

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047413.D
 Acq On : 09 Mar 2022 18:45
 Operator : SY/MD
 Sample : N1840-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY22

Quant Time: Mar 10 01:06:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

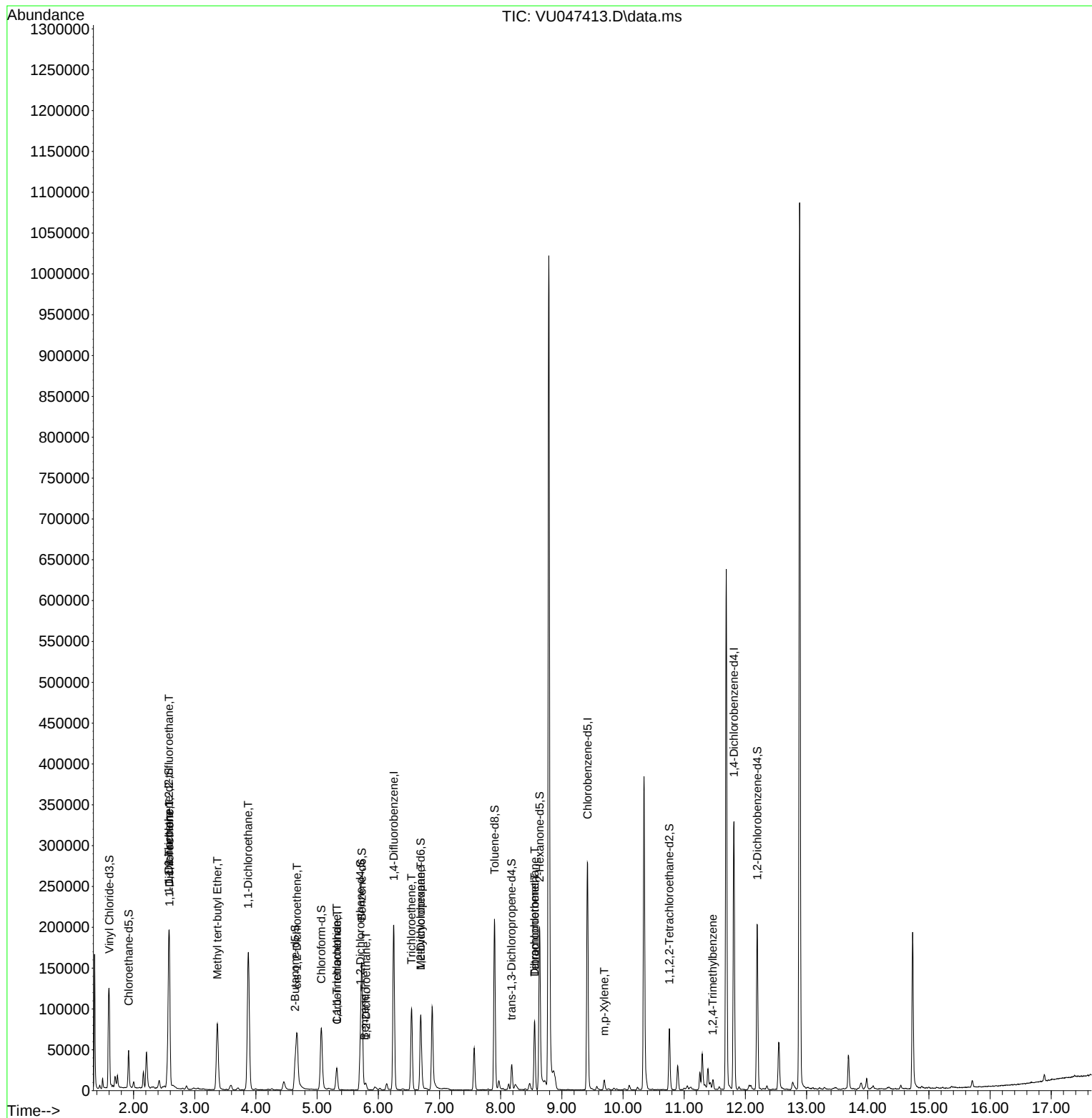
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	171439	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	162839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	91218	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	44878	4.827	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.600%
7) Chloroethane-d5	1.919	69	32482	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.575	65	20333	4.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	4.642	46	81073	48.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.940%
24) Chloroform-d	5.070	84	69814	4.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.706	65	35646	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.732	84	150888	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	6.694	67	44934	4.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.899	98	144000	4.783	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	8.179	79	18022	4.684	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.636	63	78569	46.360	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37121	4.701	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	55053	4.760	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	745	0.073	ug/L #	17
12) 1,1-Dichloroethene	2.588	96	44227	4.394	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	93503	3.602	ug/L	97
19) 1,1-Dichloroethane	3.874	63	196101	10.699	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	27761	2.325	ug/L	95
27) 1,2-Dichloroethane	5.800	62	6017	0.471	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	18821	1.119	ug/L	99
31) Carbon tetrachloride	5.324	117	2443	0.165	ug/L	95
33) Benzene	5.777	78	3386	0.077	ug/L	100
34) Trichloroethene	6.542	95	32021	2.724	ug/L	95
35) Methylcyclohexane	6.694	83	10875	0.586	ug/L #	61
47) Tetrachloroethene	8.555	164	20263	2.032	ug/L	93
49) Dibromochloromethane	8.555	129	17642	1.618	ug/L #	12
53) m,p-Xylene	9.693	106	3748	0.185	ug/L	93
63) 1,2,4-Trimethylbenzene	11.468	105	4371	0.101	ug/L	90

