

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047545.D
 Acq On : 14 Mar 2022 19:18
 Operator : SY/MD
 Sample : N1861-18DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YATM8DL

Quant Time: Mar 15 06:15:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:45:04 2022
 Response via : Initial Calibration

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

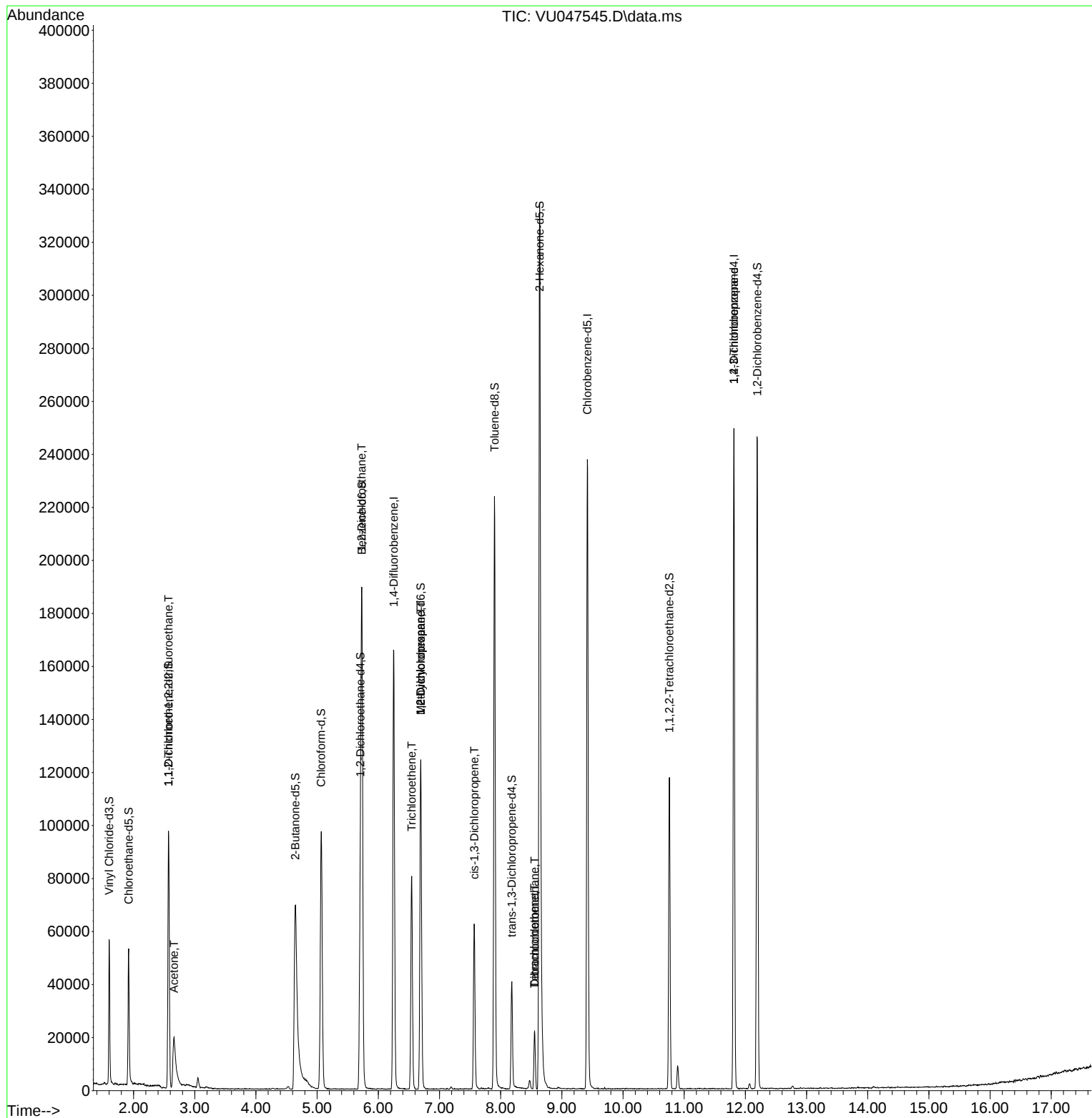
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	141702	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	139126	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39994	4.316	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.919	69	38985	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.572	65	18172	4.181	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.600%
20) 2-Butanone-d5	4.645	46	152510	57.195	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.400%
24) Chloroform-d	5.067	84	92290	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.707	65	52751	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.732	84	180556	4.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.694	67	60896	4.781	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.899	98	154400	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.182	79	23515	4.392	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.636	63	133061	47.939	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.880%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58279	4.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	69951	4.778	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	644	0.088	ug/L #	18
13) Acetone	2.662	43	46516	44.741	ug/L	99
27) 1,2-Dichloroethane	5.726	62	1026	0.109	ug/L #	74
34) Trichloroethene	6.546	95	27034	3.245	ug/L	98
35) Methylcyclohexane	6.694	83	13740	1.146	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	6182	0.767	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	1565	0.125	ug/L	97
47) Tetrachloroethene	8.552	164	5326	0.750	ug/L	96
49) Dibromochloromethane	8.555	129	4572	0.537	ug/L #	11
61) 1,2,3-Trichloropropane	11.812	75	7362	1.253	ug/L #	65

