

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032522\
 Data File : VU047687.D
 Acq On : 25 Mar 2022 21:04
 Operator : SY/MD
 Sample : N2082-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW604

Quant Time: Mar 26 04:23:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 26 02:50:24 2022
 Response via : Initial Calibration

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

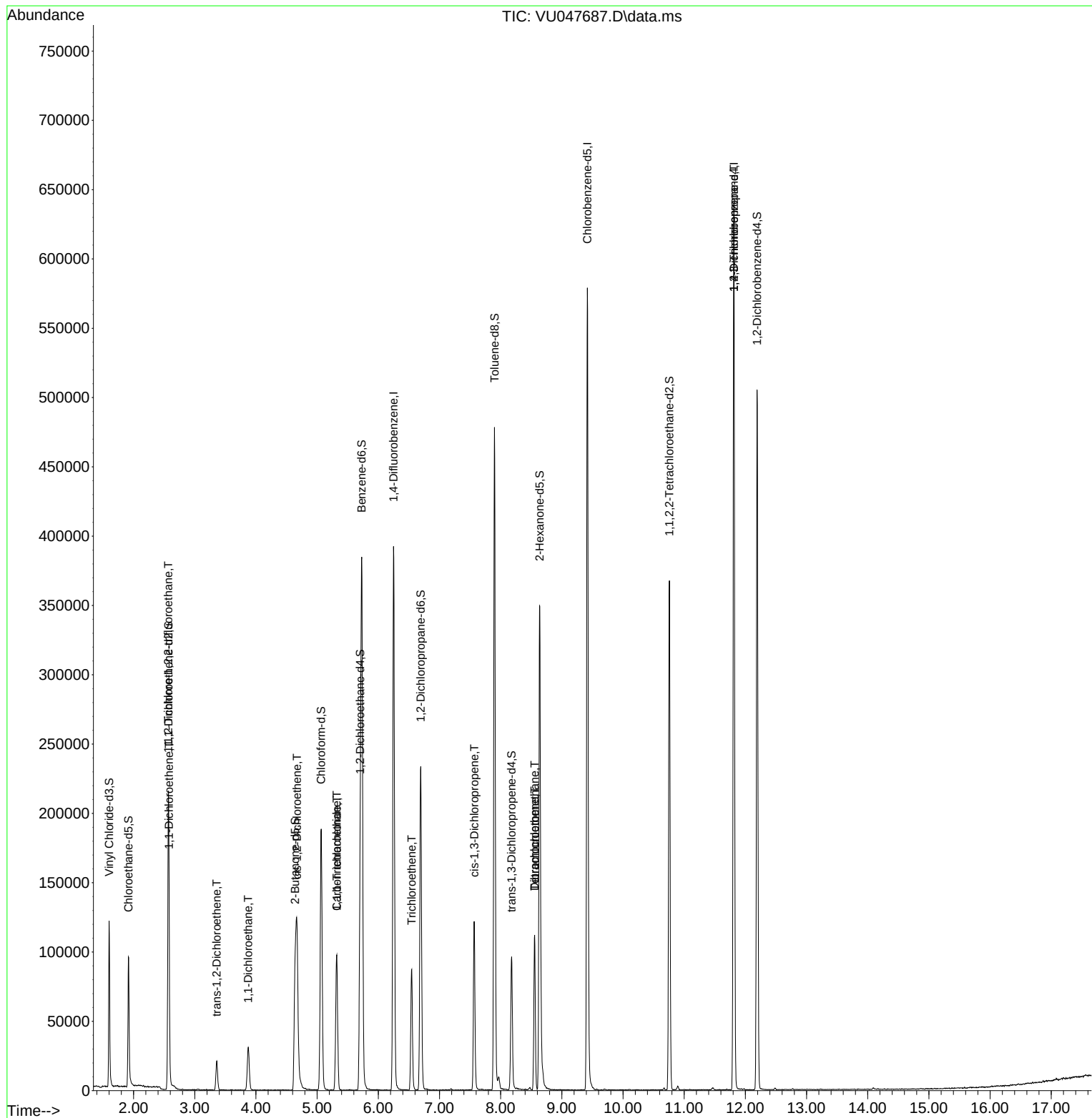
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	330174	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	339950	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	179715	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	87702	36.629	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.260%
7) Chloroethane-d5	1.916	69	72219	38.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.500%
11) 1,1-Dichloroethene-d2	2.572	63	124812	28.492	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.980%#
21) 2-Butanone-d5	4.642	46	174957	85.134	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.130%
24) Chloroform-d	5.067	84	174764	39.892	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.780%
26) 1,2-Dichloroethane-d4	5.703	65	112108	41.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.440%
32) Benzene-d6	5.729	84	355201	41.524	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.040%
36) 1,2-Dichloropropane-d6	6.694	67	112099	42.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.340%
41) Toluene-d8	7.899	98	324474	38.933	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.860%#
43) trans-1,3-Dichloroprop...	8.179	79	48635	36.543	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.080%
47) 2-Hexanone-d5	8.636	63	123117	80.057	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	180138	39.956	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.920%
66) 1,2-Dichlorobenzene-d4	12.192	152	143040	44.738	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.480%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1291	0.530	ug/L #	18
12) 1,1-Dichloroethene	2.581	96	2980	1.316	ug/L #	1
17) trans-1,2-Dichloroethene	3.359	96	8545	3.498	ug/L	97
19) 1,1-Dichloroethane	3.874	63	36070	8.561	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	43452	16.225	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	69873	18.127	ug/L	99
31) Carbon tetrachloride	5.321	117	9641	2.770	ug/L	97
34) Trichloroethene	6.546	95	29602	11.475	ug/L	98
39) cis-1,3-Dichloropropene	7.568	75	3194	0.823	ug/L #	72
46) Tetrachloroethene	8.555	164	26284	11.338	ug/L	98
49) Dibromochloromethane	8.555	129	23320	7.589	ug/L #	11
60) 1,2,3-Trichloropropane	11.812	75	19290	5.694	ug/L #	66

