

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020322\
 Data File : VU047031.D
 Acq On : 03 Feb 2022 19:03
 Operator : SY/MD
 Sample : N1348-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX7

Quant Time: Feb 04 05:49:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

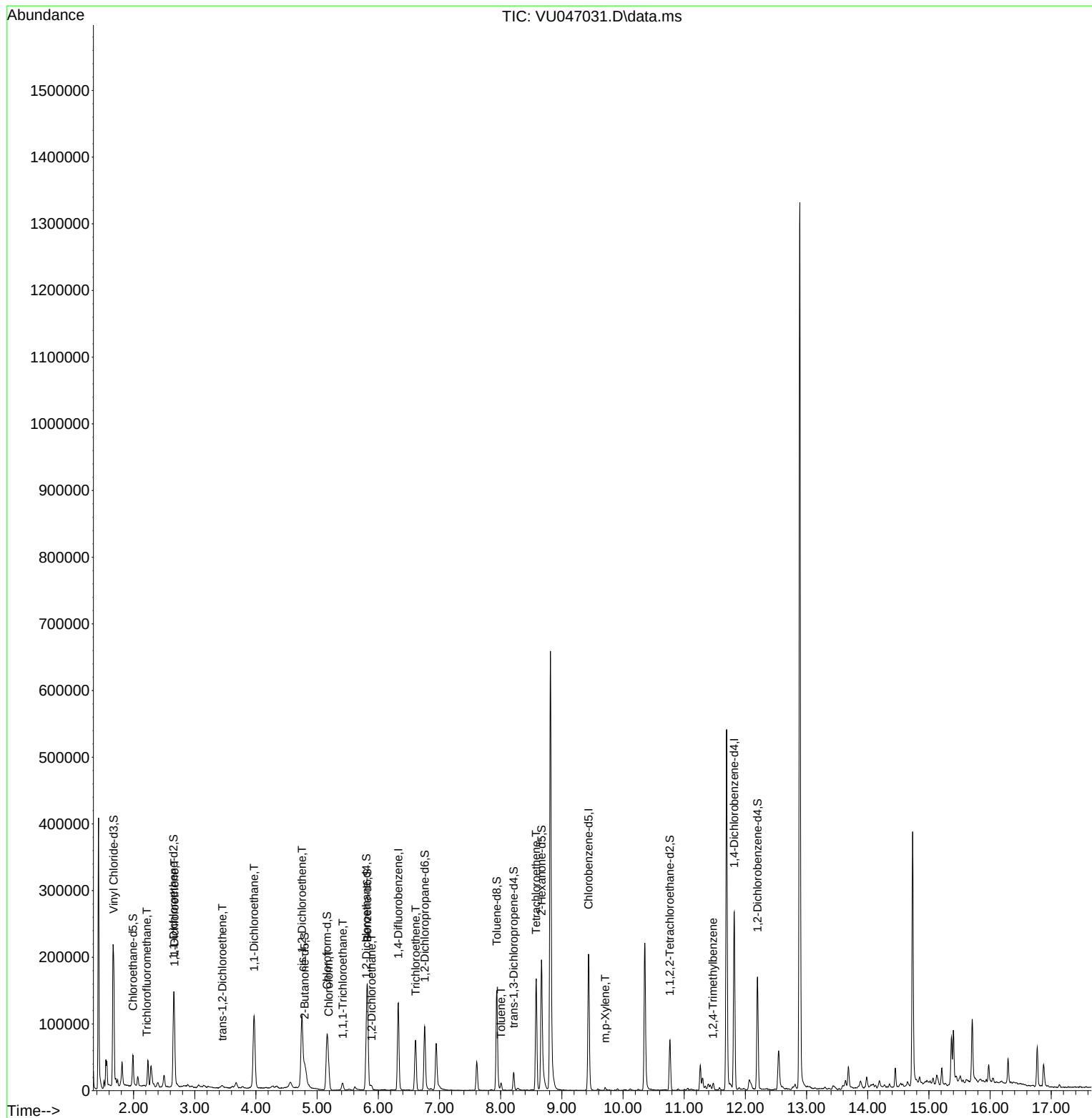
Internal Standards						
1) 1,4-Difluorobenzene	6.327	114	102563	5.000	ug/L	0.07
28) Chlorobenzene-d5	9.436	117	120587	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.819	152	72704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.675	65	43231	4.974	ug/L	0.07
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.990	69	32042	4.679	ug/L	0.07
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.652	65	17359	5.021	ug/L	0.08
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.400%
20) 2-Butanone-d5	4.797	46	96427	37.453	ug/L	0.15
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.900%
24) Chloroform-d	5.163	84	75261	4.933	ug/L	0.09
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.803	65	38508	4.635	ug/L	0.10
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.822	84	136408	3.849	ug/L	0.09
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.758	67	45007	4.230	ug/L	0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.938	98	105028	3.238	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	8.214	79	15459	3.308	ug/L	0.03
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.200%
46) 2-Hexanone-d5	8.668	63	76229	27.549	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	55.100%
56) 1,1,2,2-Tetrachloroeth...	10.767	84	38618	3.615	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.200%
66) 1,2-Dichlorobenzene-d4	12.198	152	44797	3.286	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	65.800%#
Target Compounds						
9) Trichlorofluoromethane	2.218	101	1352	0.134	ug/L	97
12) 1,1-Dichloroethene	2.668	96	22308	3.895	ug/L	94
18) trans-1,2-Dichloroethene	3.453	96	849	0.137	ug/L	79
19) 1,1-Dichloroethane	3.970	63	124009	11.909	ug/L	99
22) cis-1,2-Dichloroethene	4.752	96	51525	7.874	ug/L	98
25) Chloroform	5.189	83	26541	1.606	ug/L	97
27) 1,2-Dichloroethane	5.890	62	4679	0.641	ug/L	96
29) 1,1,1-Trichloroethane	5.417	97	7451	0.686	ug/L	97
34) Trichloroethene	6.610	95	24167	3.279	ug/L	99
42) Toluene	8.005	91	8066	0.238	ug/L	96
47) Tetrachloroethene	8.581	164	37468	6.250	ug/L	93
53) m,p-Xylene	9.710	106	1507	0.117	ug/L	68
63) 1,2,4-Trimethylbenzene	11.472	105	2975	0.104	ug/L	89

