

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052253.D
 Acq On : 08 Dec 2022 16:58
 Operator : JC/MD
 Sample : N5916-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5N31

Quant Time: Dec 08 22:32:55 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)

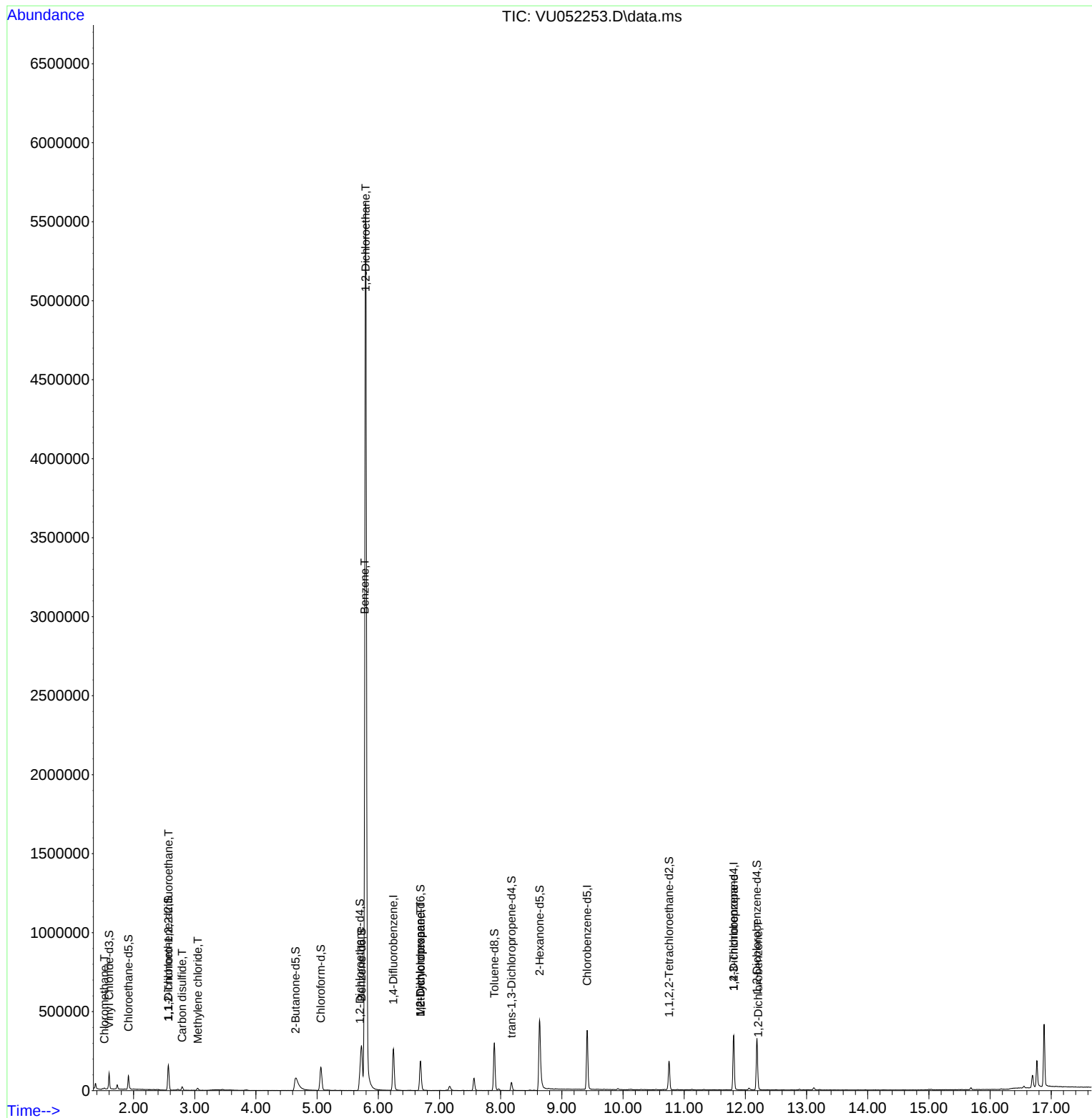
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	224981	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	215696	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	97784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	71793	3.281	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.916	69	65955	3.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.568	65	30163	3.845	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.000%
20) 2-Butanone-d5	4.649	46	229412	57.834	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.660%
24) Chloroform-d	5.060	84	144915	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.700	65	75958	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.726	84	287377	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.690	67	98453	4.968	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.896	98	213435	3.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.176	79	29758	4.121	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.636	63	166080	54.266	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.540%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94591	5.505	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	88985	4.753	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
3) Chloromethane	1.523	50	3786	0.149	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	964	0.059	ug/L #	20
14) Carbon disulfide	2.794	76	28415	0.503	ug/L	97
16) Methylene chloride	3.051	84	6522	0.295	ug/L	93
27) 1,2-Dichloroethane	5.793	62	4810730	245.836	ug/L	100
33) Benzene	5.777	78	4387	0.062	ug/L	100
35) Methylcyclohexane	6.690	83	21127	0.839	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	9524	0.524	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	12300	1.099	ug/L #	65
67) 1,2-Dichlorobenzene	12.211	146	3712	0.123	ug/L #	84