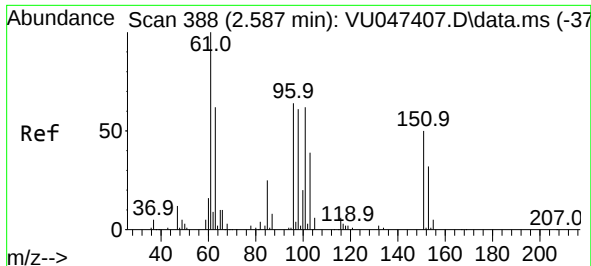
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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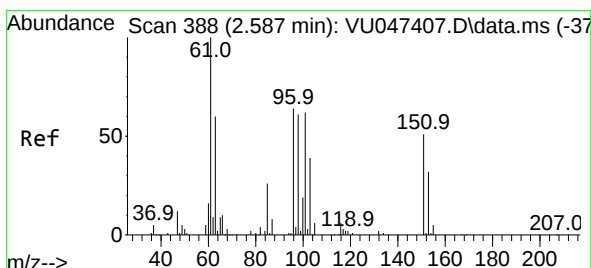
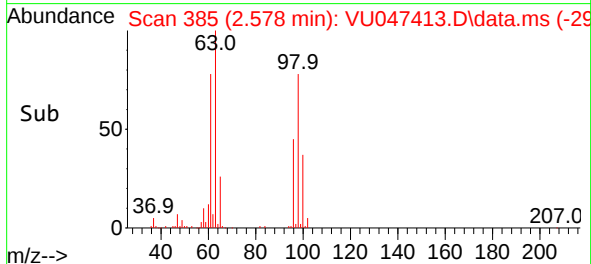
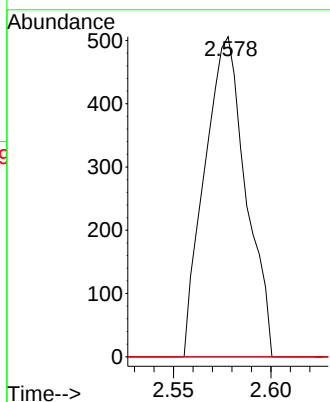
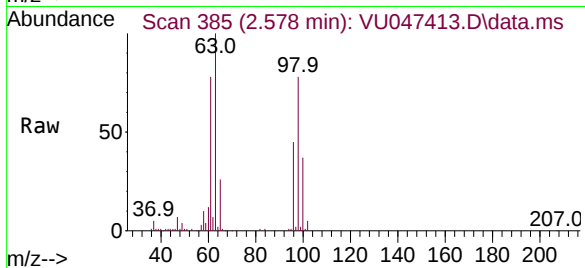




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.073 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.009 min
 Lab File: VU047413.D
 Acq: 09 Mar 2022 18:45

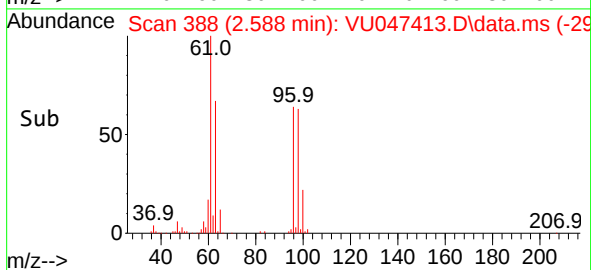
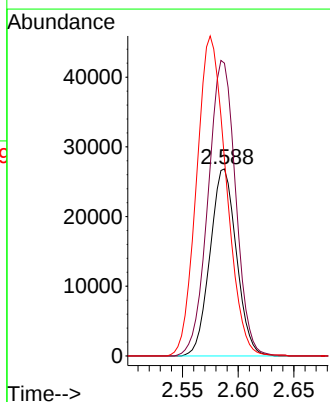
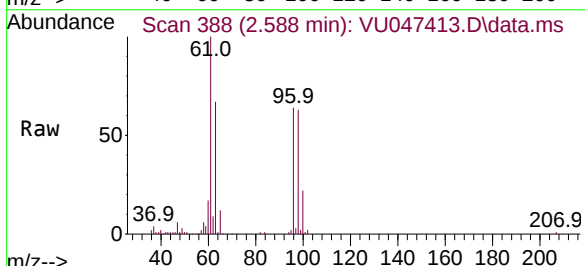
Instrument :
 MSVOA_U
 ClientSampleId :
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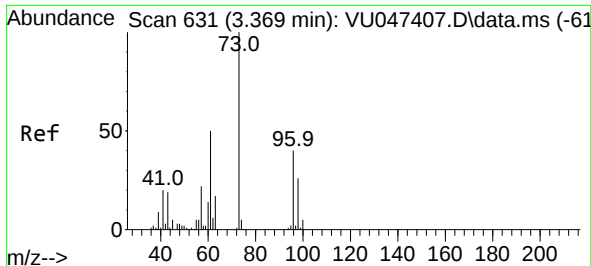
Tgt Ion:101 Resp: 745
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.8 50.6#
 151 0.0 64.8 97.2#