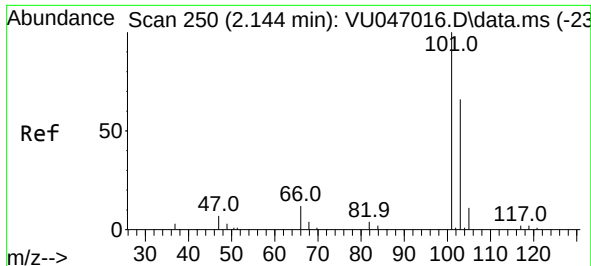
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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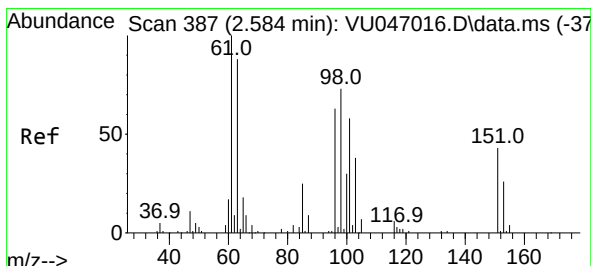
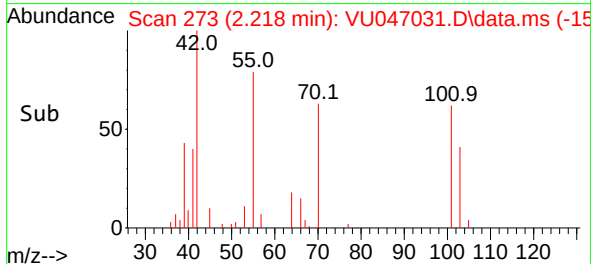
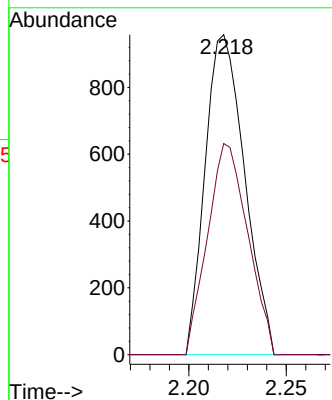
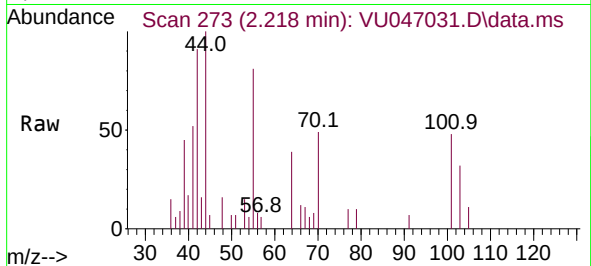




#9
 Trichlorofluoromethane
 Concen: 0.134 ug/L
 RT: 2.218 min Scan# 21
 Delta R.T. 0.071 min
 Lab File: VU047031.D
 Acq: 03 Feb 2022 19:03

