

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU046004.D
 Acq On : 24 Nov 2021 19:02
 Operator : SY/MD
 Sample : M4722-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G49

Quant Time: Nov 26 00:22:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

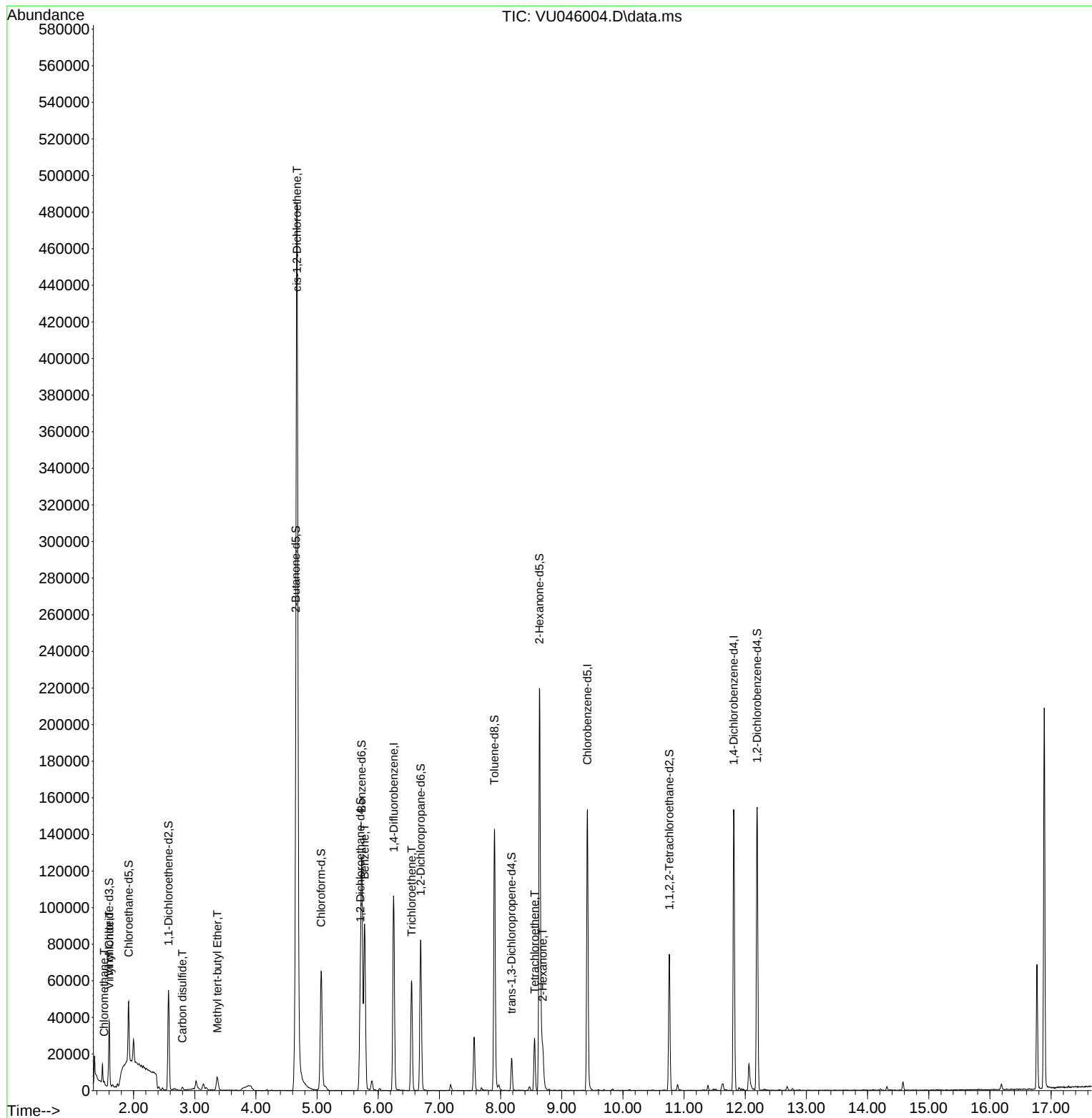
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	88455	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	88494	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	14685	2.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	42.000%
7) Chloroethane-d5	1.919	69	23093	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.572	65	10357	3.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.652	46	120581	64.204	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.400%
24) Chloroform-d	5.067	84	60567	5.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.707	65	35188	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.729	84	119675	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.694	67	39577	5.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.899	98	99463	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.179	79	10256	3.289	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.800%
46) 2-Hexanone-d5	8.636	63	83550	59.536	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36741	5.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	40584	5.908	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.200%
Target Compounds						
3) Chloromethane	1.520	50	1288	0.169	ug/L	94
5) Vinyl chloride	1.607	62	1504	0.196	ug/L #	78
14) Carbon disulfide	2.797	76	2694	0.156	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	7074	0.496	ug/L #	93
22) cis-1,2-Dichloroethene	4.671	96	240200	37.744	ug/L	99
33) Benzene	5.777	78	87962	3.562	ug/L	100
34) Trichloroethene	6.546	95	20872	3.280	ug/L	98
47) Tetrachloroethene	8.555	164	6284	1.410	ug/L	96
48) 2-Hexanone	8.690	43	12860	4.176	ug/L #	93

