

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021822\
 Data File : VU047219.D
 Acq On : 17 Feb 2022 21:11
 Operator : SY/MD
 Sample : N1545-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY03

Quant Time: Feb 18 03:36:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 03:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	152543	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	159970	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91473	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	59081	4.586	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.800%
7) Chloroethane-d5	1.916	69	50393	4.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.571	65	24249	4.551	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.642	46	153826	49.954	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.900%
24) Chloroform-d	5.067	84	104612	4.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.706	65	55189	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.732	84	214212	4.793	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.694	67	68737	4.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.902	98	203610	4.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
43) trans-1,3-Dichloroprop...	8.182	79	27381	4.247	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.636	63	140815	41.481	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.960%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	56938	4.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	80307	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%

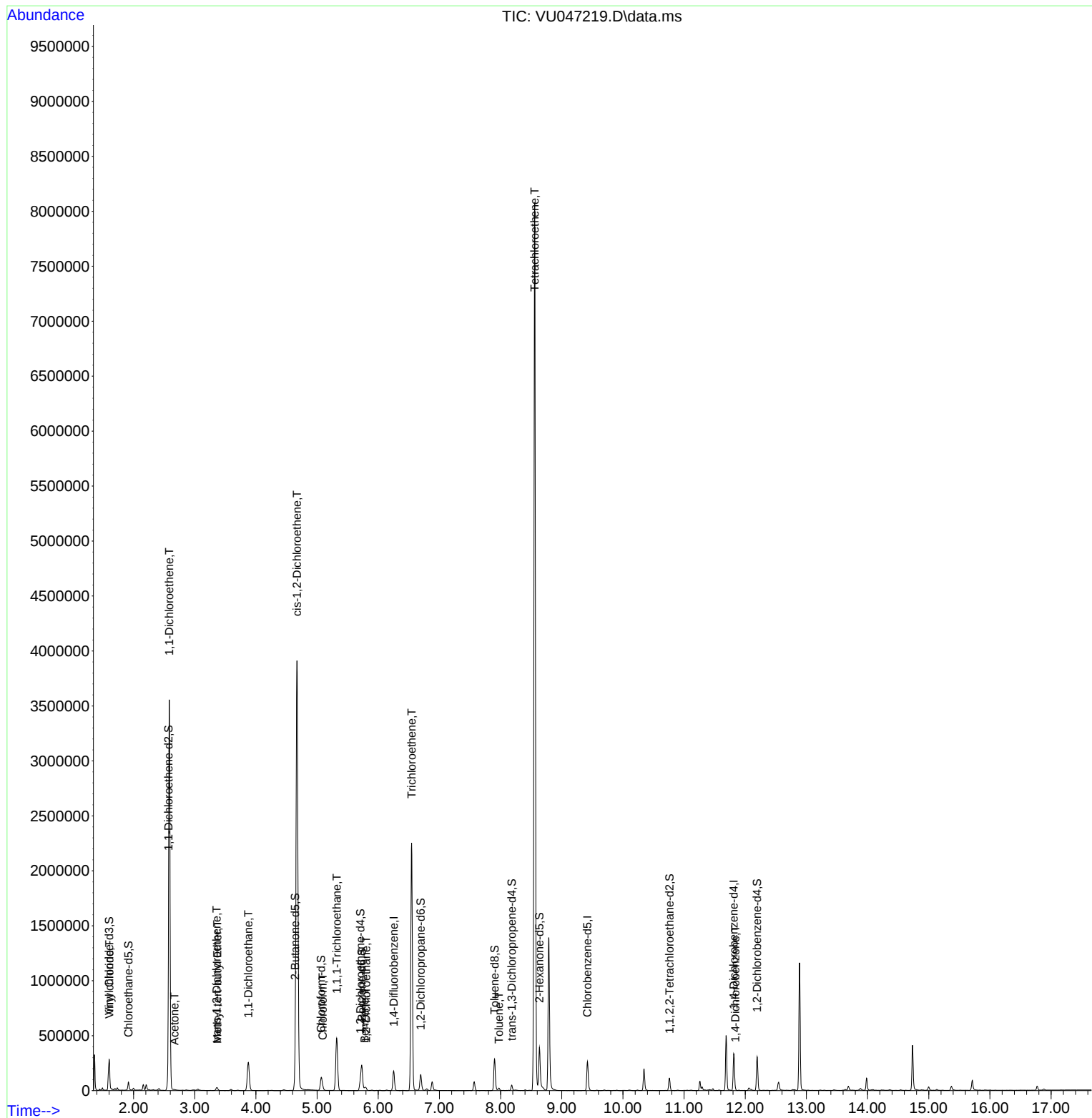
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	83228	5.889	ug/L	99
12) 1,1-Dichloroethene	2.584	96	1196915	119.240	ug/L #	58
13) Acetone	2.668	43	11366	7.373	ug/L	86
17) Methyl tert-butyl Ether	3.369	73	10533	0.384	ug/L #	74
18) trans-1,2-Dichloroethene	3.359	96	8266	0.762	ug/L	95
19) 1,1-Dichloroethane	3.877	63	295599	15.587	ug/L	100
22) cis-1,2-Dichloroethene	4.671	96	2063220	174.745	ug/L	98
25) Chloroform	5.092	83	17661	0.889	ug/L	98
27) 1,2-Dichloroethane	5.800	62	17803	1.341	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	341784	19.731	ug/L	99
33) Benzene	5.777	78	19600	0.431	ug/L	100
34) Trichloroethene	6.546	95	747900	61.687	ug/L	95
42) Toluene	7.973	91	16586	0.328	ug/L	100
47) Tetrachloroethene	8.558	164	1834134	186.414	ug/L	94
65) 1,4-Dichlorobenzene	11.838	146	3463	0.132	ug/L	93