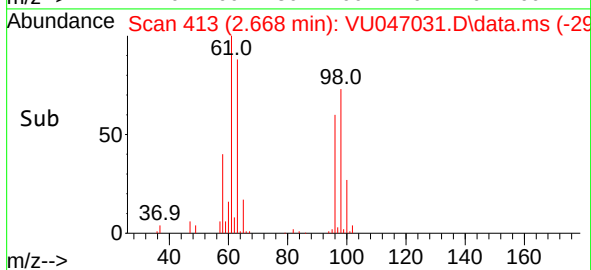
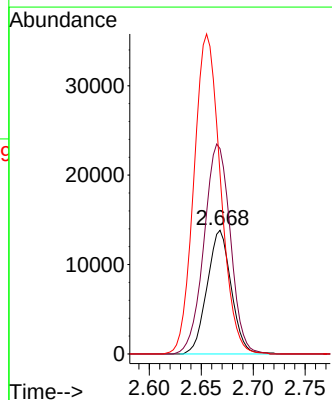
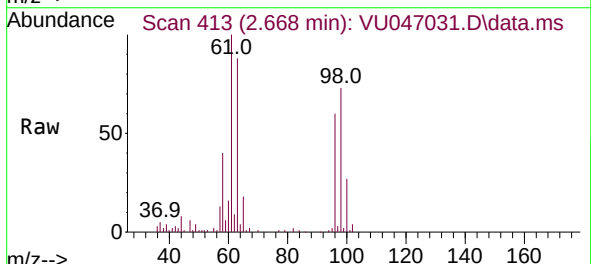
Instrument :
 MSVOA_U
 ClientSampleId :
 BFX7

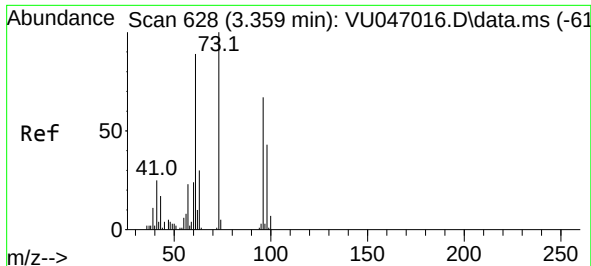
Tgt Ion:101 Resp: 1352
 Ion Ratio Lower Upper
 101 100
 103 67.1 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 3.895 ug/L
 RT: 2.668 min Scan# 413
 Delta R.T. 0.080 min
 Lab File: VU047031.D
 Acq: 03 Feb 2022 19:03

Tgt Ion: 96 Resp: 22308
 Ion Ratio Lower Upper
 96 100
 61 166.0 124.7 231.5
 63 145.6 105.2 195.4

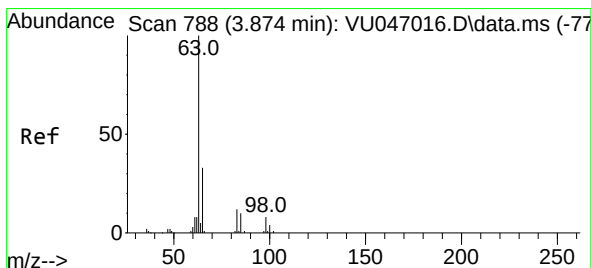
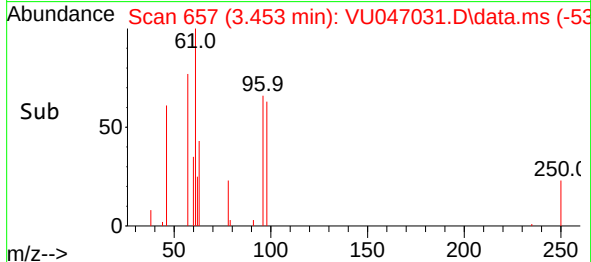
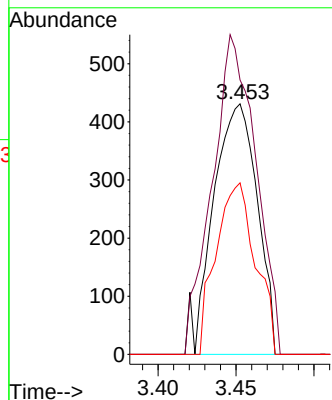
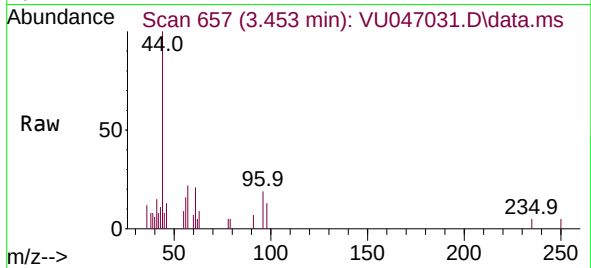




