

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052312.D
 Acq On : 09 Dec 2022 19:23
 Operator : JC/MD
 Sample : N5949-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 23:13:41 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)

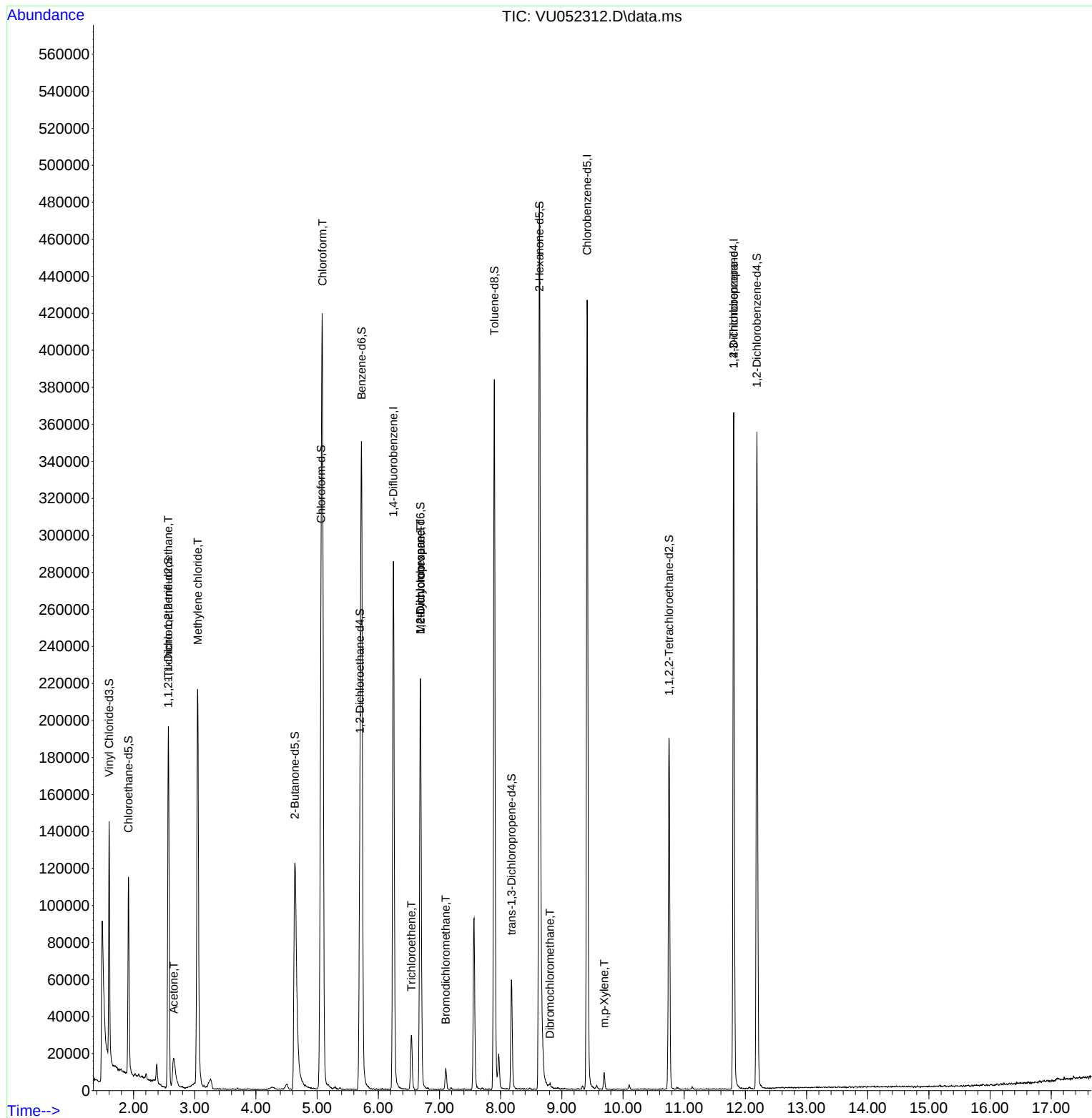
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	238107	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	247934	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	100731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	94776	4.092	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.916	69	83534	4.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.568	65	37474	4.514	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	4.636	46	238887	56.902	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.800%
24) Chloroform-d	5.063	84	183303	5.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.700	65	89171	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.726	84	347615	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.687	67	114812	5.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.896	98	271934	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.176	79	35386	4.263	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.632	63	166711	47.389	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.780%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	100490	5.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	98681	5.117	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1041	0.060	ug/L #	20
13) Acetone	2.655	43	34903	12.243	ug/L	99
16) Methylene chloride	3.047	84	115442	4.940	ug/L	99
25) Chloroform	5.086	83	338695	10.016	ug/L	98
34) Trichloroethene	6.542	95	10336	0.514	ug/L	98
35) Methylcyclohexane	6.687	83	25808	0.891	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	11339	0.543	ug/L #	88
38) Bromodichloromethane	7.102	83	7548	0.296	ug/L #	98
49) Dibromochloromethane	8.806	129	1471	0.084	ug/L #	67
53) m,p-Xylene	9.693	106	2863	0.092	ug/L	92
61) 1,2,3-Trichloropropane	11.809	75	12627	1.095	ug/L #	65