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

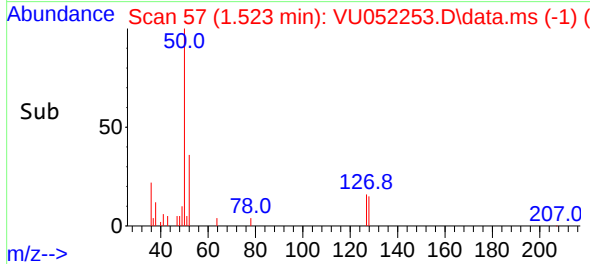
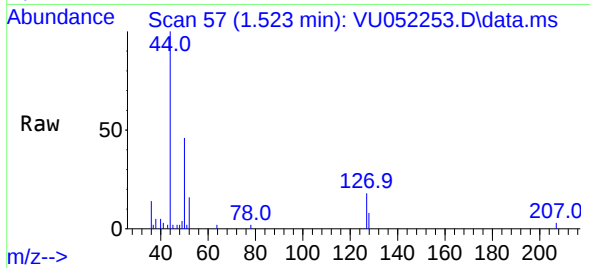
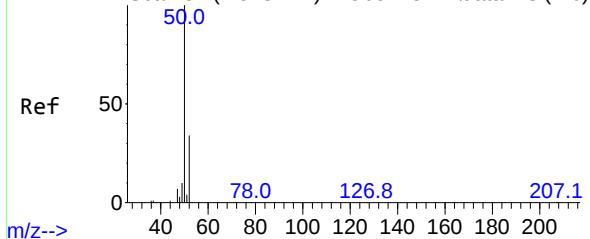
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Abundance Scan 57 (1.523 min): VU052237.D\data.ms (-46)



#3

Chloromethane

Concen: 0.149 ug/L

RT: 1.523 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU052253.D

Acq: 08 Dec 2022 16:58

Instrument :

MSVOA_U

ClientSampleId :

