

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047368.D
 Acq On : 07 Mar 2022 15:32
 Operator : SY/MD
 Sample : N1773-09DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY16DL

Quant Time: Mar 08 03:01:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

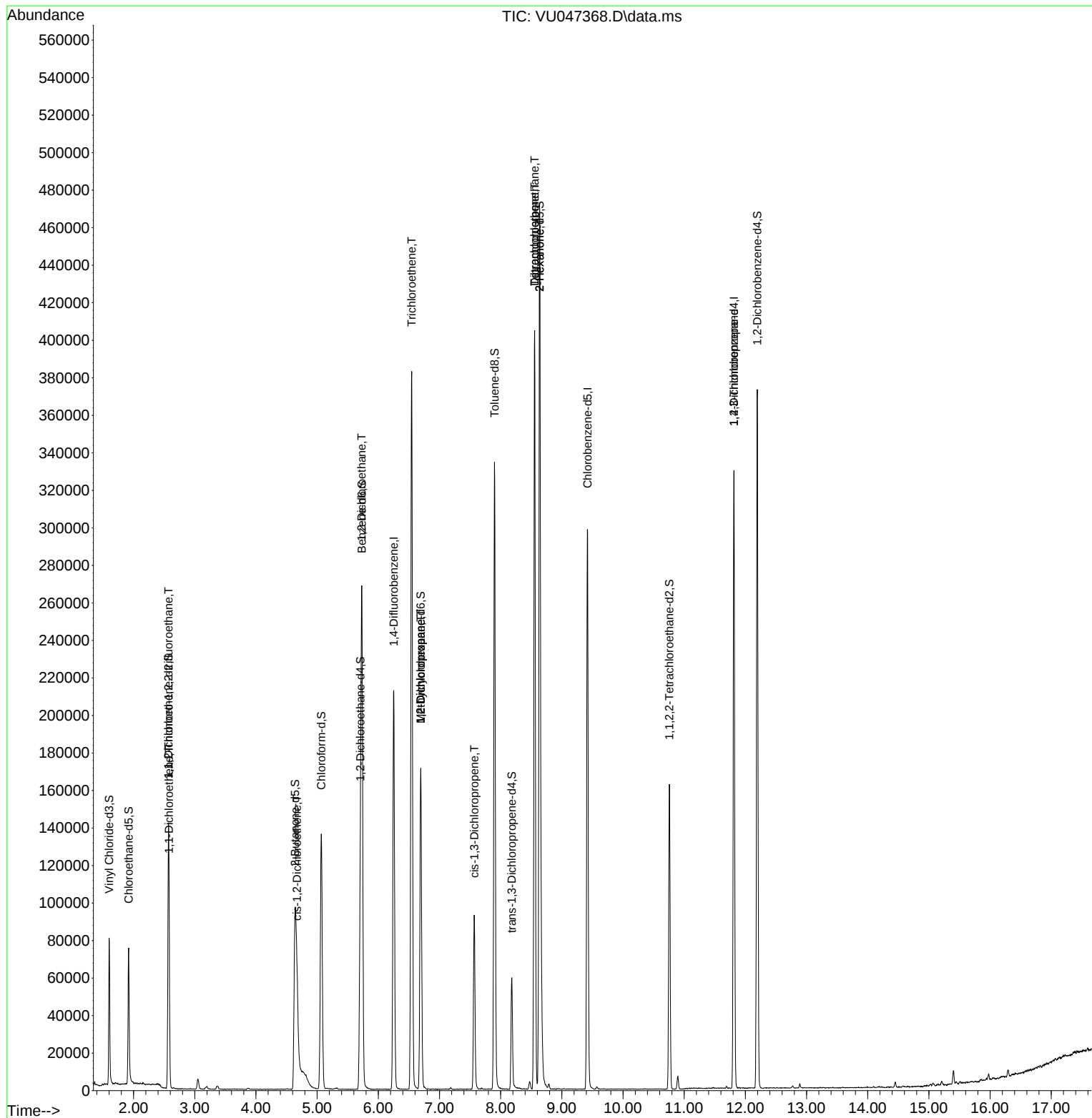
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	183533	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	176636	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	93033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	57964	4.450	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.919	69	55684	5.124	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.572	65	25800	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.639	46	198768	46.480	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.960%
24) Chloroform-d	5.070	84	128759	5.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.706	65	71949	5.327	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.732	84	256046	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.694	67	83169	5.368	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.899	98	230762	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.182	79	34447	5.059	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.200%
46) 2-Hexanone-d5	8.636	63	196827	50.794	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	79323	5.025	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	104465	5.730	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	696	0.079	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	1877	0.209	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	13859	1.303	ug/L	96
27) 1,2-Dichloroethane	5.729	62	1421	0.119	ug/L #	73
34) Trichloroethene	6.546	95	130918	12.495	ug/L	93
35) Methylcyclohexane	6.694	83	19404	1.208	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	8668	0.877	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	2136	0.136	ug/L #	72
47) Tetrachloroethene	8.555	164	94079	10.540	ug/L	91
48) 2-Hexanone	8.636	43	23149	4.162	ug/L #	69
49) Dibromochloromethane	8.555	129	85299	8.479	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	9579	1.240	ug/L #	68