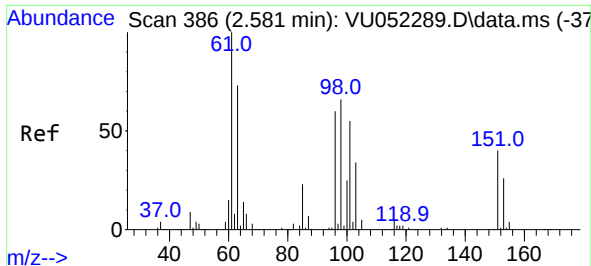
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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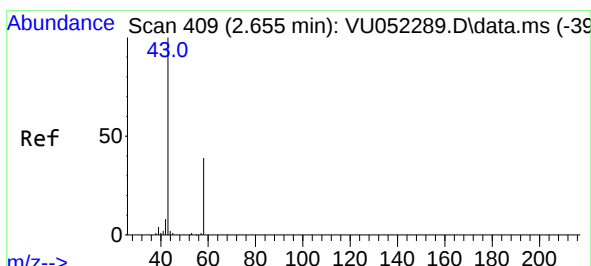
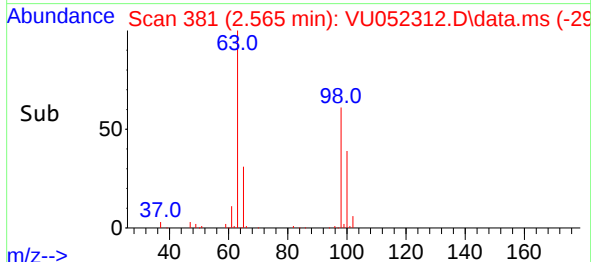
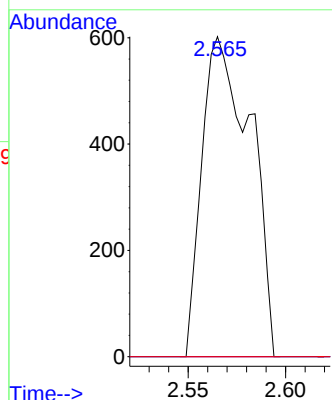
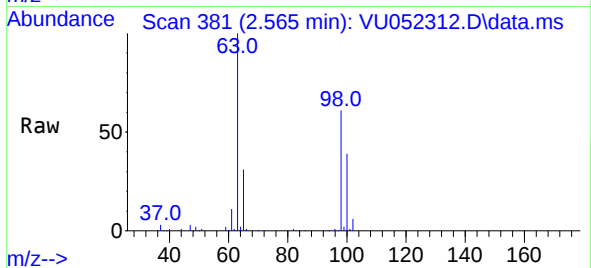