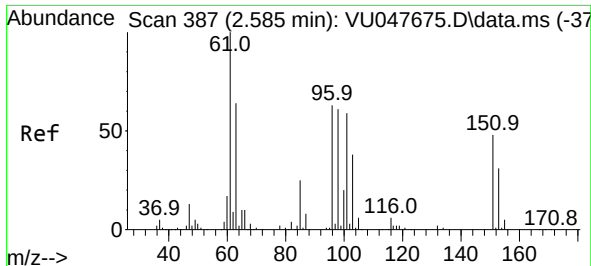
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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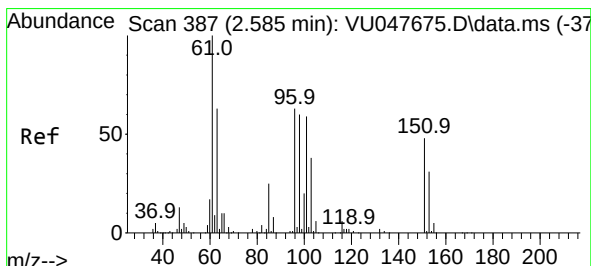
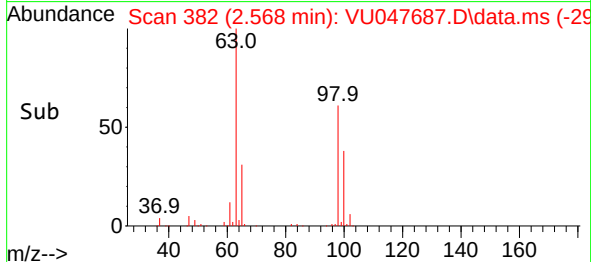
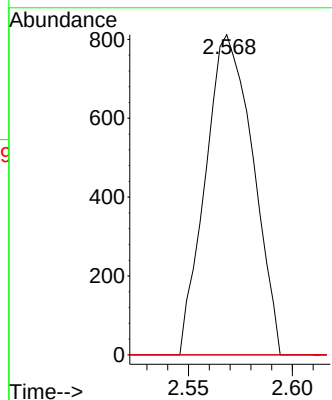
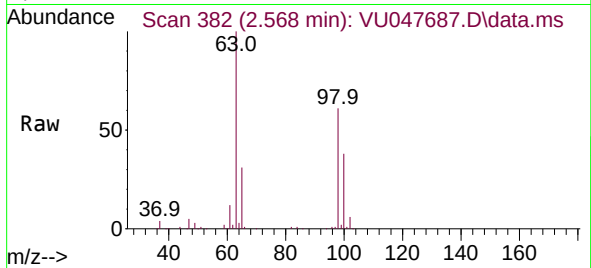