#18
trans-1,2-Dichloroethene
Concen: 0.137 ug/L
RT: 3.453 min Scan# 61
Delta R.T. 0.093 min
Lab File: VU047031.D
Acq: 03 Feb 2022 19:03

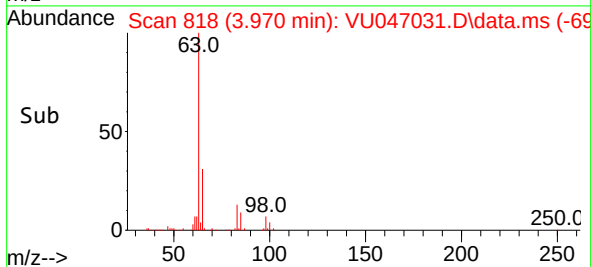
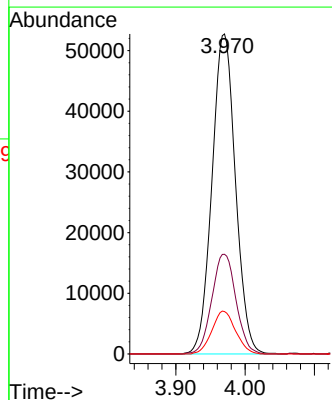
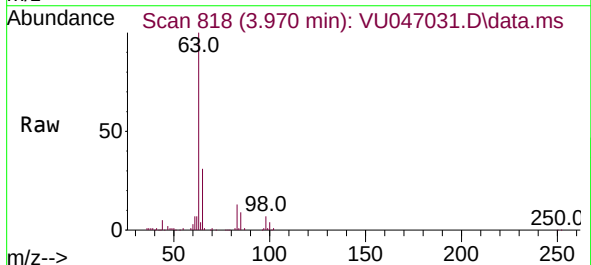
Instrument :
MSVOA_U
ClientSampleId :
BFX7

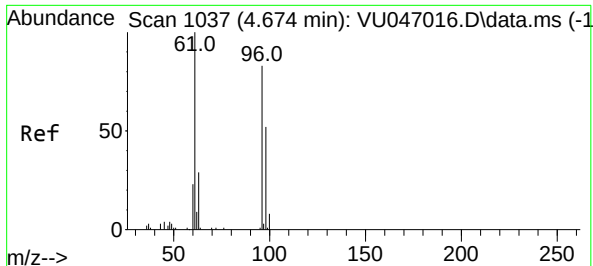
Tgt Ion: 96 Resp: 849
Ion Ratio Lower Upper
96 100
61 109.5 100.8 187.2
98 68.4 45.1 83.7



#19
1,1-Dichloroethane
Concen: 11.909 ug/L
RT: 3.970 min Scan# 818
Delta R.T. 0.093 min
Lab File: VU047031.D
Acq: 03 Feb 2022 19:03

Tgt Ion: 63 Resp: 124009
Ion Ratio Lower Upper
63 100
65 31.2 22.3 41.5
83 13.3 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 7.874 ug/L

RT: 4.752 min Scan# 1106

Delta R.T. 0.077 min

Lab File: VU047031.D

Acq: 03 Feb 2022 19:03

Instrument :

MSVOA_U

ClientSampleId :

BFX7

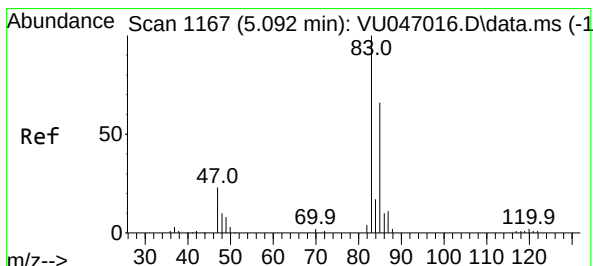
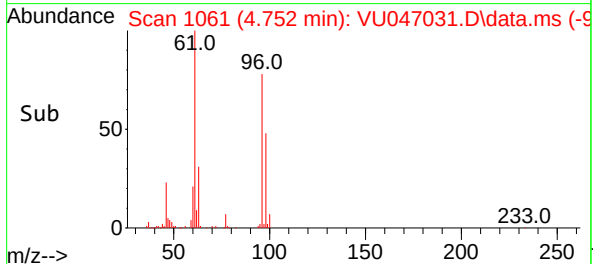
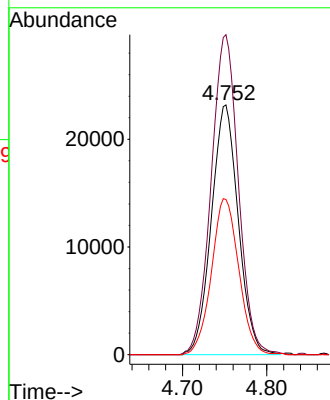
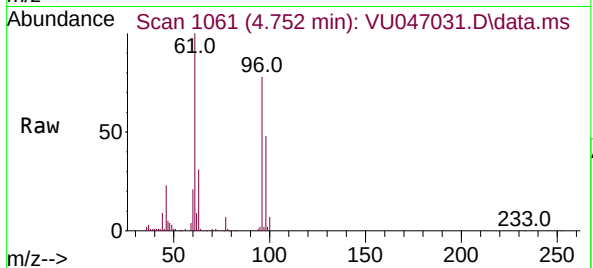
Tgt Ion: 96 Resp: 51525