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.565 min Scan# 386
Delta R.T. -0.016 min
Lab File: VU052312.D
Acq: 09 Dec 2022 19:23

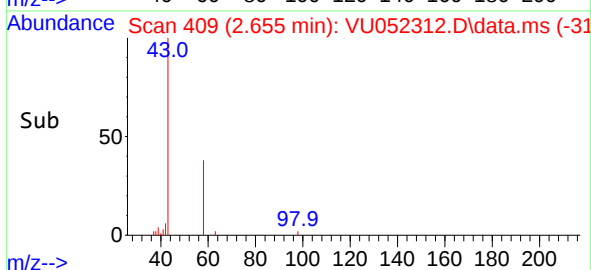
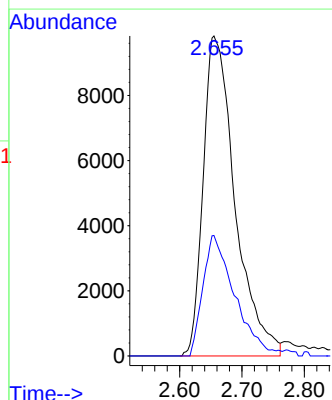
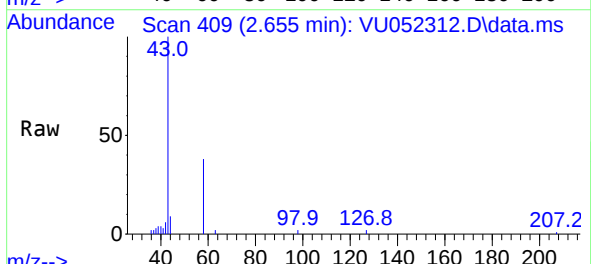
Instrument :
MSVOA_U
ClientSampleId :

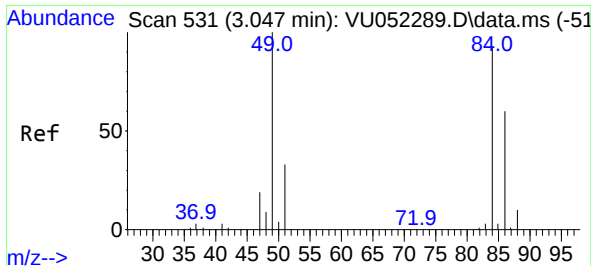
Tgt Ion:101 Resp: 1041
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#13
Acetone
Concen: 12.243 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.010 min
Lab File: VU052312.D
Acq: 09 Dec 2022 19:23

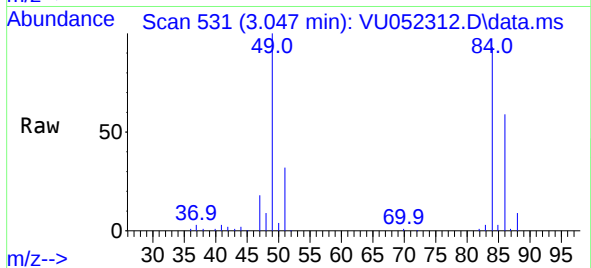
Tgt Ion: 43 Resp: 34903
Ion Ratio Lower Upper
43 100
58 37.6 0.0 76.0