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.530 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU047687.D
 Acq: 25 Mar 2022 21:04

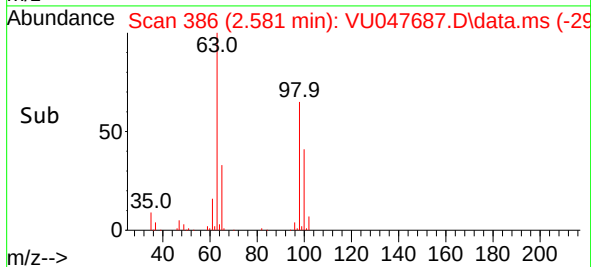
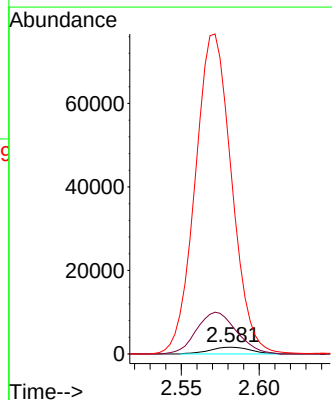
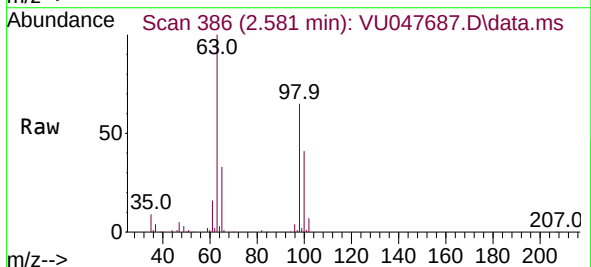
Instrument :
 MSVOA_U
 ClientSampleId :
 EW604

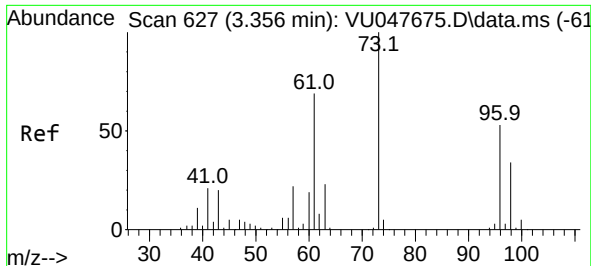
Tgt Ion:101 Resp: 1291
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 1.316 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU047687.D
 Acq: 25 Mar 2022 21:04

Tgt Ion: 96 Resp: 2980
 Ion Ratio Lower Upper
 96 100
 61 453.5 113.1 210.1#
 63 2852.5 94.8 176.0#





