

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052334.D
 Acq On : 10 Dec 2022 04:23
 Operator : JC/MD
 Sample : N5930-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA0

Quant Time: Dec 10 05:38:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

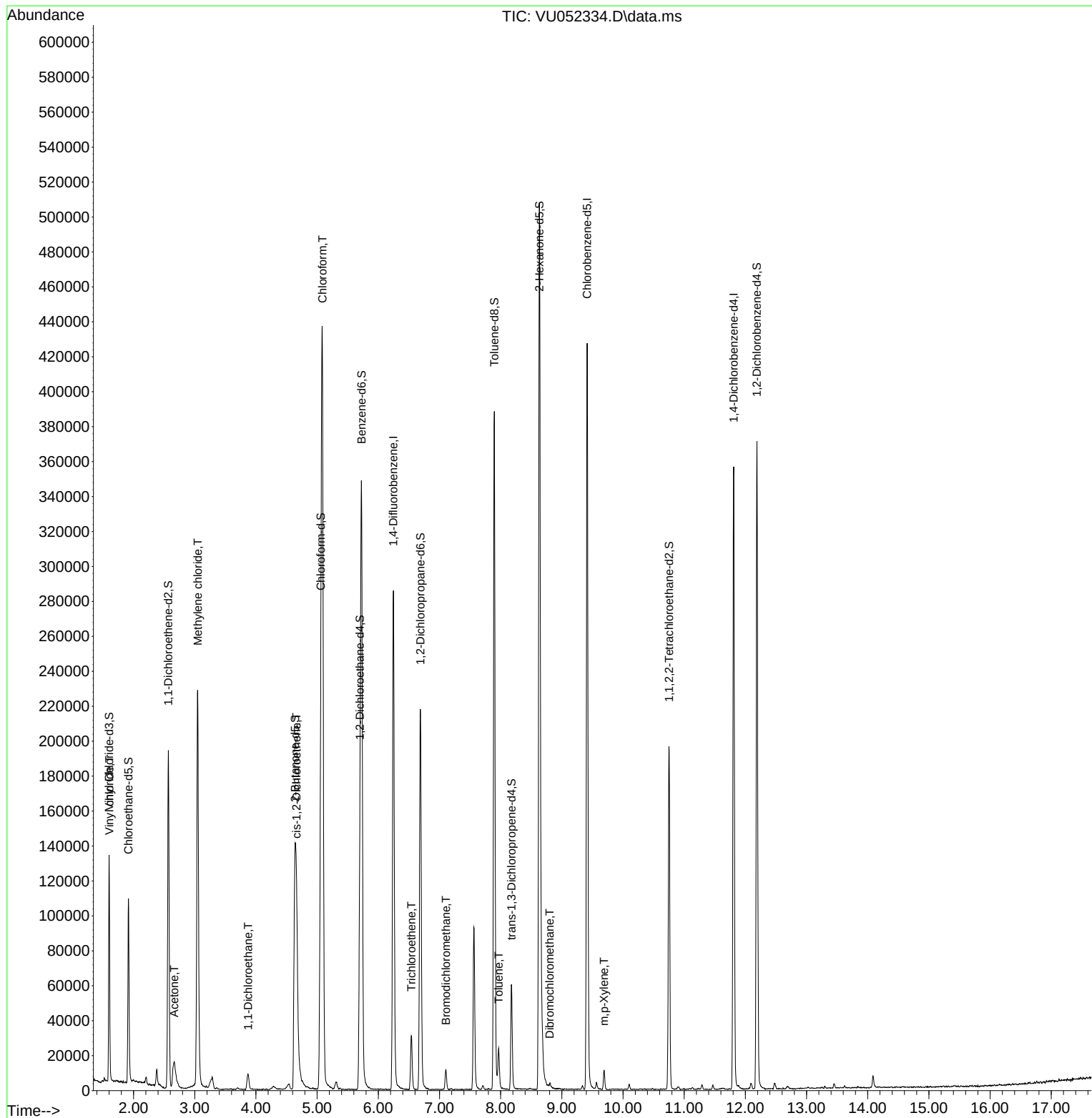
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	239768	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	249644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	100966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	91870	3.939	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.800%
7) Chloroethane-d5	1.916	69	80797	4.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.568	65	36445	4.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.639	46	252638	59.761	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.520%
24) Chloroform-d	5.060	84	183175	5.345	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.700	65	87420	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.726	84	347673	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.687	67	114175	4.978	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.896	98	272645	4.066	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.176	79	35485	4.245	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.632	63	174328	49.215	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.440%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	102758	5.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	100699	5.209	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	4231	0.162	ug/L #	69
13) Acetone	2.665	43	35240	12.276	ug/L	95
16) Methylene chloride	3.047	84	118817	5.049	ug/L	96
19) 1,1-Dichloroethane	3.874	63	11216	0.334	ug/L	91
22) cis-1,2-Dichloroethene	4.665	96	25614	1.309	ug/L	98
25) Chloroform	5.086	83	358212	10.520	ug/L	96
34) Trichloroethene	6.543	95	10738	0.530	ug/L	97
38) Bromodichloromethane	7.105	83	8085	0.315	ug/L #	97
42) Toluene	7.967	91	16716	0.200	ug/L	93
49) Dibromochloromethane	8.803	129	1304	0.074	ug/L	86
53) m,p-Xylene	9.690	106	3347	0.106	ug/L	95

