

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047333.D
 Acq On : 04 Mar 2022 16:44
 Operator : SY/MD
 Sample : N1773-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY13

Quant Time: Mar 04 23:23:14 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)

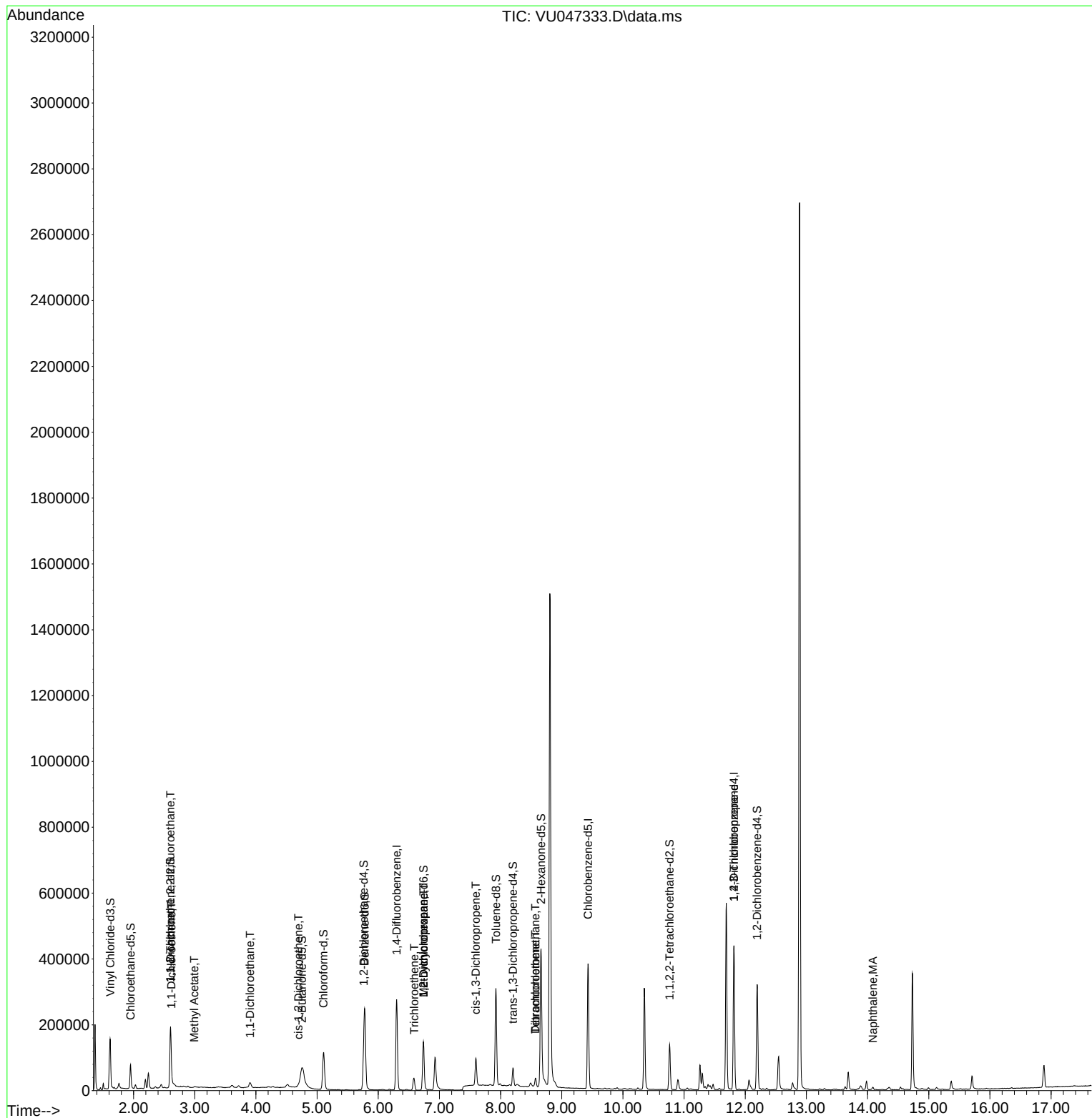
Internal Standards						
1) 1,4-Difluorobenzene	6.301	114	226802	5.000	ug/L	0.05
28) Chlorobenzene-d5	9.430	117	219443	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	121132	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.620	65	60637	3.767	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.951	69	53216	3.963	ug/L	0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.604	65	28868	4.246	ug/L	0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.755	46	195980	37.085	ug/L	0.11
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.160%
24) Chloroform-d	5.105	84	106242	3.572	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.400%
26) 1,2-Dichloroethane-d4	5.764	65	60721	3.638	ug/L	0.06
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
32) Benzene-d6	5.780	84	216600	3.505	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.000%
36) 1,2-Dichloropropane-d6	6.738	67	70500	3.662	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.200%
41) Toluene-d8	7.925	98	200883	3.442	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	8.205	79	31262	3.696	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.661	63	176688	36.702	ug/L	0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.400%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	69110	3.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	87504	3.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.800%#
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.604	101	971	0.089	ug/L #	21
12) 1,1-Dichloroethene	2.616	96	3476	0.313	ug/L #	1
15) Methyl Acetate	2.993	43	912	0.187	ug/L #	60
19) 1,1-Dichloroethane	3.906	63	15532	0.773	ug/L	98
22) cis-1,2-Dichloroethene	4.697	96	1987	0.151	ug/L	92
34) Trichloroethene	6.587	95	8638	0.664	ug/L	96
35) Methylcyclohexane	6.738	83	16670	0.835	ug/L #	35
37) 1,2-Dichloropropane	6.738	63	7223	0.588	ug/L #	88
39) cis-1,3-Dichloropropene	7.594	75	2122	0.109	ug/L #	46
47) Tetrachloroethene	8.571	164	5893	0.531	ug/L	87
49) Dibromochloromethane	8.571	129	5149	0.412	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	12740	1.267	ug/L #	67
71) Naphthalene	14.085	128	5740	0.131	ug/L	99