Ion Ratio Lower Upper

96 100

61 128.2 88.5 164.3

98 62.1 44.4 82.5



#25

Chloroform

Concen: 1.606 ug/L

RT: 5.189 min Scan# 1197

Delta R.T. 0.093 min

Lab File: VU047031.D

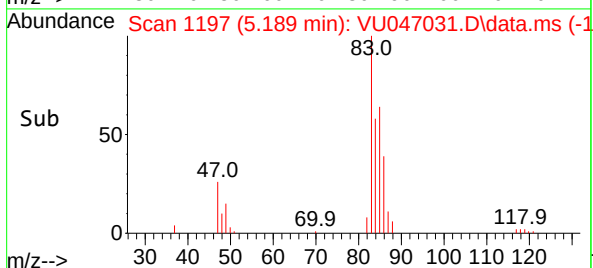
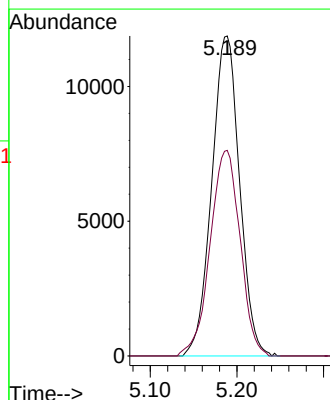
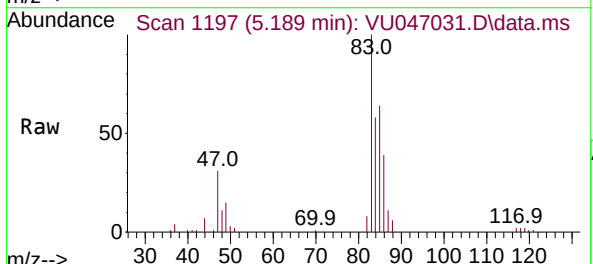
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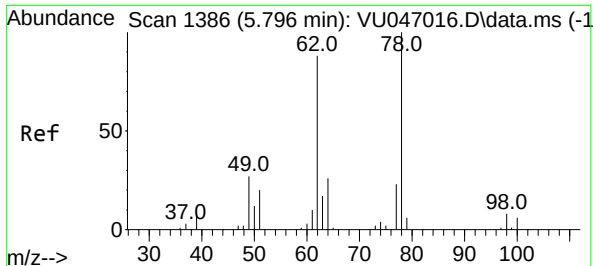
Tgt Ion: 83 Resp: 26541

Ion Ratio Lower Upper

83 100

85 64.3 46.9 87.1





#27

1,2-Dichloroethane

Concen: 0.641 ug/L

RT: 5.890 min Scan# 1415

Delta R.T. 0.090 min

Lab File: VU047031.D

Acq: 03 Feb 2022 19:03

Instrument :

MSVOA_U

ClientSampleId :

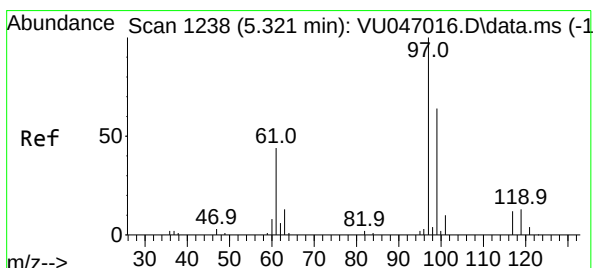
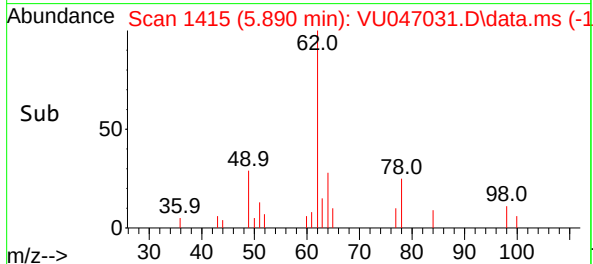
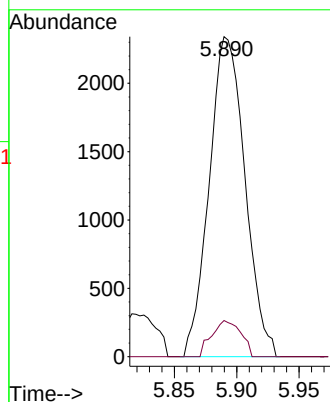
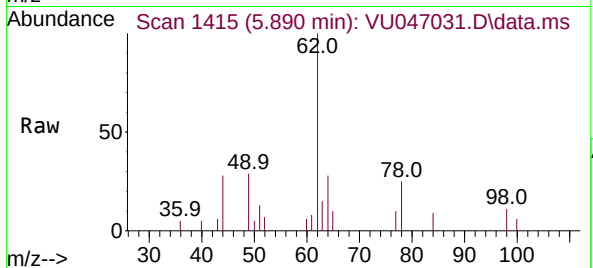
BFX7