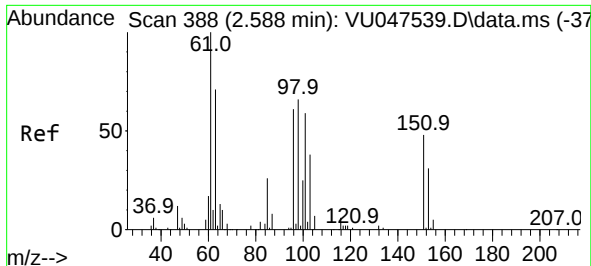
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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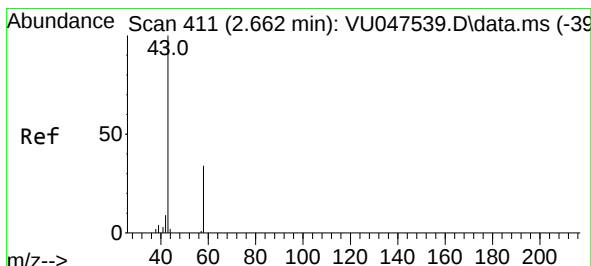
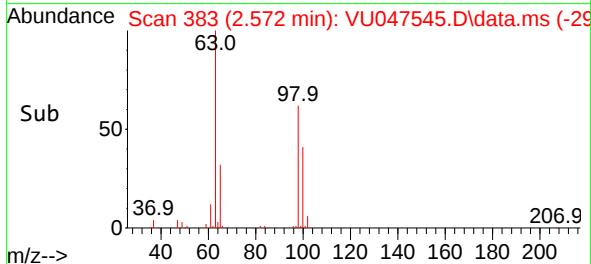
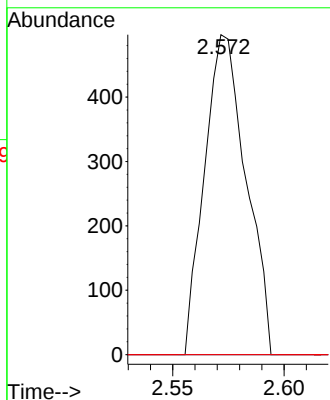
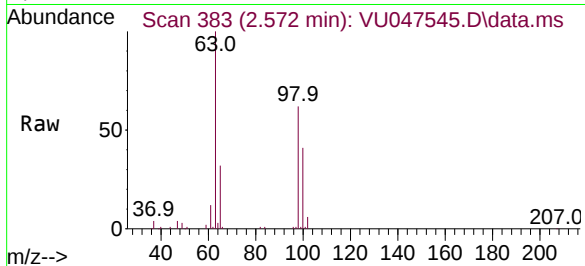




