

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052316.D
 Acq On : 09 Dec 2022 21:22
 Operator : JC/MD
 Sample : VU1209WBL03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 10 03:22:50 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)

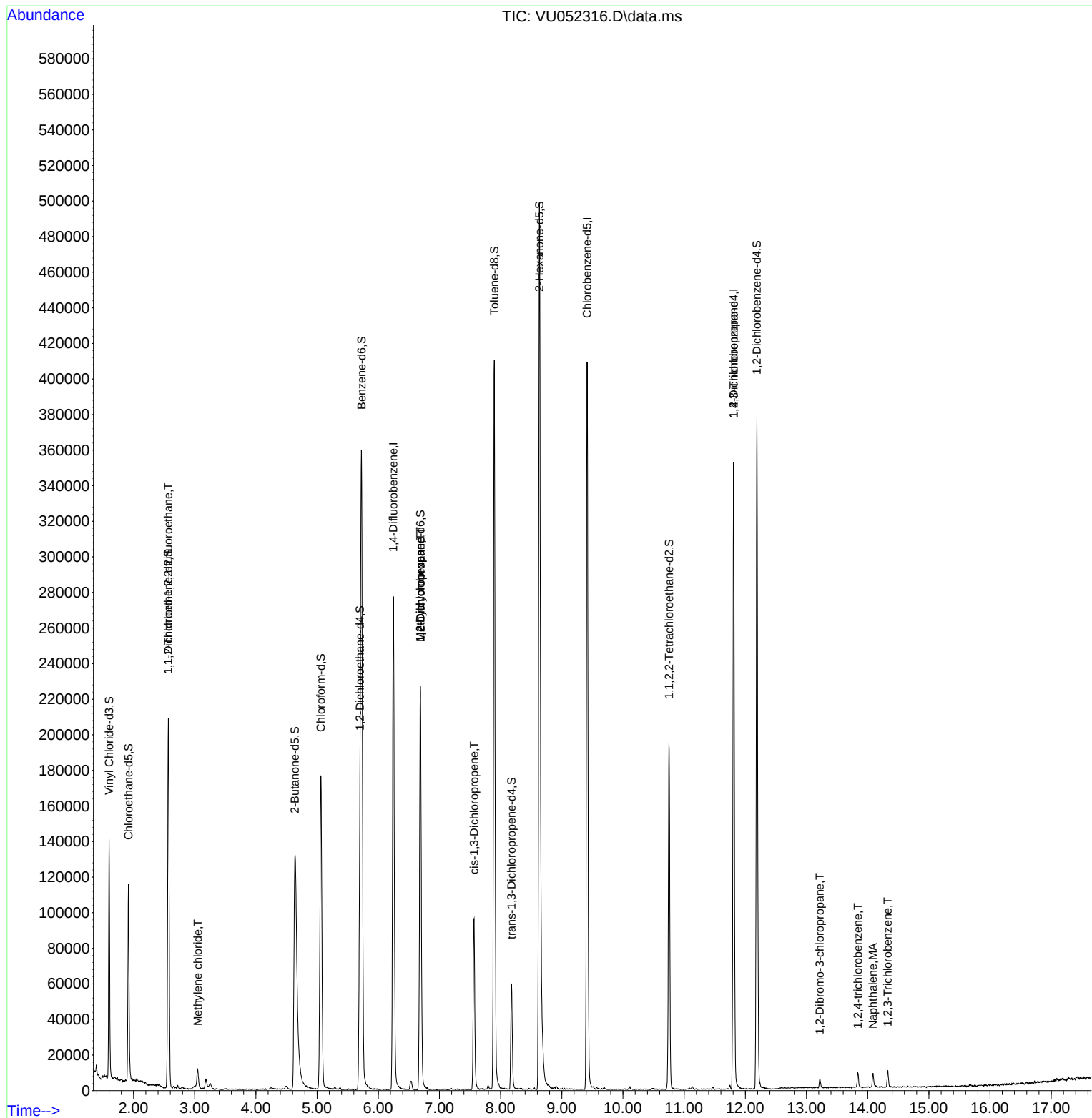
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	231115	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	239427	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97579	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	99546	4.428	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.916	69	85290	4.885	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.569	65	39506	4.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	4.636	46	251035	61.605	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.220%
24) Chloroform-d	5.060	84	171471	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.700	65	90631	5.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.726	84	357086	5.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
36) 1,2-Dichloropropane-d6	6.687	67	119132	5.416	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.400%
41) Toluene-d8	7.896	98	288461	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
43) trans-1,3-Dichloroprop...	8.176	79	36203	4.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.633	63	177752	52.323	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.640%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	101552	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	103550	5.543	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.569	101	1202	0.071	ug/L #	20
16) Methylene chloride	3.051	84	5330	0.235	ug/L	97
35) Methylcyclohexane	6.687	83	26542	0.949	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11667	0.578	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	2467	0.095	ug/L #	58
61) 1,2,3-Trichloropropane	11.809	75	11622	1.041	ug/L #	67
68) 1,2-Dibromo-3-chloropr...	13.218	75	356	0.146	ug/L #	4
70) 1,2,4-trichlorobenzene	13.838	180	3238	0.192	ug/L	95
71) Naphthalene	14.086	128	7892	0.249	ug/L	96
72) 1,2,3-Trichlorobenzene	14.327	180	3967	0.239	ug/L	93