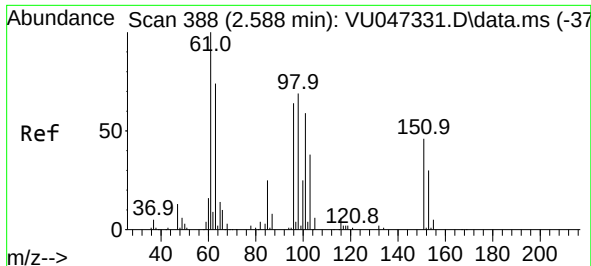
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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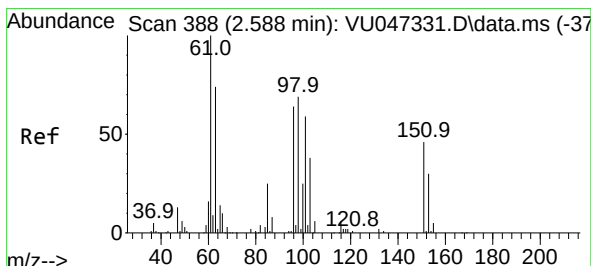
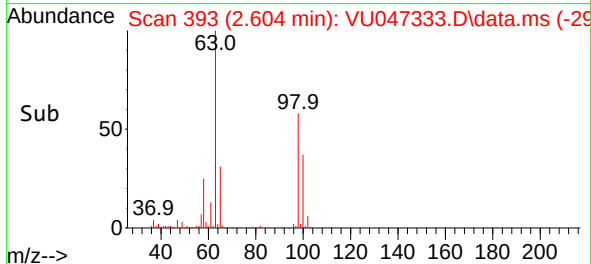
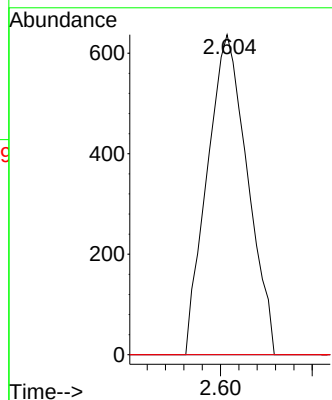
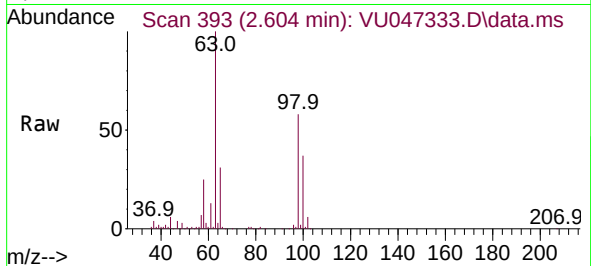




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.089 ug/L
RT: 2.604 min Scan# 393
Delta R.T. 0.016 min
Lab File: VU047333.D
Acq: 04 Mar 2022 16:44