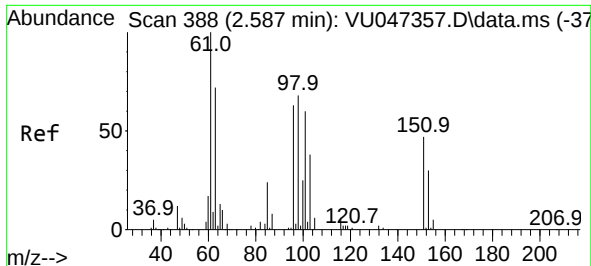
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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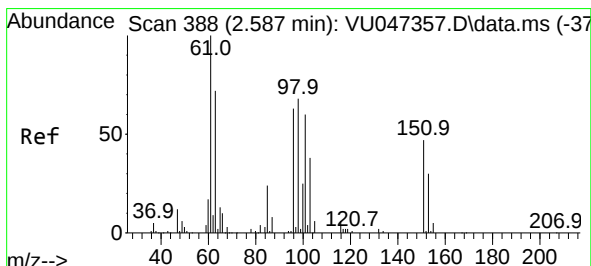
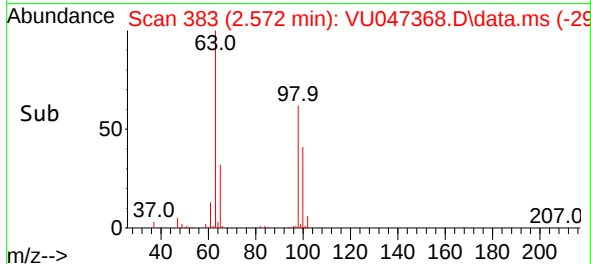
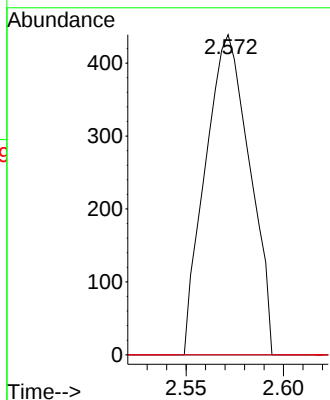
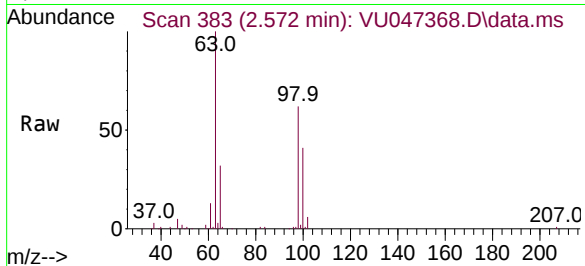




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.079 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.016 min
 Lab File: VU047368.D
 Acq: 07 Mar 2022 15:32