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU047545.D
Acq: 14 Mar 2022 19:18

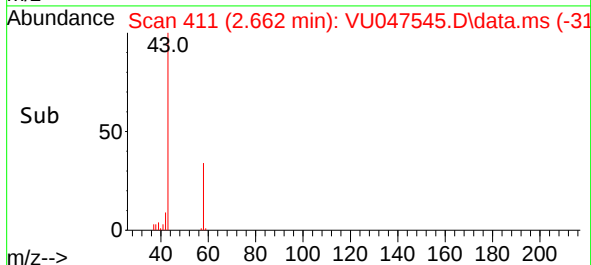
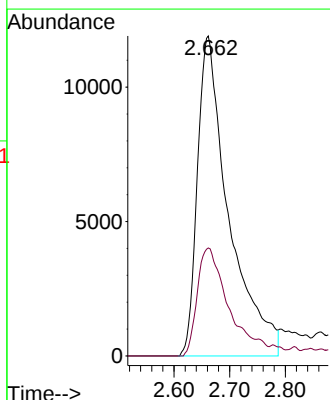
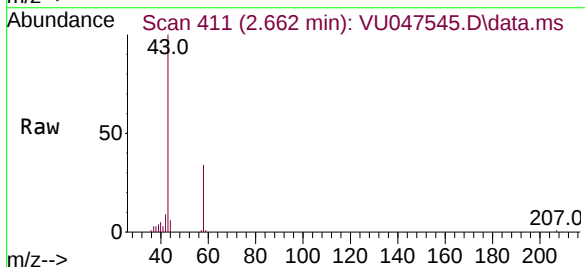
Instrument :
MSVOA_U
ClientSampleId :
YATM8DL

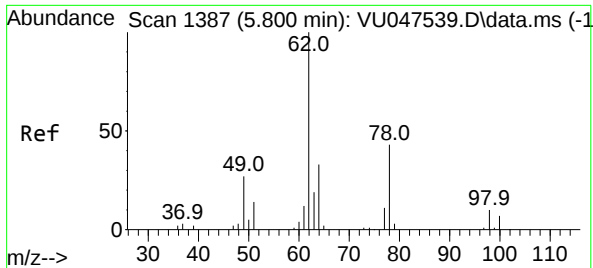
Tgt Ion:101 Resp: 644
Ion Ratio Lower Upper
101 100
85 0.0 34.0 51.0#
151 0.0 63.8 95.6#



#13
Acetone
Concen: 44.741 ug/L
RT: 2.662 min Scan# 411
Delta R.T. 0.000 min
Lab File: VU047545.D
Acq: 14 Mar 2022 19:18

Tgt Ion: 43 Resp: 46516
Ion Ratio Lower Upper
43 100
58 34.0 0.0 69.4

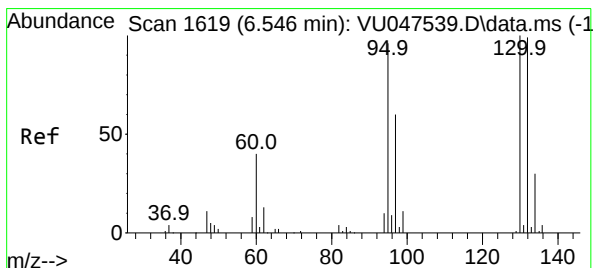
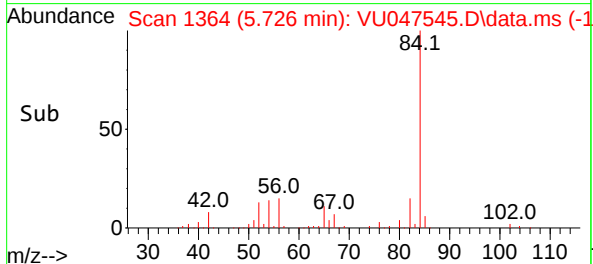
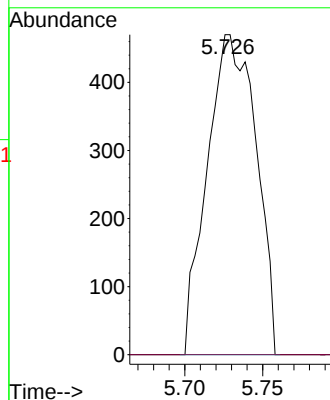
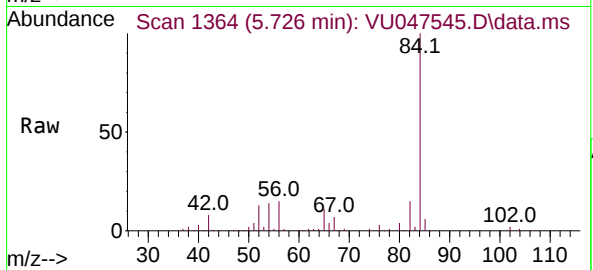