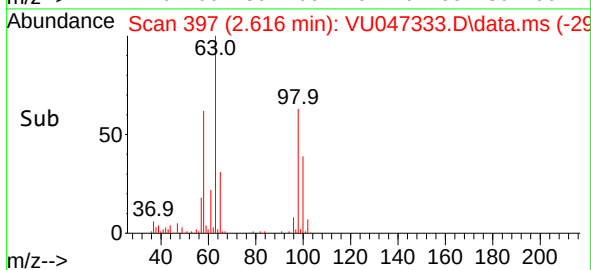
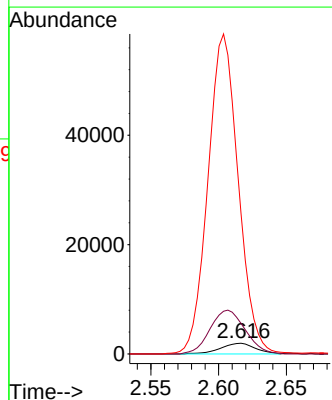
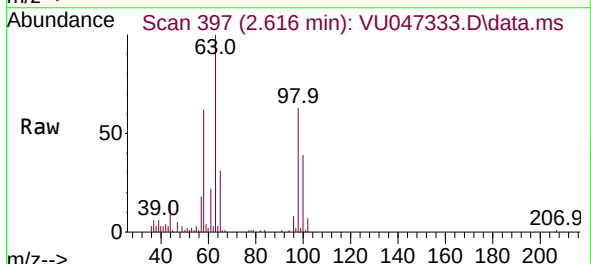
Instrument :
MSVOA_U
ClientSampleId :
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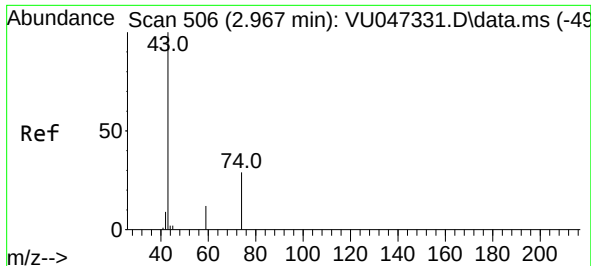
Tgt Ion:101 Resp: 971
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.313 ug/L
RT: 2.616 min Scan# 397
Delta R.T. 0.029 min
Lab File: VU047333.D
Acq: 04 Mar 2022 16:44

Tgt Ion: 96 Resp: 3476
Ion Ratio Lower Upper
96 100
61 285.6 124.7 231.5#
63 1317.9 105.2 195.4#

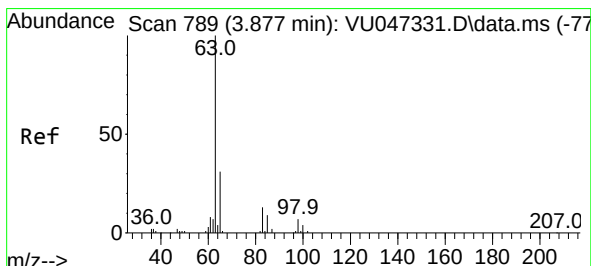
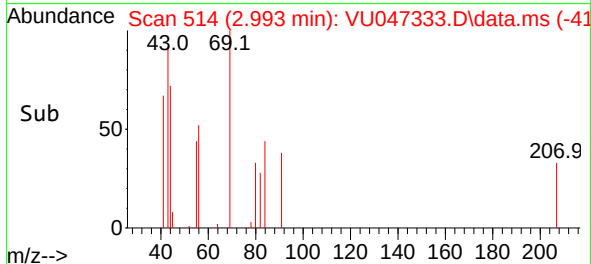
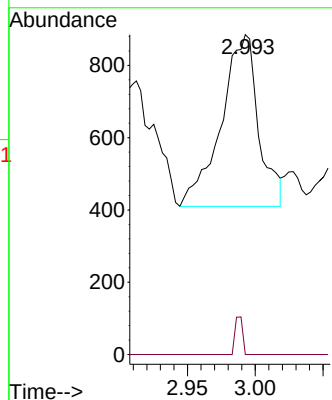
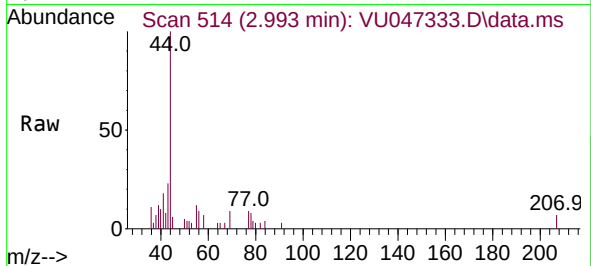




