

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052252.D
 Acq On : 08 Dec 2022 16:34
 Operator : JC/MD
 Sample : N5960-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL24

Quant Time: Dec 08 22:32:45 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)

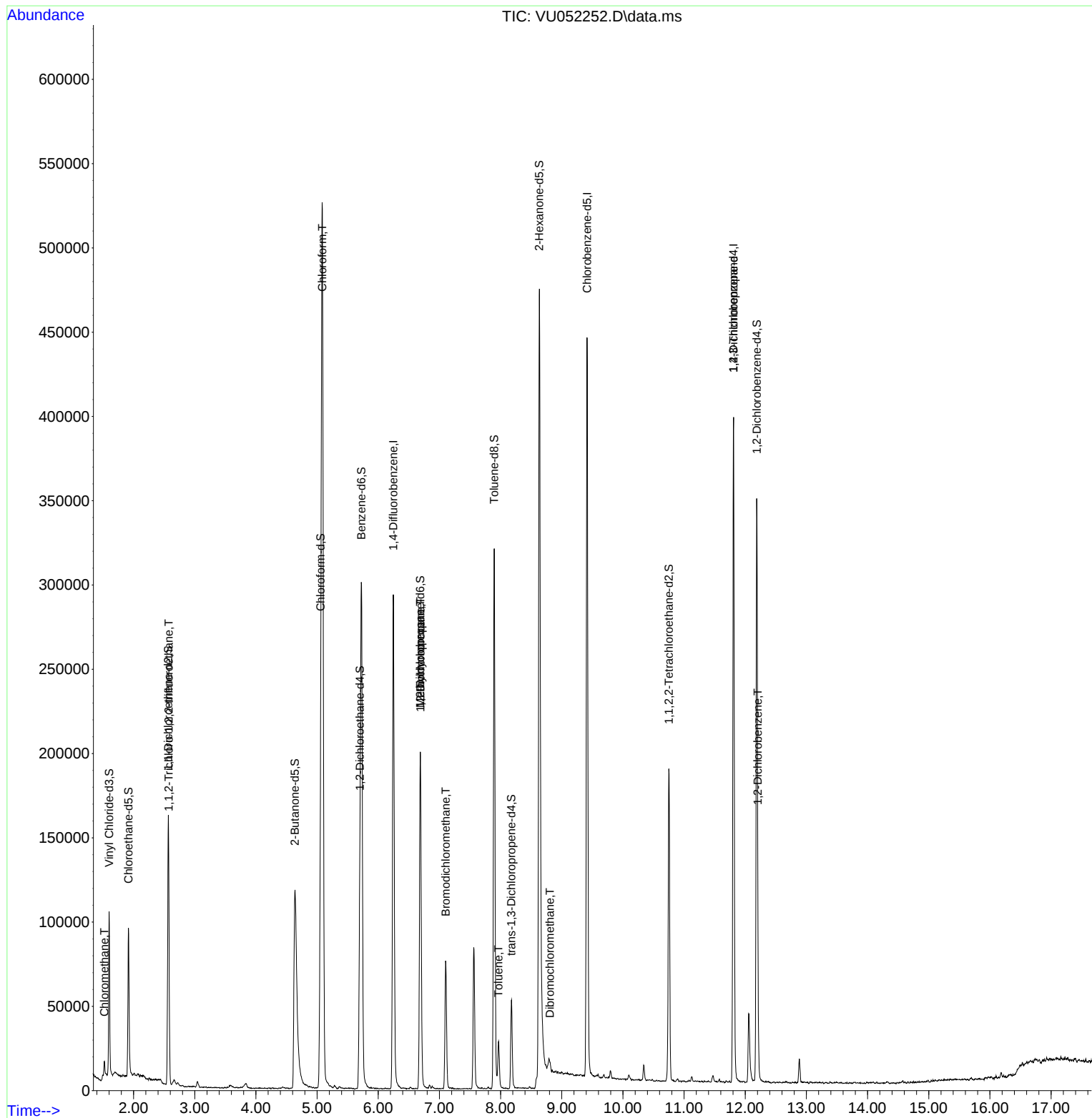
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	243075	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	256596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	71404	3.020	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.400%
7) Chloroethane-d5	1.916	69	69206	3.768	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.568	65	29325	3.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.639	46	238110	55.558	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.120%
24) Chloroform-d	5.060	84	173302	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.700	65	79221	4.515	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.726	84	300471	3.944	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.687	67	103169	4.376	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.896	98	224950	3.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	8.176	79	31117	3.622	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.633	63	164058	45.061	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.120%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	96622	4.727	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.189	152	96162	4.614	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	6165	0.224	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	775	0.044	ug/L #	20
25) Chloroform	5.086	83	446533	12.935	ug/L	98
35) Methylcyclohexane	6.687	83	22950	0.766	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10516	0.486	ug/L #	89
38) Bromodichloromethane	7.102	83	50817	1.928	ug/L	95
42) Toluene	7.967	91	20288	0.236	ug/L	99
49) Dibromochloromethane	8.809	129	1989	0.109	ug/L	84
61) 1,2,3-Trichloropropane	11.809	75	13459	1.080	ug/L #	67
67) 1,2-Dichlorobenzene	12.205	146	6348	0.189	ug/L #	83