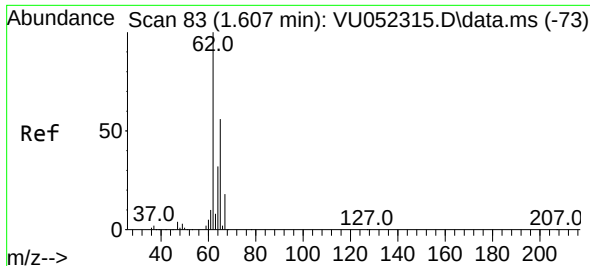
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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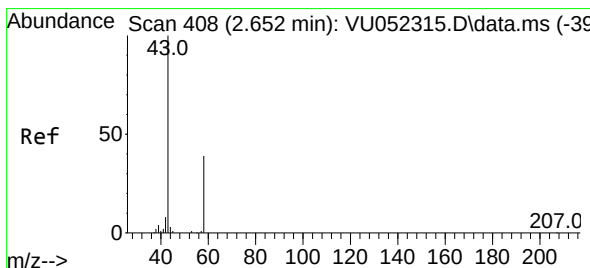
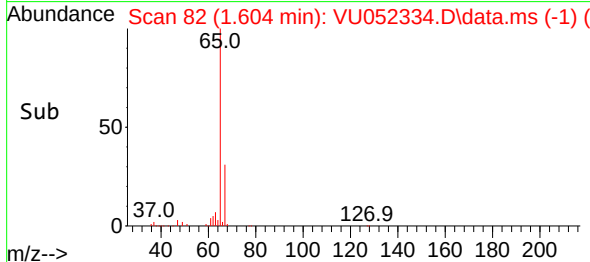
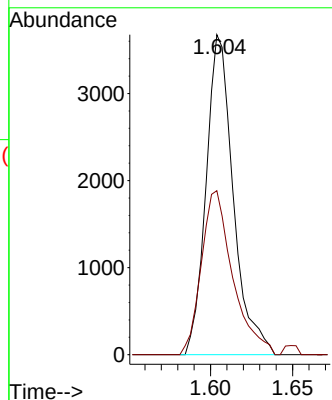
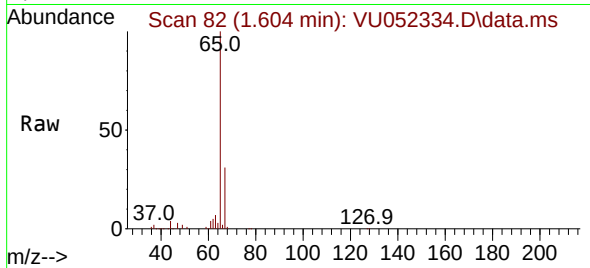




