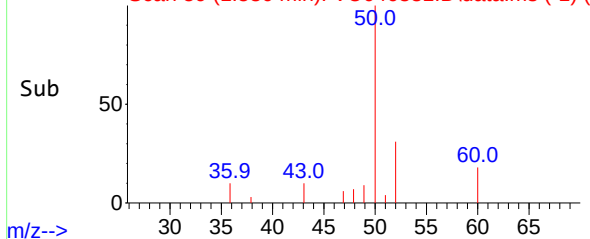
Abundance Scan 59 (1.530 min): VU046881.D\data.ms



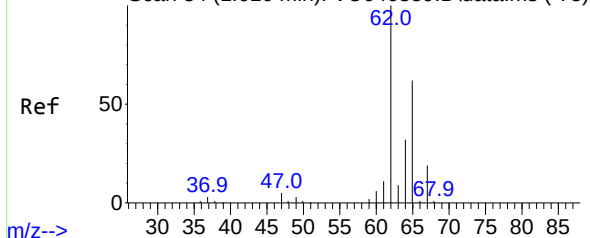
Abundance



Abundance Scan 59 (1.530 min): VU046881.D\data.ms (-1)



Abundance Scan 84 (1.610 min): VU046859.D\data.ms (-75)



#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

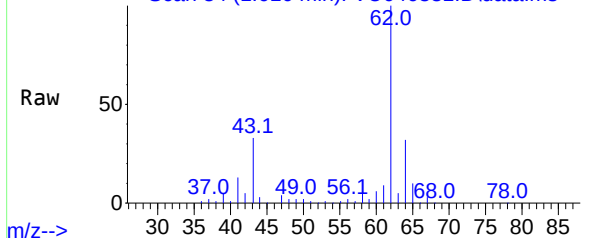
Tgt Ion: 62 Resp: 241870

Ion Ratio Lower Upper

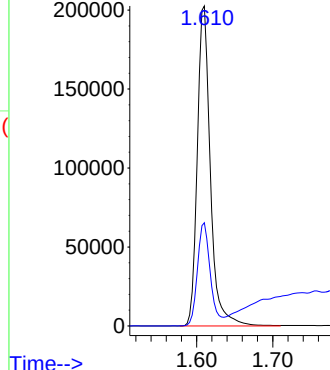
62 100

64 32.3 22.9 42.5

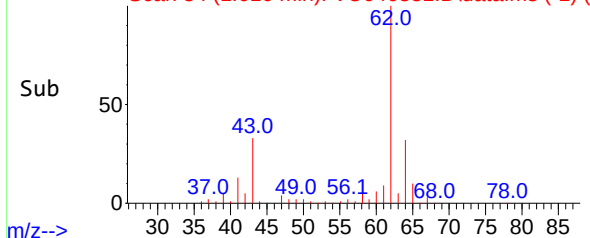
Abundance Scan 84 (1.610 min): VU046881.D\data.ms

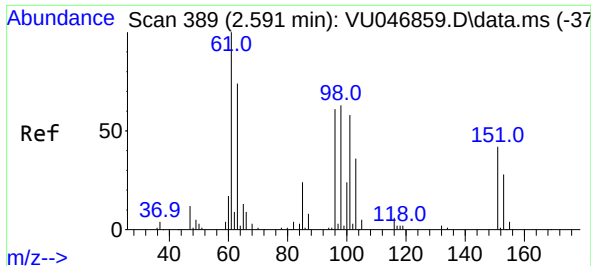


Abundance



Abundance Scan 84 (1.610 min): VU046881.D\data.ms (-1)





#12

1,1-Dichloroethene

Concen: 1.011 ug/L

RT: 2.587 min Scan# 3

Delta R.T. -0.003 min

Lab File: VU046881.D

Acq: 27 Jan 2022 19:51

Instrument :

MSVOA_U

ClientSampleId :