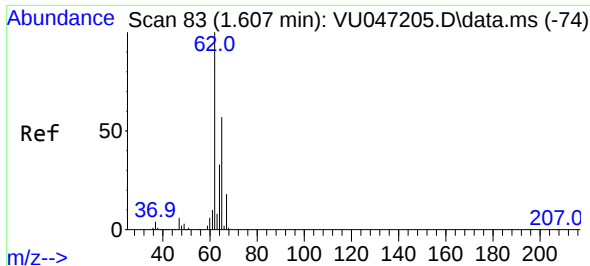
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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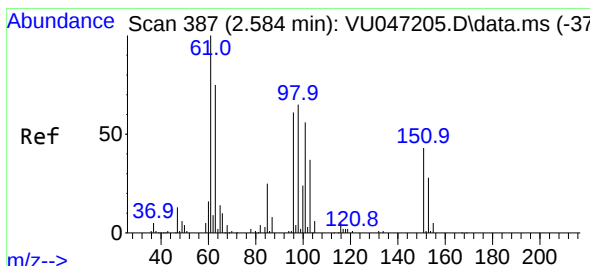
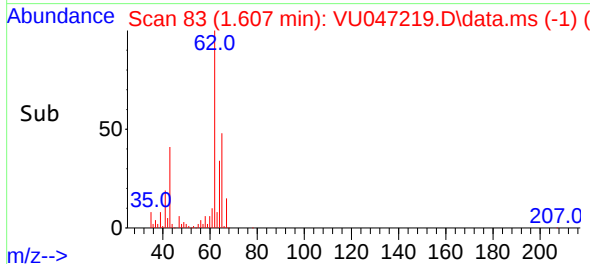
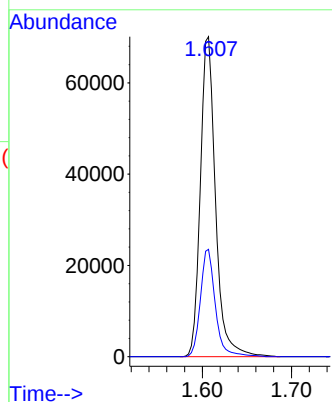
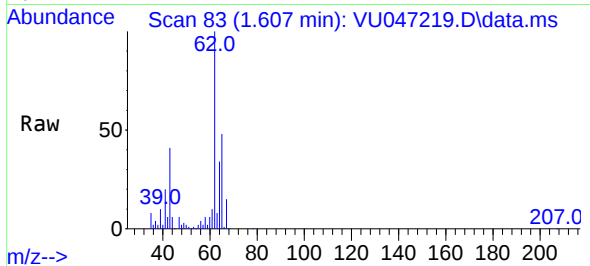




#5
 Vinyl chloride
 Concen: 5.889 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047219.D
 Acq: 17 Feb 2022 21:11

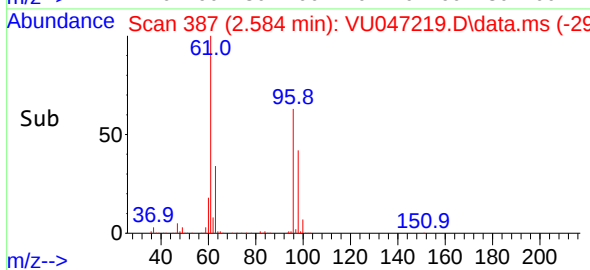
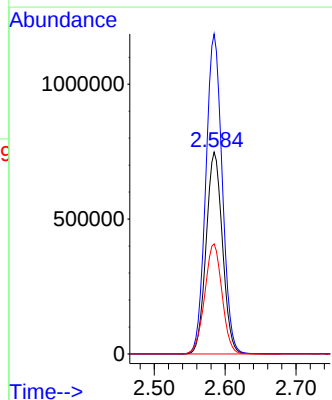
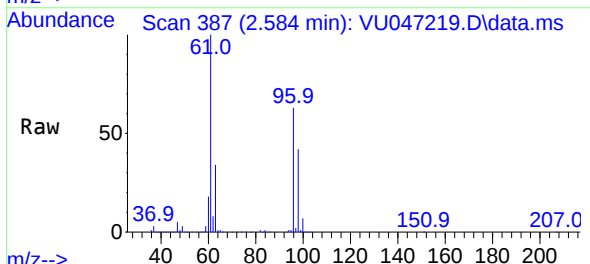
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 ClientSampleId :
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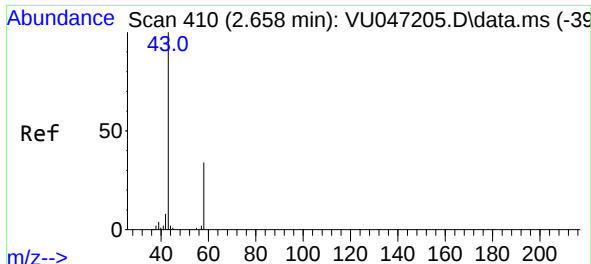
Tgt Ion: 62 Resp: 83228
 Ion Ratio Lower Upper
 62 100
 64 33.5 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 119.240 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047219.D
 Acq: 17 Feb 2022 21:11