#5
 Vinyl chloride
 Concen: 0.162 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU052334.D
 Acq: 10 Dec 2022 04:23

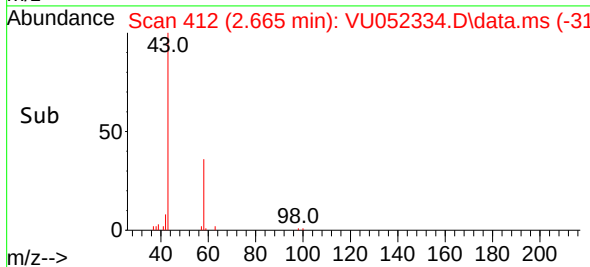
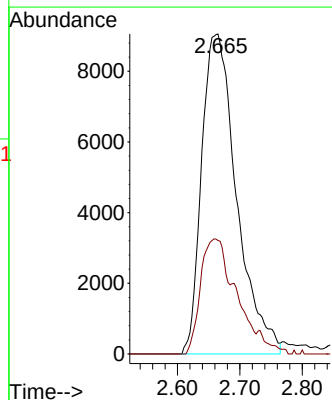
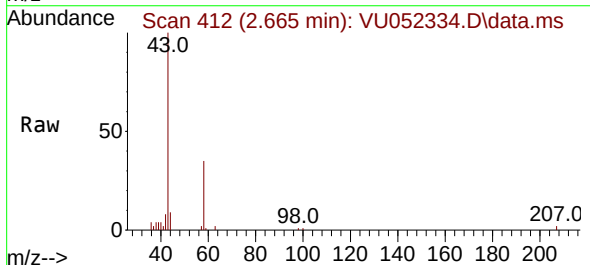
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA0

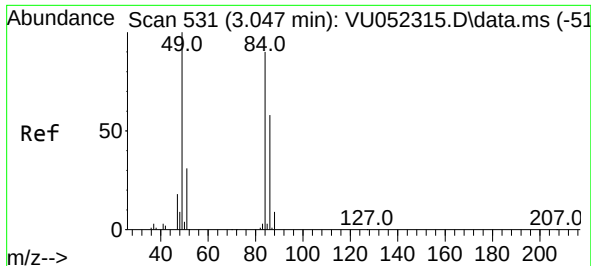
Tgt Ion: 62 Resp: 4231
 Ion Ratio Lower Upper
 62 100
 64 51.3 23.5 43.7#



#13
 Acetone
 Concen: 12.276 ug/L
 RT: 2.665 min Scan# 412
 Delta R.T. 0.019 min
 Lab File: VU052334.D
 Acq: 10 Dec 2022 04:23

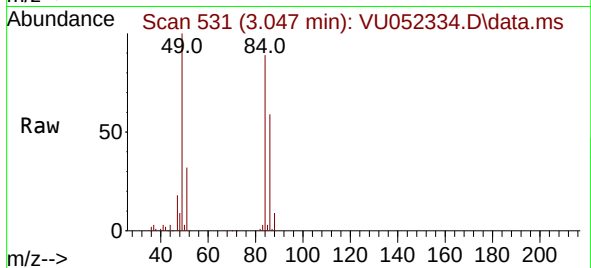
Tgt Ion: 43 Resp: 35240
 Ion Ratio Lower Upper
 43 100
 58 35.2 0.0 76.0