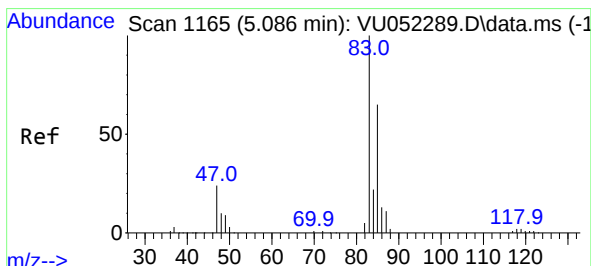
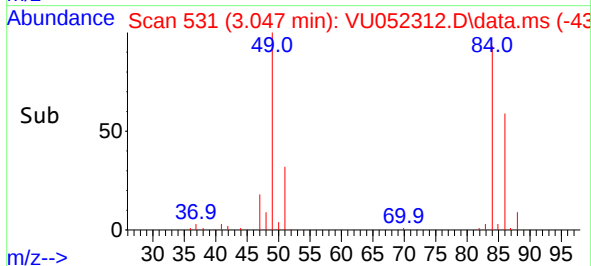
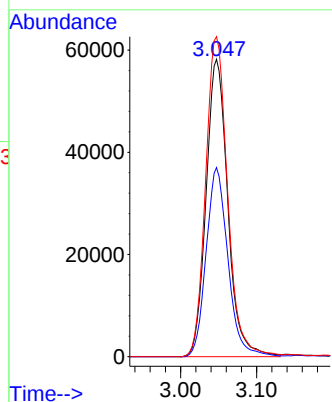


#16
Methylene chloride
Concen: 4.940 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU052312.D
Acq: 09 Dec 2022 19:23

Instrument :
MSVOA_U
ClientSampleId :

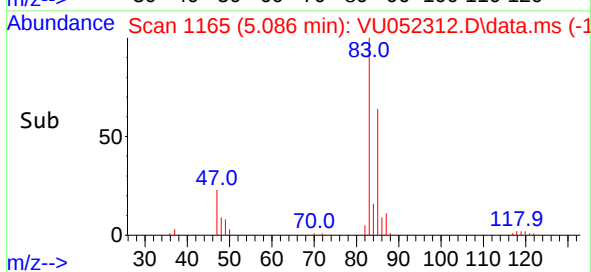
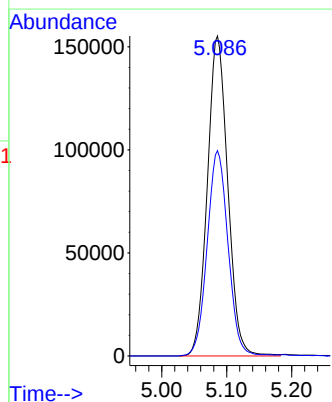
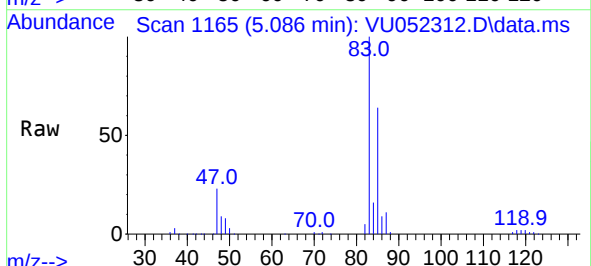


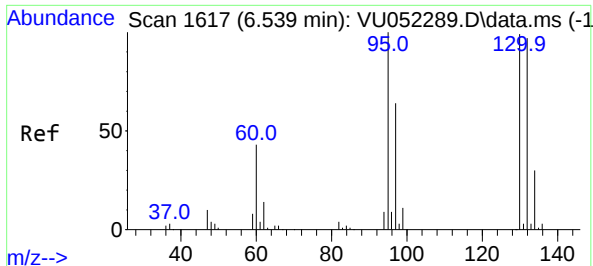
Tgt Ion: 84 Resp: 115442
Ion Ratio Lower Upper
84 100
86 63.6 43.8 81.4
49 107.6 75.9 141.1



#25
Chloroform
Concen: 10.016 ug/L
RT: 5.086 min Scan# 1165
Delta R.T. -0.000 min
Lab File: VU052312.D
Acq: 09 Dec 2022 19:23