#27
1,2-Dichloroethane
Concen: 0.109 ug/L
RT: 5.726 min Scan# 11
Delta R.T. -0.074 min
Lab File: VU047545.D
Acq: 14 Mar 2022 19:18

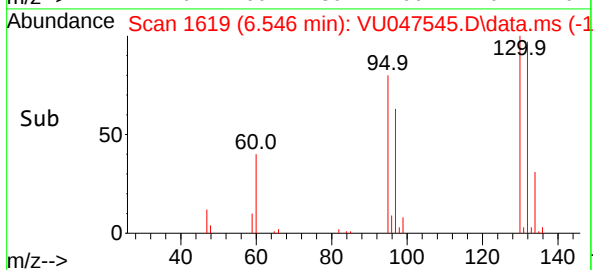
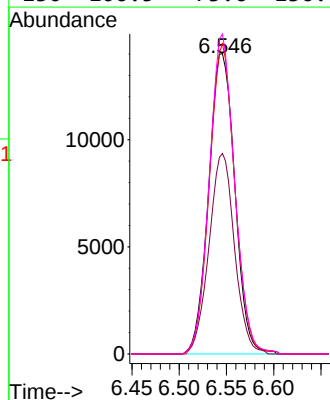
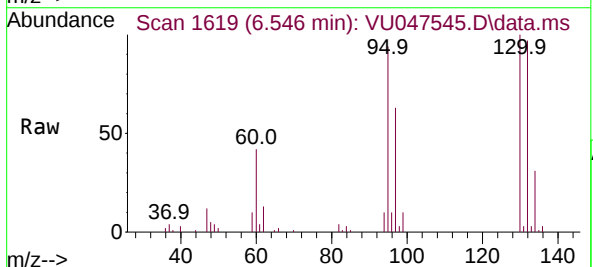
Instrument :
MSVOA_U
ClientSampleId :
YATM8DL

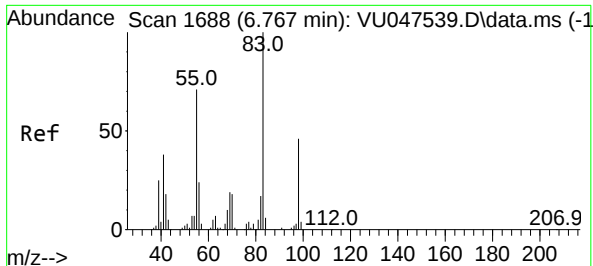
Tgt Ion: 62 Resp: 1026
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#



#34
Trichloroethene
Concen: 3.245 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047545.D
Acq: 14 Mar 2022 19:18

Tgt Ion: 95 Resp: 27034
Ion Ratio Lower Upper
95 100
97 66.8 46.3 85.9
132 103.2 70.7 131.3
130 106.5 73.6 136.8