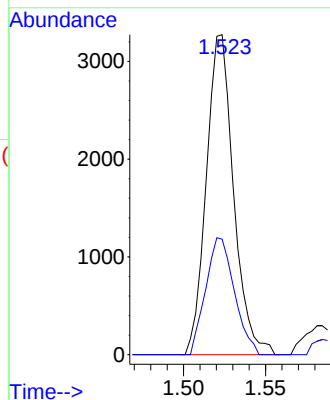
F5N31

Tgt Ion: 50 Resp: 3786

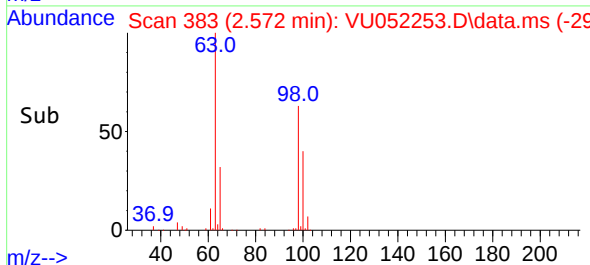
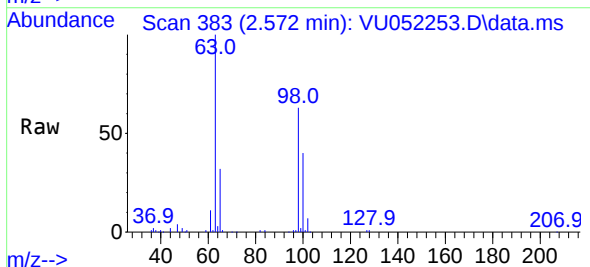
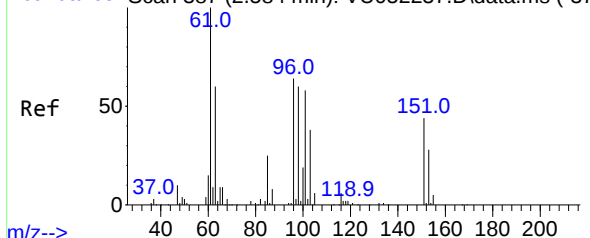
Ion Ratio Lower Upper

50 100

52 36.1 23.4 43.4



Abundance Scan 387 (2.584 min): VU052237.D\data.ms (-37)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.059 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.010 min

Lab File: VU052253.D

Acq: 08 Dec 2022 16:58

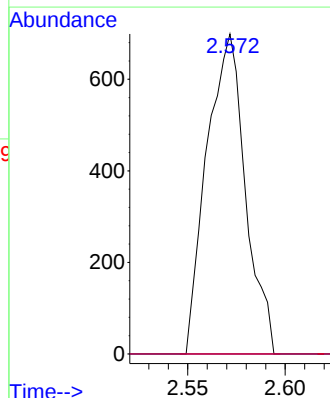
Tgt Ion: 101 Resp: 964

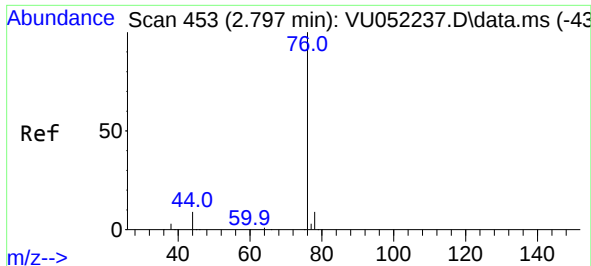
Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 58.6 88.0#





#14

Carbon disulfide

Concen: 0.503 ug/L

RT: 2.794 min Scan# 4

Delta R.T. 0.000 min

Lab File: VU052253.D

Acq: 08 Dec 2022 16:58

Instrument :

MSVOA_U

ClientSampleId :