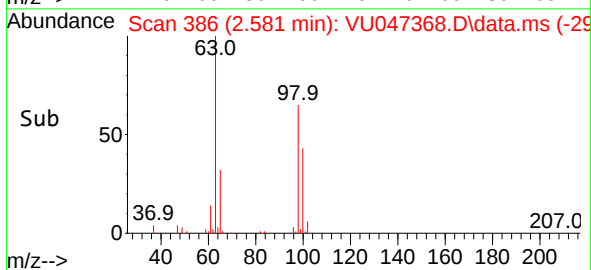
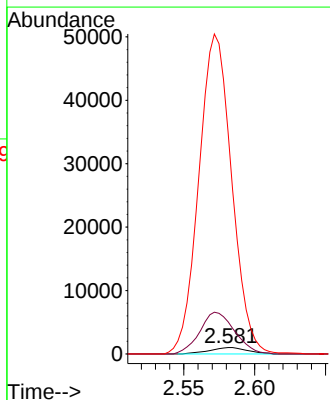
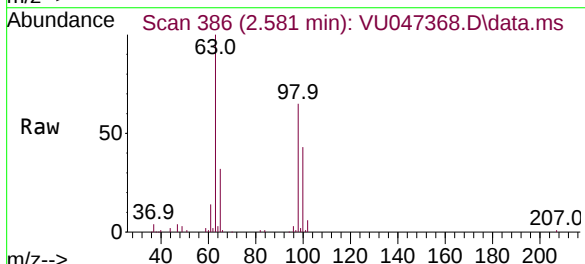
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY16DL

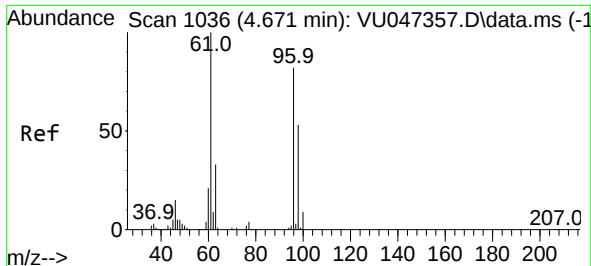
Tgt Ion:101 Resp: 696
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.209 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU047368.D
 Acq: 07 Mar 2022 15:32

Tgt Ion: 96 Resp: 1877
 Ion Ratio Lower Upper
 96 100
 61 499.0 124.7 231.5#
 63 3443.8 105.2 195.4#





#22

cis-1,2-Dichloroethene

Concen: 1.303 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047368.D

Acq: 07 Mar 2022 15:32

Instrument :

MSVOA_U

ClientSampleId :

BFY16DL

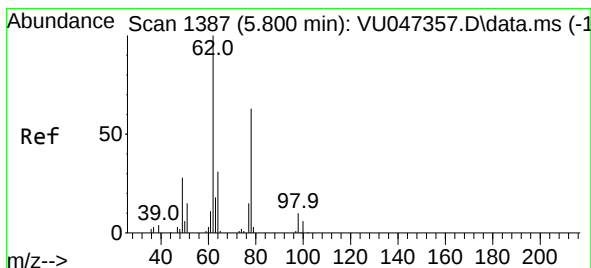
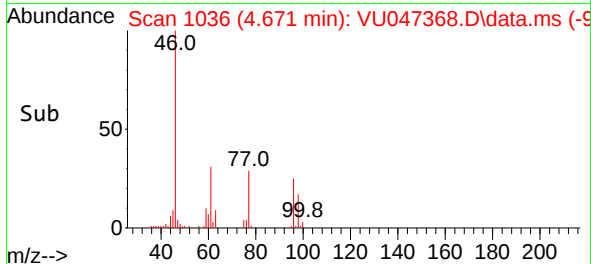
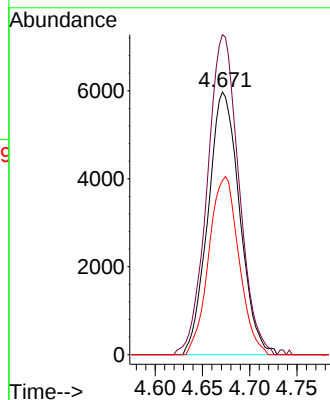
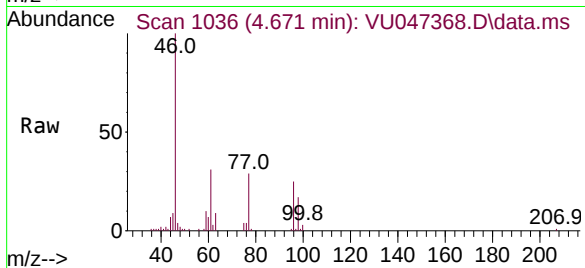
Tgt Ion: 96 Resp: 13859