#15
Methyl Acetate
Concen: 0.187 ug/L
RT: 2.993 min Scan# 514
Delta R.T. 0.026 min
Lab File: VU047333.D
Acq: 04 Mar 2022 16:44

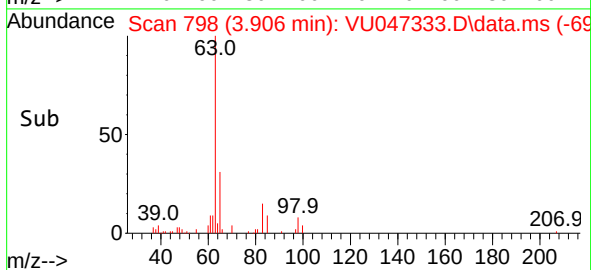
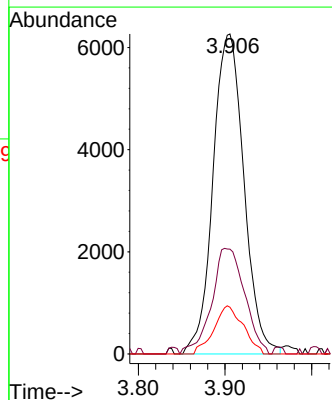
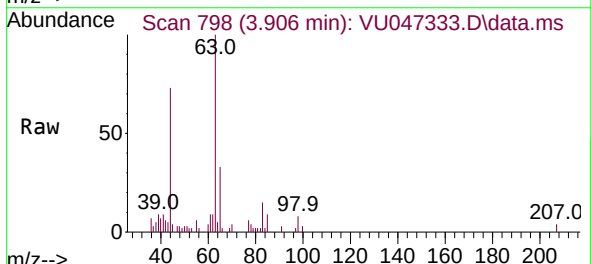
Instrument :
MSVOA_U
ClientSampleId :
BFY13

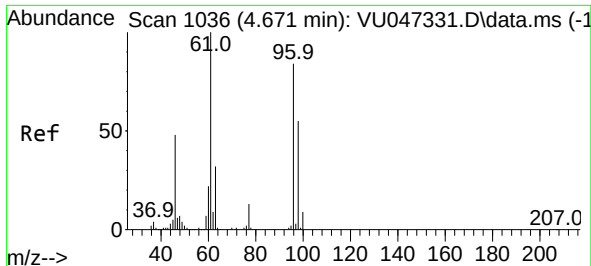
Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
74 4.4 19.1 28.7#



#19
1,1-Dichloroethane
Concen: 0.773 ug/L
RT: 3.906 min Scan# 798
Delta R.T. 0.029 min
Lab File: VU047333.D
Acq: 04 Mar 2022 16:44

Tgt Ion: 63 Resp: 15532
Ion Ratio Lower Upper
63 100
65 32.7 22.3 41.5
83 14.6 9.6 17.8

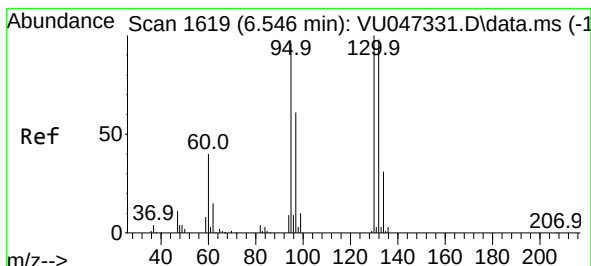
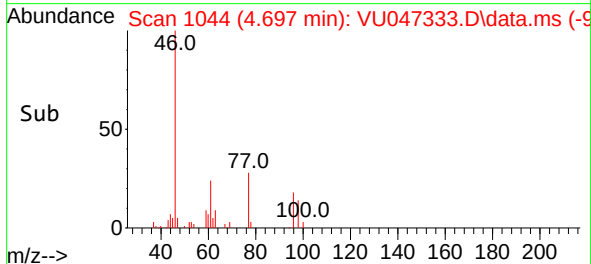
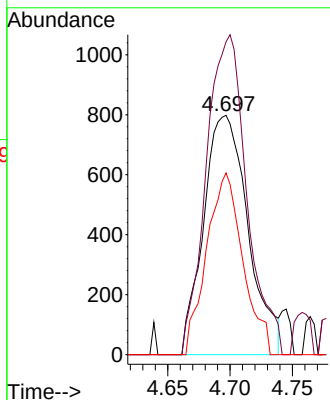
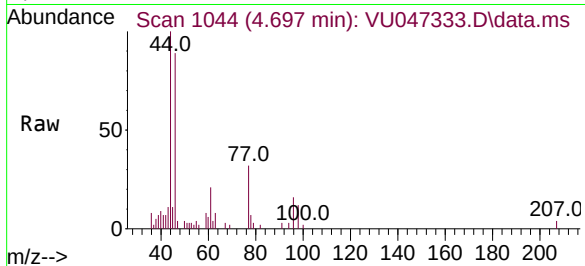