#12
 1,1-Dichloroethene
 Concen: 4.394 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047413.D
 Acq: 09 Mar 2022 18:45

Tgt Ion: 96 Resp: 44227
 Ion Ratio Lower Upper
 96 100
 61 156.5 108.8 202.0
 63 105.2 64.0 119.0





#17

Methyl tert-butyl Ether

Concen: 3.602 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047413.D

Acq: 09 Mar 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

BFY22

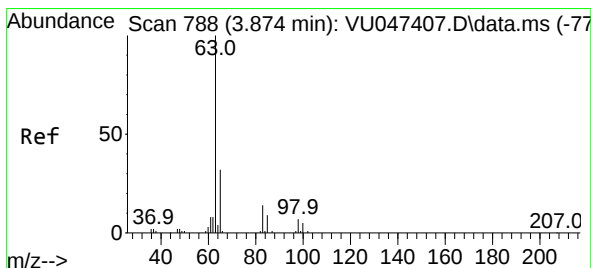
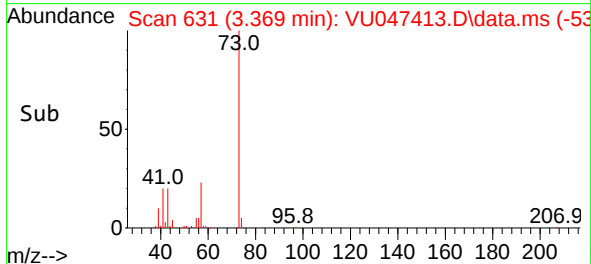
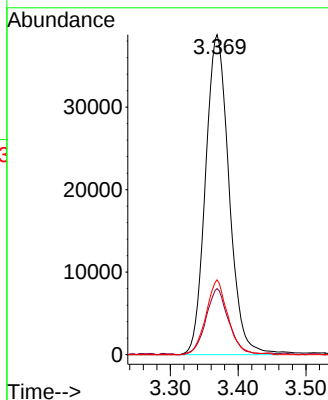
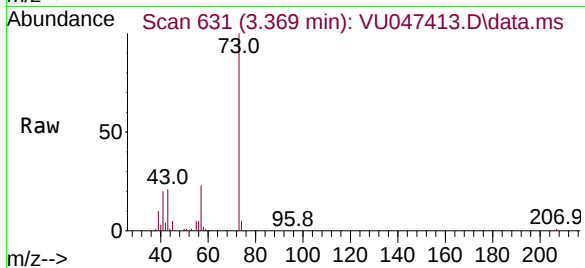
Tgt Ion: 73 Resp: 93503

Ion Ratio Lower Upper

73 100

43 20.0 14.6 22.0

57 21.8 16.5 24.7



#19

1,1-Dichloroethane

Concen: 10.699 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU047413.D

Acq: 09 Mar 2022 18:45

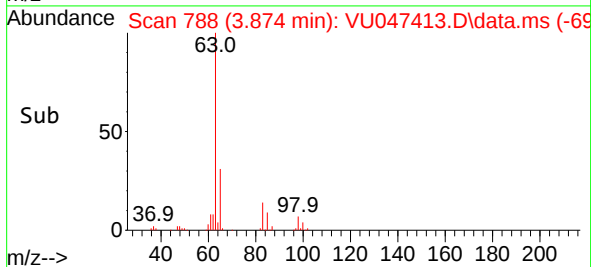
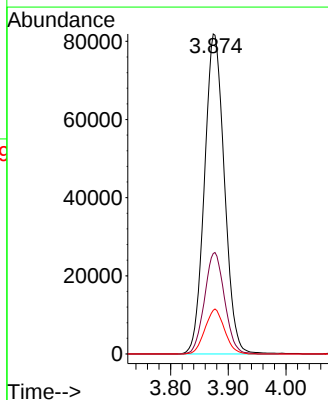
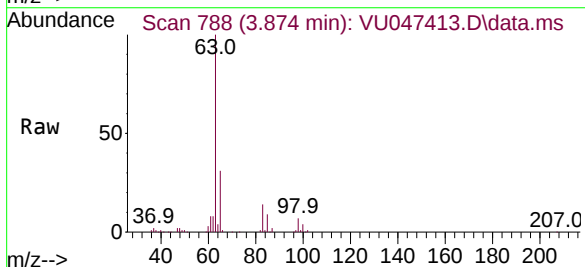
Tgt Ion: 63 Resp: 196101