Ion Ratio Lower Upper

96 100

61 121.8 88.5 164.3

98 66.3 44.4 82.5



#27

1,2-Dichloroethane

Concen: 0.119 ug/L

RT: 5.729 min Scan# 1365

Delta R.T. -0.071 min

Lab File: VU047368.D

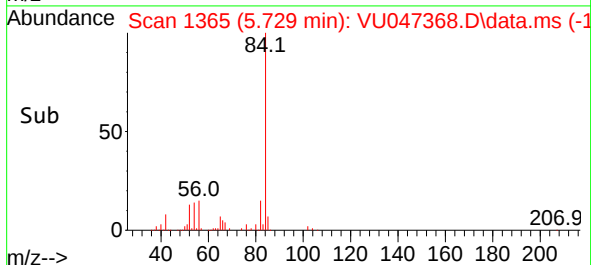
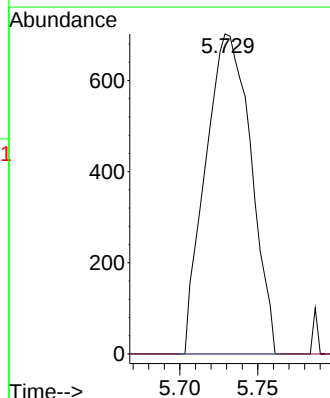
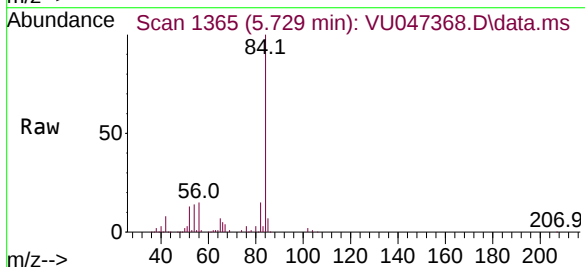
Acq: 07 Mar 2022 15:32

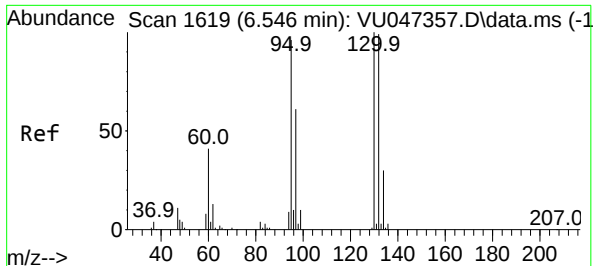
Tgt Ion: 62 Resp: 1421

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#





#34

Trichloroethene

Concen: 12.495 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047368.D

Acq: 07 Mar 2022 15:32

Instrument :

MSVOA_U

ClientSampleId :