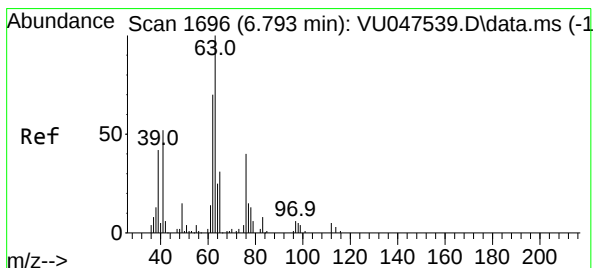
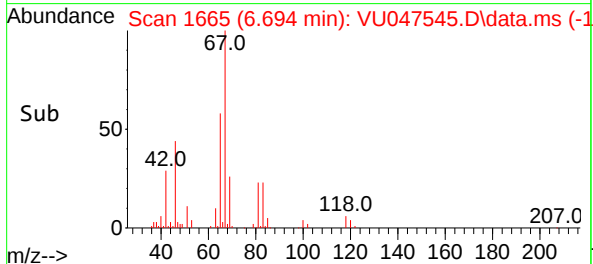
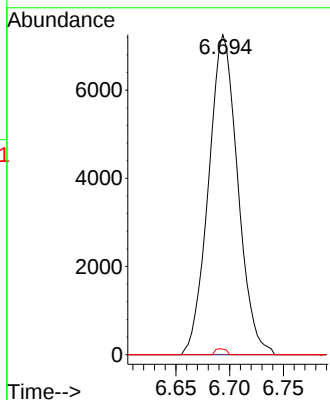
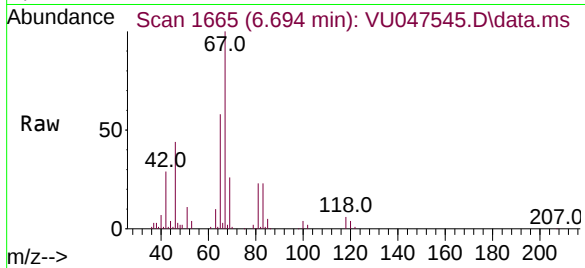




#35
Methylcyclohexane
Concen: 1.146 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047545.D
Acq: 14 Mar 2022 19:18

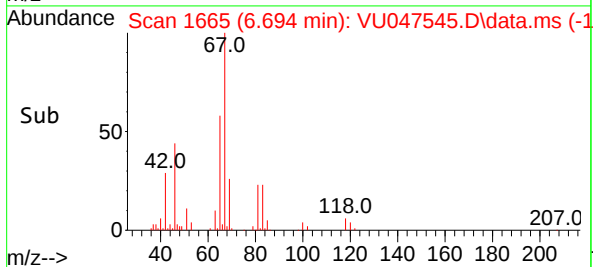
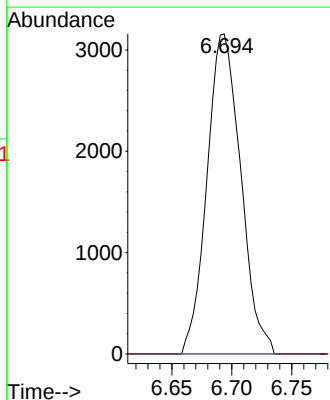
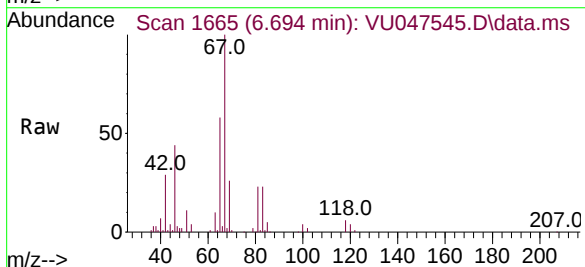
Instrument :
MSVOA_U
ClientSampleId :
YATM8DL

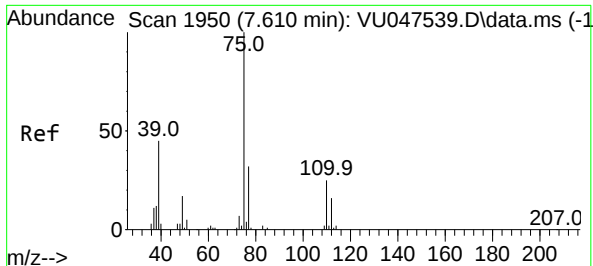
Tgt Ion: 83 Resp: 13740
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.7 37.5 56.3#