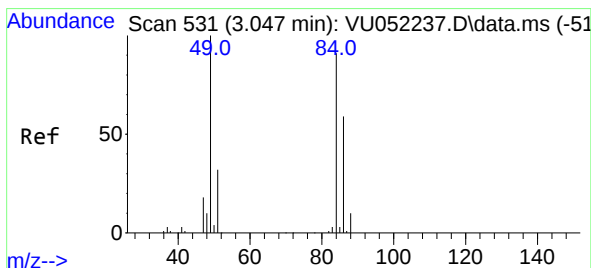
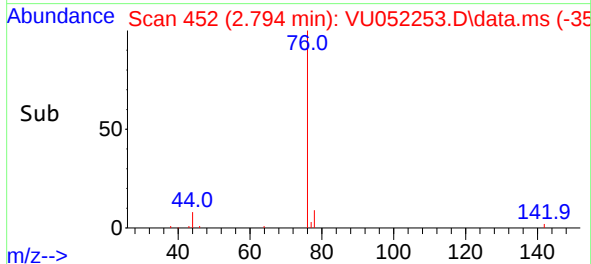
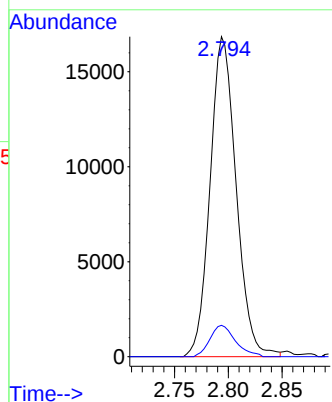
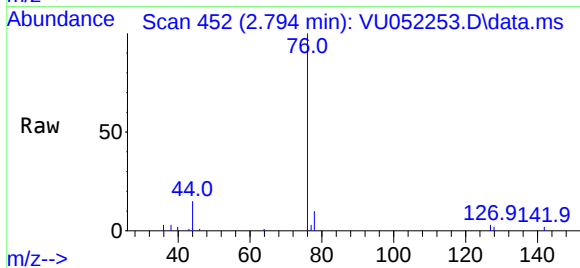
F5N31

Tgt Ion: 76 Resp: 28415

Ion Ratio Lower Upper

76 100

78 9.8 7.0 10.4



#16

Methylene chloride

Concen: 0.295 ug/L

RT: 3.051 min Scan# 532

Delta R.T. 0.003 min

Lab File: VU052253.D

Acq: 08 Dec 2022 16:58

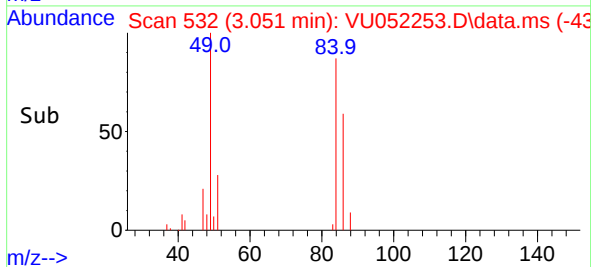
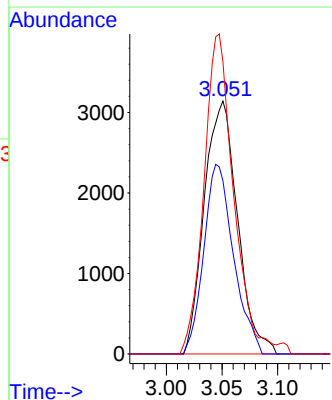
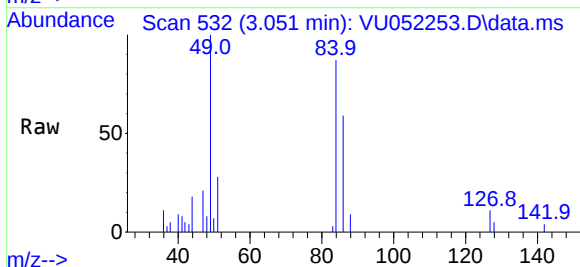
Tgt Ion: 84 Resp: 6522