Tgt Ion: 96 Resp: 1196915
 Ion Ratio Lower Upper
 96 100
 61 158.5 124.7 231.5
 63 54.6 105.2 195.4#

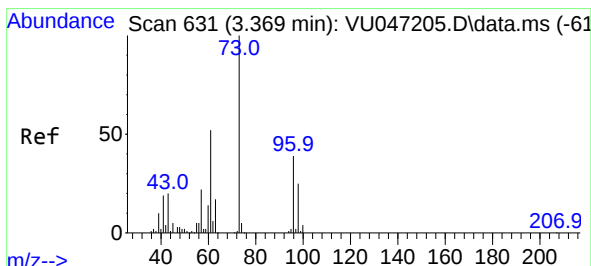
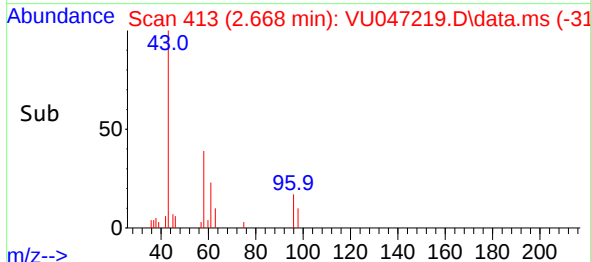
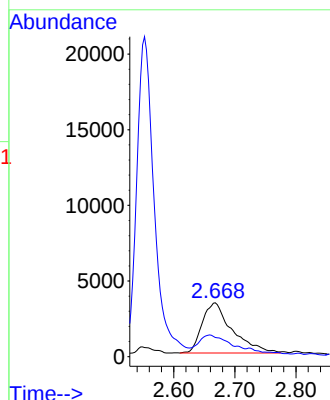
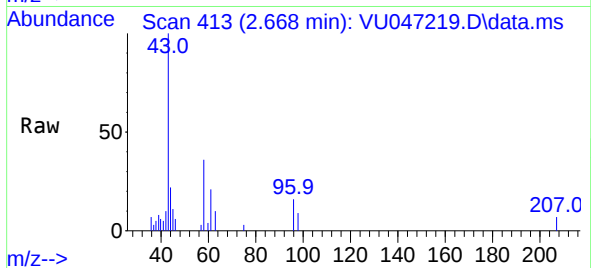




#13
Acetone
Concen: 7.373 ug/L
RT: 2.668 min Scan# 410
Delta R.T. 0.010 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

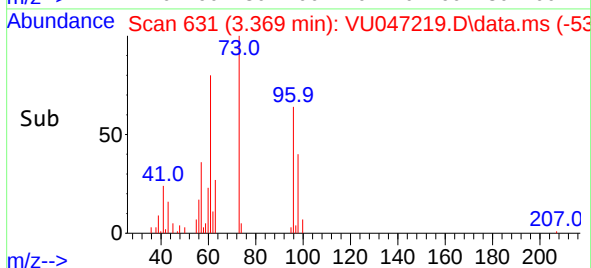
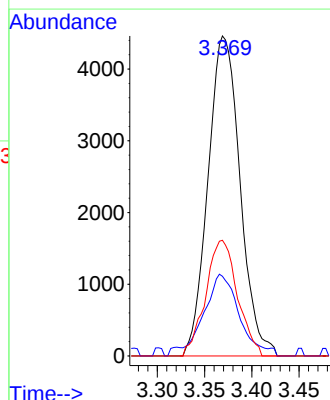
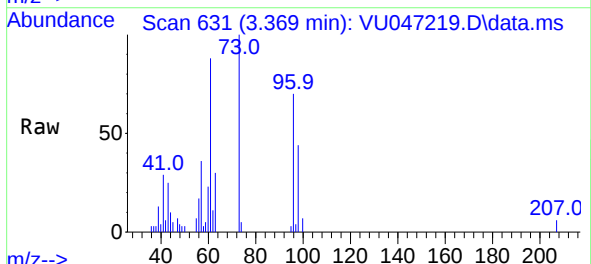
Instrument :
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ClientSampleId :
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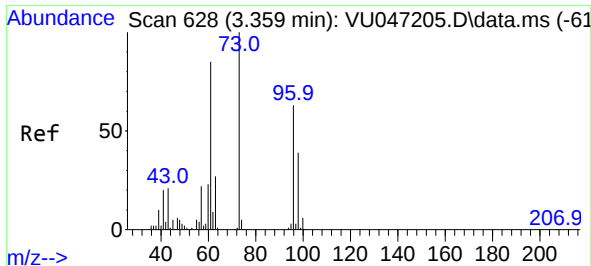
Tgt Ion: 43 Resp: 11366
Ion Ratio Lower Upper
43 100
58 27.6 0.0 71.6