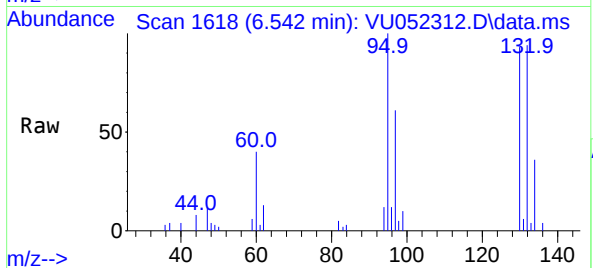
Tgt Ion: 83 Resp: 338695
Ion Ratio Lower Upper
83 100
85 64.1 43.8 81.4



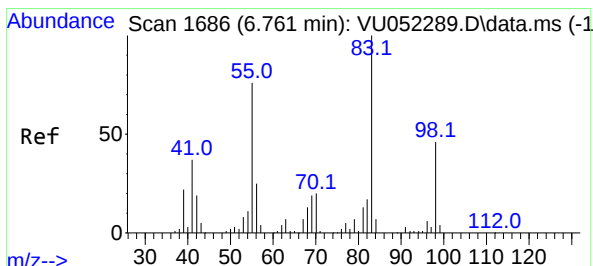
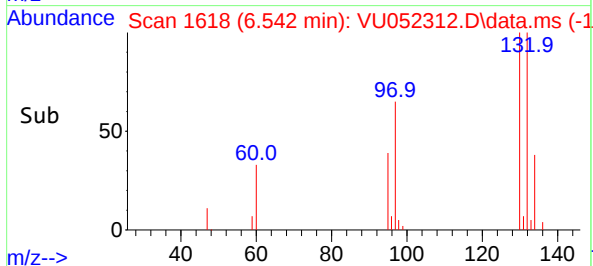
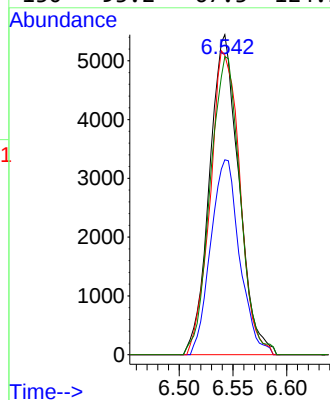


#34
Trichloroethene
Concen: 0.514 ug/L
RT: 6.542 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052312.D
Acq: 09 Dec 2022 19:23

Instrument :
MSVOA_U
ClientSampleId :

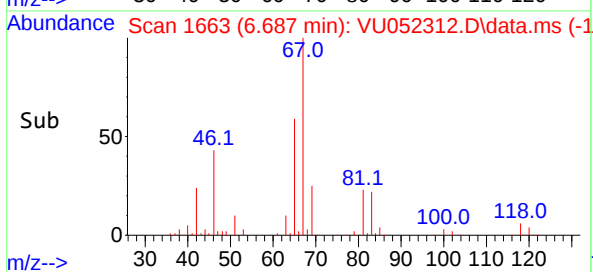
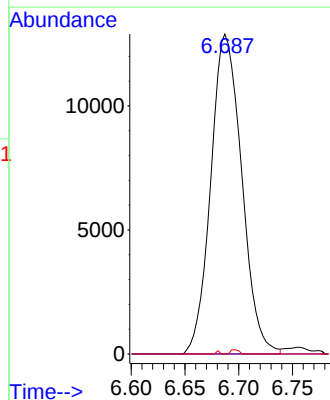
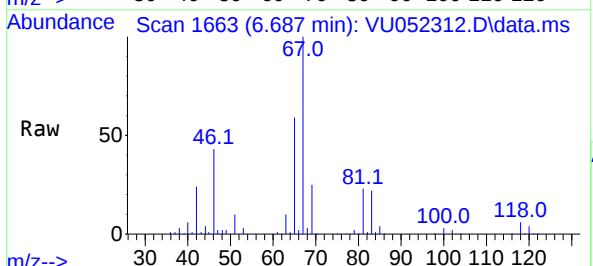