BFY16DL

Tgt Ion: 95 Resp: 130918

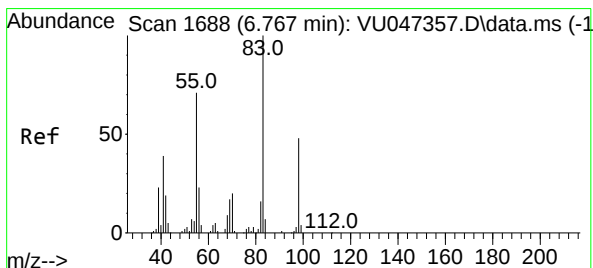
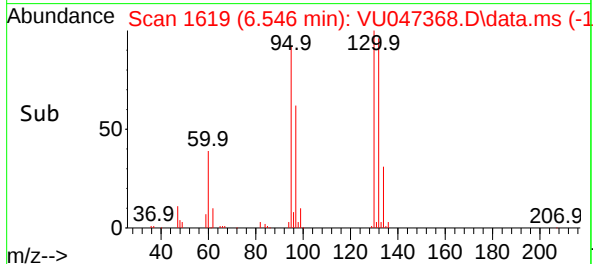
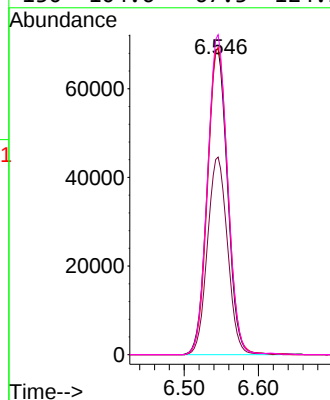
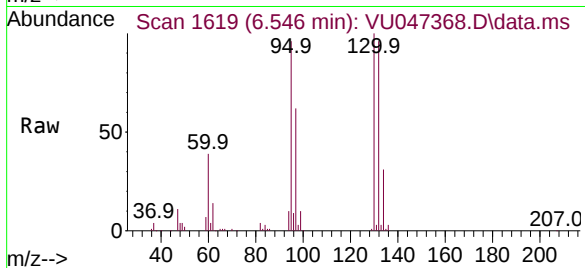
Ion Ratio Lower Upper

95 100

97 64.6 46.5 86.5

132 100.4 65.1 120.9

130 104.6 67.3 124.9



#35

Methylcyclohexane

Concen: 1.208 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU047368.D

Acq: 07 Mar 2022 15:32

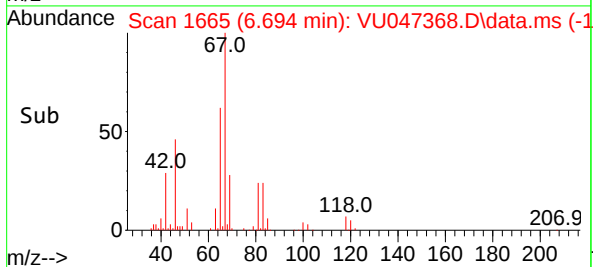
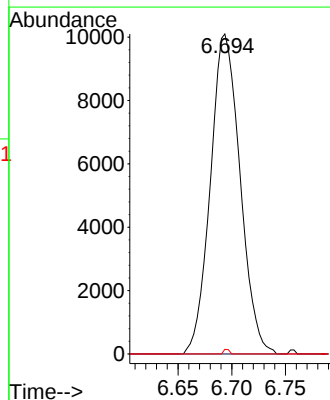
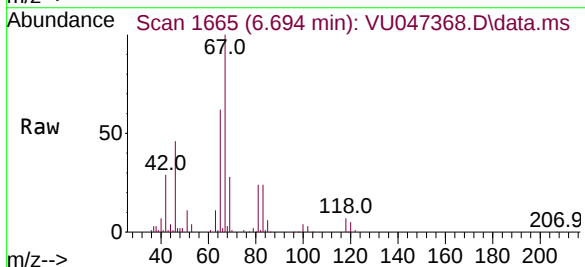
Tgt Ion: 83 Resp: 19404

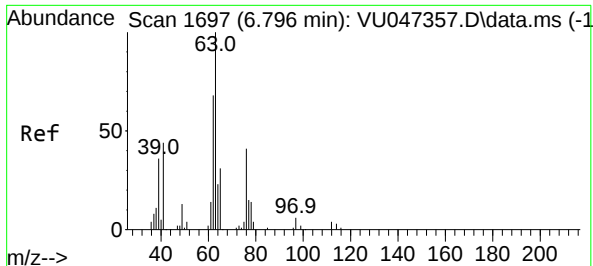
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.877 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047368.D

Acq: 07 Mar 2022 15:32

Instrument :

MSVOA_U

ClientSampleId :