#22
 cis-1,2-Dichloroethene
 Concen: 0.151 ug/L
 RT: 4.697 min Scan# 1044
 Delta R.T. 0.026 min
 Lab File: VU047333.D
 Acq: 04 Mar 2022 16:44

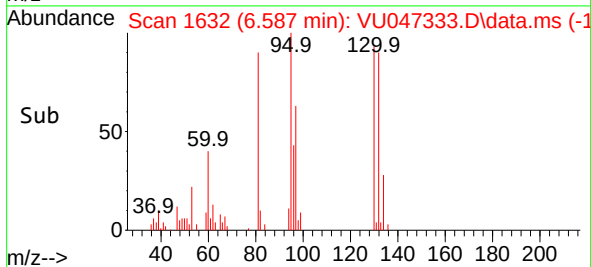
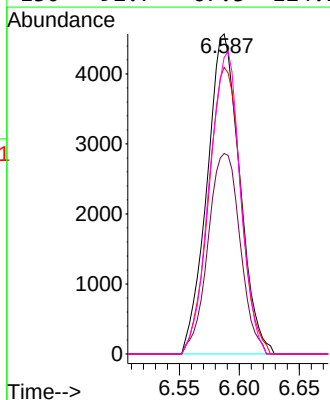
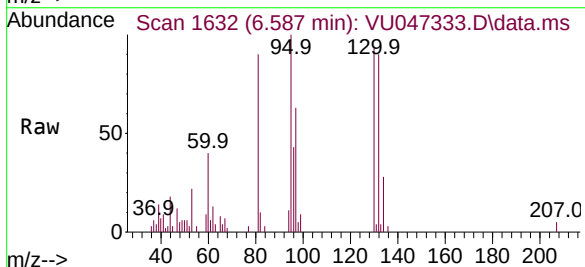
Instrument :
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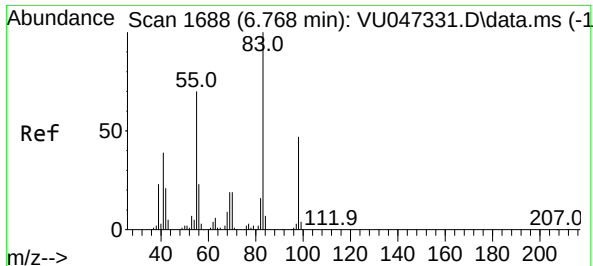
Tgt Ion:	96	Resp:	1987
Ion	Ratio	Lower	Upper
96	100		
61	130.7	88.5	164.3
98	75.9	44.4	82.5



#34
 Trichloroethene
 Concen: 0.664 ug/L
 RT: 6.587 min Scan# 1632
 Delta R.T. 0.042 min
 Lab File: VU047333.D
 Acq: 04 Mar 2022 16:44

Tgt Ion:	95	Resp:	8638
Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.5	86.5
132	89.5	65.1	120.9
130	92.7	67.3	124.9

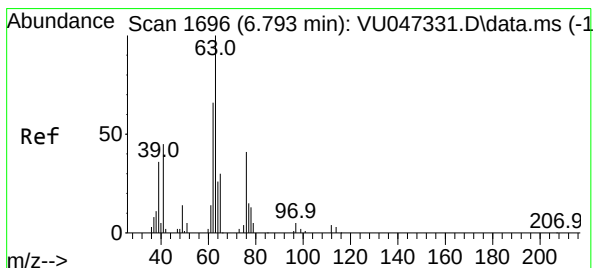
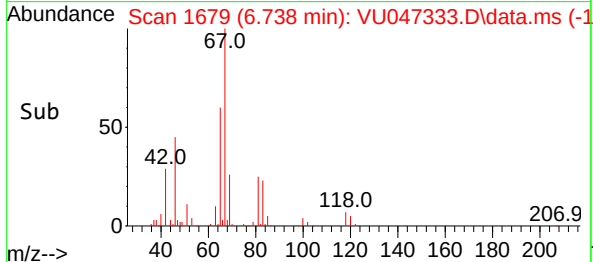
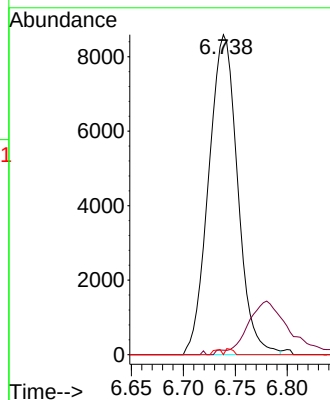
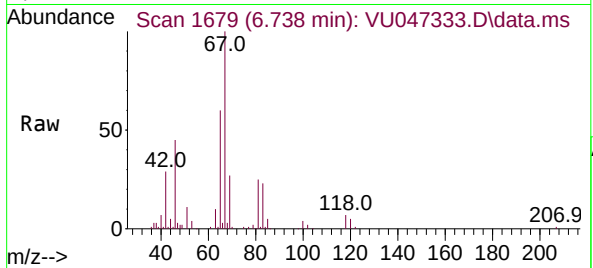