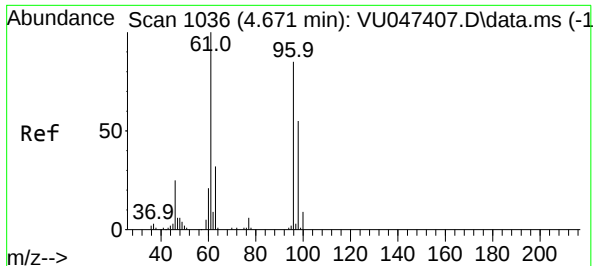
Ion Ratio Lower Upper

63 100

65 31.4 22.8 42.4

83 13.6 9.9 18.3





#22

cis-1,2-Dichloroethene

Concen: 2.325 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047413.D

Acq: 09 Mar 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

BFY22

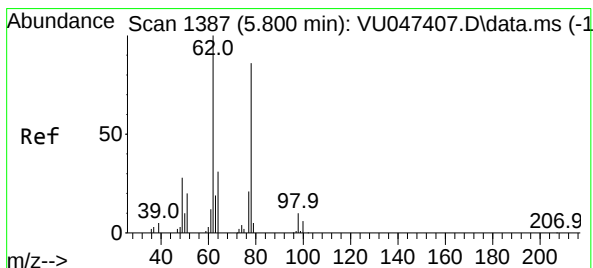
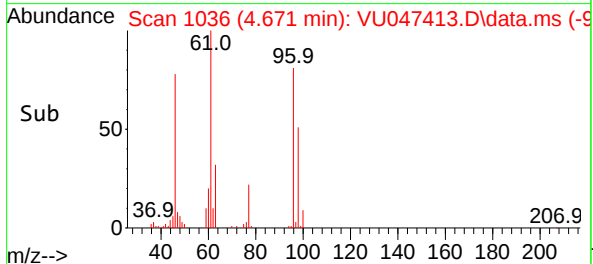
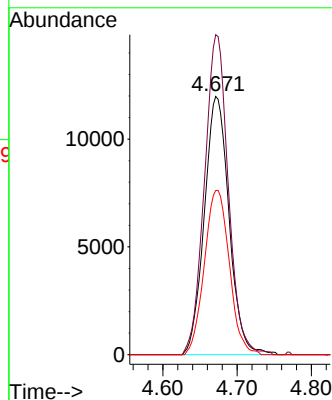
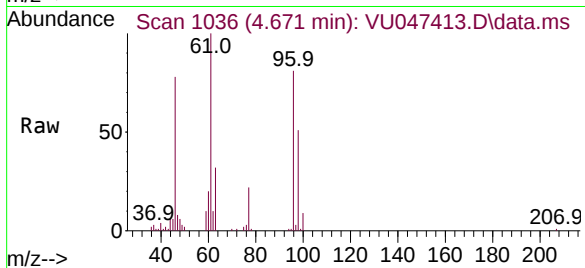
Tgt Ion: 96 Resp: 27761

Ion Ratio Lower Upper

96 100

61 123.9 80.8 150.0

98 63.6 44.7 83.1



#27

1,2-Dichloroethane

Concen: 0.471 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047413.D

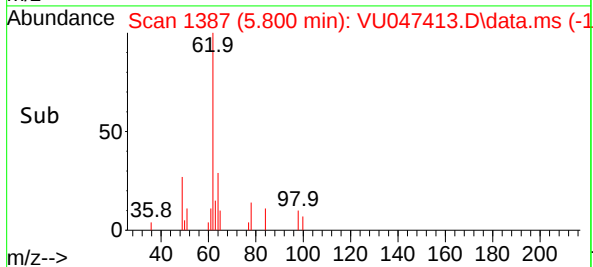
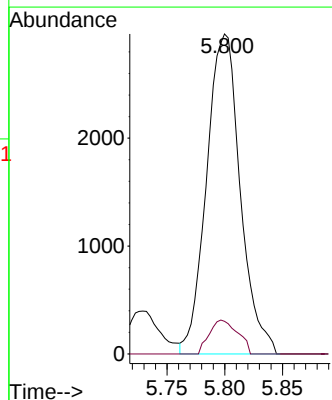
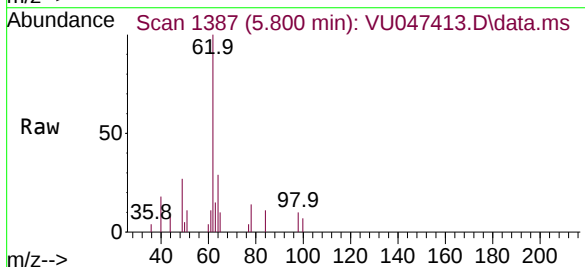
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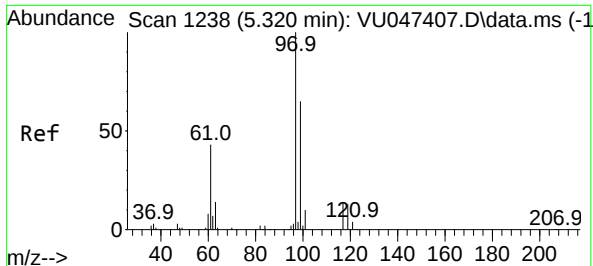
Tgt Ion: 62 Resp: 6017