Tgt Ion: 62 Resp: 4679

Ion Ratio Lower Upper

62 100

98 11.3 7.8 11.8



#29

1,1,1-Trichloroethane

Concen: 0.686 ug/L

RT: 5.417 min Scan# 1268

Delta R.T. 0.096 min

Lab File: VU047031.D

Acq: 03 Feb 2022 19:03

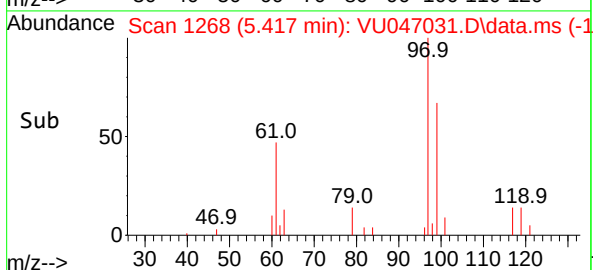
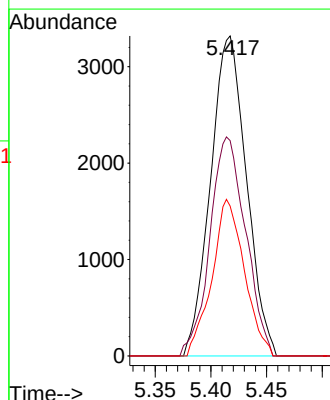
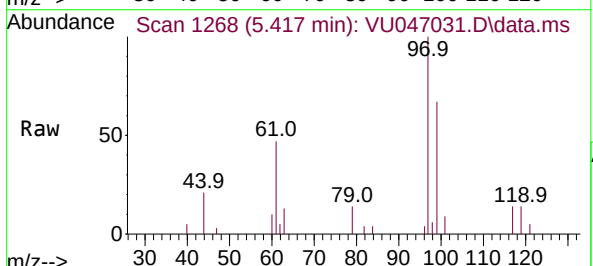
Tgt Ion: 97 Resp: 7451