#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.738 min Scan# 1679
Delta R.T. -0.029 min
Lab File: VU047333.D
Acq: 04 Mar 2022 16:44

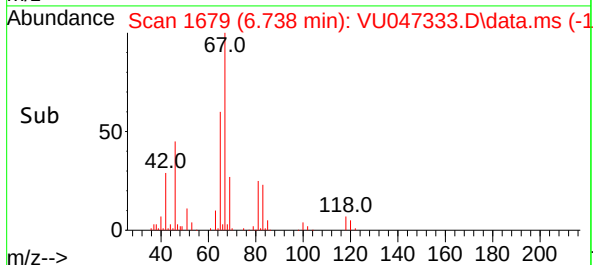
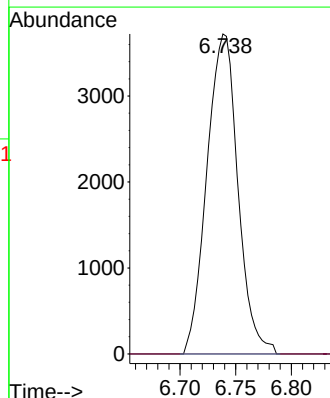
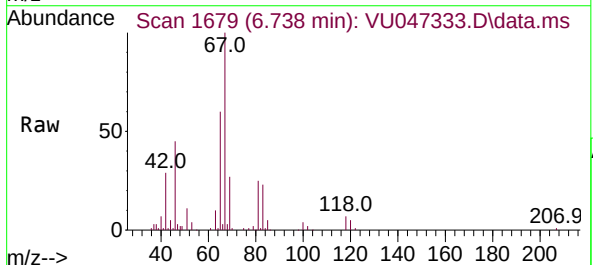
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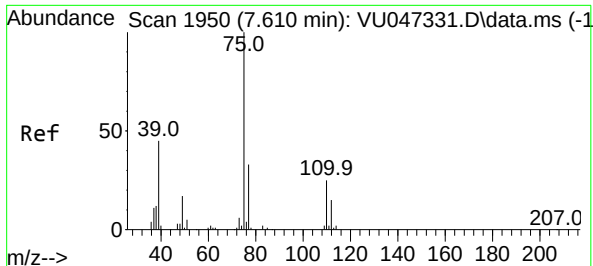
Tgt Ion: 83 Resp: 16670
Ion Ratio Lower Upper
83 100
55 24.6 61.9 92.9#
98 0.5 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.738 min Scan# 1679
Delta R.T. -0.055 min
Lab File: VU047333.D
Acq: 04 Mar 2022 16:44

Tgt Ion: 63 Resp: 7223
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.109 ug/L

RT: 7.594 min Scan# 1945

Delta R.T. -0.016 min

Lab File: VU047333.D

Acq: 04 Mar 2022 16:44

Instrument :

MSVOA_U

ClientSampleId :