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 1.119 ug/L

RT: 5.321 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047413.D

Acq: 09 Mar 2022 18:45

Instrument :

MSVOA_U

ClientSampleId :

BFY22

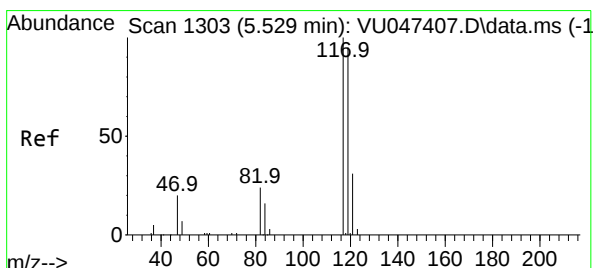
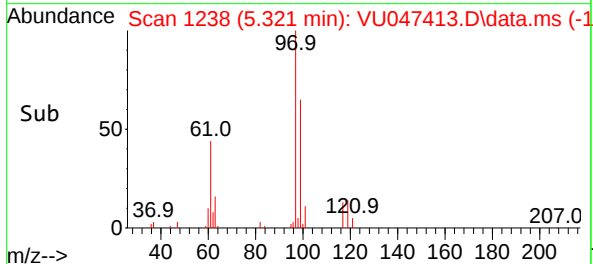
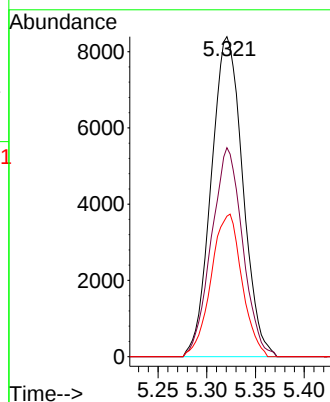
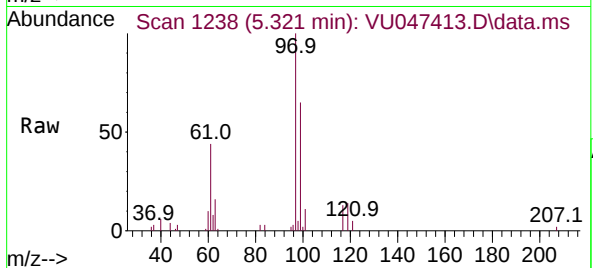
Tgt Ion: 97 Resp: 18821

Ion Ratio Lower Upper

97 100

99 65.0 52.1 78.1

61 43.7 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.165 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.206 min

Lab File: VU047413.D

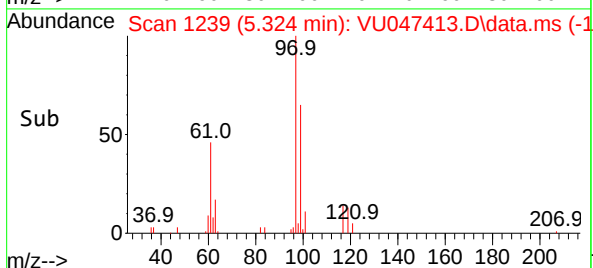
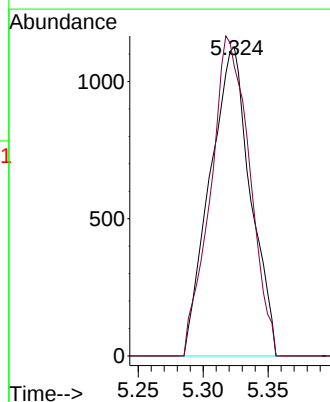
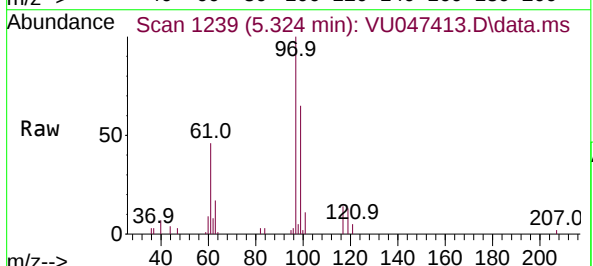
Acq: 09 Mar 2022 18:45