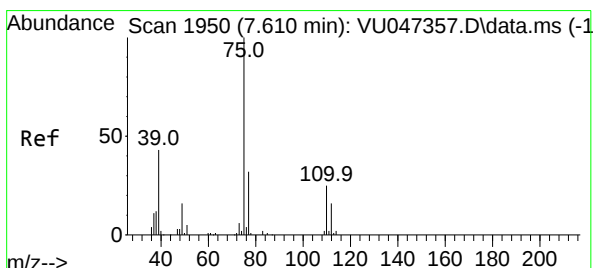
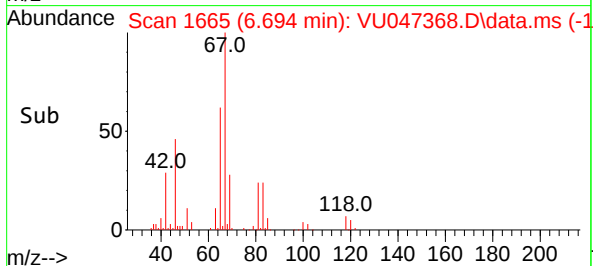
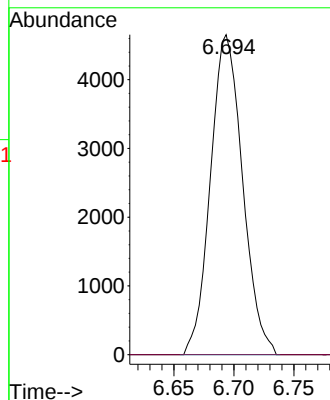
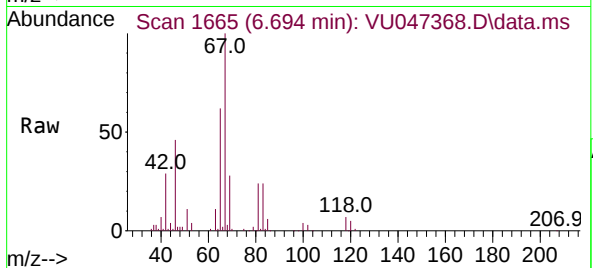
BFY16DL

Tgt Ion: 63 Resp: 8668

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.136 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.039 min

Lab File: VU047368.D

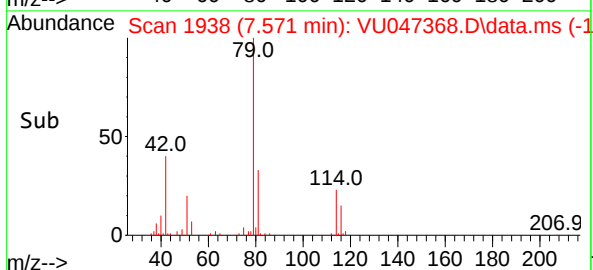
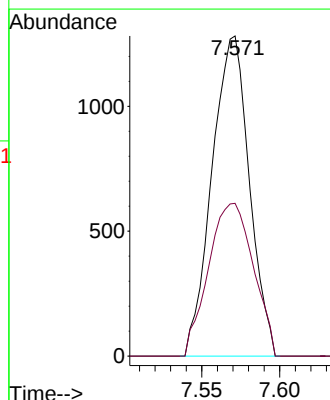
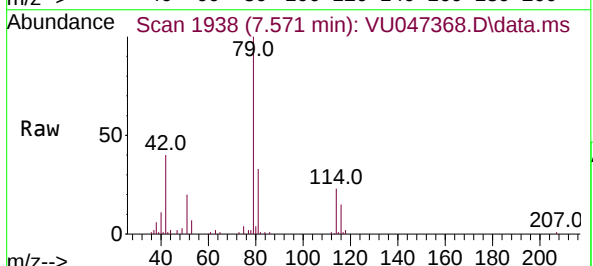
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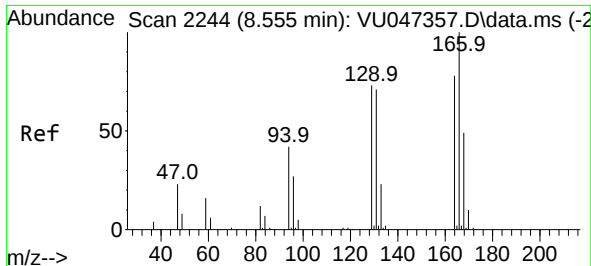
Tgt Ion: 75 Resp: 2136