#17
Methyl tert-butyl Ether
Concen: 0.384 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

Tgt Ion: 73 Resp: 10533
Ion Ratio Lower Upper
73 100
43 27.7 14.8 22.2#
57 35.8 17.4 26.0#

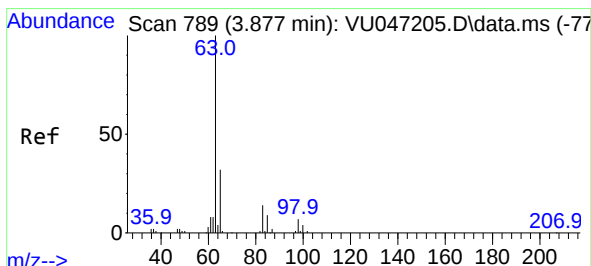
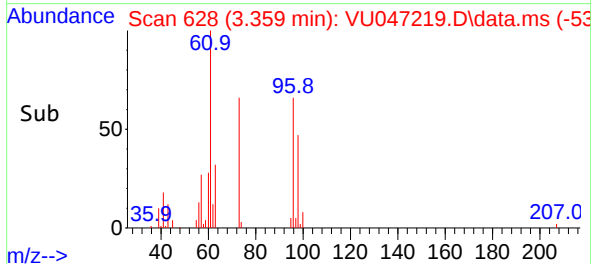
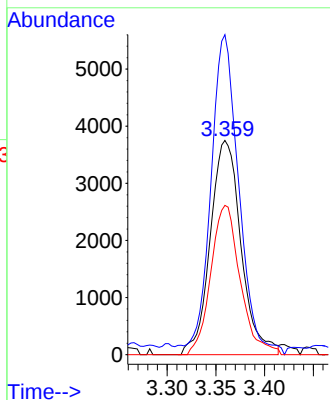
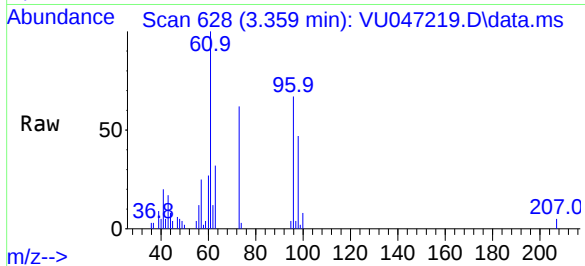




#18
trans-1,2-Dichloroethene
Concen: 0.762 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

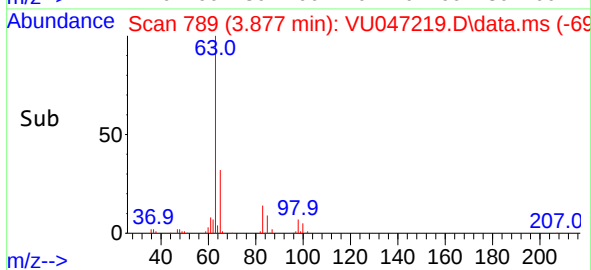
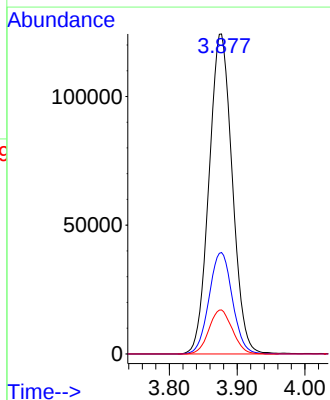
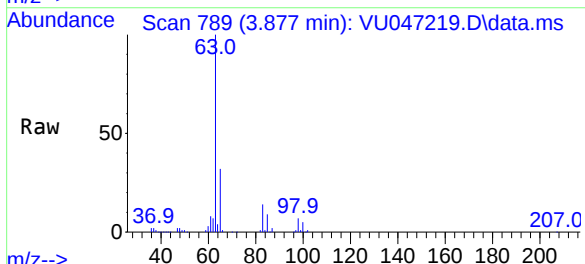
Instrument :
MSVOA_U
ClientSampleId :
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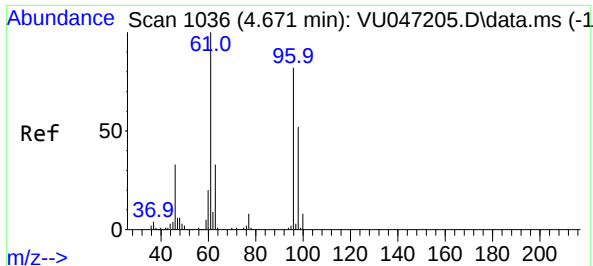
Tgt Ion: 96 Resp: 8266
Ion Ratio Lower Upper
96 100
61 149.4 100.8 187.2
98 69.7 45.1 83.7