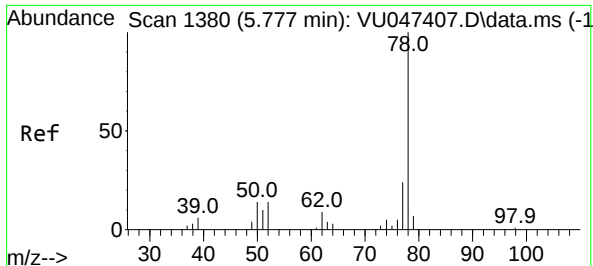
Tgt Ion: 117 Resp: 2443

Ion Ratio Lower Upper

117 100

119 99.7 75.8 113.8





#33

Benzene

Concen: 0.077 ug/L

RT: 5.777 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047413.D

Acq: 09 Mar 2022 18:45

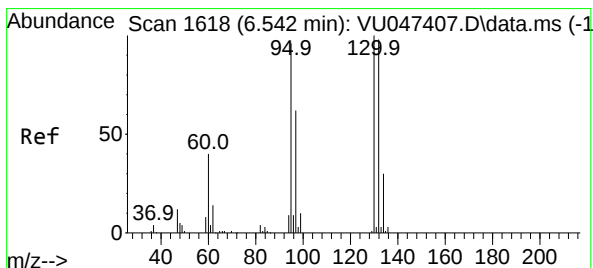
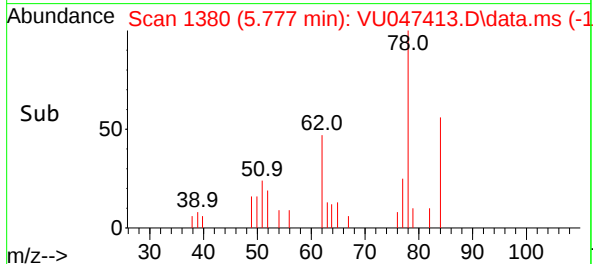
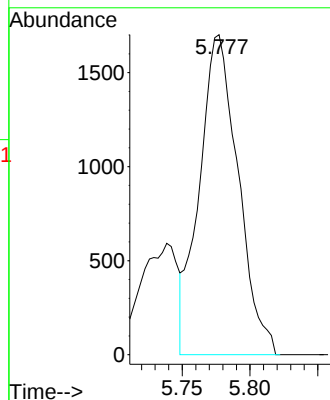
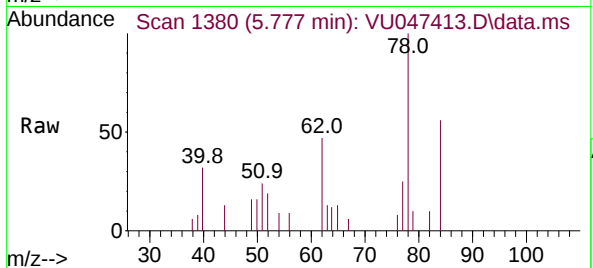
Instrument :

MSVOA_U

ClientSampleId :

BFY22

Tgt Ion: 78 Resp: 3386



#34

Trichloroethene

Concen: 2.724 ug/L

RT: 6.542 min Scan# 1618

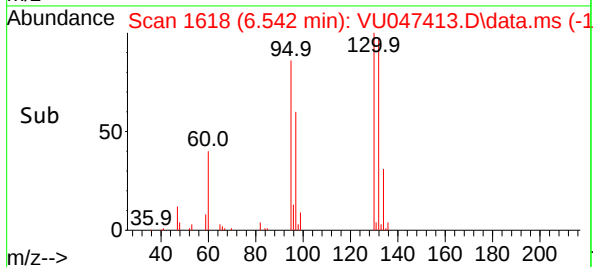
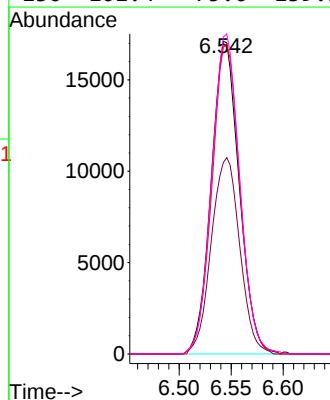
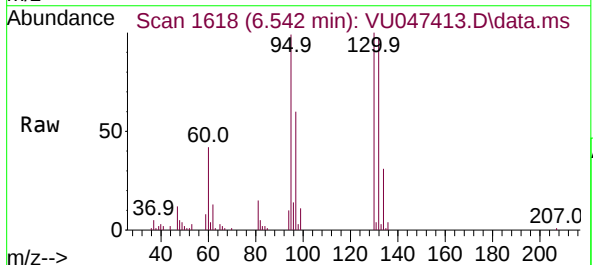
Delta R.T. 0.000 min

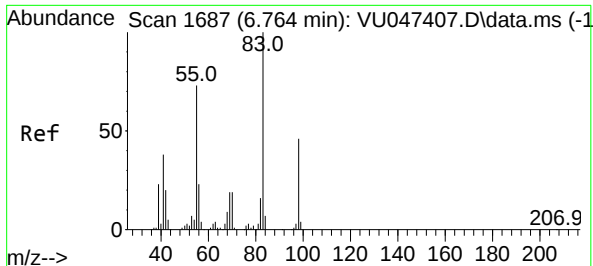
Lab File: VU047413.D

Acq: 09 Mar 2022 18:45

Tgt Ion: 95 Resp: 32021

Ion	Ratio	Lower	Upper
95	100		
97	61.3	46.3	85.9
132	98.1	71.7	133.1
130	101.4	75.0	139.2