Ion Ratio Lower Upper

75 100

77 47.7 22.5 41.9#

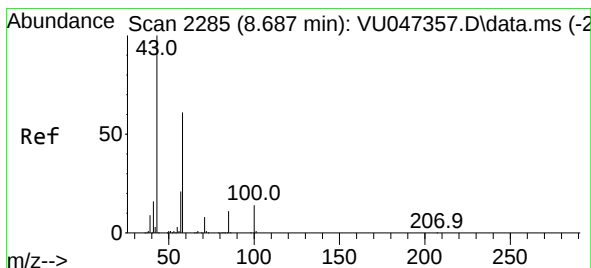
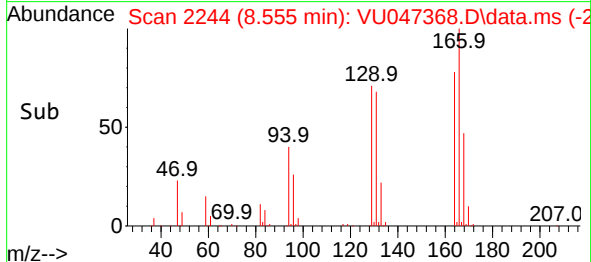
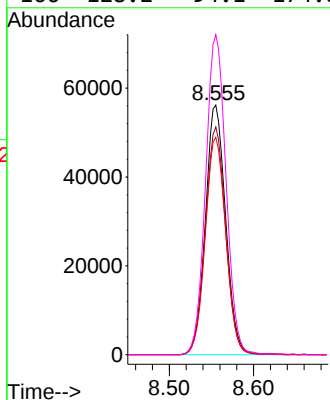
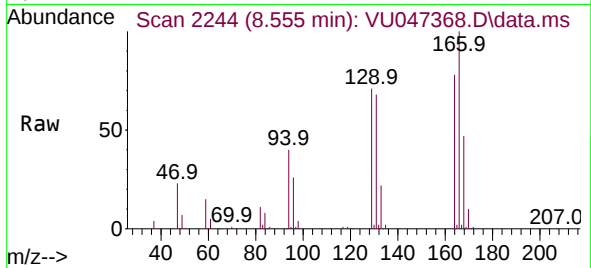




#47
Tetrachloroethene
Concen: 10.540 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047368.D
Acq: 07 Mar 2022 15:32

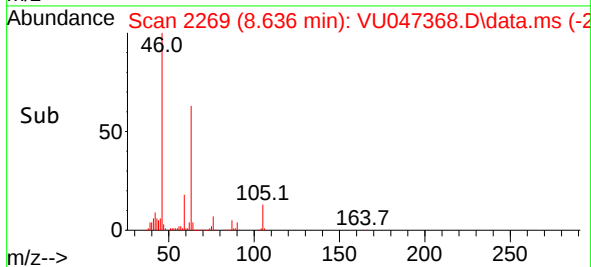
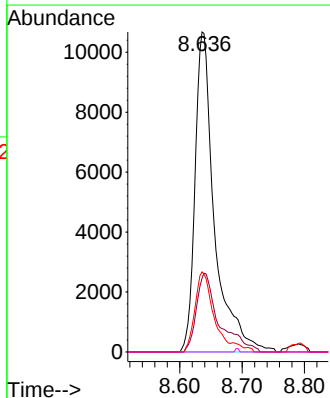
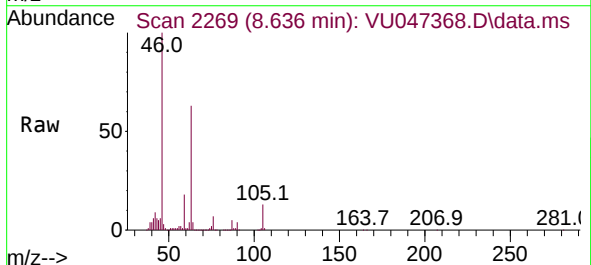
Instrument :
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ClientSampleId :
BFY16DL