#19
1,1-Dichloroethane
Concen: 15.587 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

Tgt Ion: 63 Resp: 295599
Ion Ratio Lower Upper
63 100
65 31.7 22.3 41.5
83 13.8 9.6 17.8

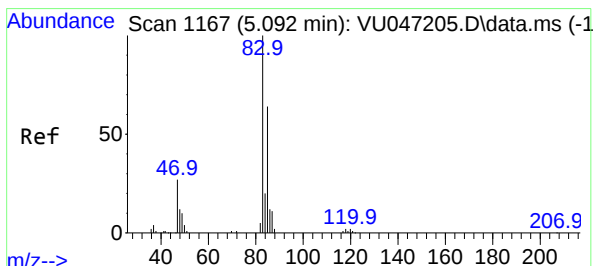
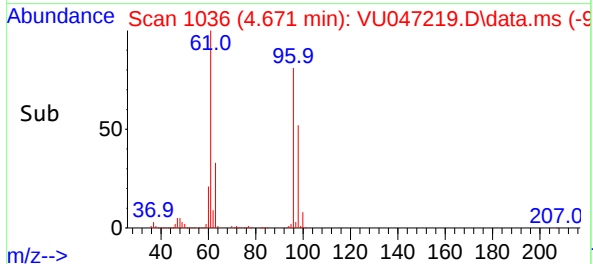
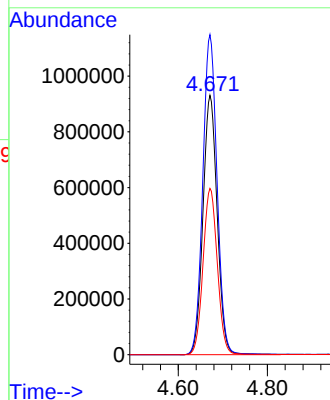
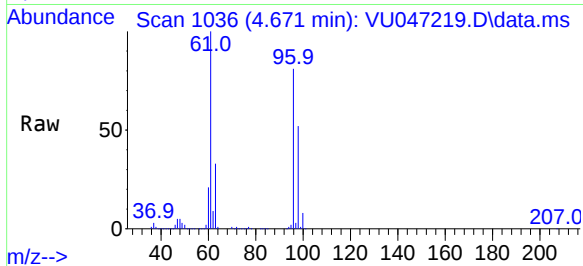




#22
cis-1,2-Dichloroethene
Concen: 174.745 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

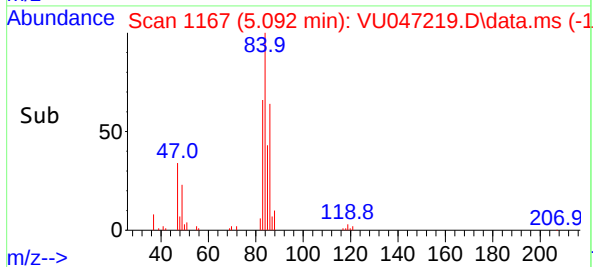
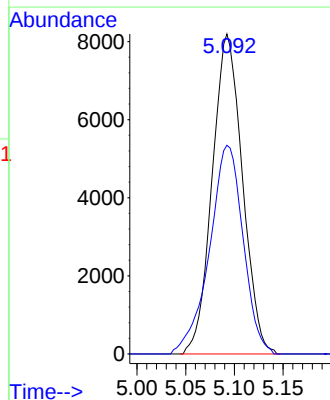
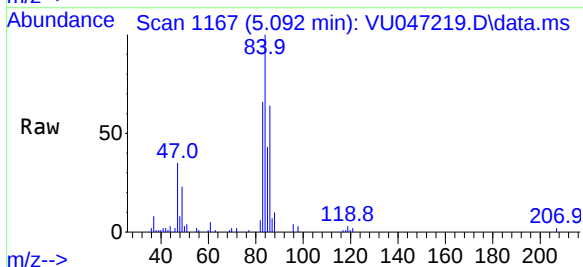
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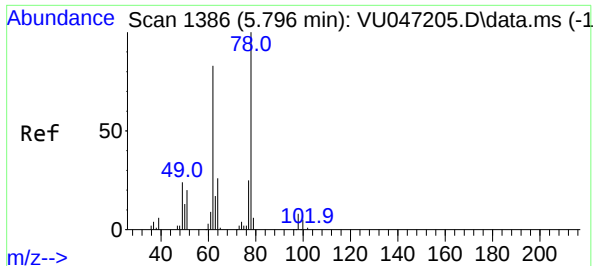
Tgt Ion: 96 Resp: 2063220
Ion Ratio Lower Upper
96 100
61 123.4 88.5 164.3
98 64.1 44.4 82.5



#25
Chloroform
Concen: 0.889 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