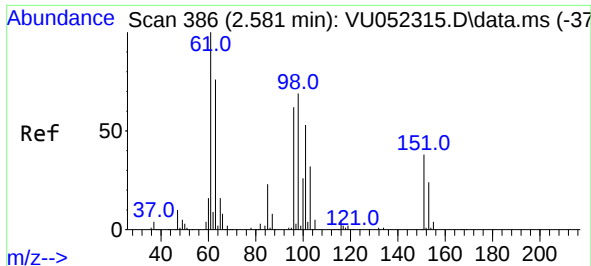
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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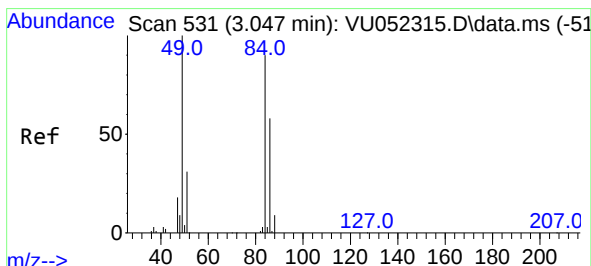
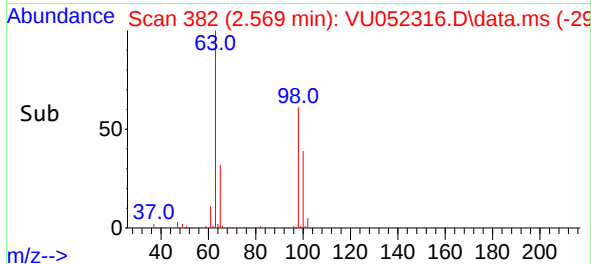
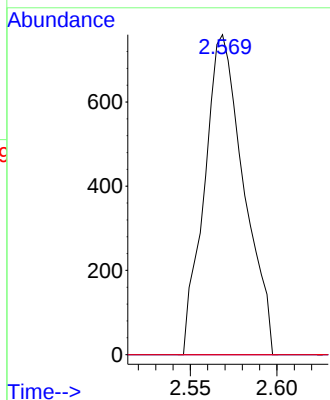
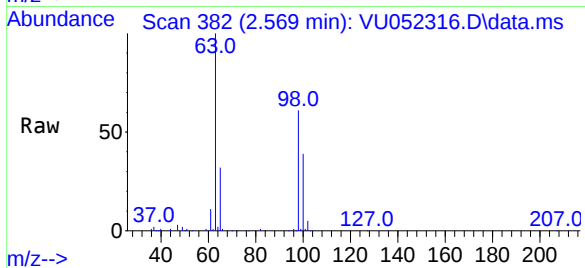