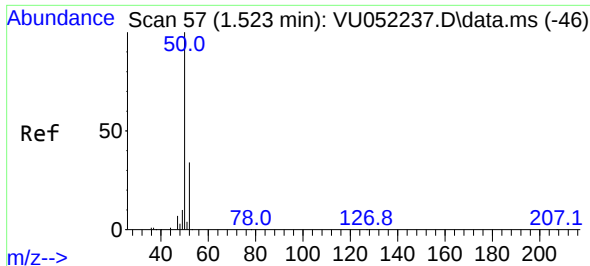
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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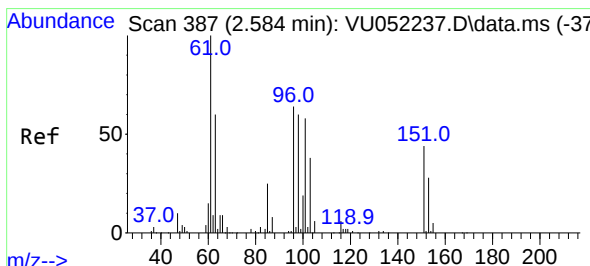
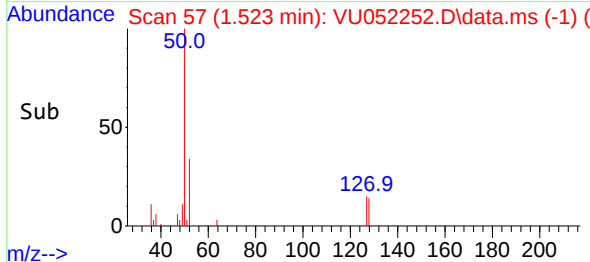
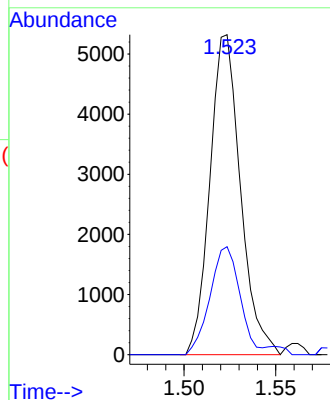
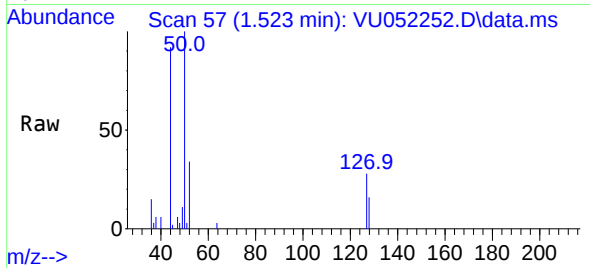