Tgt Ion: 83 Resp: 17661
Ion Ratio Lower Upper
83 100
85 65.2 46.9 87.1

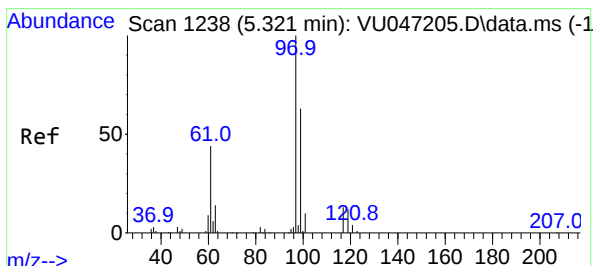
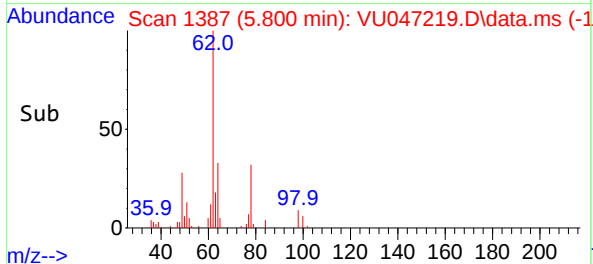
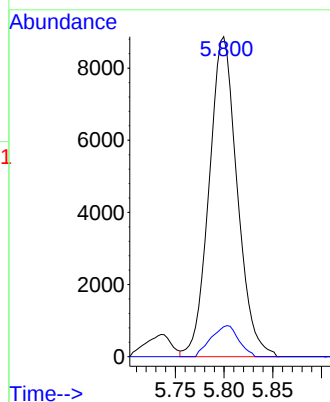
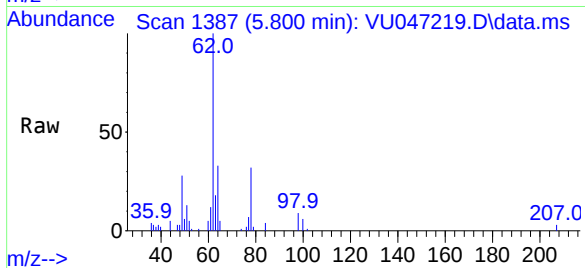




#27
1,2-Dichloroethane
Concen: 1.341 ug/L
RT: 5.800 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

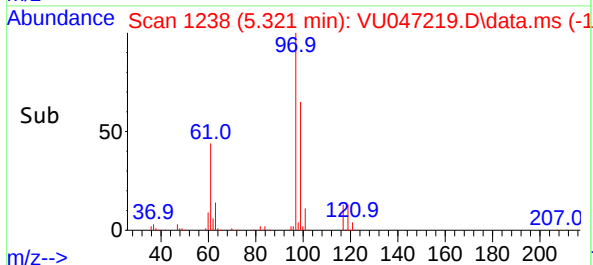
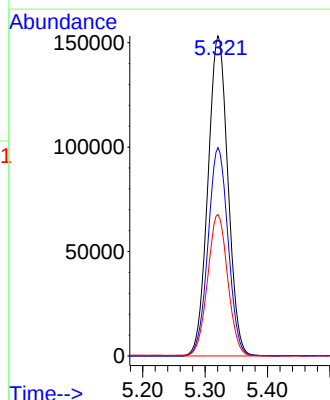
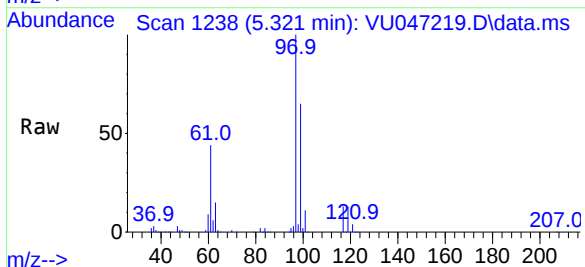
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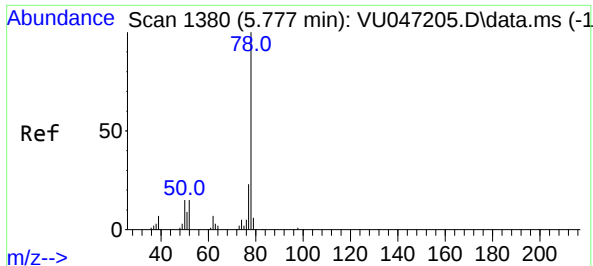
Tgt Ion: 62 Resp: 17803
Ion Ratio Lower Upper
62 100
98 9.4 7.8 11.8



#29
1,1,1-Trichloroethane
Concen: 19.731 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

Tgt Ion: 97 Resp: 341784
Ion Ratio Lower Upper
97 100
99 65.4 51.3 76.9
61 44.7 36.1 54.1