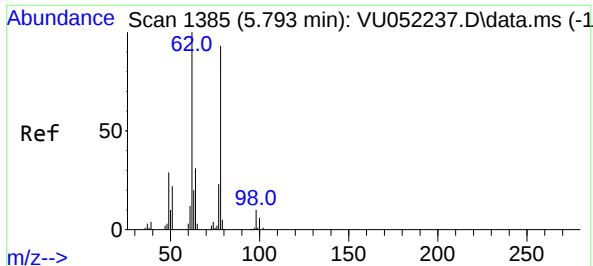
Ion Ratio Lower Upper

84 100

86 68.5 43.8 81.4

49 115.5 75.9 141.1

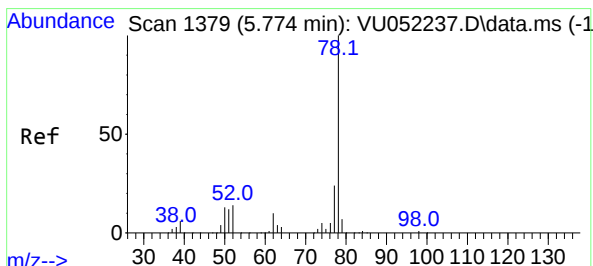
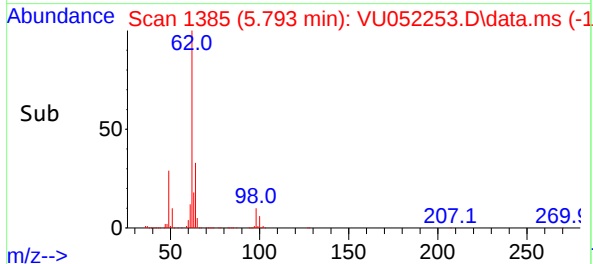
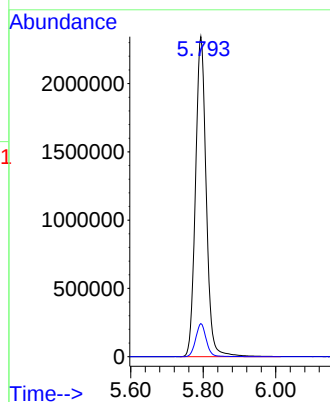
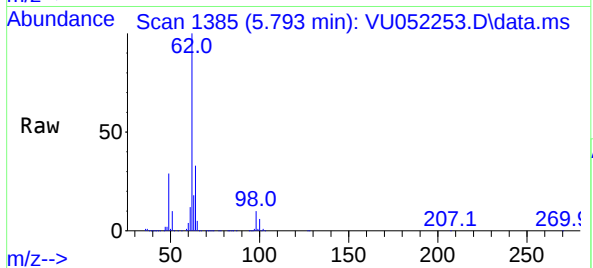




#27
1,2-Dichloroethane
Concen: 245.836 ug/L
RT: 5.793 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU052253.D
Acq: 08 Dec 2022 16:58

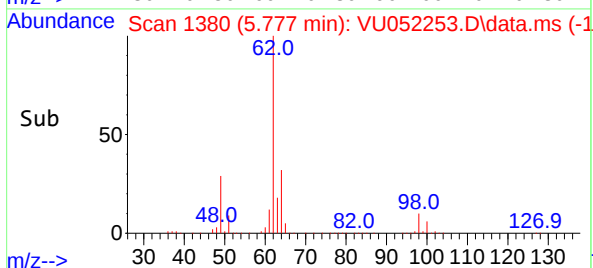
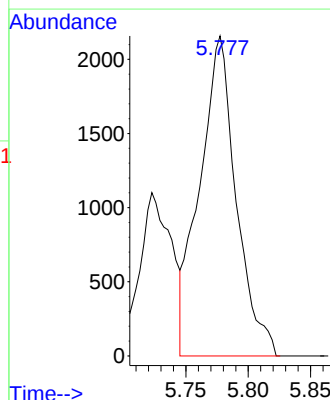
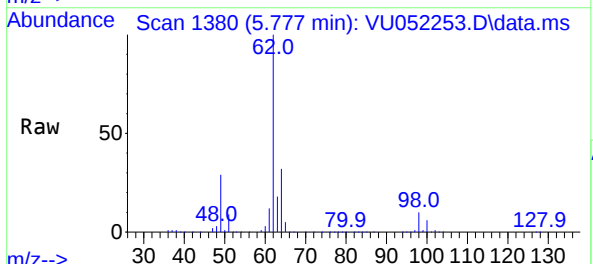
Instrument :
MSVOA_U
ClientSampleId :
F5N31