#3
Chloromethane
Concen: 0.224 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU052252.D
Acq: 08 Dec 2022 16:34

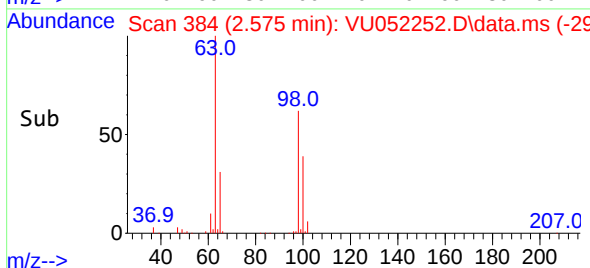
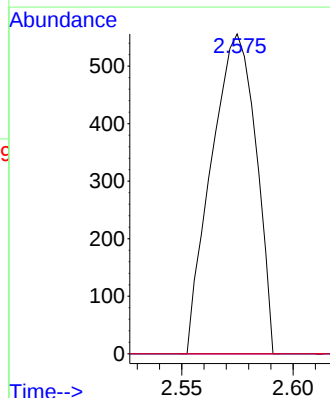
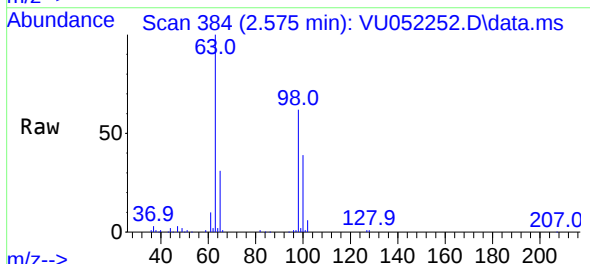
Instrument :
MSVOA_U
ClientSampleId :
COL24

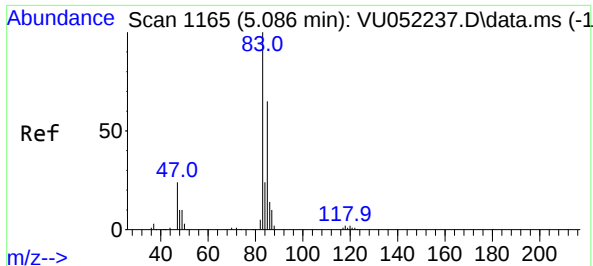
Tgt Ion: 50 Resp: 6165
Ion Ratio Lower Upper
50 100
52 33.8 23.4 43.4



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.044 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU052252.D
Acq: 08 Dec 2022 16:34

Tgt Ion: 101 Resp: 775
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#





#25

Chloroform

Concen: 12.935 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052252.D

Acq: 08 Dec 2022 16:34

Instrument :

MSVOA_U

ClientSampleId :

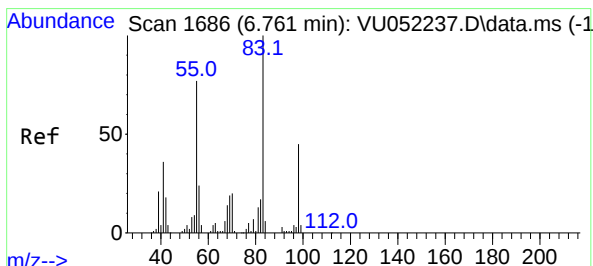
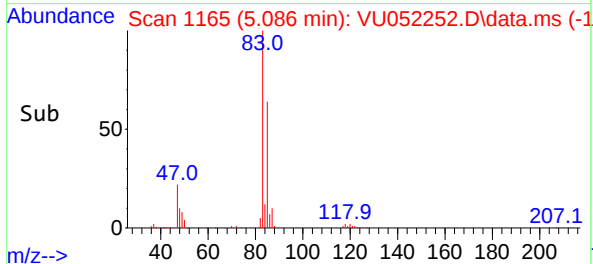
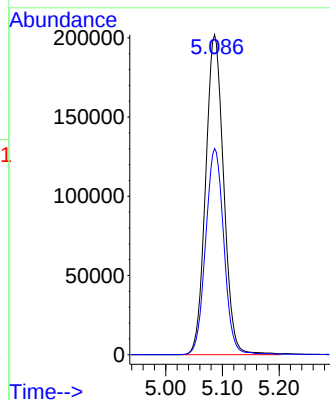
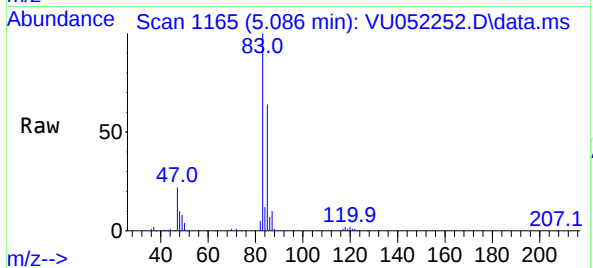
COL24