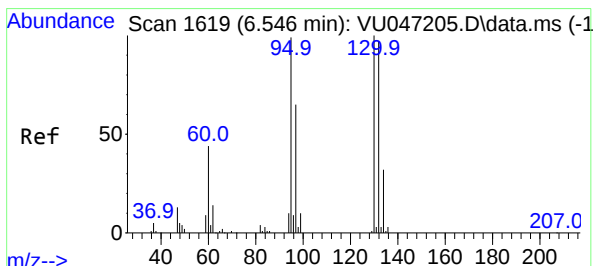
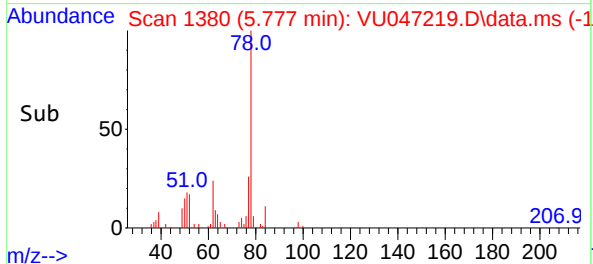
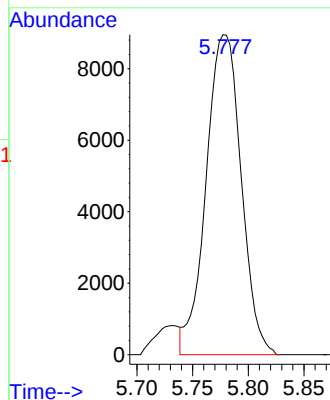
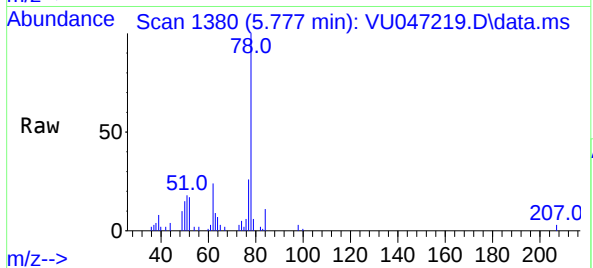




#33
Benzene
Concen: 0.431 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

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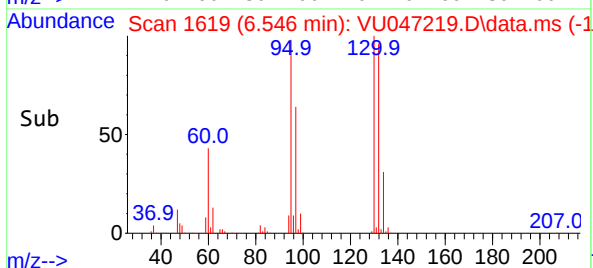
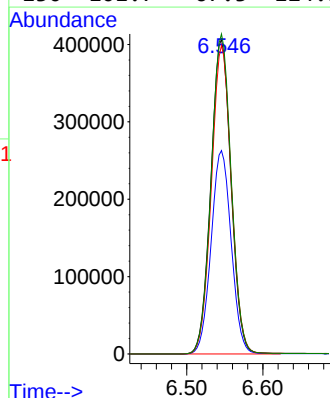
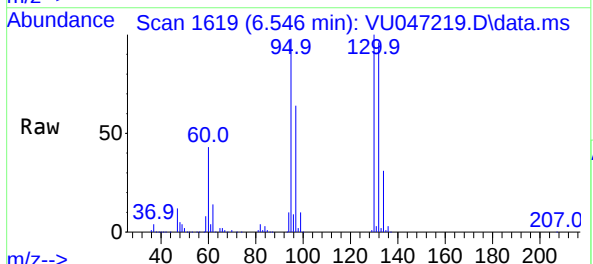
Tgt Ion: 78 Resp: 19600

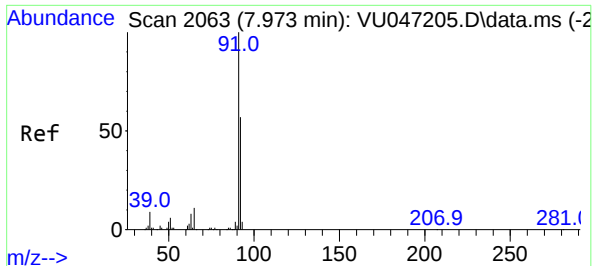


#34
Trichloroethene
Concen: 61.687 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

Tgt Ion: 95 Resp: 747900

Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.5	86.5
132	98.1	65.1	120.9
130	101.7	67.3	124.9