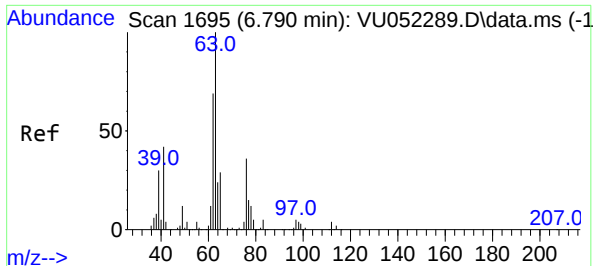
Tgt Ion: 95 Resp: 10336
Ion Ratio Lower Upper
95 100
97 60.9 43.7 81.1
132 93.6 64.3 119.3
130 93.2 67.3 124.9



#35
Methylcyclohexane
Concen: 0.891 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052312.D
Acq: 09 Dec 2022 19:23

Tgt Ion: 83 Resp: 25808
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 0.3 35.1 52.7#

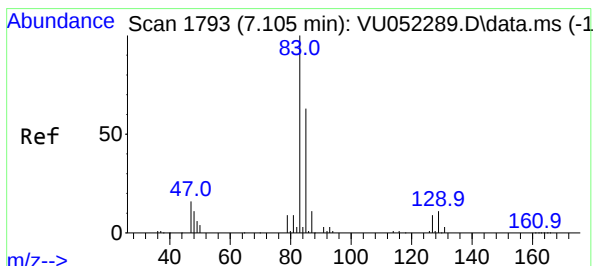
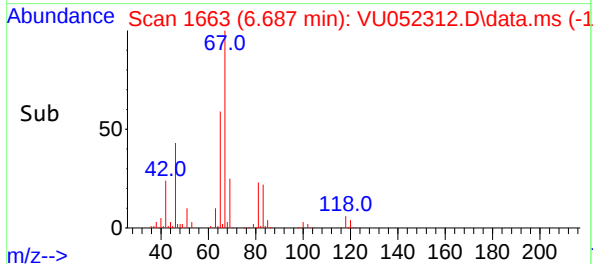
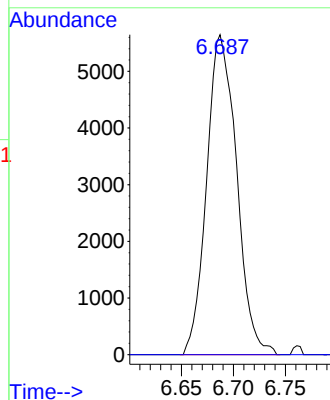
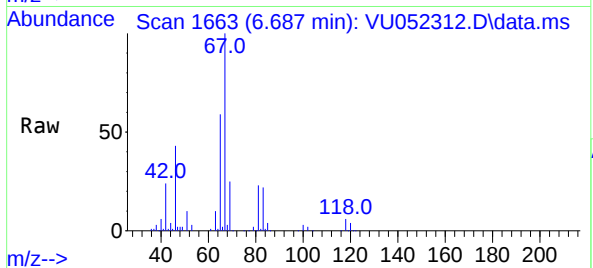




#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.687 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU052312.D
Acq: 09 Dec 2022 19:23