C0HK7

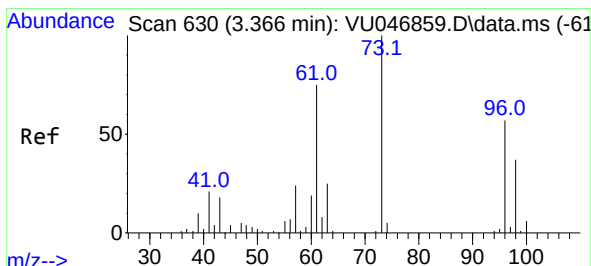
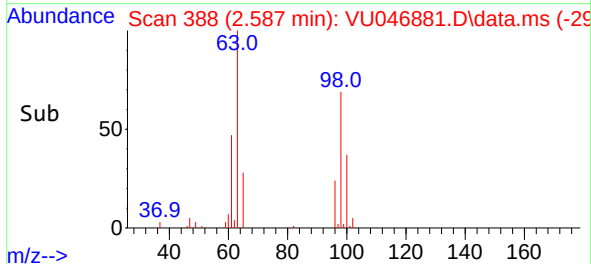
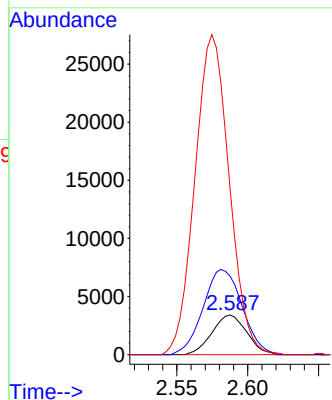
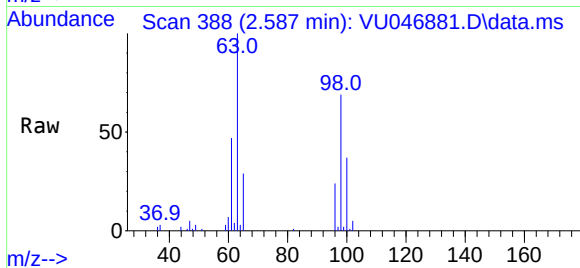
Tgt Ion: 96 Resp: 5813

Ion Ratio Lower Upper

96 100

61 198.2 124.7 231.5

63 421.5 105.2 195.4#



#18

trans-1,2-Dichloroethene

Concen: 0.156 ug/L

RT: 3.362 min Scan# 629

Delta R.T. -0.003 min

Lab File: VU046881.D

Acq: 27 Jan 2022 19:51

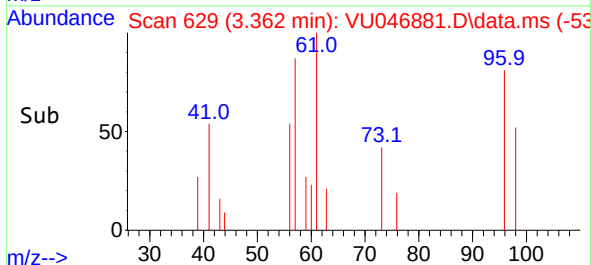
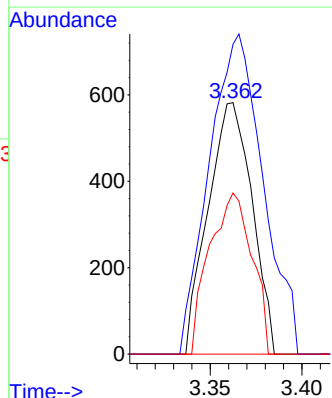
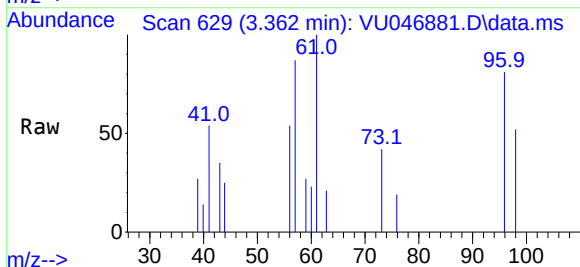
Tgt Ion: 96 Resp: 970