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.569 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU052316.D
Acq: 09 Dec 2022 21:22

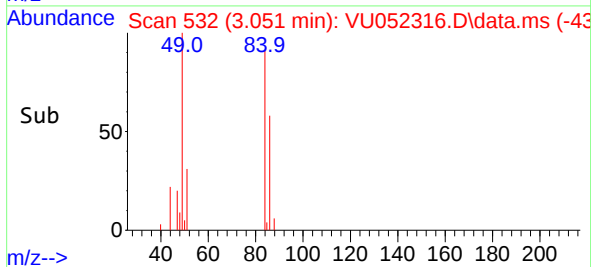
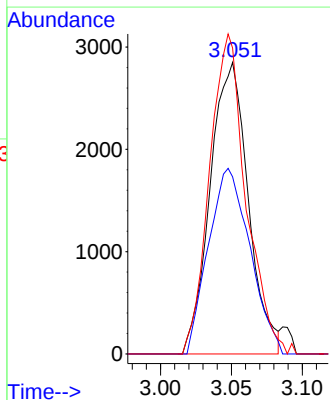
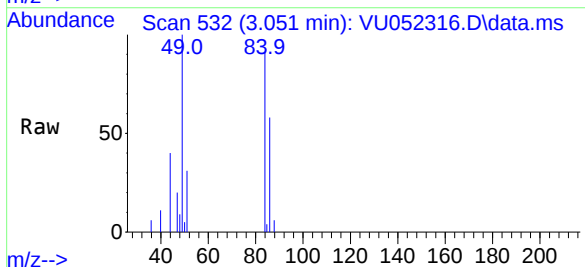
Instrument :
MSVOA_U
ClientSampleId :

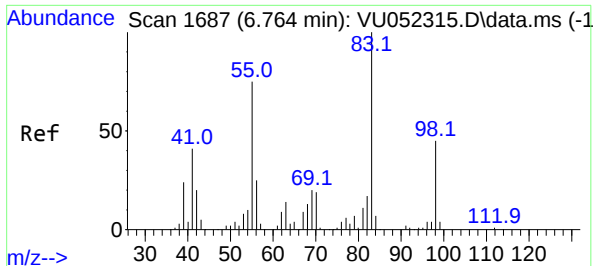
Tgt Ion:101 Resp: 1202
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 0.235 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.003 min
Lab File: VU052316.D
Acq: 09 Dec 2022 21:22

Tgt Ion: 84 Resp: 5330
Ion Ratio Lower Upper
84 100
86 60.7 43.8 81.4
49 104.9 75.9 141.1





#35

Methylcyclohexane

Concen: 0.949 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052316.D

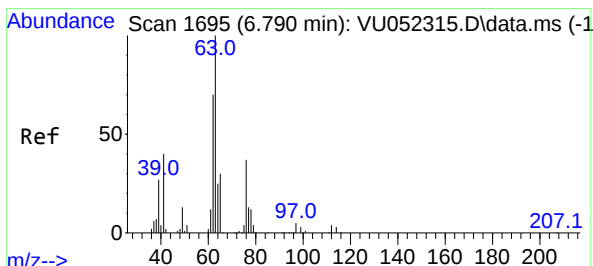
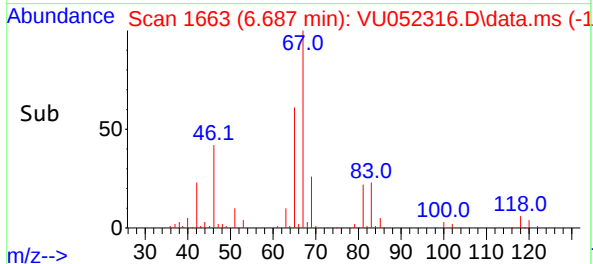
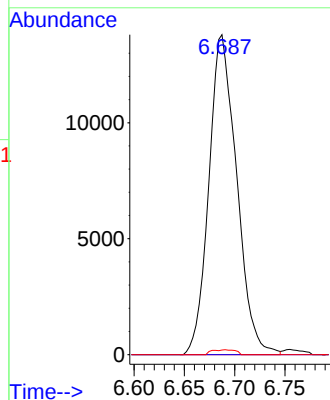
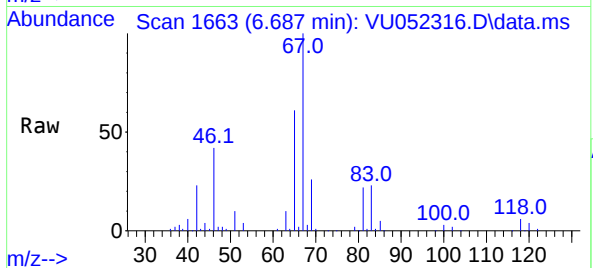
Acq: 09 Dec 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 26542
Ion Ratio	Lower Upper
83 100	
55 0.0	60.8 91.2#
98 1.3	35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.578 ug/L