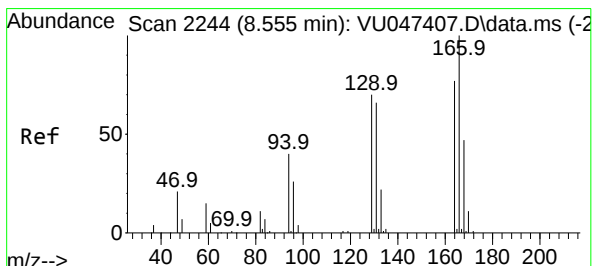
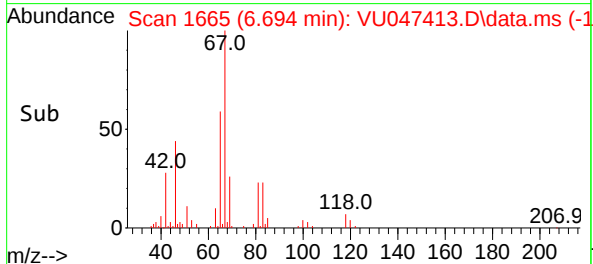
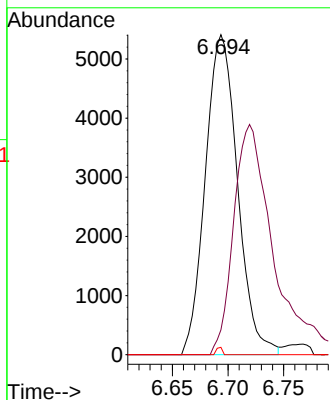
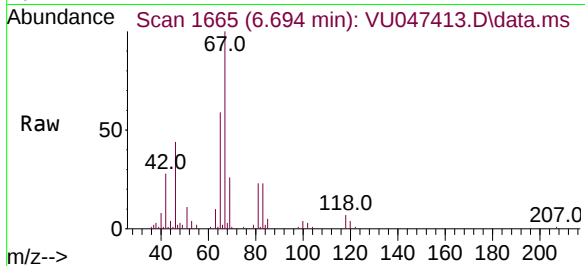




#35
Methylcyclohexane
Concen: 0.586 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.071 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

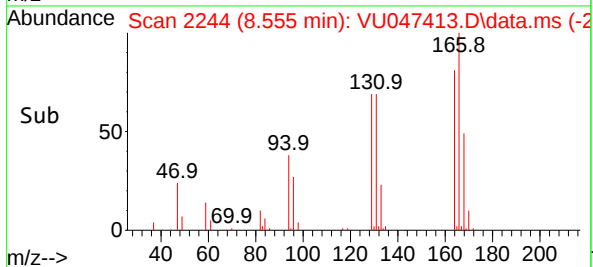
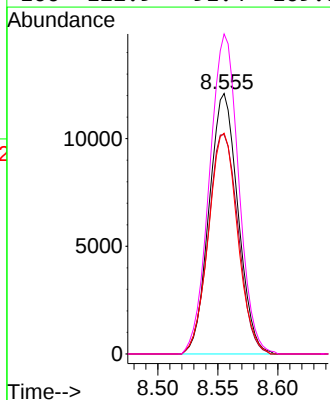
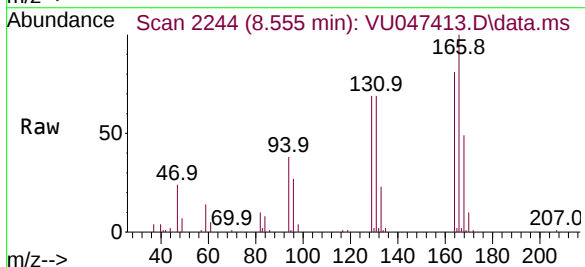
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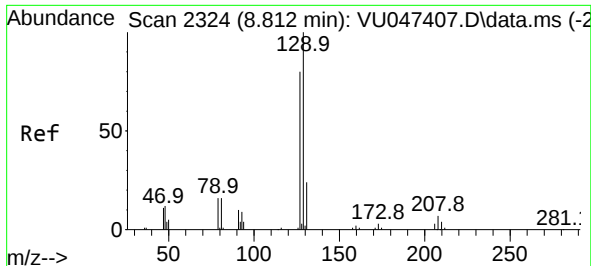
Tgt Ion: 83 Resp: 10875
Ion Ratio Lower Upper
83 100
55 88.1 57.8 86.8#
98 0.4 38.0 57.0#



#47
Tetrachloroethene
Concen: 2.032 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

Tgt Ion: 164 Resp: 20263
Ion Ratio Lower Upper
164 100
129 84.2 64.9 120.5
131 84.8 63.6 118.2
166 122.9 91.4 169.8