#17

trans-1,2-Dichloroethene

Concen: 3.498 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU047687.D

Acq: 25 Mar 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

EW604

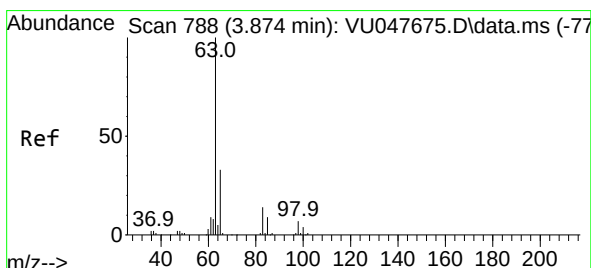
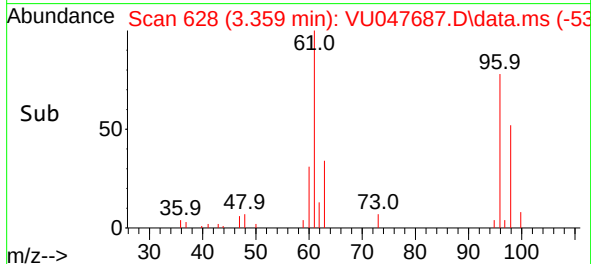
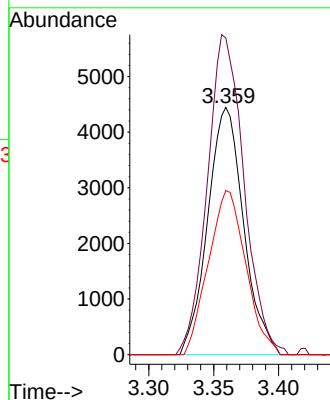
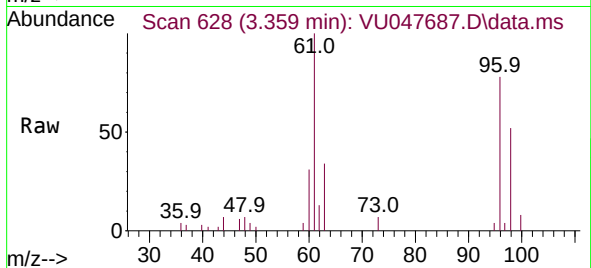
Tgt Ion: 96 Resp: 8545

Ion Ratio Lower Upper

96 100

61 128.1 88.4 164.2

98 66.4 43.3 80.5



#19

1,1-Dichloroethane

Concen: 8.561 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU047687.D

Acq: 25 Mar 2022 21:04

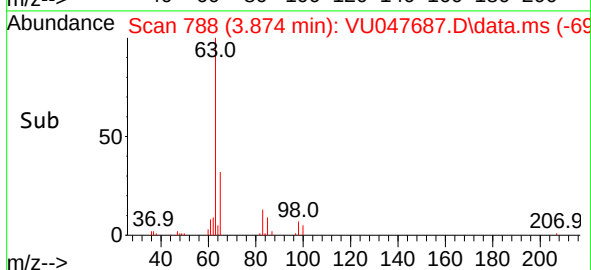
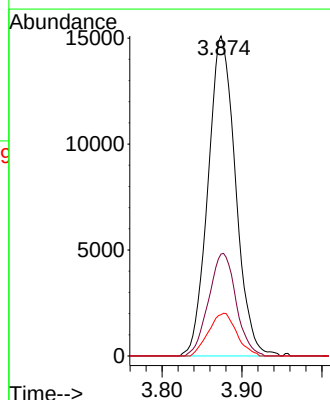
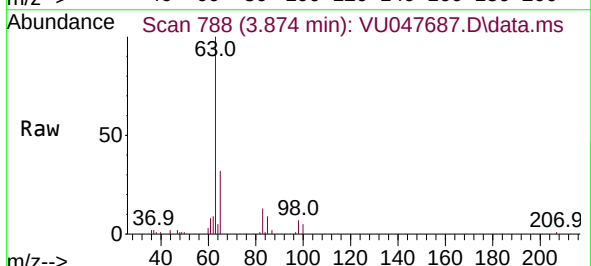
Tgt Ion: 63 Resp: 36070