#37
1,2-Dichloropropane
Concen: 0.767 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047545.D
Acq: 14 Mar 2022 19:18

Tgt Ion: 63 Resp: 6182
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047545.D

Acq: 14 Mar 2022 19:18

Instrument :

MSVOA_U

ClientSampleId :

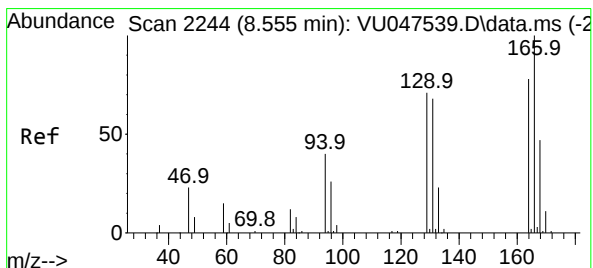
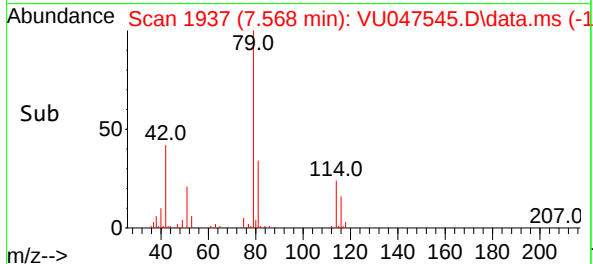
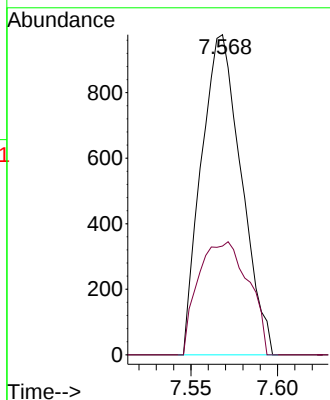
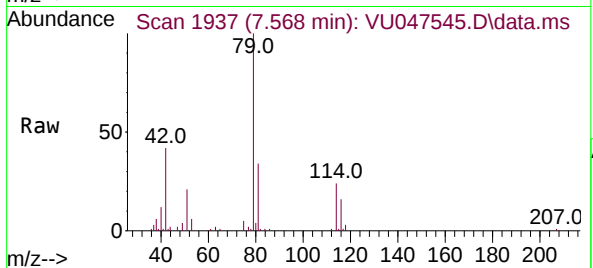
YATM8DL

Tgt Ion: 75 Resp: 1565

Ion Ratio Lower Upper

75 100

77 34.0 22.6 42.0



#47

Tetrachloroethene

Concen: 0.750 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.003 min

Lab File: VU047545.D

Acq: 14 Mar 2022 19:18

Tgt Ion: 164 Resp: 5326

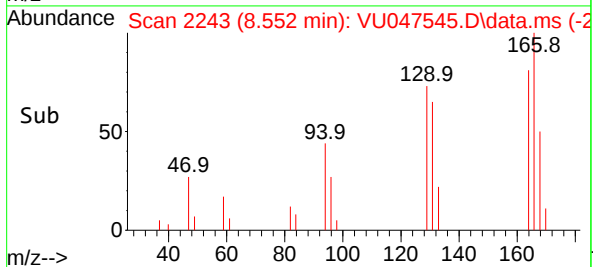
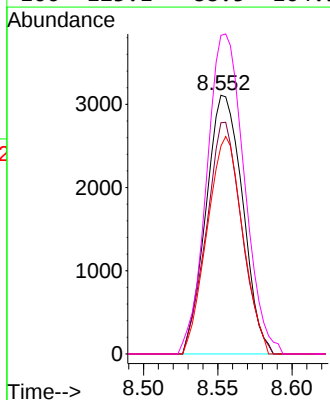
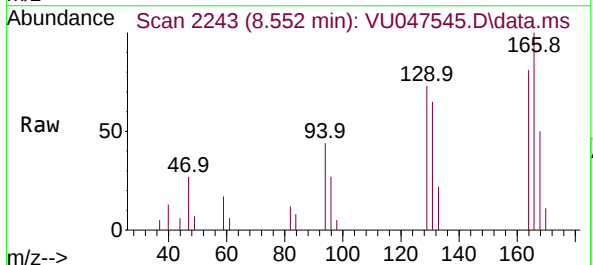
Ion Ratio Lower Upper