Tgt Ion: 83 Resp: 446533

Ion Ratio Lower Upper

83 100

85 64.4 43.8 81.4



#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052252.D

Acq: 08 Dec 2022 16:34

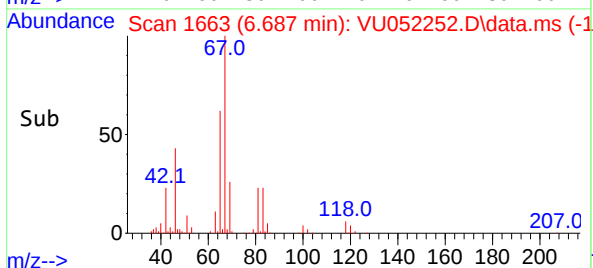
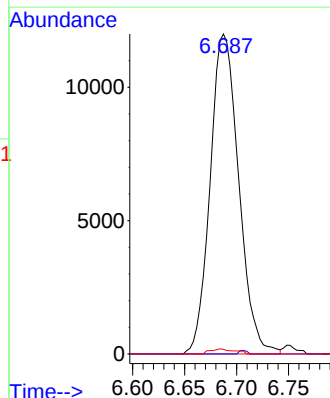
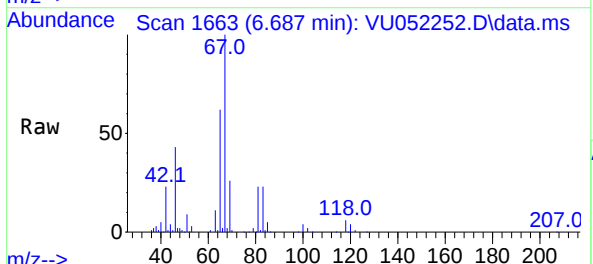
Tgt Ion: 83 Resp: 22950