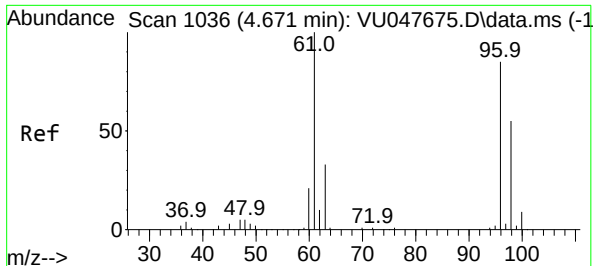
Ion Ratio Lower Upper

63 100

65 31.9 22.0 41.0

83 12.9 9.7 18.1

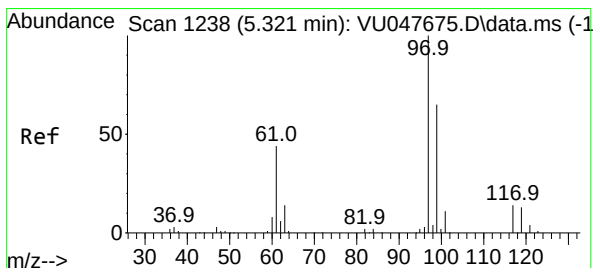
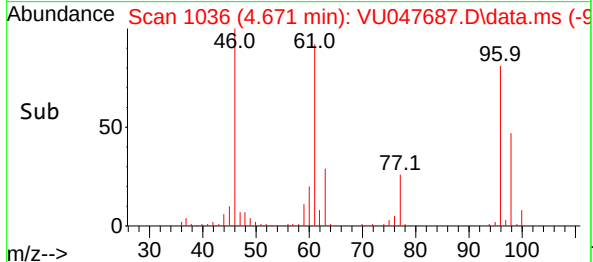
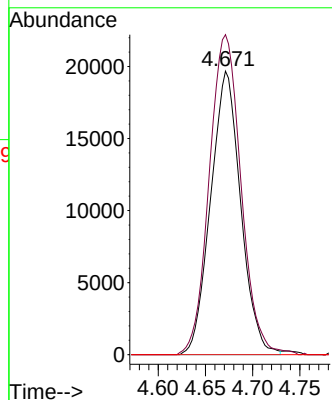
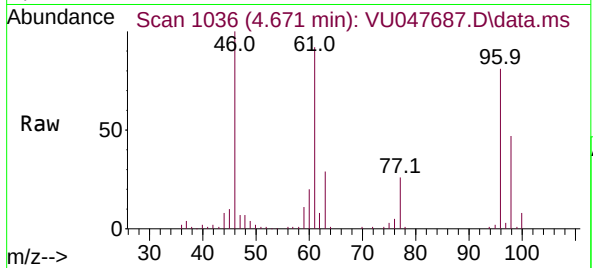




#20
 cis-1,2-Dichloroethene
 Concen: 16.225 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VU047687.D
 Acq: 25 Mar 2022 21:04

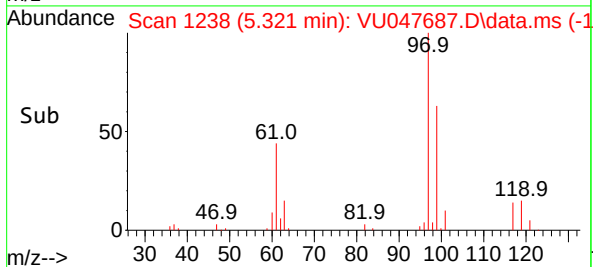
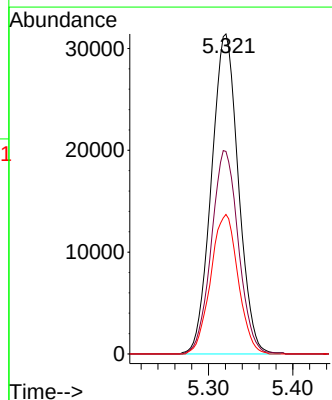
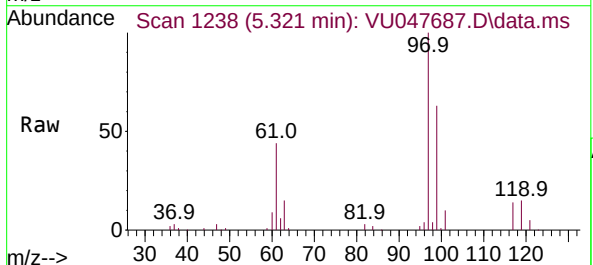
Instrument :
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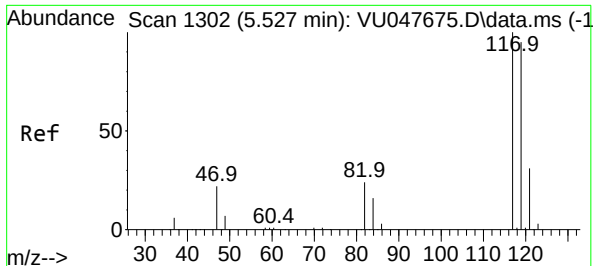
Tgt Ion: 96 Resp: 43452
 Ion Ratio Lower Upper
 96 100
 61 112.8 80.7 149.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 18.127 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VU047687.D
 Acq: 25 Mar 2022 21:04