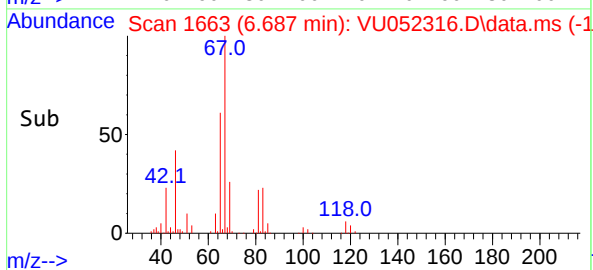
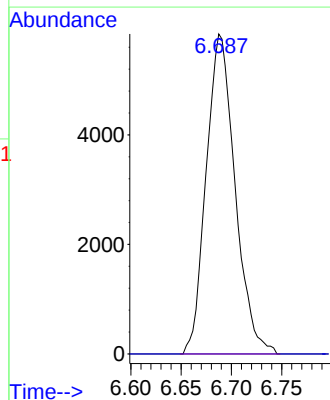
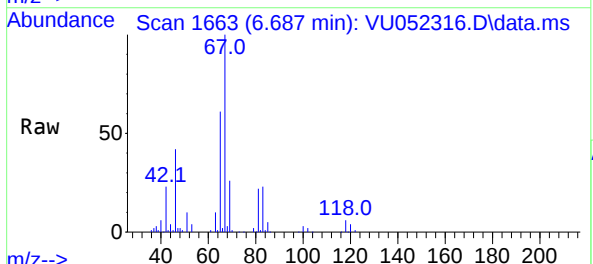
RT: 6.687 min Scan# 1663