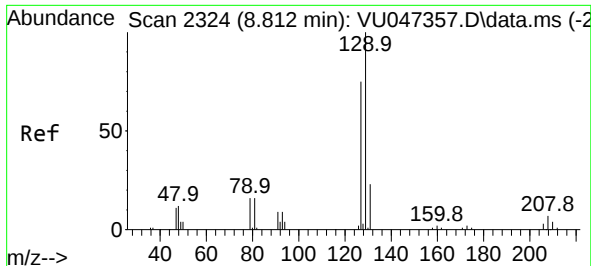
Tgt Ion:	164	Resp:	94079
Ion	Ratio	Lower	Upper
164	100		
129	91.2	71.8	133.4
131	87.1	68.5	127.3
166	128.2	94.1	174.8



#48
2-Hexanone
Concen: 4.162 ug/L
RT: 8.636 min Scan# 2269
Delta R.T. -0.051 min
Lab File: VU047368.D
Acq: 07 Mar 2022 15:32

Tgt Ion:	43	Resp:	23149
Ion	Ratio	Lower	Upper
43	100		
58	28.6	46.7	70.1#
57	23.4	16.3	24.5
100	0.2	10.5	15.7#

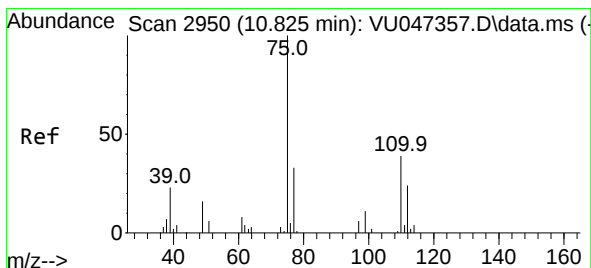
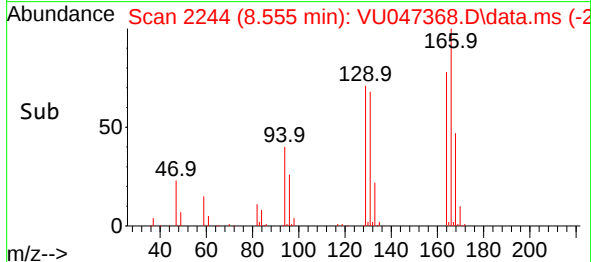
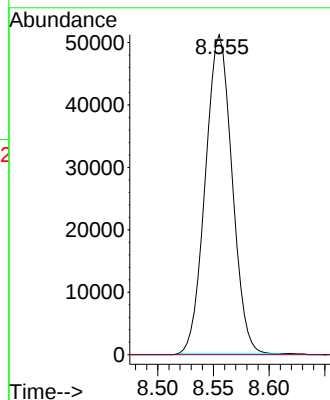
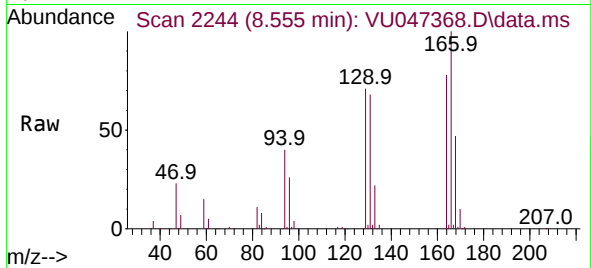




#49
Dibromochloromethane
Concen: 8.479 ug/L
RT: 8.555 min Scan# 211
Delta R.T. -0.257 min
Lab File: VU047368.D
Acq: 07 Mar 2022 15:32

Instrument :
MSVOA_U
ClientSampleId :
BFY16DL

Tgt Ion:129 Resp: 85299
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.240 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047368.D
Acq: 07 Mar 2022 15:32

Tgt Ion: 75 Resp: 9579
Ion Ratio Lower Upper
75 100
110 2.1 29.9 44.9#
77 32.3 25.5 38.3