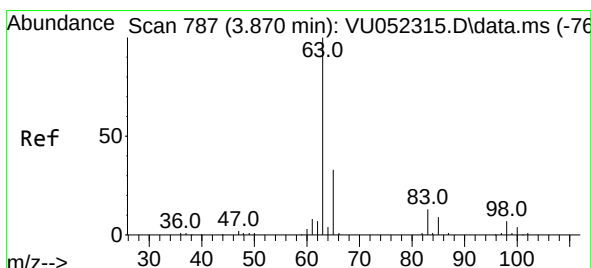
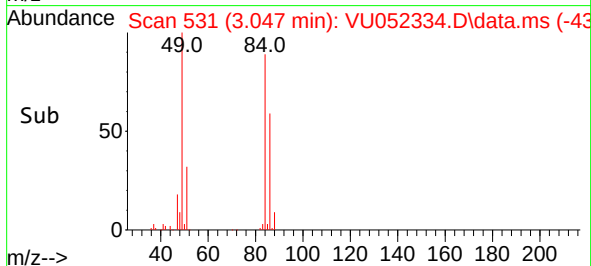
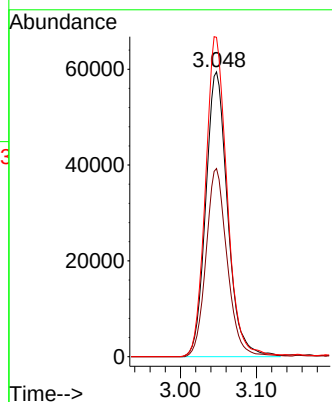


#16
Methylene chloride
Concen: 5.049 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052334.D
Acq: 10 Dec 2022 04:23

Instrument :
MSVOA_U
ClientSampleId :
EXZA0

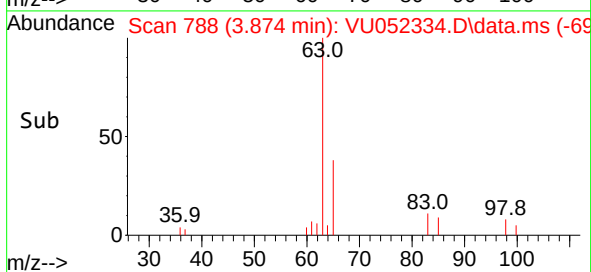
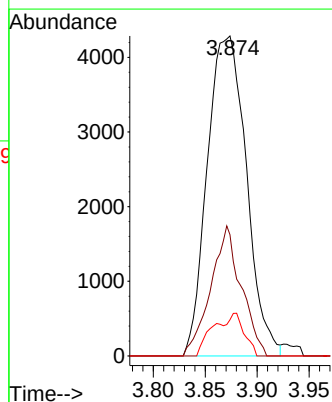
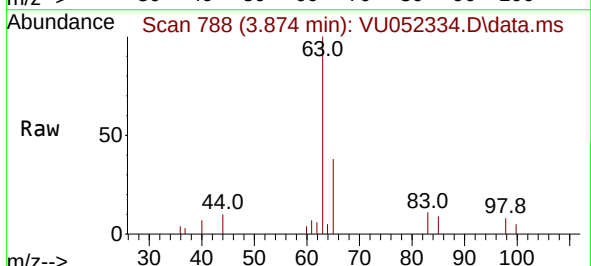


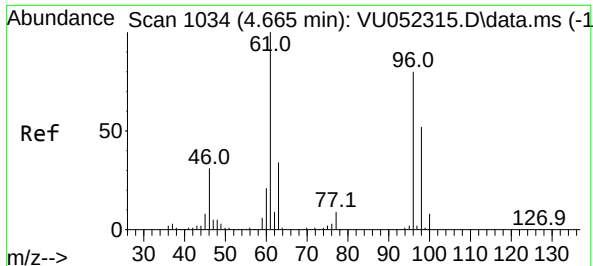
Tgt Ion: 84 Resp: 118817
Ion Ratio Lower Upper
84 100
86 66.0 43.8 81.4
49 112.1 75.9 141.1