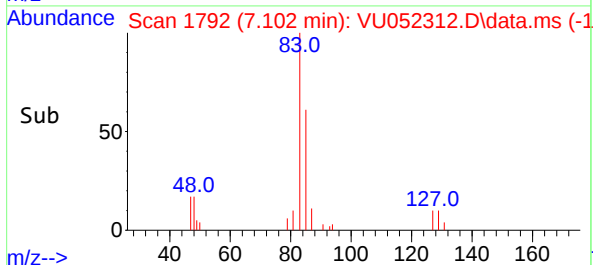
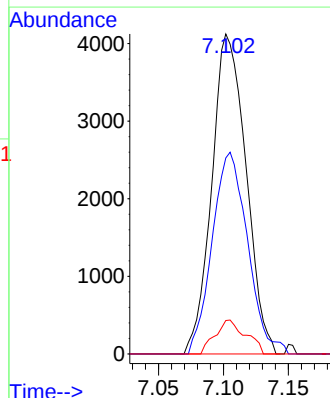
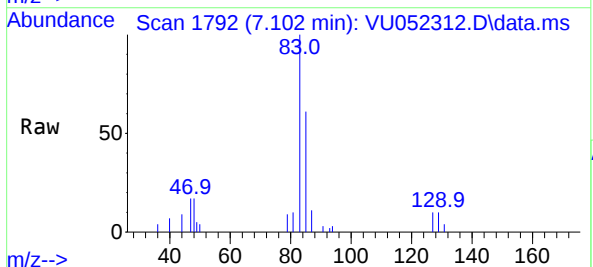
Instrument :
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ClientSampleId :

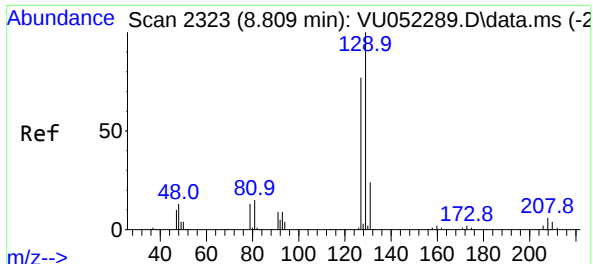
Tgt Ion: 63 Resp: 11339
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.296 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052312.D
Acq: 09 Dec 2022 19:23

Tgt Ion: 83 Resp: 7548
Ion Ratio Lower Upper
83 100
85 61.2 43.5 80.9
127 10.5 6.8 10.2#





#49

Dibromochloromethane

Concen: 0.084 ug/L

RT: 8.806 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU052312.D

Acq: 09 Dec 2022 19:23

Instrument :

MSVOA_U

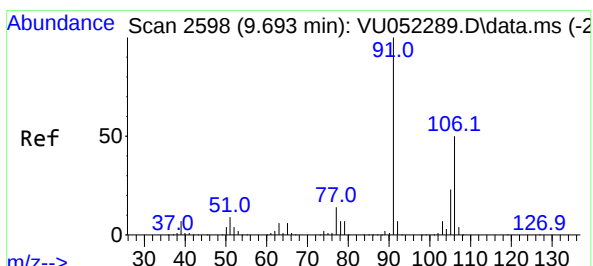
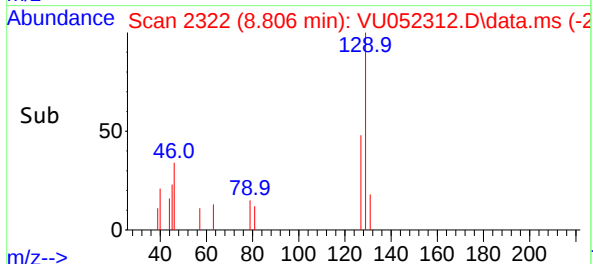
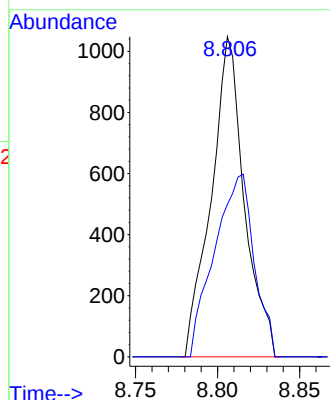
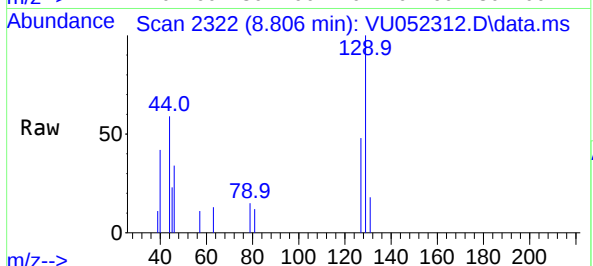
ClientSampleId :