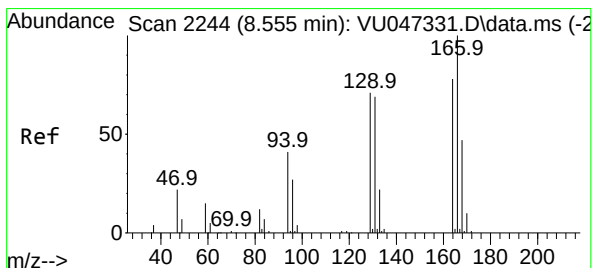
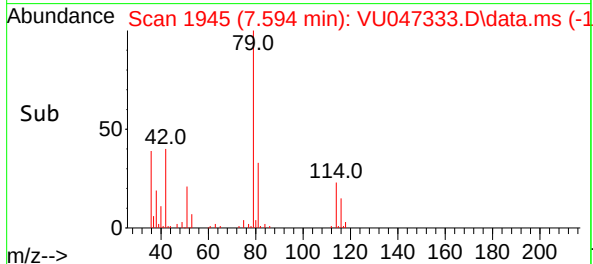
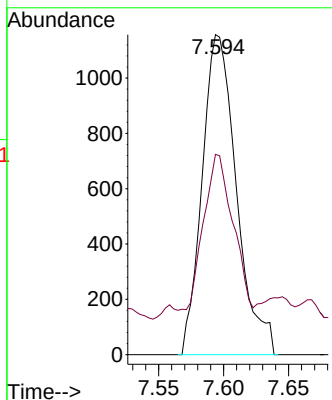
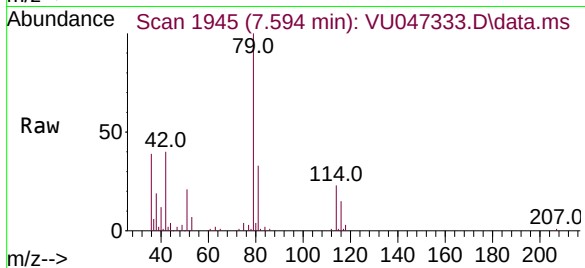
BFY13

Tgt Ion: 75 Resp: 2122

Ion Ratio Lower Upper

75 100

77 62.6 22.5 41.9#



#47

Tetrachloroethene

Concen: 0.531 ug/L

RT: 8.571 min Scan# 2249

Delta R.T. 0.016 min

Lab File: VU047333.D

Acq: 04 Mar 2022 16:44

Tgt Ion: 164 Resp: 5893

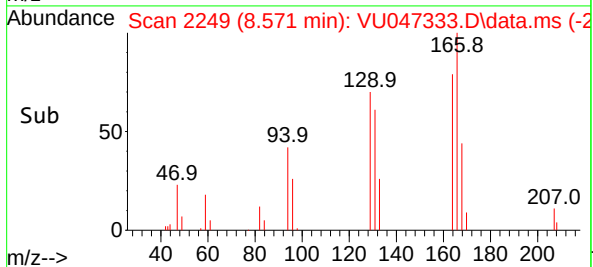
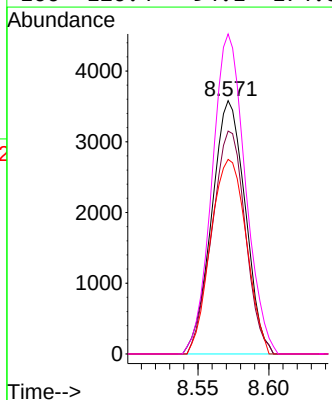
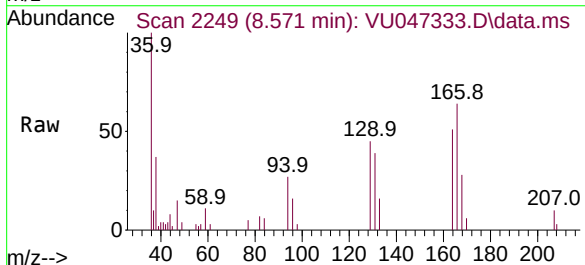
Ion Ratio Lower Upper