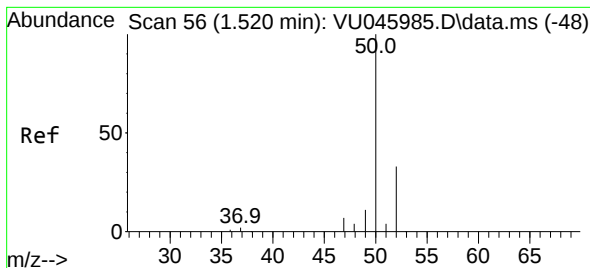
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.169 ug/L

RT: 1.520 min Scan# 50

Delta R.T. 0.000 min

Lab File: VU046004.D

Acq: 24 Nov 2021 19:02

Instrument :

MSVOA_U

ClientSampleId :

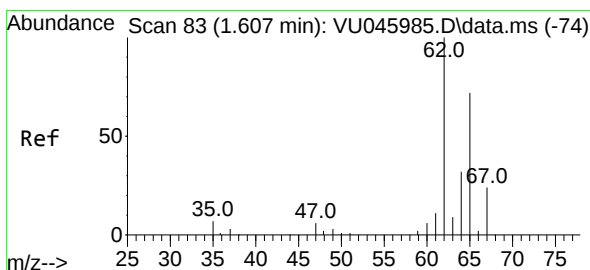
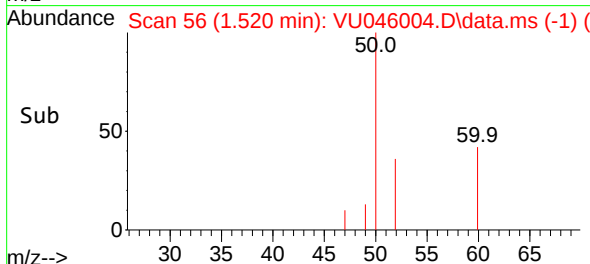
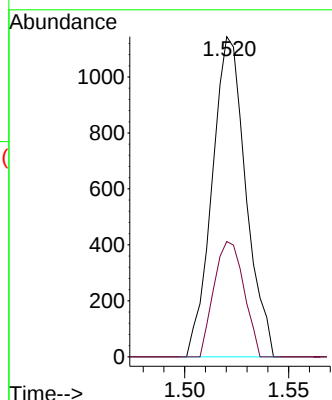
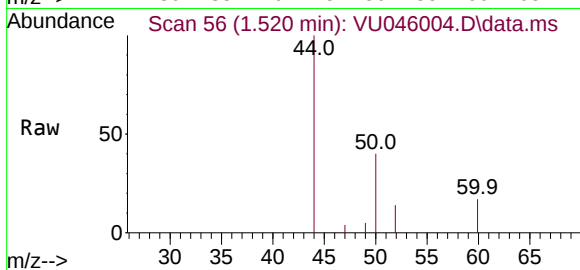
C0G49