Tgt Ion: 97 Resp: 69873
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.6 77.4
 61 44.3 34.2 51.4

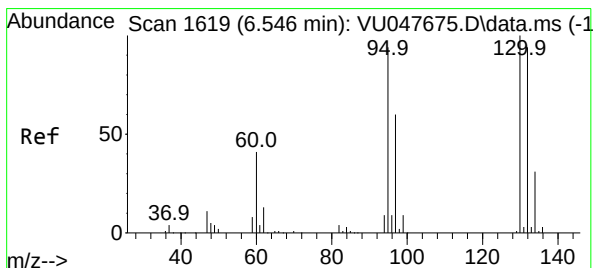
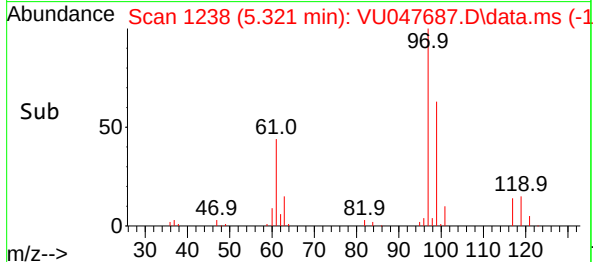
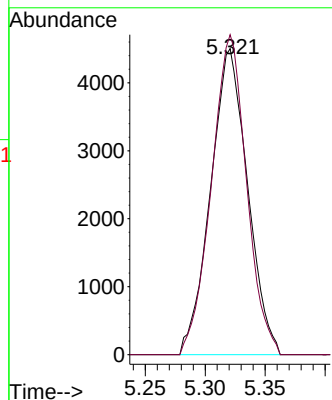
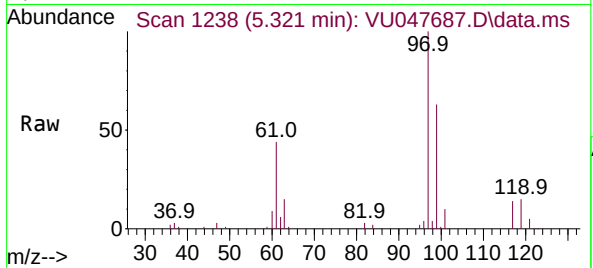




#31
Carbon tetrachloride
Concen: 2.770 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.206 min
Lab File: VU047687.D
Acq: 25 Mar 2022 21:04

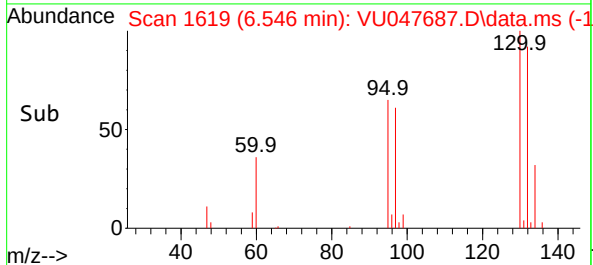
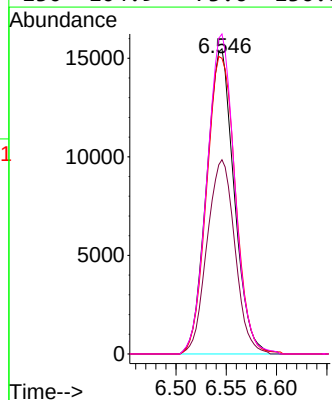
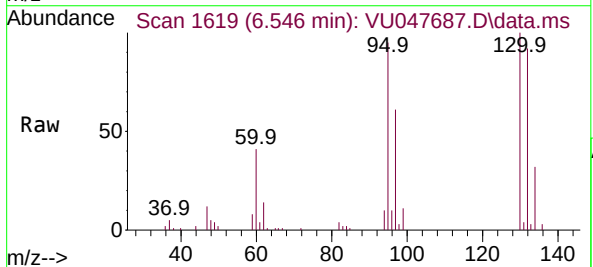
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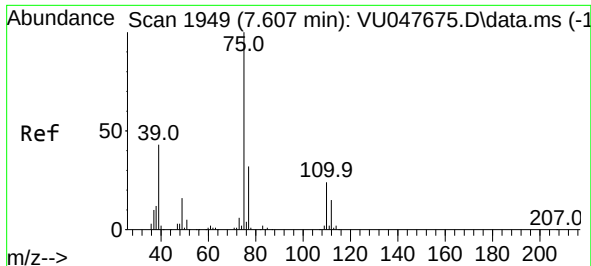
Tgt Ion:117 Resp: 9641
Ion Ratio Lower Upper
117 100
119 99.3 77.2 115.8