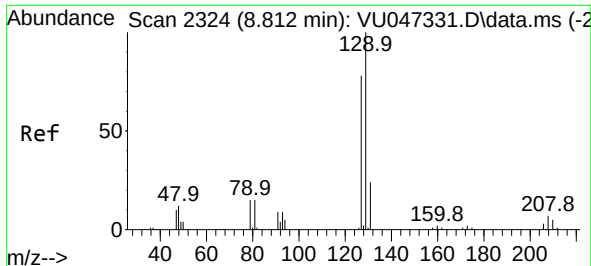
164 100

129 88.0 71.8 133.4

131 76.8 68.5 127.3

166 126.4 94.1 174.8

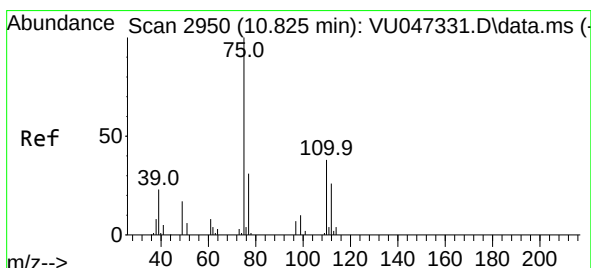
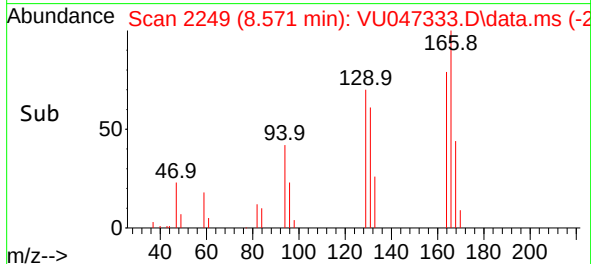
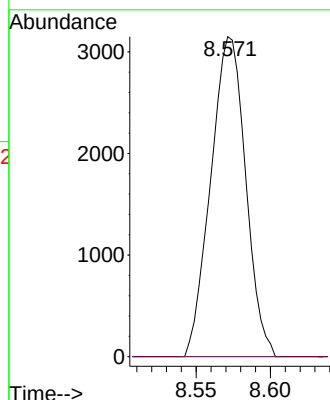
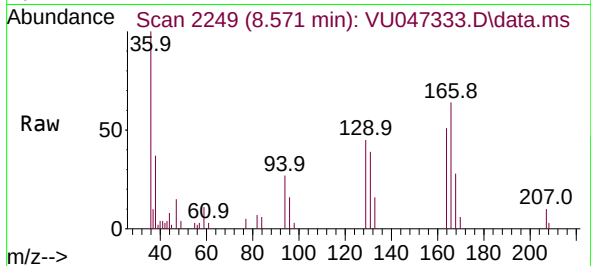




#49
Dibromochloromethane
Concen: 0.412 ug/L
RT: 8.571 min Scan# 21
Delta R.T. -0.241 min
Lab File: VU047333.D
Acq: 04 Mar 2022 16:44

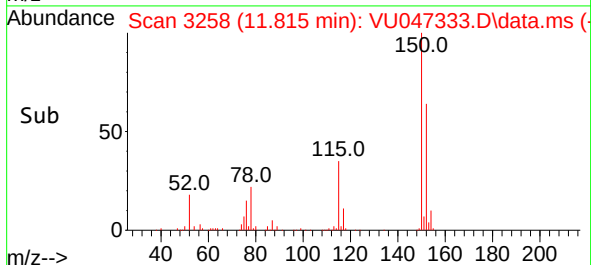
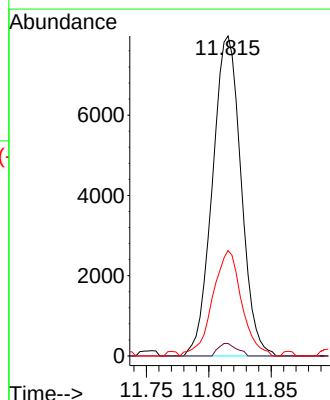
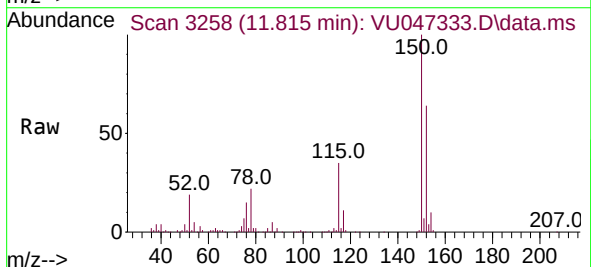
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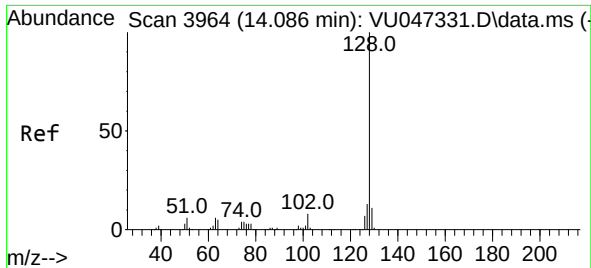
Tgt Ion:129 Resp: 5149
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.267 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU047333.D
Acq: 04 Mar 2022 16:44

Tgt Ion: 75 Resp: 12740
Ion Ratio Lower Upper
75 100
110 2.6 29.9 44.9#
77 33.4 25.5 38.3





#71
Naphthalene
Concen: 0.131 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047333.D
Acq: 04 Mar 2022 16:44

Instrument :
MSVOA_U
ClientSampleId :
BFY13

Tgt Ion:128 Resp: 5740
Ion Ratio Lower Upper
128 100
129 9.5 8.4 12.6
127 12.7 10.2 15.2