#19
1,1-Dichloroethane
Concen: 0.334 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.006 min
Lab File: VU052334.D
Acq: 10 Dec 2022 04:23

Tgt Ion: 63 Resp: 11216
Ion Ratio Lower Upper
63 100
65 37.9 22.2 41.2
83 11.3 9.2 17.0

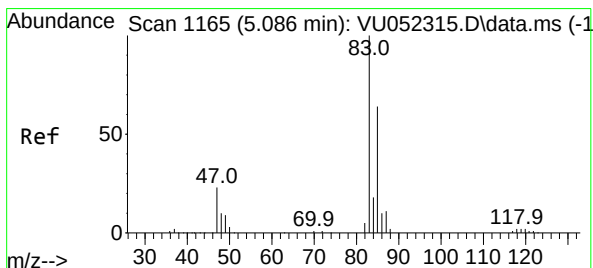
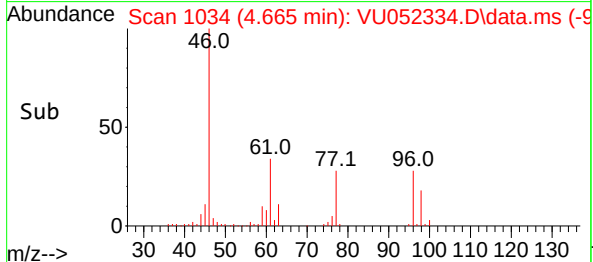
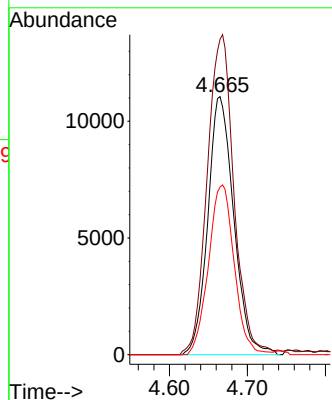
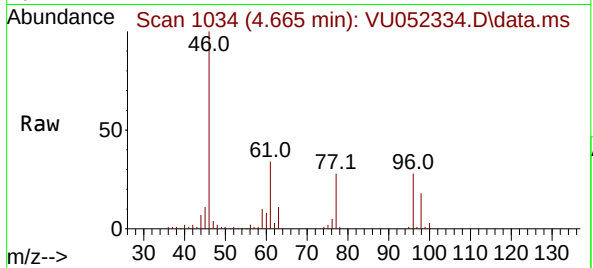




#22
 cis-1,2-Dichloroethene
 Concen: 1.309 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052334.D
 Acq: 10 Dec 2022 04:23

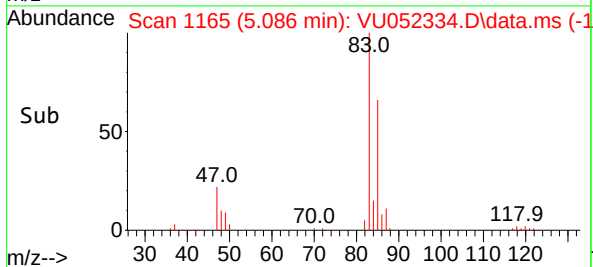
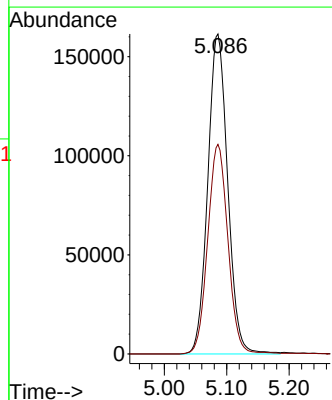
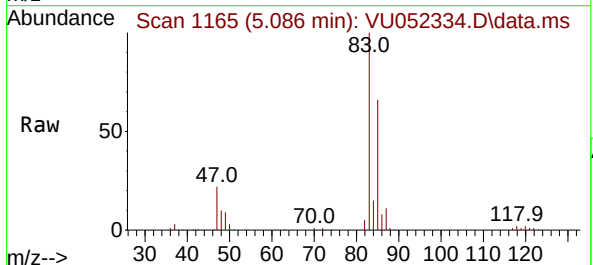
Instrument :
 MSVOA_U
 ClientSampleId :
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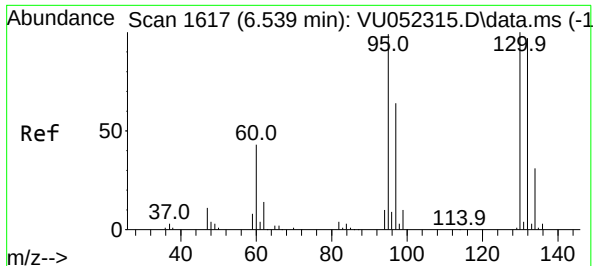
Tgt Ion: 96 Resp: 25614
 Ion Ratio Lower Upper
 96 100
 61 122.2 85.1 158.1
 98 65.0 42.8 79.6