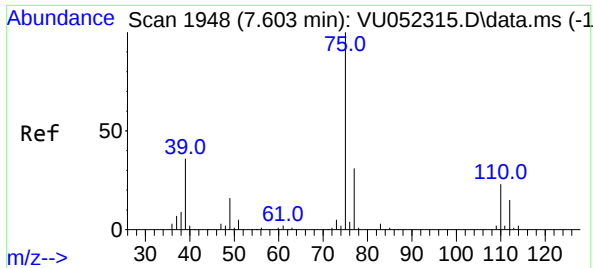
Delta R.T. -0.103 min

Lab File: VU052316.D

Acq: 09 Dec 2022 21:22

Tgt Ion: 63	Resp: 11667
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#

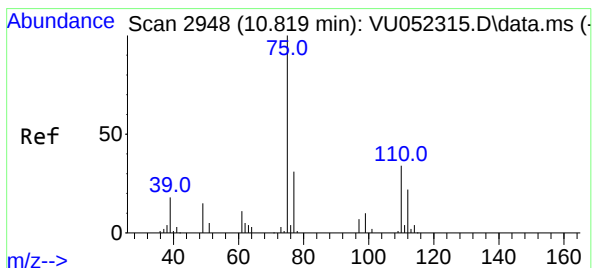
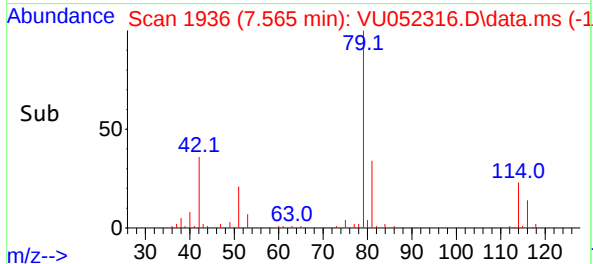
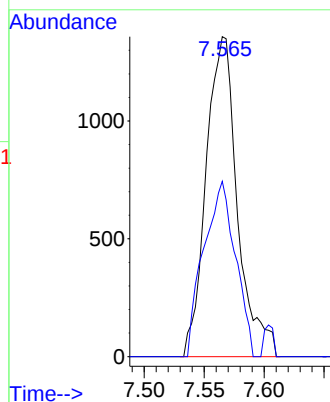
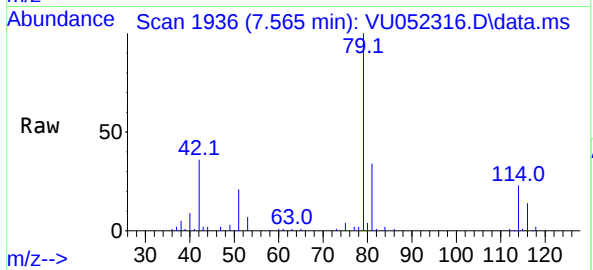




#39
cis-1,3-Dichloropropene
Concen: 0.095 ug/L
RT: 7.565 min Scan# 11
Delta R.T. -0.038 min
Lab File: VU052316.D
Acq: 09 Dec 2022 21:22

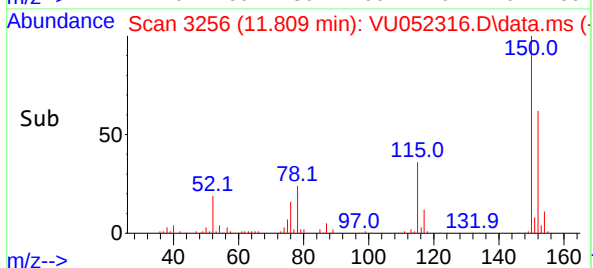
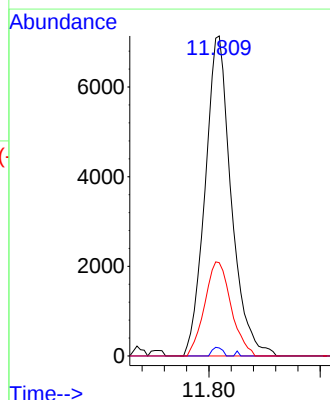
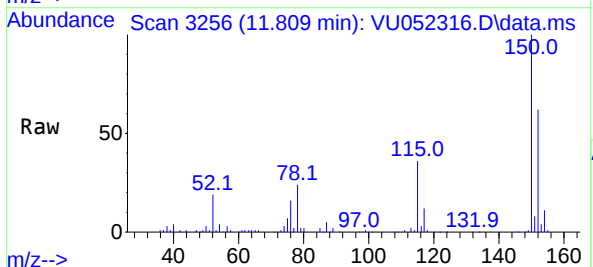
Instrument :
MSVOA_U
ClientSampleId :

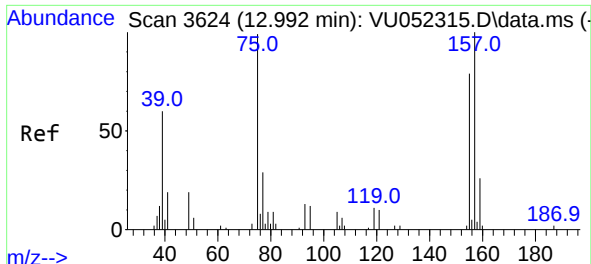
Tgt Ion: 75 Resp: 2467
Ion Ratio Lower Upper
75 100
77 54.8 22.0 40.8#