Tgt Ion: 50 Resp: 1288

Ion Ratio Lower Upper

50 100

52 36.0 23.0 42.8



#5

Vinyl chloride

Concen: 0.196 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU046004.D

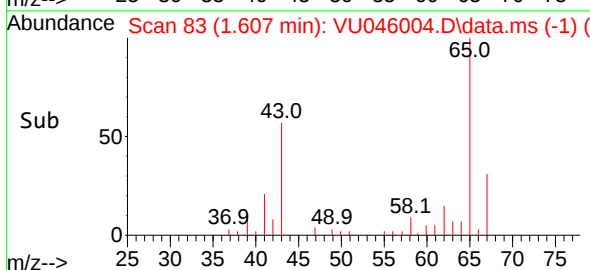
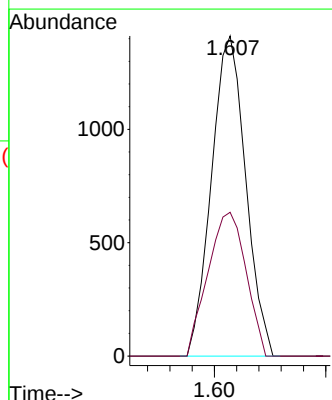
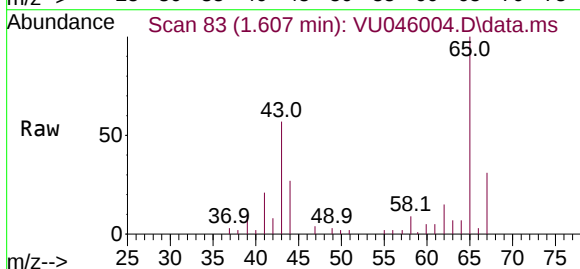
Acq: 24 Nov 2021 19:02

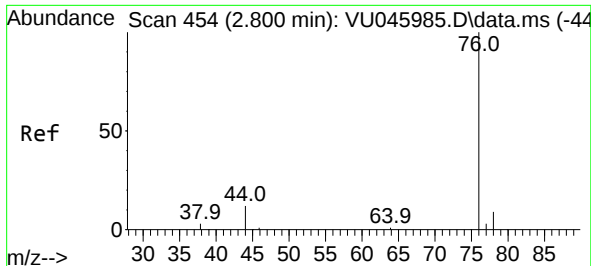
Tgt Ion: 62 Resp: 1504

Ion Ratio Lower Upper

62 100

64 44.9 22.9 42.5#

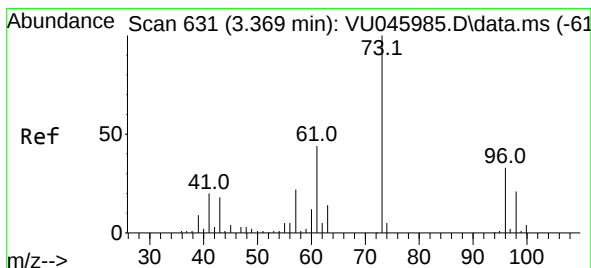
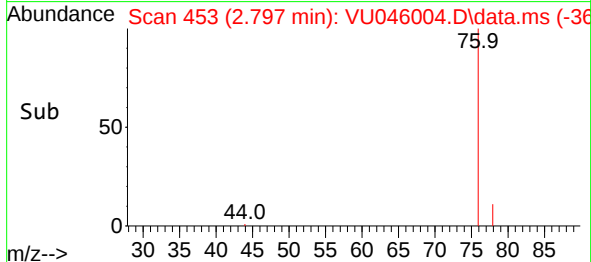
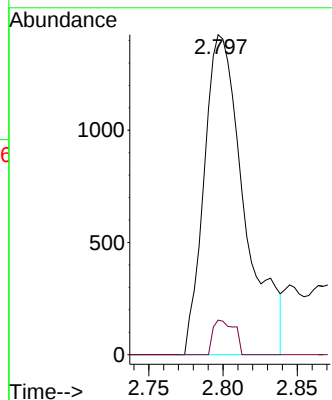
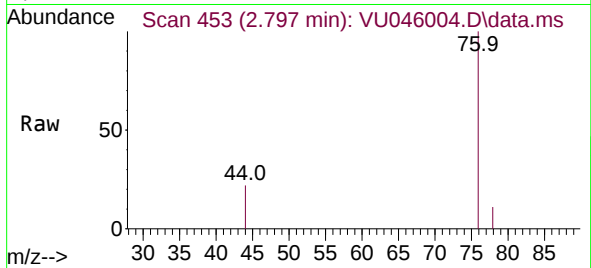




