

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120822\
 Data File : VU052248.D
 Acq On : 08 Dec 2022 14:58
 Operator : JC/MD
 Sample : N5918-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0EJ1

Quant Time: Dec 08 22:32:17 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)

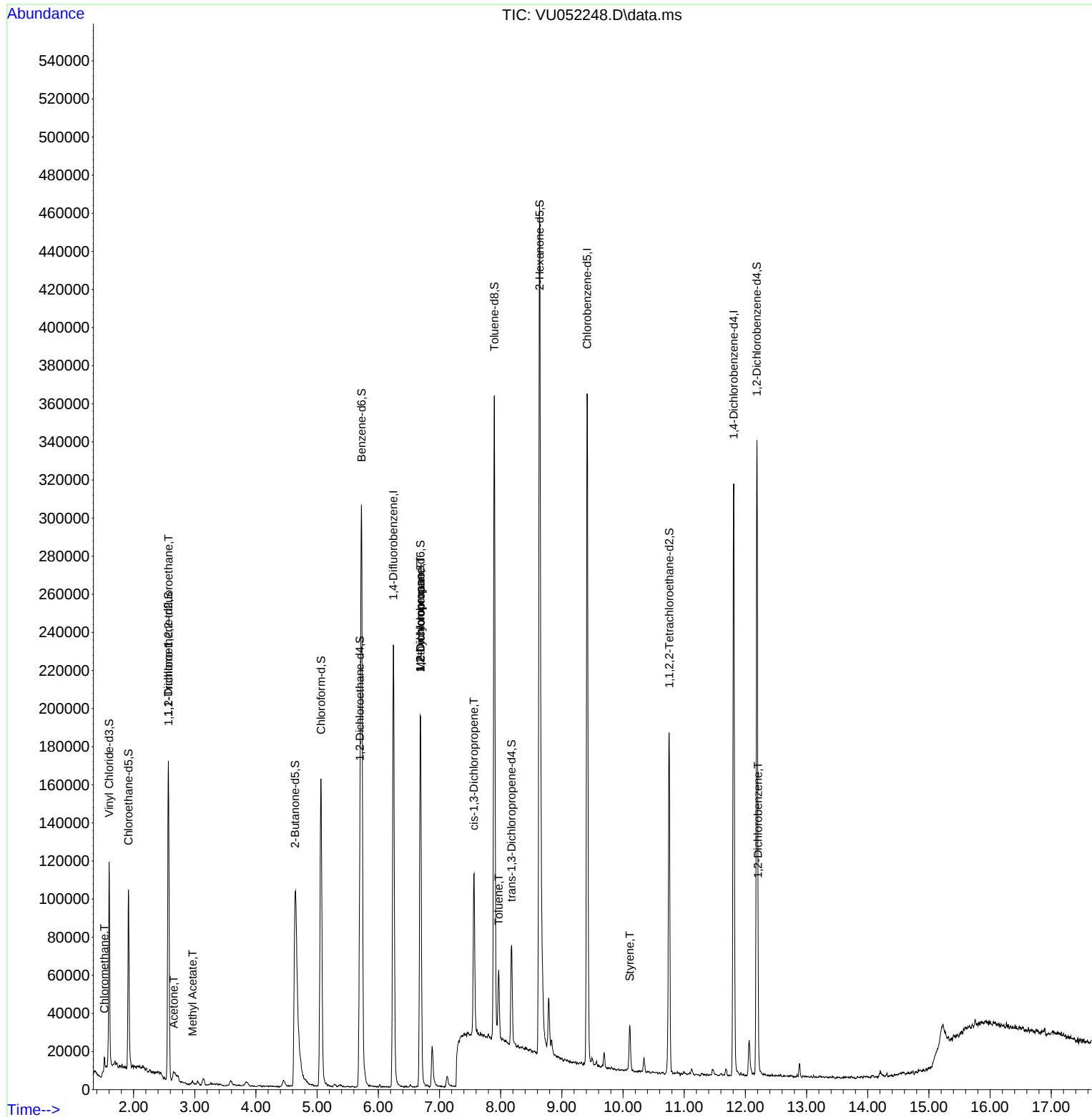
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	197185	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	204545	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	87480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	76712	3.999	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.916	69	71684	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.568	65	32223	4.687	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.800%
20) 2-Butanone-d5	4.642	46	228780	65.804	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.600%#
24) Chloroform-d	5.063	84	151762	5.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.700	65	79827	5.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	5.726	84	295753	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	6.690	67	100449	5.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.896	98	234888	4.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.176	79	32922	4.807	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.200%
46) 2-Hexanone-d5	8.636	63	154362	53.187	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.380%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	94357	5.791	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	91381	5.456	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	4091	0.183	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	975	0.068	ug/L #	20
13) Acetone	2.658	43	6071	2.572	ug/L	96
15) Methyl Acetate	2.964	43	1377	0.225	ug/L #	83
35) Methylcyclohexane	6.687	83	23492	0.984	ug/L #	28
37) 1,2-Dichloropropane	6.687	63	10530	0.611	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2083	0.094	ug/L #	55
42) Toluene	7.967	91	26612	0.389	ug/L	90
55) Styrene	10.111	104	11696	0.280	ug/L	94
67) 1,2-Dichlorobenzene	12.208	146	2030	0.075	ug/L	94