#34
Trichloroethene
Concen: 11.475 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047687.D
Acq: 25 Mar 2022 21:04

Tgt Ion: 95 Resp: 29602
Ion Ratio Lower Upper
95 100
97 63.7 44.7 82.9
132 96.9 70.4 130.8
130 104.9 73.6 136.8





#39

cis-1,3-Dichloropropene

Concen: 0.823 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU047687.D

Acq: 25 Mar 2022 21:04

Instrument :

MSVOA_U

ClientSampleId :

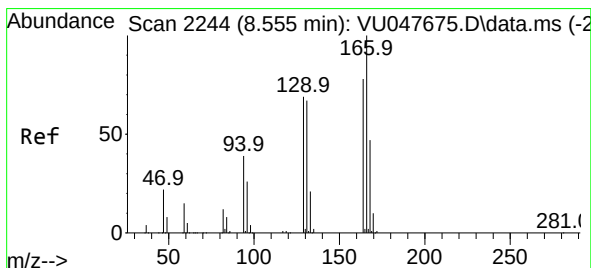
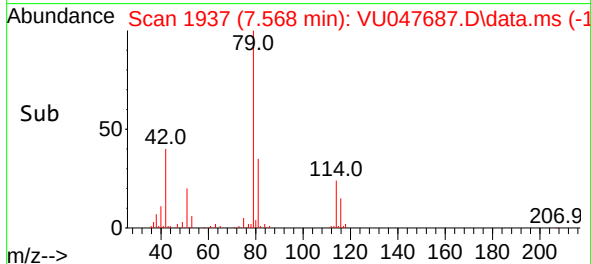
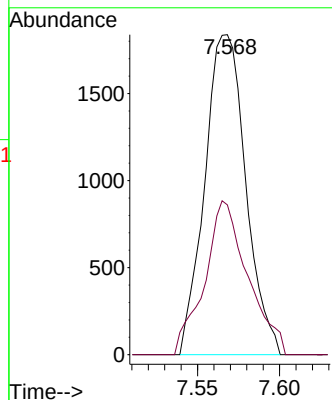
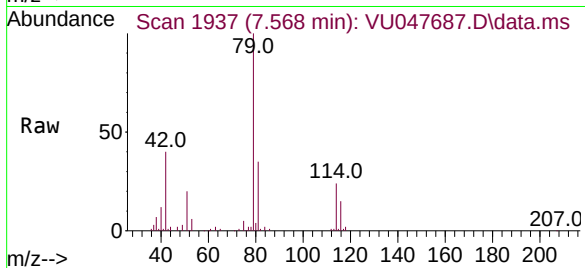
EW604

Tgt Ion: 75 Resp: 3194

Ion Ratio Lower Upper

75 100

77 46.8 21.8 40.6#



#46

Tetrachloroethene

Concen: 11.338 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU047687.D

Acq: 25 Mar 2022 21:04

Tgt Ion: 164 Resp: 26284

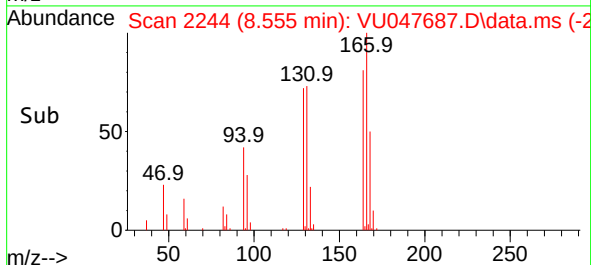
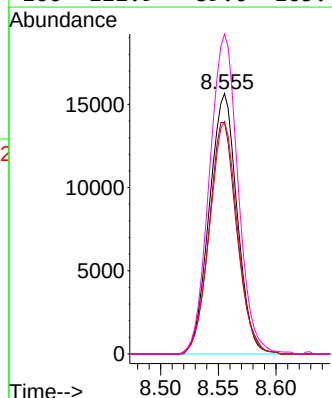
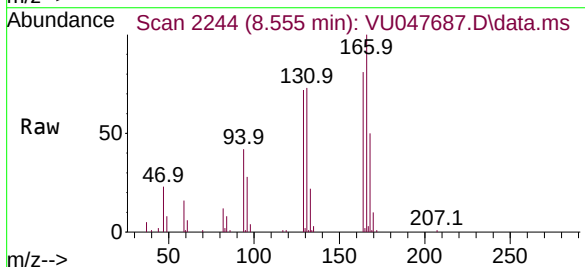
Ion Ratio Lower Upper