#14
Carbon disulfide
Concen: 0.156 ug/L
RT: 2.797 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU046004.D
Acq: 24 Nov 2021 19:02

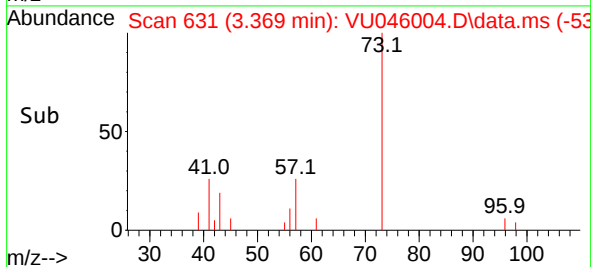
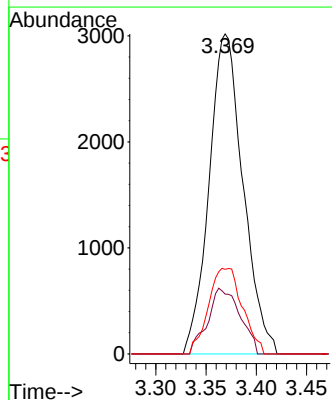
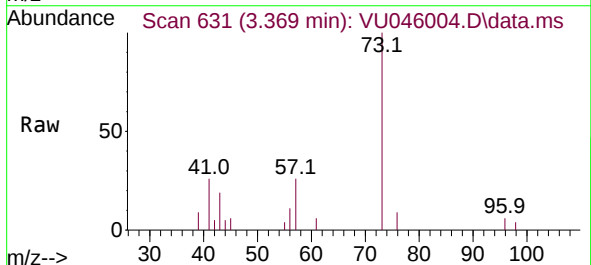
Instrument :
MSVOA_U
ClientSampleId :
C0G49

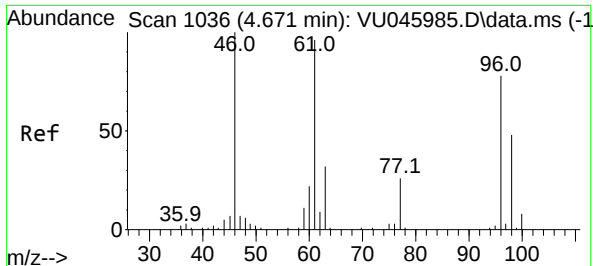
Tgt Ion: 76 Resp: 2694
Ion Ratio Lower Upper
76 100
78 10.8 7.5 11.3



#17
Methyl tert-butyl Ether
Concen: 0.496 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU046004.D
Acq: 24 Nov 2021 19:02

Tgt Ion: 73 Resp: 7074
Ion Ratio Lower Upper
73 100
43 19.6 14.8 22.2
57 26.7 17.4 26.0#



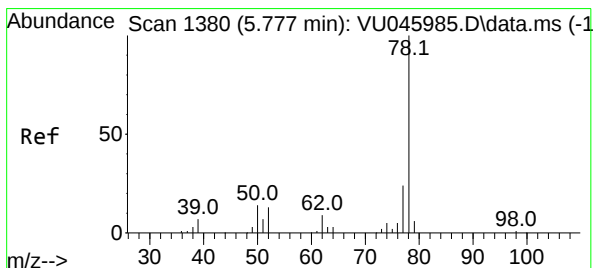
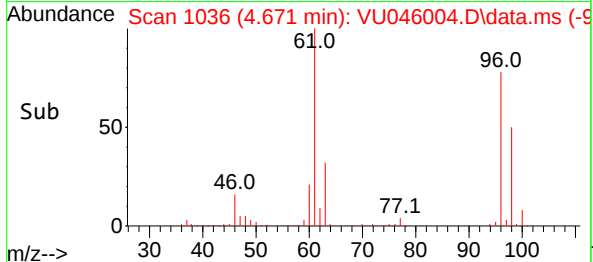
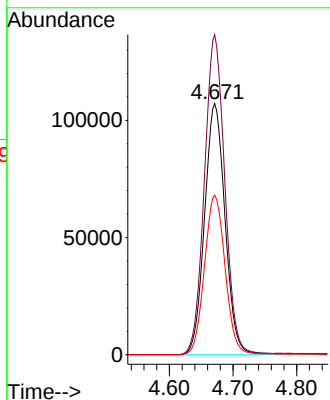
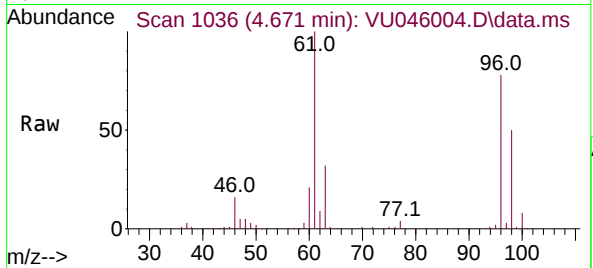