#61
1,2,3-Trichloropropane
Concen: 1.041 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU052316.D
Acq: 09 Dec 2022 21:22

Tgt Ion: 75 Resp: 11622
Ion Ratio Lower Upper
75 100
110 1.0 28.3 42.5#
77 29.7 26.2 39.2





#68

1,2-Dibromo-3-chloropropane

Concen: 0.146 ug/L

RT: 13.218 min Scan# 3694

Delta R.T. 0.225 min

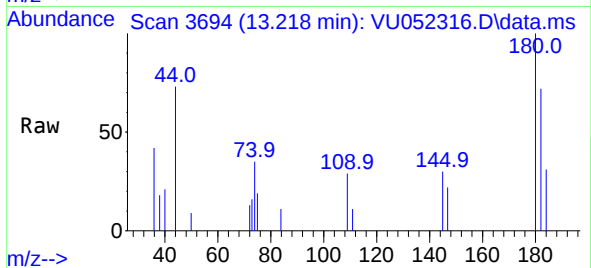
Lab File: VU052316.D

Acq: 09 Dec 2022 21:22

Instrument :

MSVOA_U

ClientSampleId :



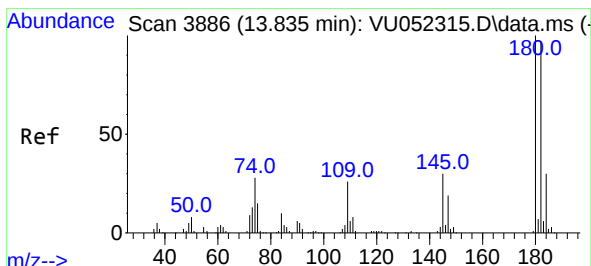
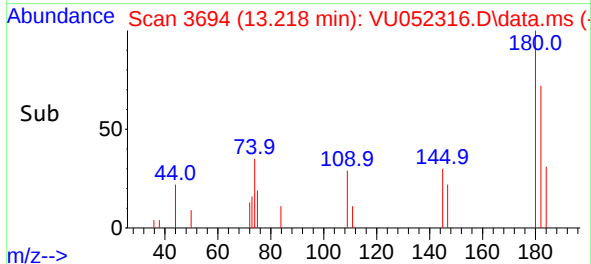
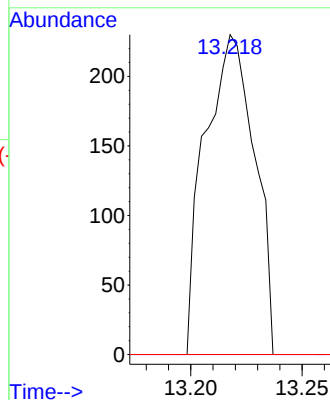
Tgt Ion: 75 Resp: 356

Ion Ratio Lower Upper

75 100

155 0.0 65.4 98.2#

157 0.0 80.5 120.7#



#70

1,2,4-trichlorobenzene

Concen: 0.192 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU052316.D

Acq: 09 Dec 2022 21:22

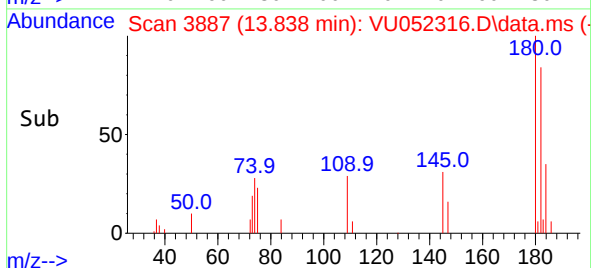
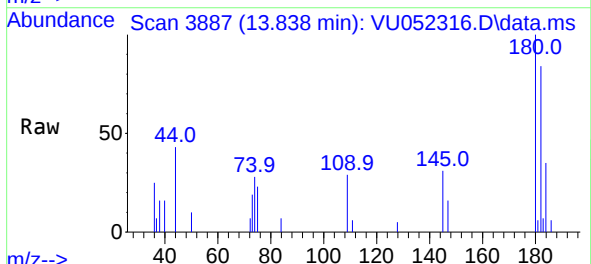
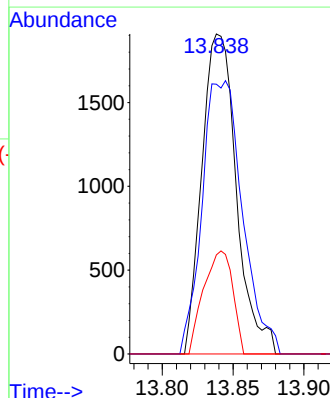
Tgt Ion:180 Resp: 3238