#25
 Chloroform
 Concen: 10.520 ug/L
 RT: 5.086 min Scan# 1165
 Delta R.T. 0.000 min
 Lab File: VU052334.D
 Acq: 10 Dec 2022 04:23

Tgt Ion: 83 Resp: 358212
 Ion Ratio Lower Upper
 83 100
 85 65.5 43.8 81.4



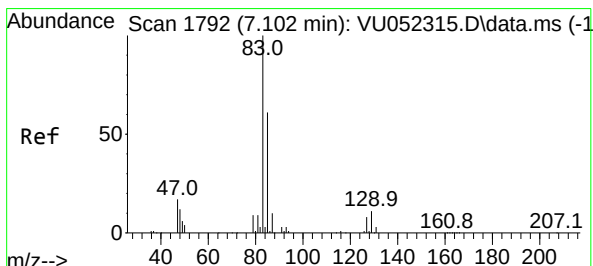
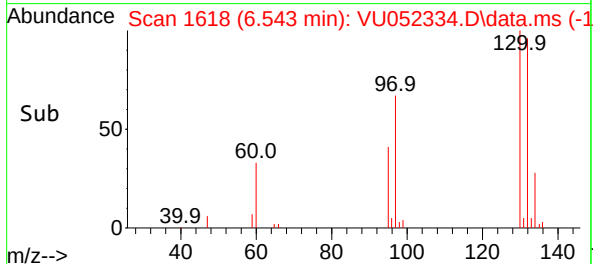
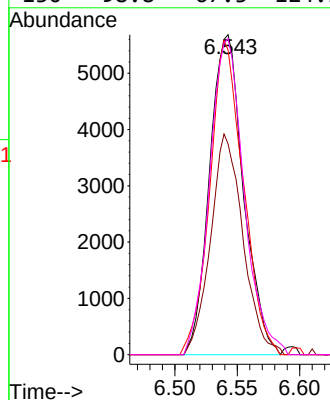
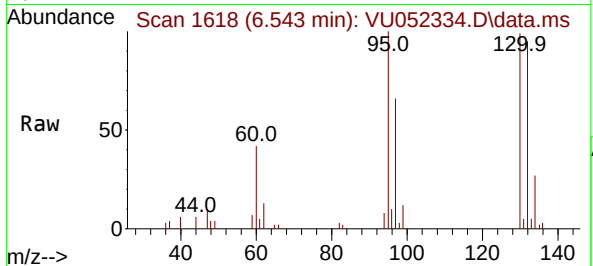


#34
Trichloroethene
Concen: 0.530 ug/L
RT: 6.543 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052334.D
Acq: 10 Dec 2022 04:23