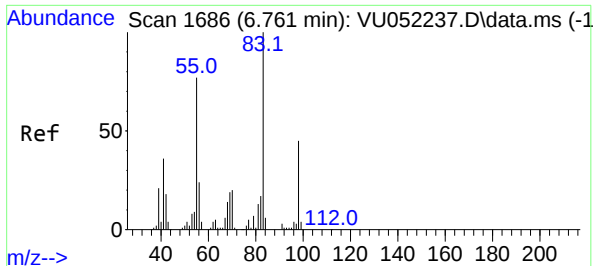
Tgt Ion: 62 Resp: 4810730
Ion Ratio Lower Upper
62 100
98 10.4 8.4 12.6



#33
Benzene
Concen: 0.062 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.003 min
Lab File: VU052253.D
Acq: 08 Dec 2022 16:58

Tgt Ion: 78 Resp: 4387

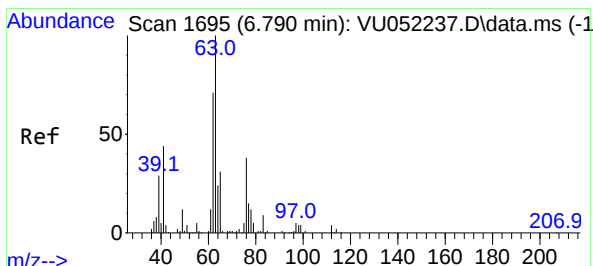
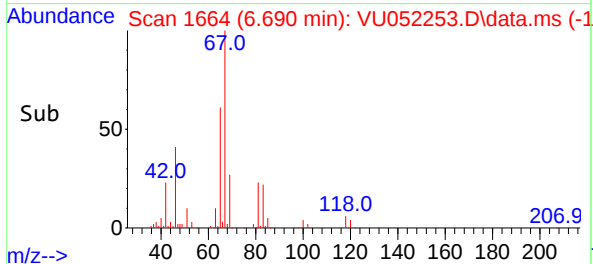
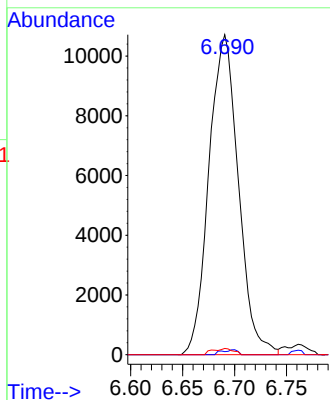
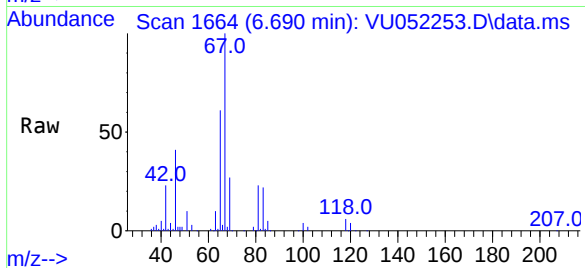




#35
Methylcyclohexane
Concen: 0.839 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052253.D
Acq: 08 Dec 2022 16:58

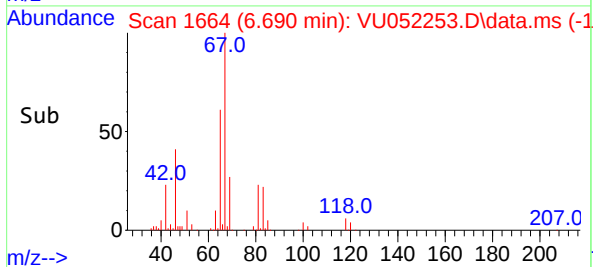
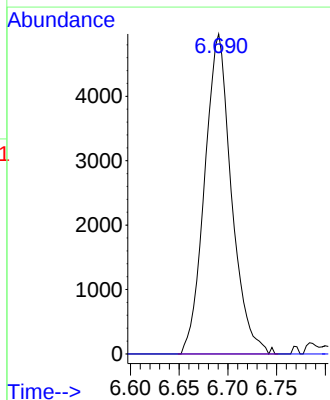
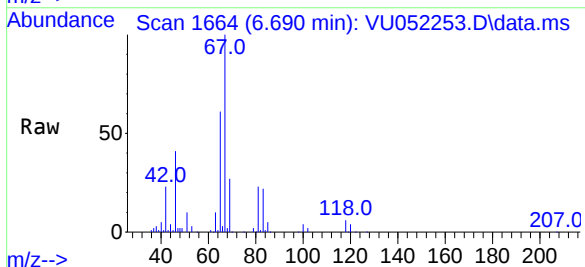
Instrument :
MSVOA_U
ClientSampleId :
F5N31