Tgt Ion:129 Resp: 1471

Ion Ratio Lower Upper

129 100

127 47.6 52.8 98.2#



#53

m,p-Xylene

Concen: 0.092 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. -0.000 min

Lab File: VU052312.D

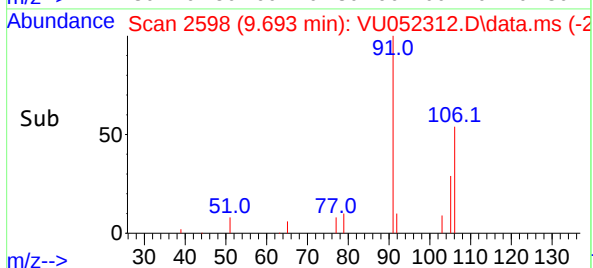
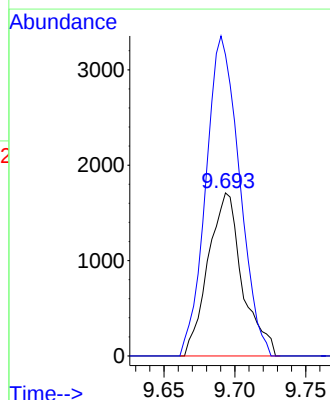
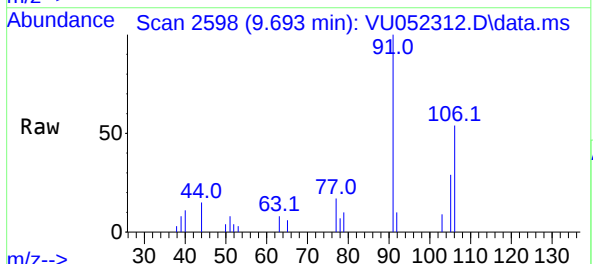
Acq: 09 Dec 2022 19:23

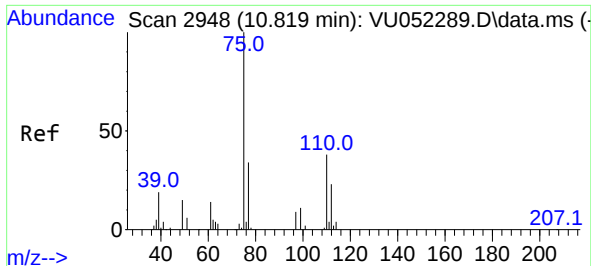
Tgt Ion:106 Resp: 2863

Ion Ratio Lower Upper

106 100

91 184.6 137.7 255.7





#61

1,2,3-Trichloropropane

Concen: 1.095 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.990 min

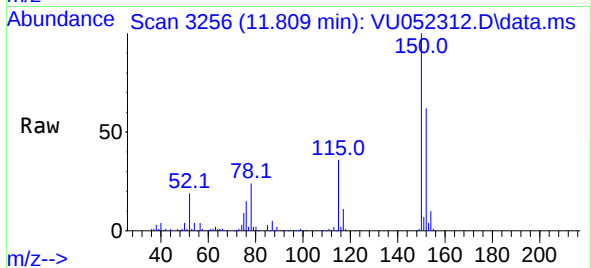
Lab File: VU052312.D

Acq: 09 Dec 2022 19:23

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 12627

Ion Ratio Lower Upper

75 100

110 0.9 28.3 42.5#

77 27.4 26.2 39.2