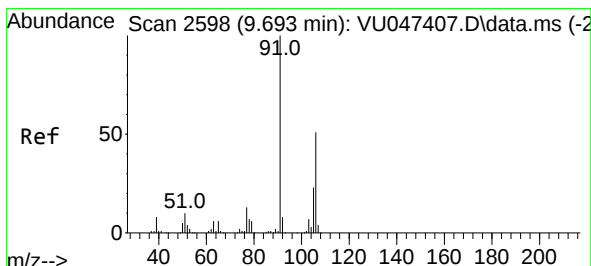
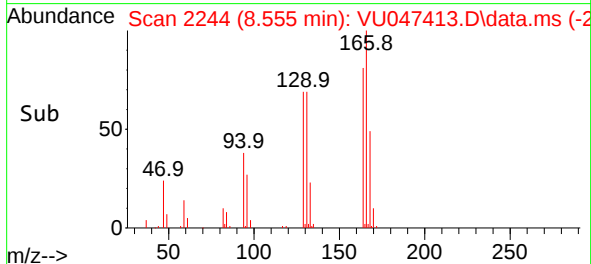
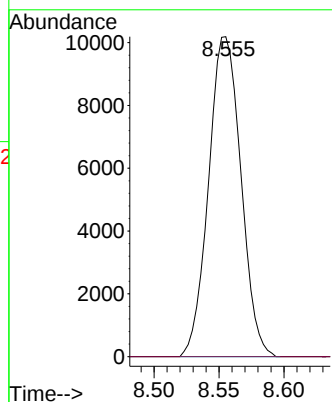
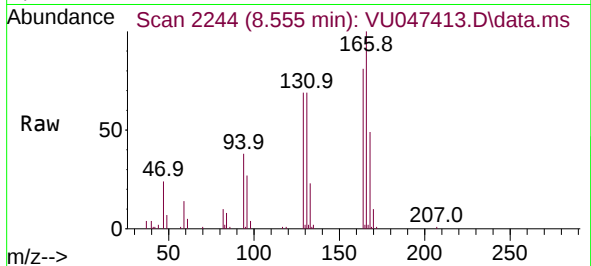




#49
Dibromochloromethane
Concen: 1.618 ug/L
RT: 8.555 min Scan# 211
Delta R.T. -0.257 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

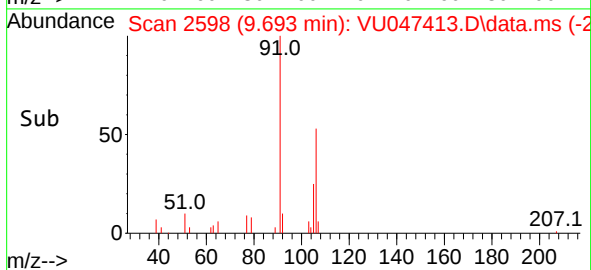
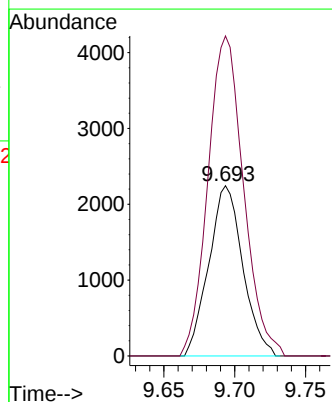
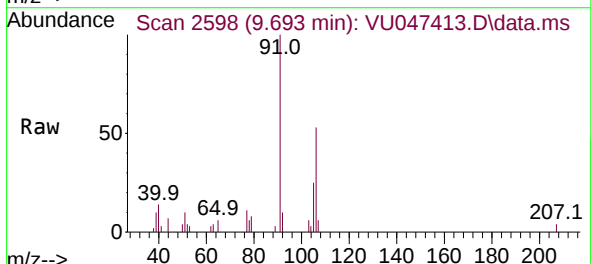
Instrument :
MSVOA_U
ClientSampleId :
BFY22

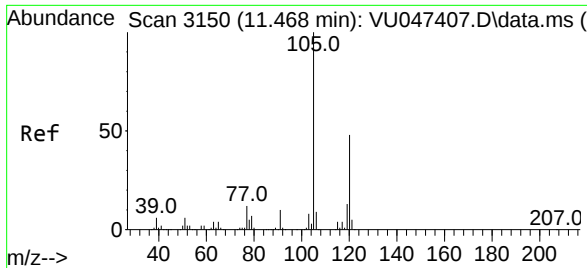
Tgt Ion:129 Resp: 17642
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#



#53
m,p-Xylene
Concen: 0.185 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU047413.D
Acq: 09 Mar 2022 18:45

Tgt Ion:106 Resp: 3748
Ion Ratio Lower Upper
106 100
91 188.0 138.8 257.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.101 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU047413.D
 Acq: 09 Mar 2022 18:45

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY22

Tgt Ion:105 Resp: 4371
 Ion Ratio Lower Upper
 105 100
 120 40.2 37.2 55.8