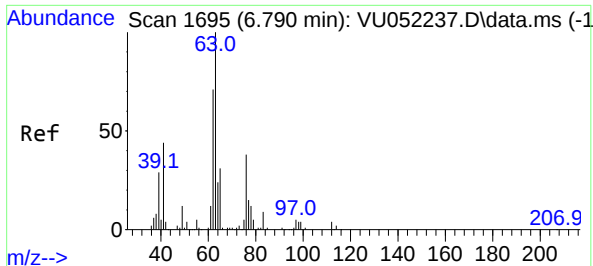
Ion Ratio Lower Upper

83 100

55 0.3 60.8 91.2#

98 1.4 35.1 52.7#

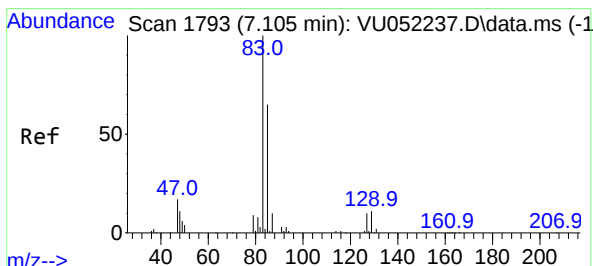
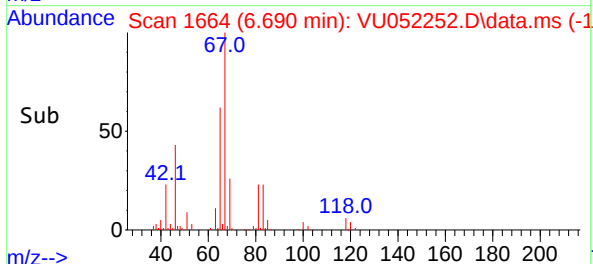
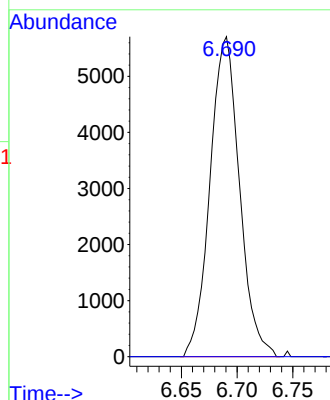
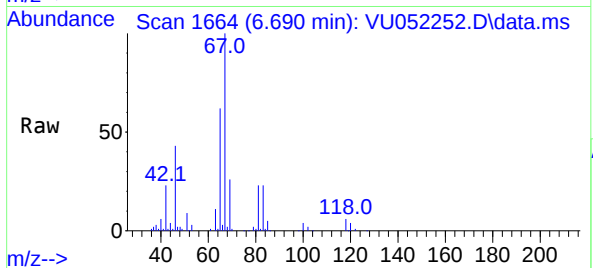




#37
1,2-Dichloropropane
Concen: 0.486 ug/L
RT: 6.690 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU052252.D
Acq: 08 Dec 2022 16:34

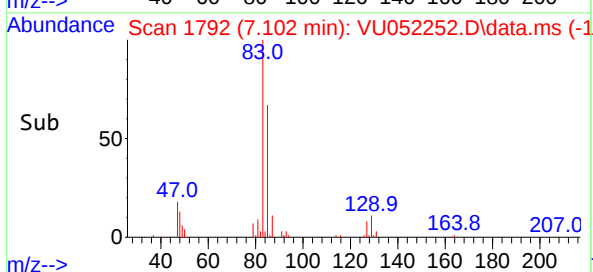
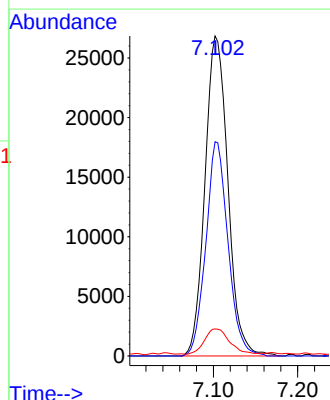
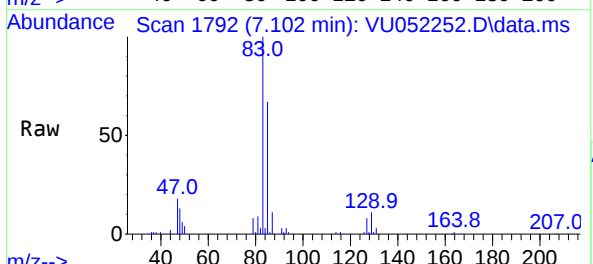
Instrument :
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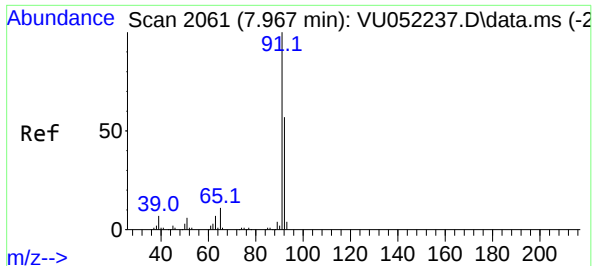
Tgt Ion: 63 Resp: 10516
Ion Ratio Lower Upper
63 100
112 0.4 3.3 4.9#