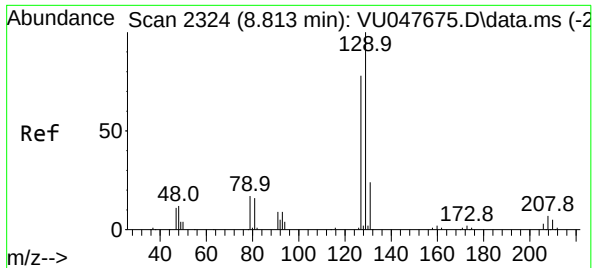
164 100

129 88.9 62.4 116.0

131 89.2 60.7 112.7

166 122.9 89.0 165.4

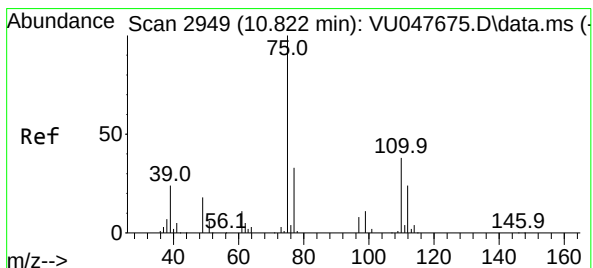
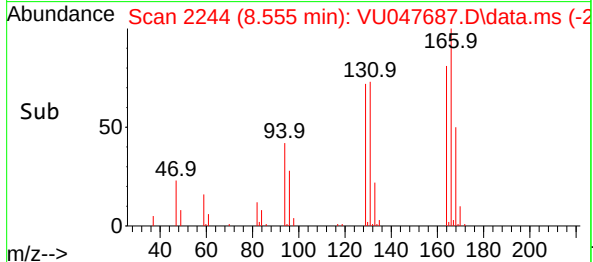
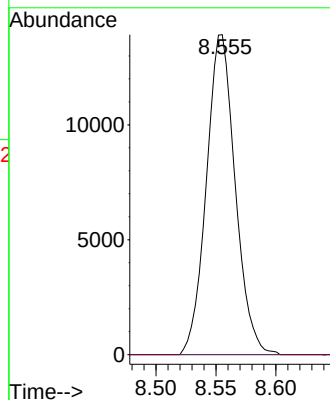
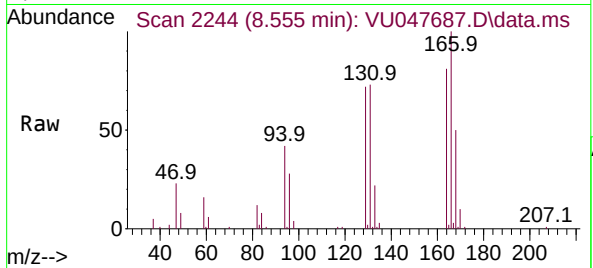




#49
Dibromochloromethane
Concen: 7.589 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU047687.D
Acq: 25 Mar 2022 21:04

Instrument :
MSVOA_U
ClientSampleId :
EW604

Tgt Ion:129 Resp: 23320
Ion Ratio Lower Upper
129 100
127 0.0 54.2 100.6#



#60
1,2,3-Trichloropropane
Concen: 5.694 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU047687.D
Acq: 25 Mar 2022 21:04

Tgt Ion: 75 Resp: 19290
Ion Ratio Lower Upper
75 100
77 30.5 26.0 39.0
110 2.9 31.4 47.2#