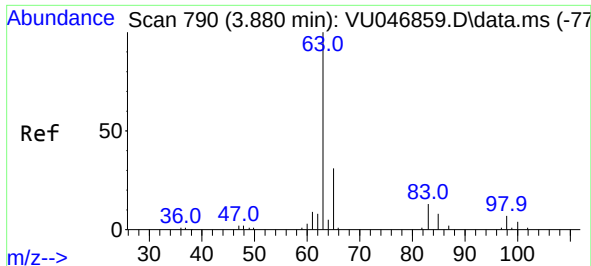
Ion Ratio Lower Upper

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# 71

Delta R.T. -0.003 min

Lab File: VU046881.D

Acq: 27 Jan 2022 19:51

Instrument :

MSVOA_U

ClientSampleId :

C0HK7

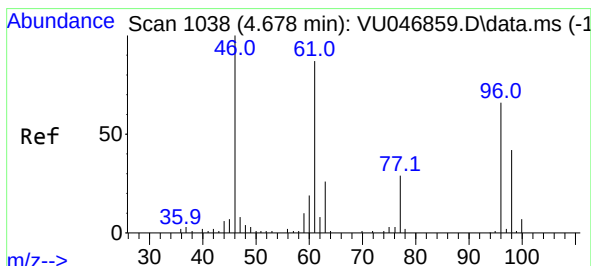
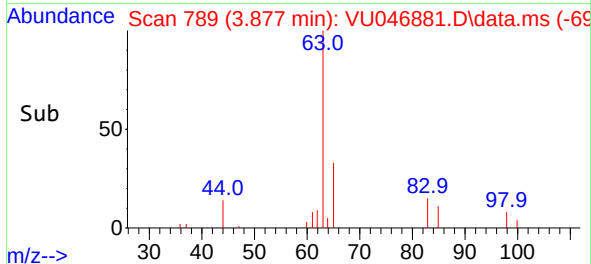
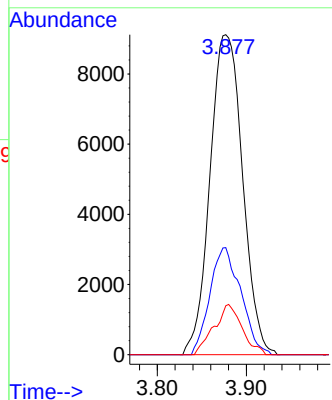
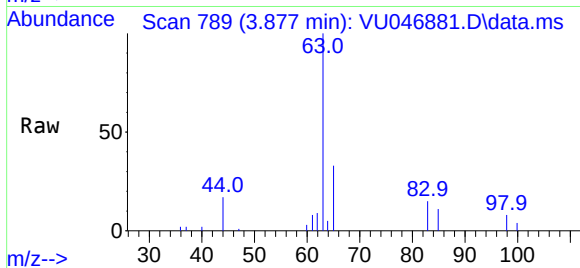
Tgt Ion: 63 Resp: 23171

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

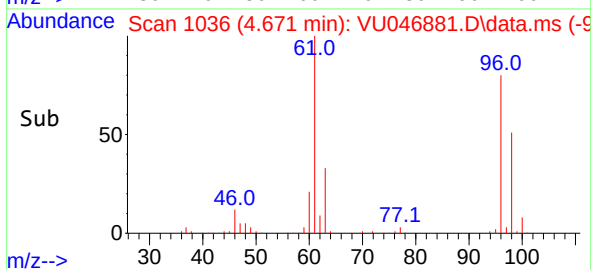
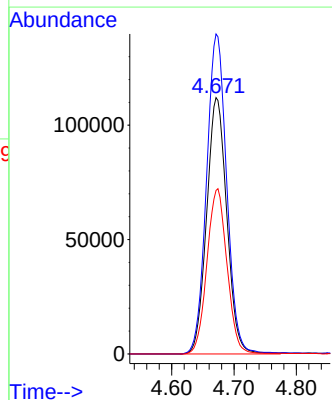
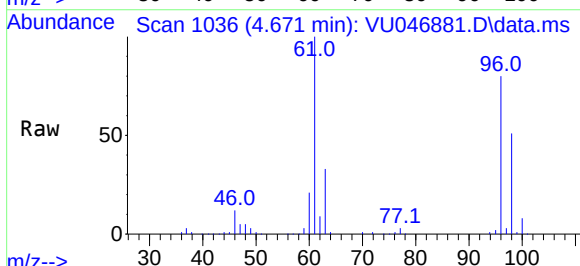
Tgt Ion: 96 Resp: 252048