#22
 cis-1,2-Dichloroethene
 Concen: 37.744 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU046004.D
 Acq: 24 Nov 2021 19:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0G49

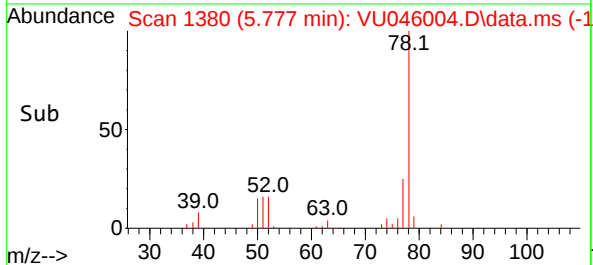
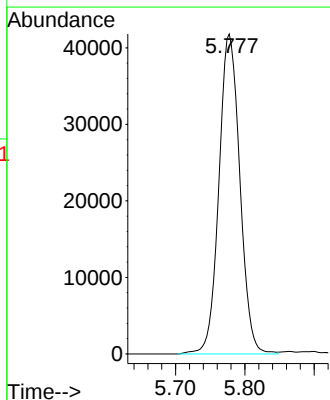
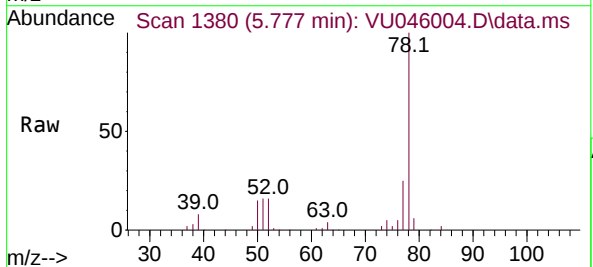
Tgt Ion: 96 Resp: 240200

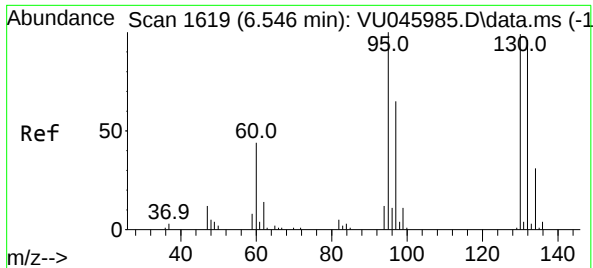
Ion	Ratio	Lower	Upper
96	100		
61	127.4	88.5	164.3
98	63.5	44.4	82.5



#33
 Benzene
 Concen: 3.562 ug/L
 RT: 5.777 min Scan# 1380
 Delta R.T. 0.000 min
 Lab File: VU046004.D
 Acq: 24 Nov 2021 19:02