Instrument :
MSVOA_U
ClientSampleId :
EXZA0

Tgt Ion: 95 Resp: 10738

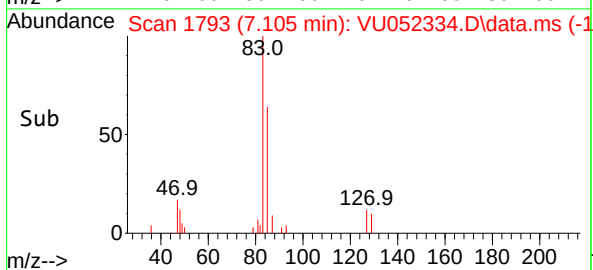
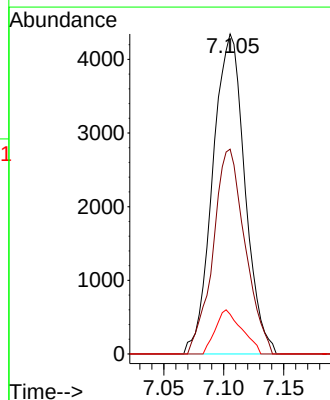
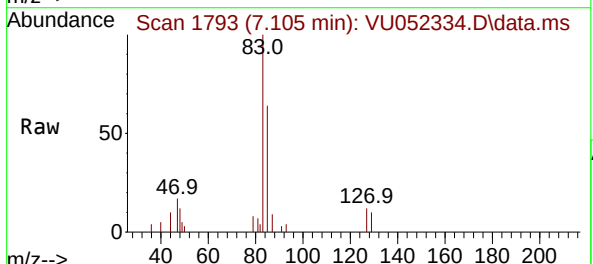
Ion	Ratio	Lower	Upper
95	100		
97	65.9	43.7	81.1
132	95.2	64.3	119.3
130	98.8	67.3	124.9

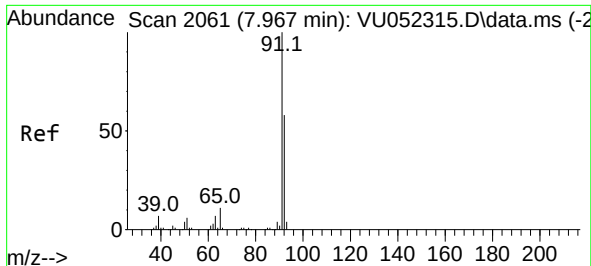


#38
Bromodichloromethane
Concen: 0.315 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU052334.D
Acq: 10 Dec 2022 04:23

Tgt Ion: 83 Resp: 8085

Ion	Ratio	Lower	Upper
83	100		
85	64.0	43.5	80.9
127	12.4	6.8	10.2





#42

Toluene

Concen: 0.200 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052334.D

Acq: 10 Dec 2022 04:23

Instrument :

MSVOA_U

ClientSampleId :

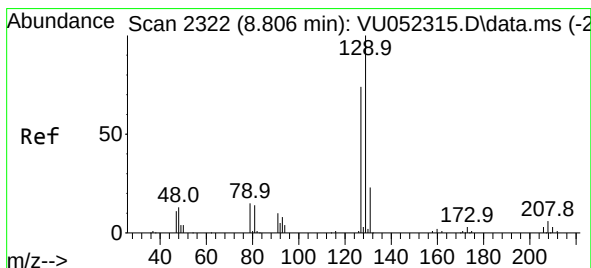
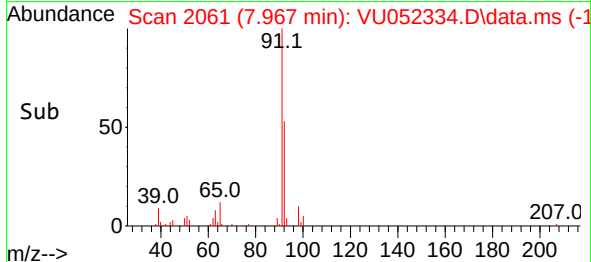
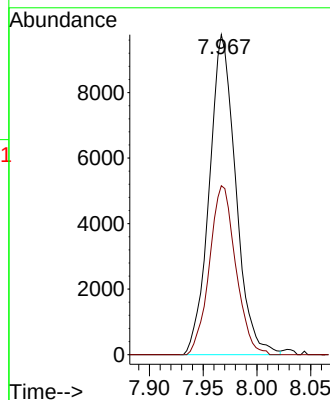
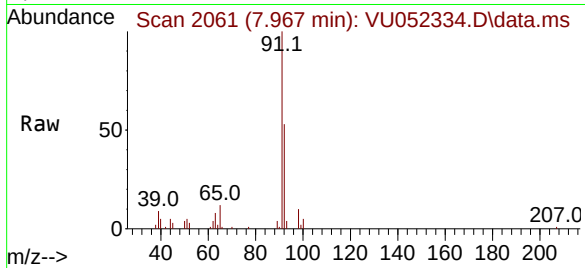
EXZA0