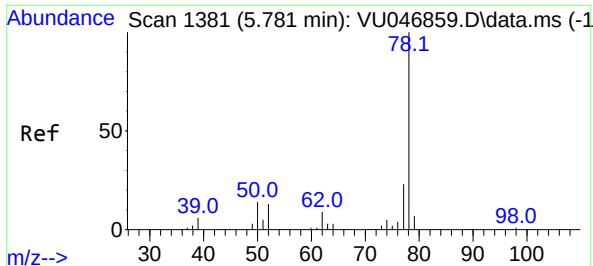
Ion Ratio Lower Upper

96 100

61 124.8 88.5 164.3

98 63.8 44.4 82.5

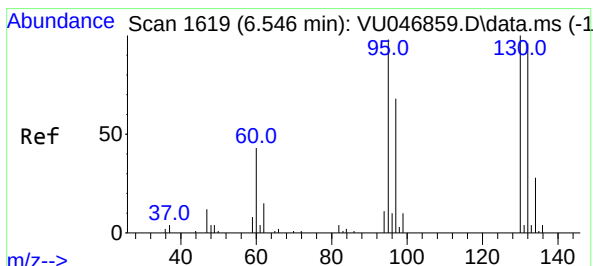
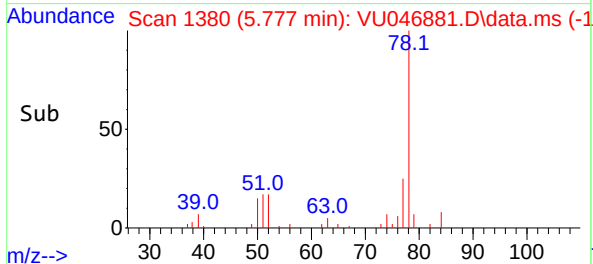
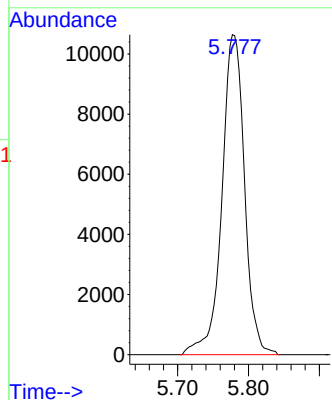
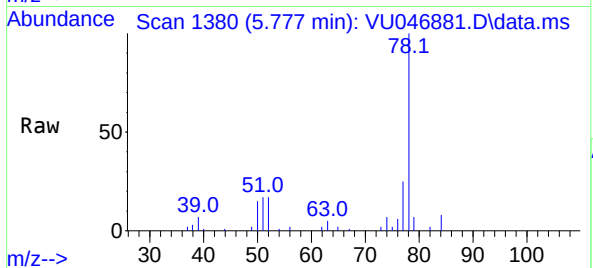