Tgt Ion: 78 Resp: 87962

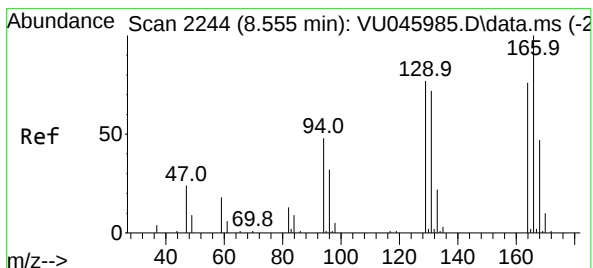
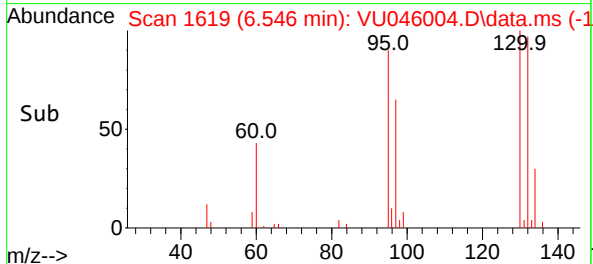
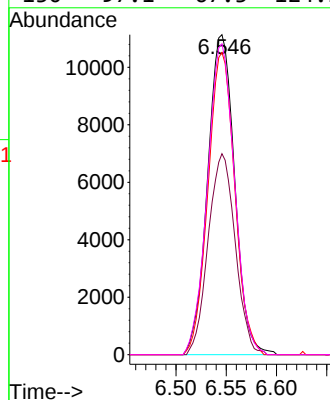
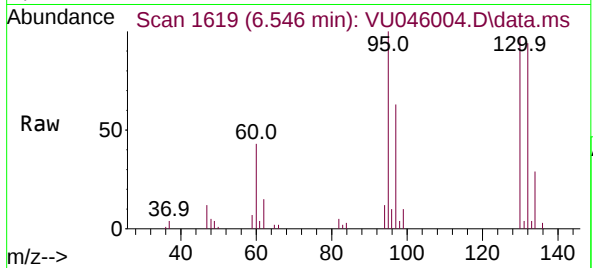




#34
Trichloroethene
Concen: 3.280 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046004.D
Acq: 24 Nov 2021 19:02

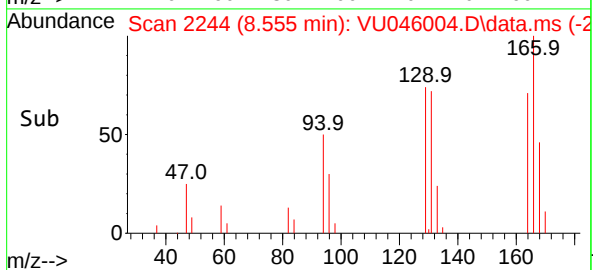
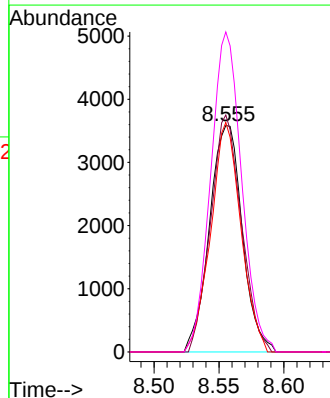
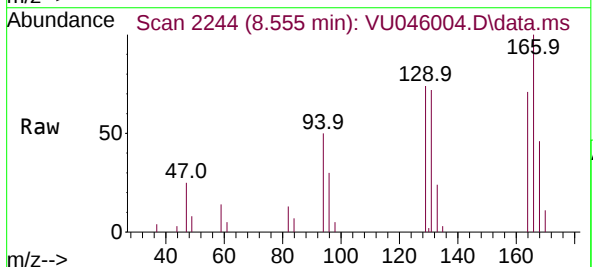
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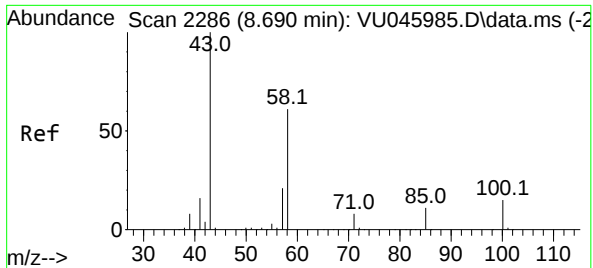
Tgt Ion: 95 Resp: 20872
Ion Ratio Lower Upper
95 100
97 62.8 46.5 86.5
132 94.5 65.1 120.9
130 97.1 67.3 124.9



#47
Tetrachloroethene
Concen: 1.410 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046004.D
Acq: 24 Nov 2021 19:02

Tgt Ion: 164 Resp: 6284
Ion Ratio Lower Upper
164 100
129 104.7 71.8 133.4
131 101.3 68.5 127.3
166 141.3 94.1 174.8





#48
 2-Hexanone
 Concen: 4.176 ug/L
 RT: 8.690 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU046004.D
 Acq: 24 Nov 2021 19:02

Instrument :
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 ClientSampleId :
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Tgt Ion: 43	Resp:	12860
Ion	Ratio	Lower Upper
43	100	
58	53.2	46.7 70.1
57	24.0	16.3 24.5
100	10.0	10.5 15.7