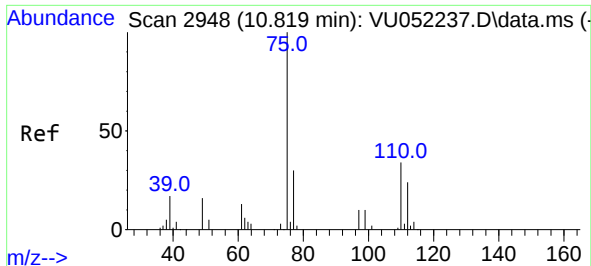
Tgt Ion: 83 Resp: 21127
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 1.4 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.524 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052253.D
Acq: 08 Dec 2022 16:58

Tgt Ion: 63 Resp: 9524
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

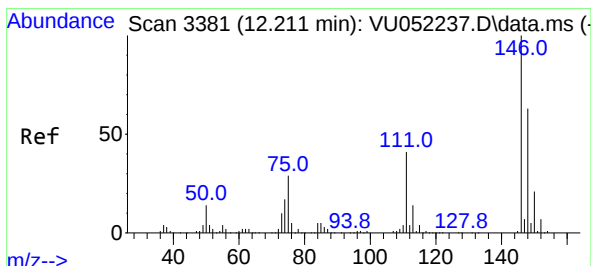
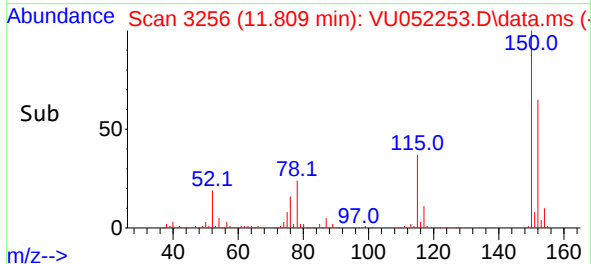
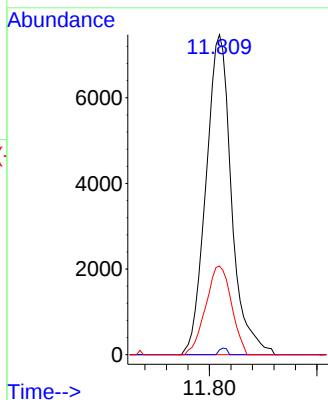
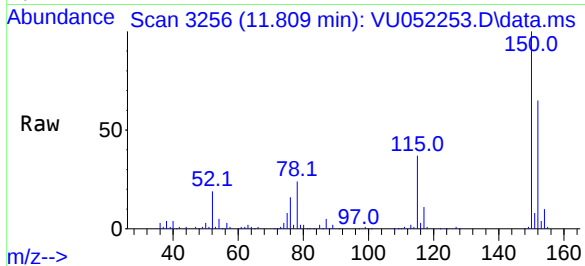




#61
1,2,3-Trichloropropane
Concen: 1.099 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052253.D
Acq: 08 Dec 2022 16:58

Instrument :
MSVOA_U
ClientSampleId :
F5N31

Tgt Ion: 75 Resp: 12300
Ion Ratio Lower Upper
75 100
110 0.6 28.3 42.5#
77 27.9 26.2 39.2



#67
1,2-Dichlorobenzene
Concen: 0.123 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU052253.D
Acq: 08 Dec 2022 16:58

Tgt Ion:146 Resp: 3712
Ion Ratio Lower Upper
146 100
111 57.3 32.7 49.1#
148 69.9 50.6 75.8