#33
Benzene
Concen: 0.911 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

Instrument :
MSVOA_U
ClientSampleId :
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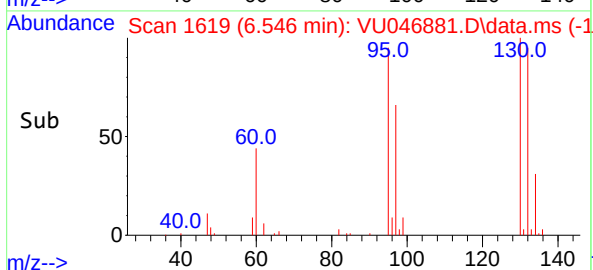
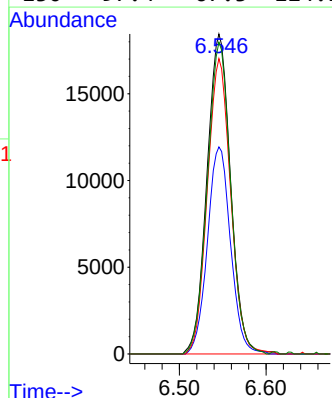
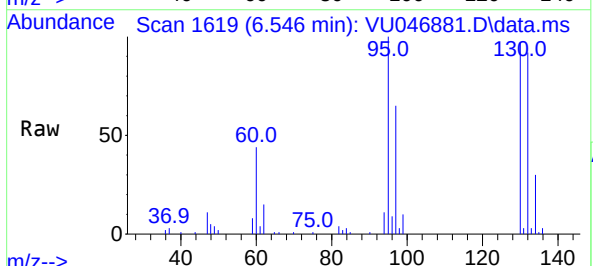
Tgt Ion: 78 Resp: 23613

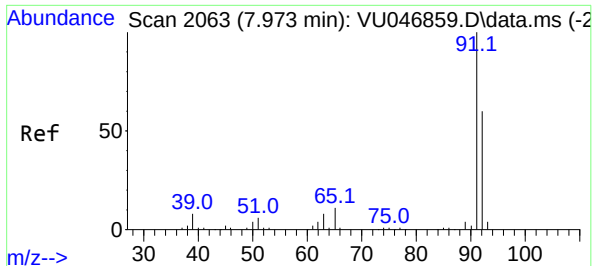


#34
Trichloroethene
Concen: 5.186 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

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

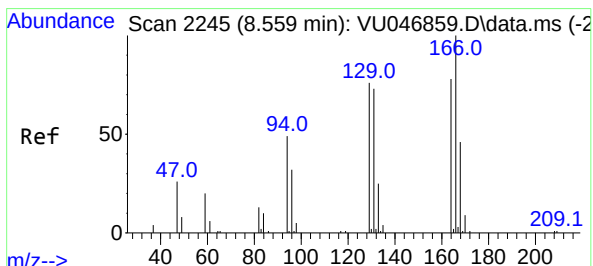
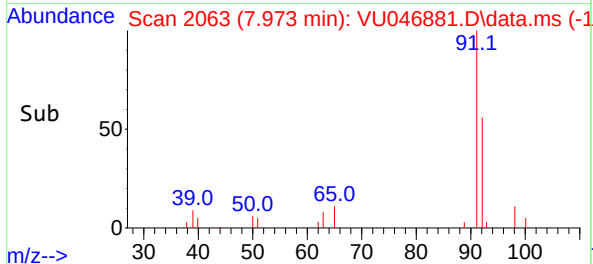
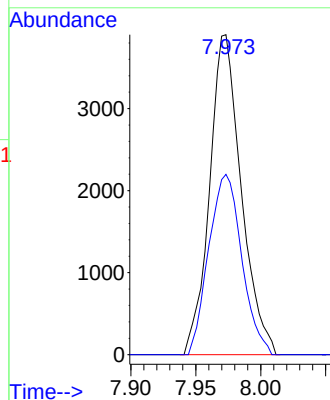
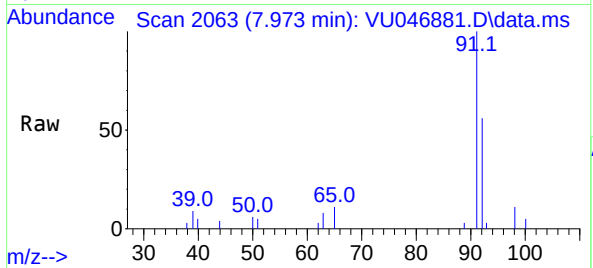




#42
Toluene
Concen: 0.213 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU046881.D
Acq: 27 Jan 2022 19:51

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