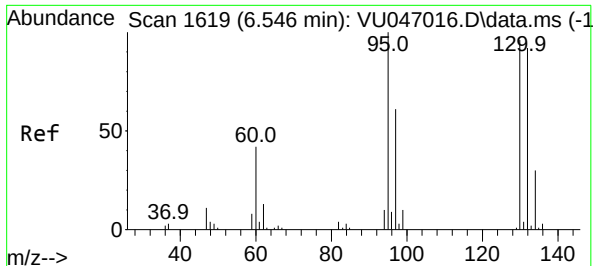
Ion Ratio Lower Upper

97 100

99 68.0 51.3 76.9

61 44.2 36.1 54.1



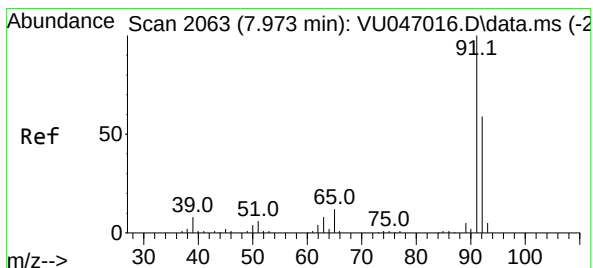
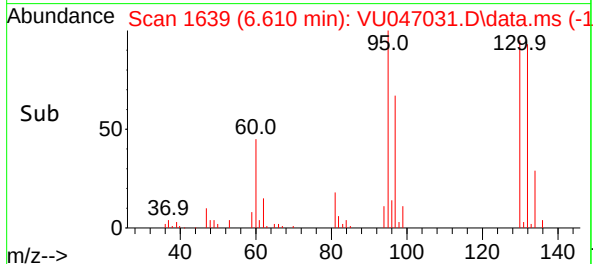
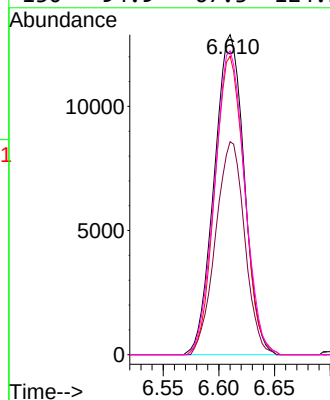
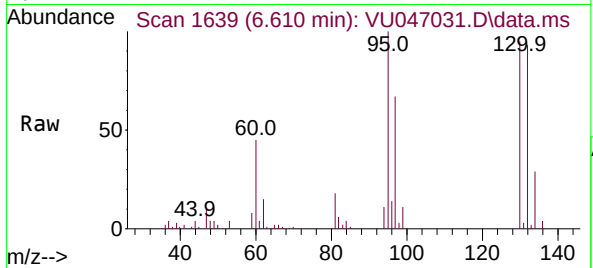


#34
Trichloroethene
Concen: 3.279 ug/L
RT: 6.610 min Scan# 1
Delta R.T. 0.064 min
Lab File: VU047031.D
Acq: 03 Feb 2022 19:03

Instrument :
MSVOA_U
ClientSampleId :
BFX7

Tgt Ion: 95 Resp: 24167

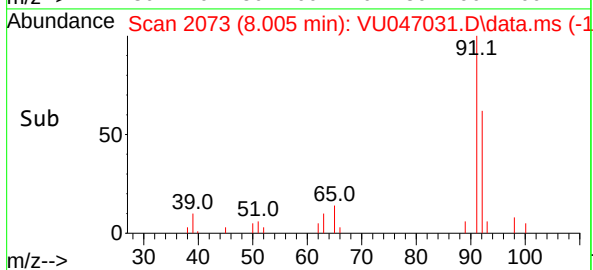
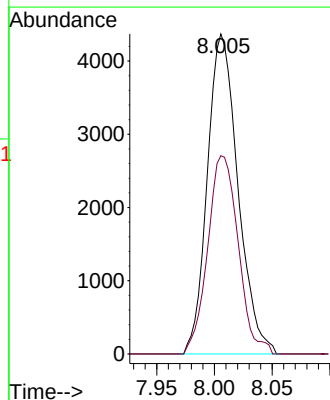
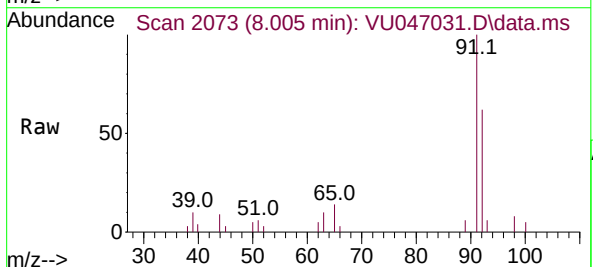
Ion	Ratio	Lower	Upper
95	100		
97	66.6	46.5	86.5
132	93.3	65.1	120.9
130	94.9	67.3	124.9

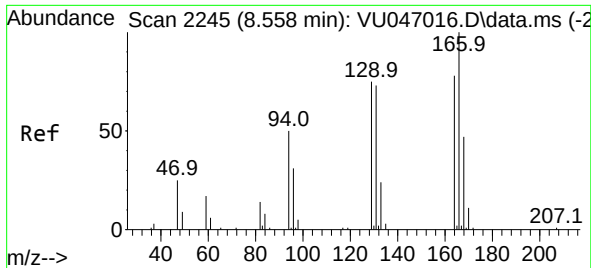


#42
Toluene
Concen: 0.238 ug/L
RT: 8.005 min Scan# 2073
Delta R.T. 0.032 min
Lab File: VU047031.D
Acq: 03 Feb 2022 19:03