#38
Bromodichloromethane
Concen: 1.928 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052252.D
Acq: 08 Dec 2022 16:34

Tgt Ion: 83 Resp: 50817
Ion Ratio Lower Upper
83 100
85 67.0 43.5 80.9
127 8.5 6.8 10.2

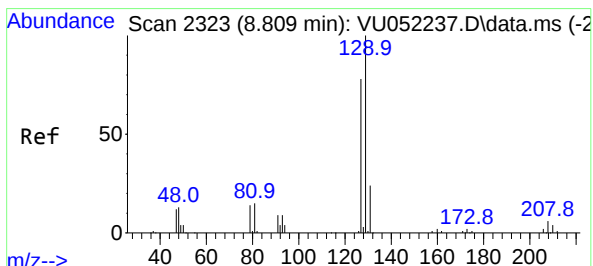
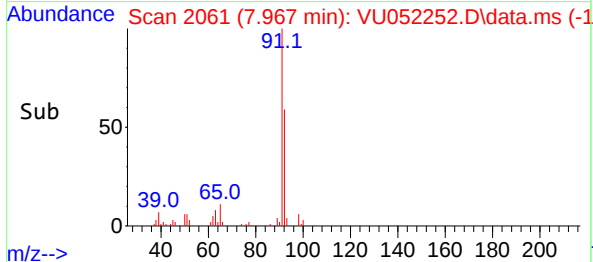
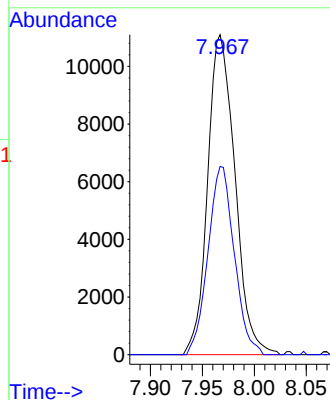
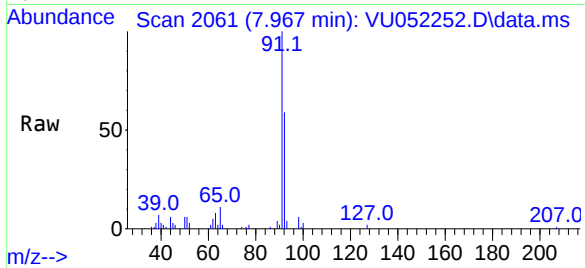




#42
Toluene
Concen: 0.236 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VU052252.D
Acq: 08 Dec 2022 16:34

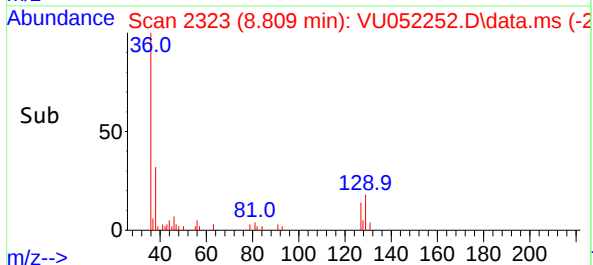
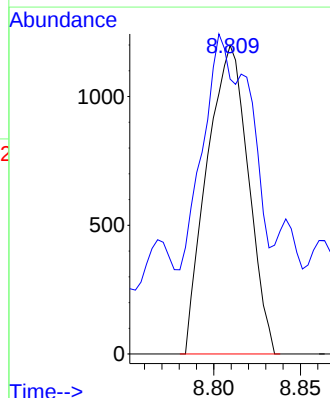
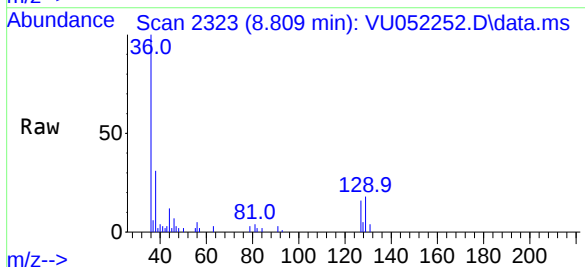
Instrument :
MSVOA_U
ClientSampleId :
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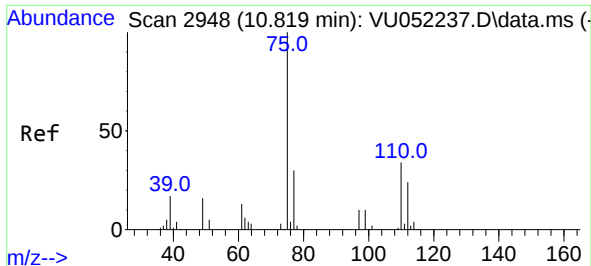
Tgt Ion: 91 Resp: 20288
Ion Ratio Lower Upper
91 100
92 58.8 40.7 75.5