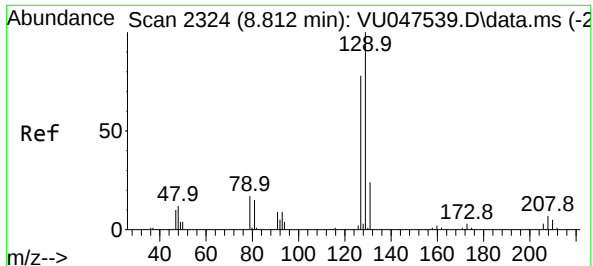
164 100

129 89.4 63.5 117.9

131 80.3 60.5 112.5

166 123.1 88.5 164.3

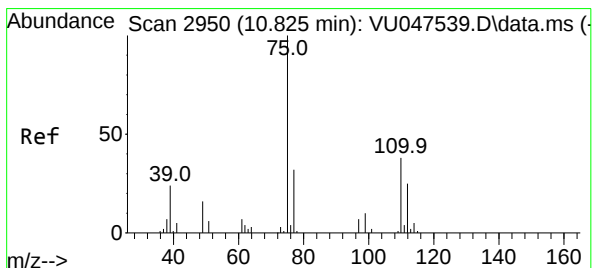
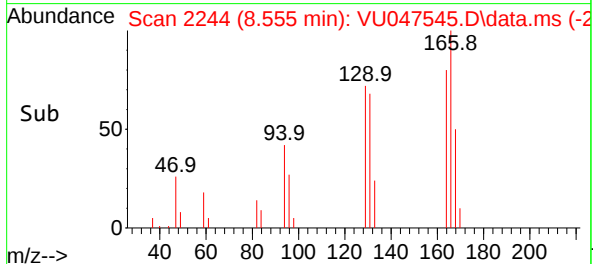
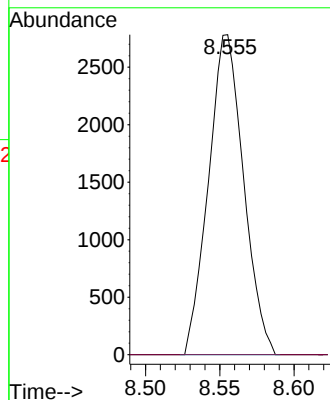
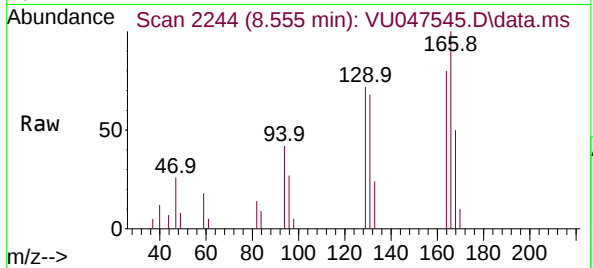




#49
Dibromochloromethane
Concen: 0.537 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU047545.D
Acq: 14 Mar 2022 19:18

Instrument :
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YATM8DL

Tgt Ion:129 Resp: 4572
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#



#61
1,2,3-Trichloropropane
Concen: 1.253 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU047545.D
Acq: 14 Mar 2022 19:18

Tgt Ion: 75 Resp: 7362
Ion Ratio Lower Upper
75 100
110 1.3 30.2 45.4#
77 29.7 26.6 39.8