Tgt Ion: 91 Resp: 8066

Ion	Ratio	Lower	Upper
91	100		
92	61.9	41.3	76.7

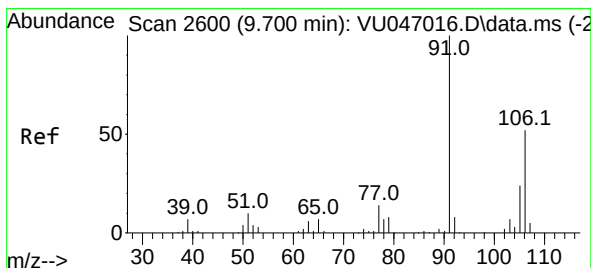
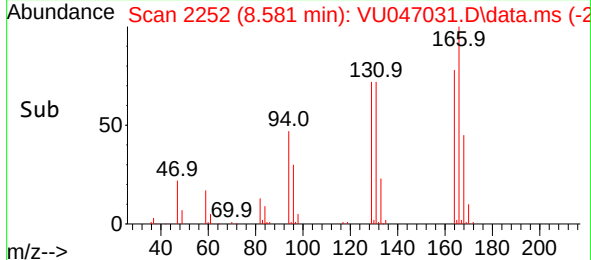
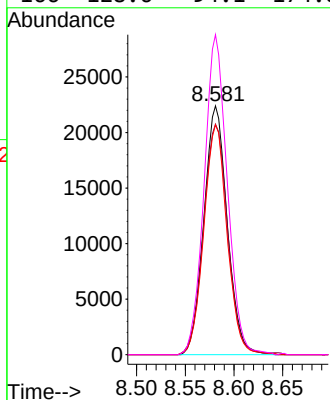
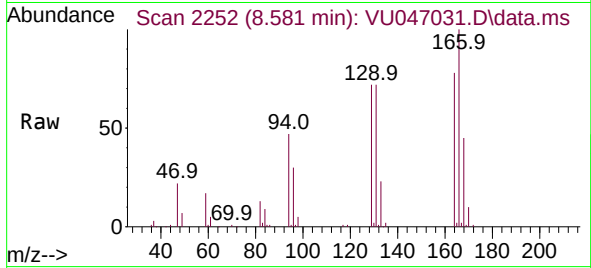




#47
Tetrachloroethene
Concen: 6.250 ug/L
RT: 8.581 min Scan# 21
Delta R.T. 0.026 min
Lab File: VU047031.D
Acq: 03 Feb 2022 19:03

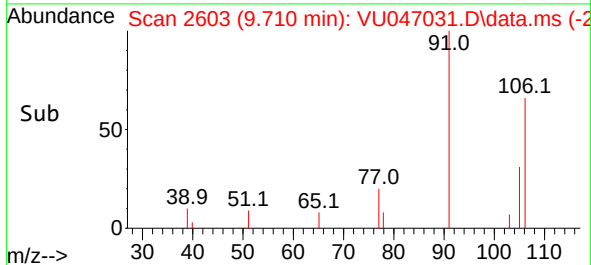
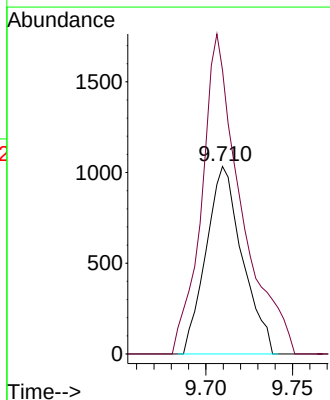
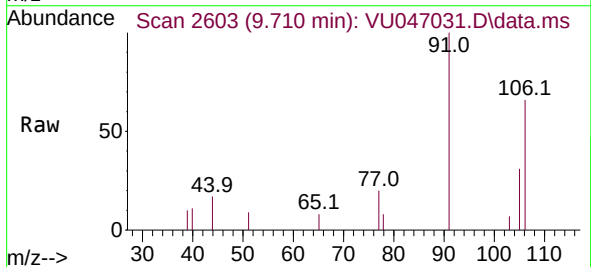
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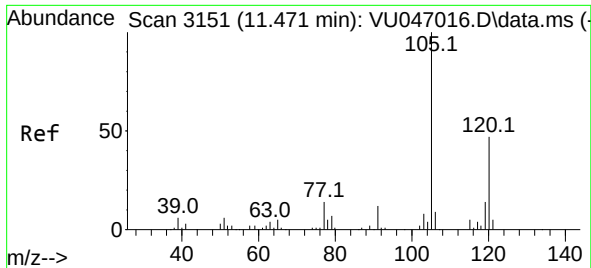
Tgt Ion:164	Resp:	37468
Ion Ratio	Lower	Upper
164	100	
129	92.6	71.8 133.4
131	92.4	68.5 127.3
166	128.6	94.1 174.8



#53
m,p-Xylene
Concen: 0.117 ug/L
RT: 9.710 min Scan# 2603
Delta R.T. 0.013 min
Lab File: VU047031.D
Acq: 03 Feb 2022 19:03

Tgt Ion:106	Resp:	1507
Ion Ratio	Lower	Upper
106	100	
91	151.3	139.4 259.0





#63
 1,2,4-Trimethylbenzene
 Concen: 0.104 ug/L
 RT: 11.472 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VU047031.D
 Acq: 03 Feb 2022 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX7

Tgt Ion:105 Resp: 2975
 Ion Ratio Lower Upper
 105 100
 120 37.3 35.8 53.8