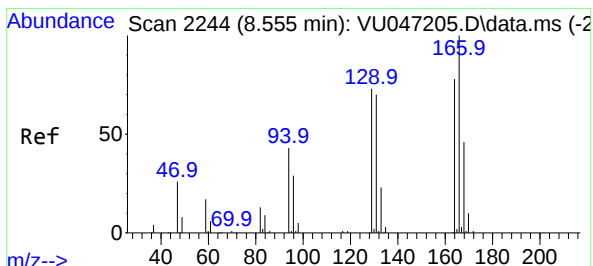
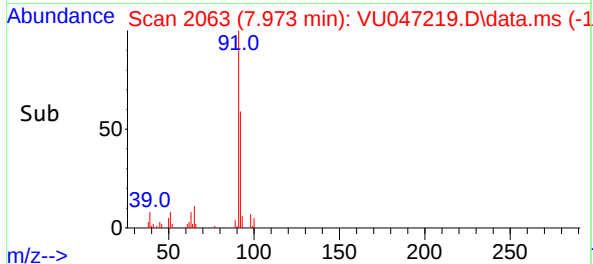
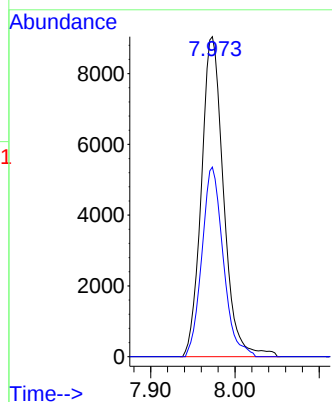
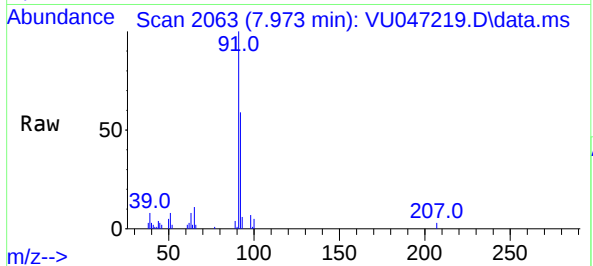




#42
Toluene
Concen: 0.328 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

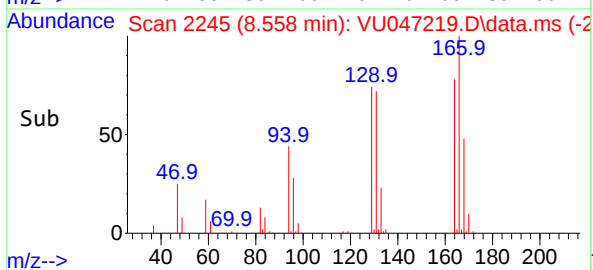
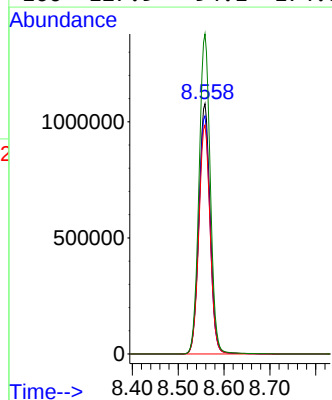
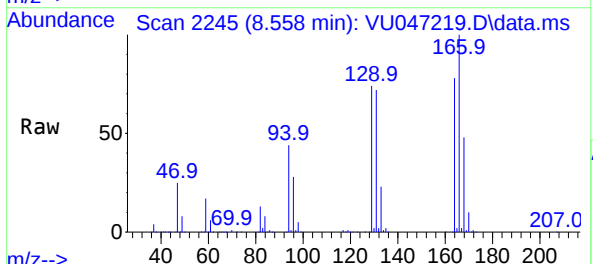
Instrument :
MSVOA_U
ClientSampleId :
BFY03

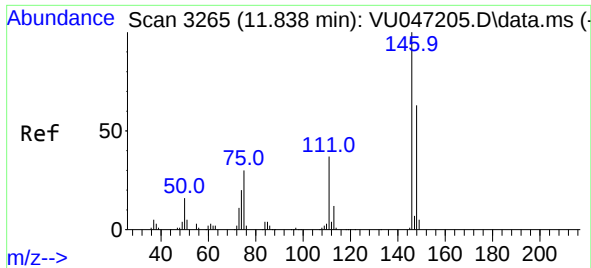
Tgt Ion: 91 Resp: 16586
Ion Ratio Lower Upper
91 100
92 59.3 41.3 76.7



#47
Tetrachloroethene
Concen: 186.414 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU047219.D
Acq: 17 Feb 2022 21:11

Tgt Ion: 164 Resp: 1834134
Ion Ratio Lower Upper
164 100
129 95.1 71.8 133.4
131 91.4 68.5 127.3
166 127.9 94.1 174.8





#65

1,4-Dichlorobenzene

Concen: 0.132 ug/L

RT: 11.838 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047219.D

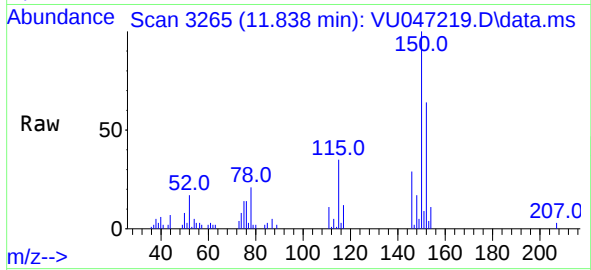
Acq: 17 Feb 2022 21:11

Instrument :

MSVOA_U

ClientSampleId :

BFY03



Tgt Ion:146 Resp: 3463

Ion Ratio Lower Upper

146 100

111 38.7 28.7 53.3

148 58.7 45.8 85.0