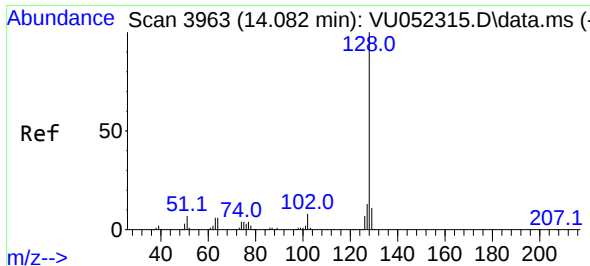
Ion Ratio Lower Upper

180 100

182 99.6 76.3 114.5

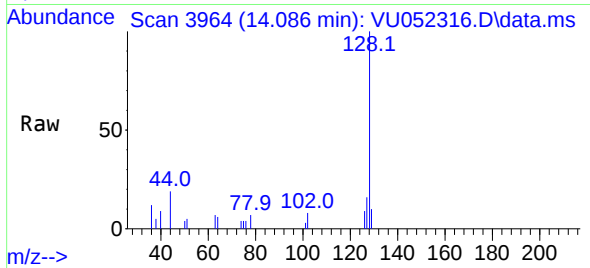
145 27.1 24.6 36.8



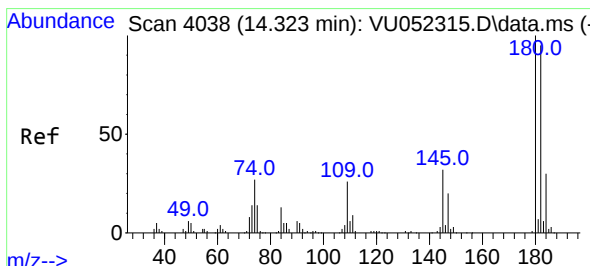
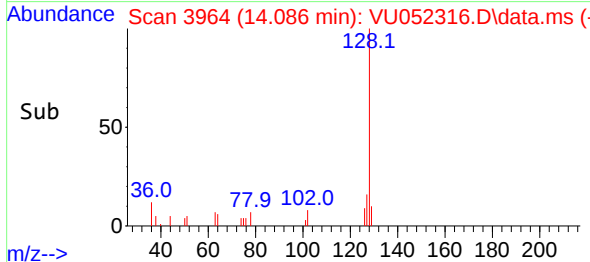
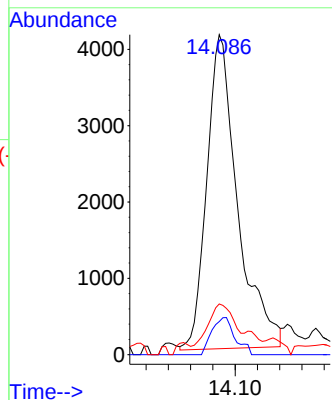


#71
Naphthalene
Concen: 0.249 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU052316.D
Acq: 09 Dec 2022 21:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 7892
Ion Ratio Lower Upper
128 100
129 8.9 8.3 12.5
127 11.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.239 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU052316.D
Acq: 09 Dec 2022 21:22

Tgt Ion:180 Resp: 3967
Ion Ratio Lower Upper
180 100
182 87.3 75.7 113.5
145 28.7 24.5 36.7