Tgt Ion: 91 Resp: 16716

Ion Ratio Lower Upper

91 100

92 52.8 40.7 75.5



#49

Dibromochloromethane

Concen: 0.074 ug/L

RT: 8.803 min Scan# 2321

Delta R.T. -0.003 min

Lab File: VU052334.D

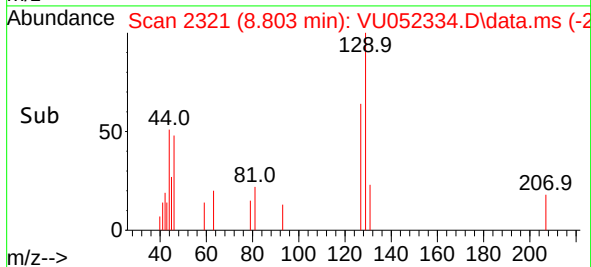
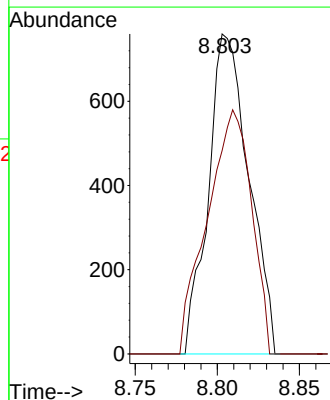
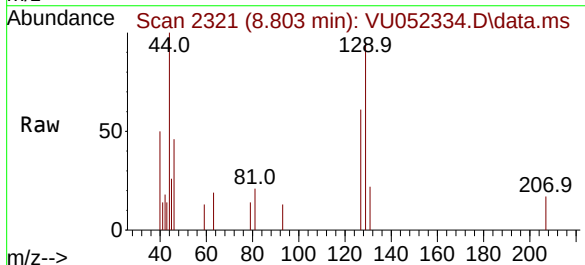
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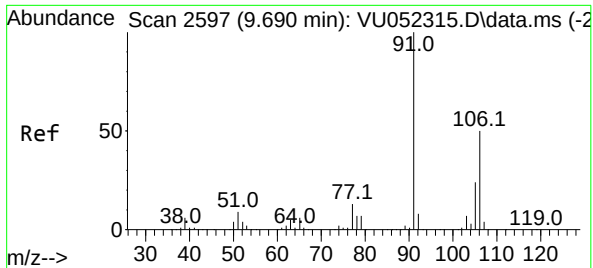
Tgt Ion: 129 Resp: 1304

Ion Ratio Lower Upper

129 100

127 63.6 52.8 98.2





#53
 m,p-Xylene
 Concen: 0.106 ug/L
 RT: 9.690 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU052334.D
 Acq: 10 Dec 2022 04:23

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA0

Tgt Ion:106 Resp: 3347

Ion	Ratio	Lower	Upper
106	100		
91	188.9	137.7	255.7