#49
Dibromochloromethane
Concen: 0.109 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU052252.D
Acq: 08 Dec 2022 16:34

Tgt Ion: 129 Resp: 1989
Ion Ratio Lower Upper
129 100
127 89.1 52.8 98.2

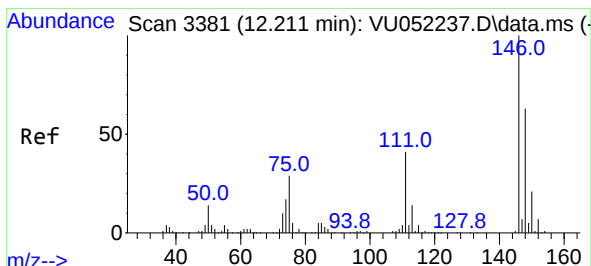
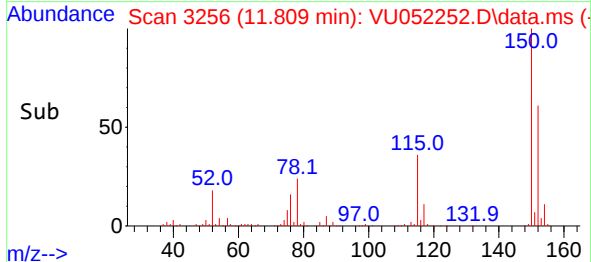
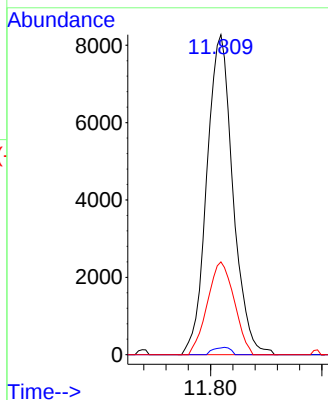
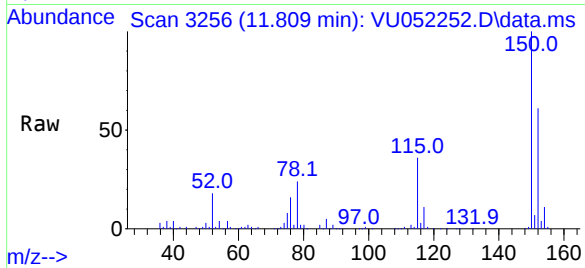




#61
1,2,3-Trichloropropane
Concen: 1.080 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052252.D
Acq: 08 Dec 2022 16:34

Instrument :
MSVOA_U
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Tgt Ion: 75 Resp: 13459
Ion Ratio Lower Upper
75 100
110 1.5 28.3 42.5#
77 29.7 26.2 39.2



#67
1,2-Dichlorobenzene
Concen: 0.189 ug/L
RT: 12.205 min Scan# 3379
Delta R.T. -0.003 min
Lab File: VU052252.D
Acq: 08 Dec 2022 16:34

Tgt Ion: 146 Resp: 6348
Ion Ratio Lower Upper
146 100
111 56.0 32.7 49.1#
148 73.2 50.6 75.8