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

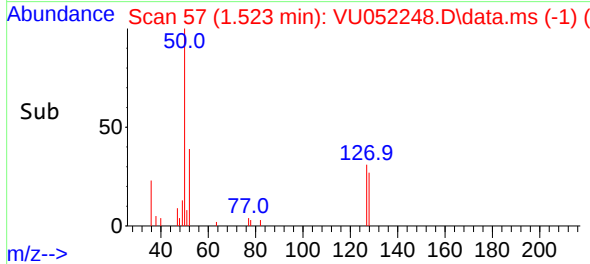
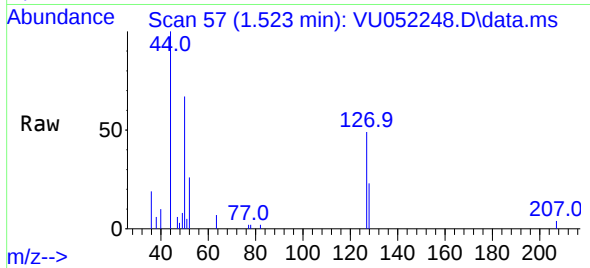
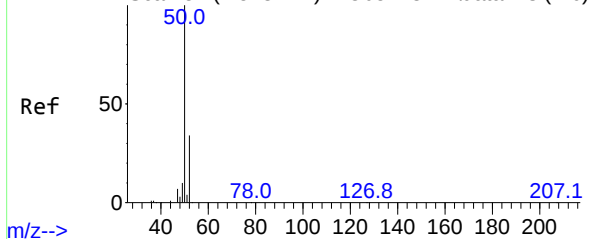
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Abundance Scan 57 (1.523 min): VU052237.D\data.ms (-46)



#3

Chloromethane

Concen: 0.183 ug/L

RT: 1.523 min Scan# 51

Delta R.T. 0.003 min

Lab File: VU052248.D

Acq: 08 Dec 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

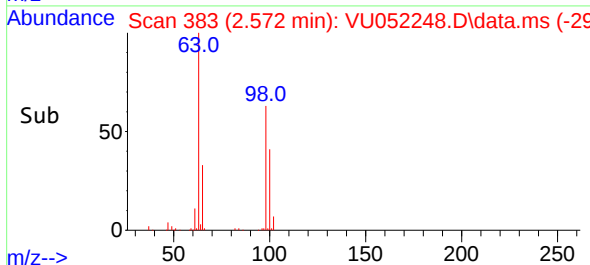
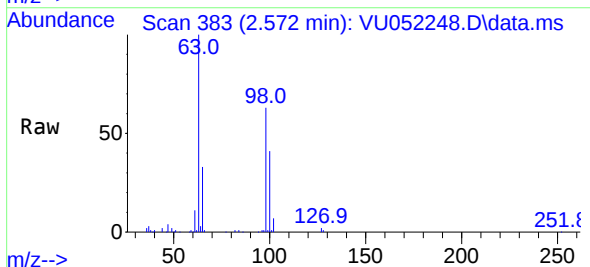
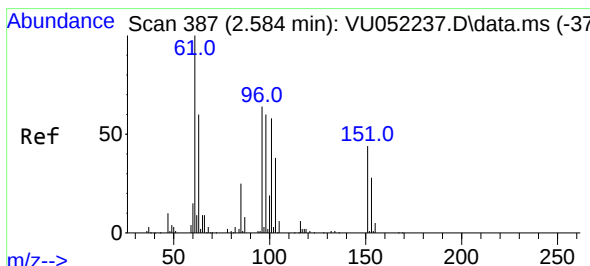
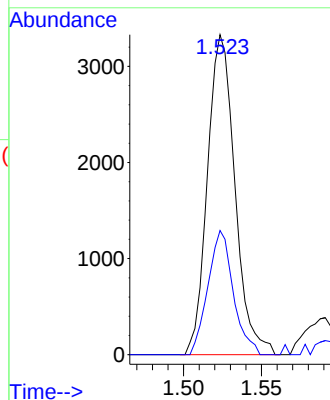
C0EJ1

Tgt Ion: 50 Resp: 4091

Ion Ratio Lower Upper

50 100

52 38.8 23.4 43.4



#10

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

Concen: 0.068 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.010 min

Lab File: VU052248.D

Acq: 08 Dec 2022 14:58

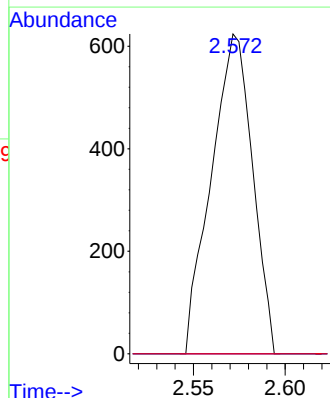
Tgt Ion:101 Resp: 975

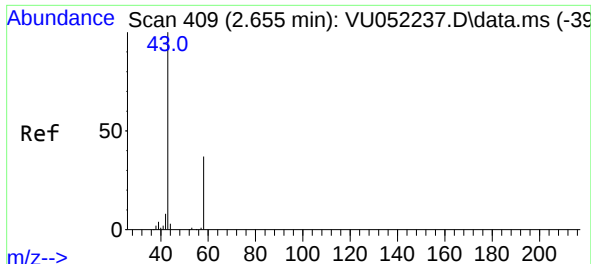
Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.6#

151 0.0 58.6 88.0#





#13

Acetone

Concen: 2.572 ug/L

RT: 2.658 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU052248.D

Acq: 08 Dec 2022 14:58

Instrument :

MSVOA_U

ClientSampleId :

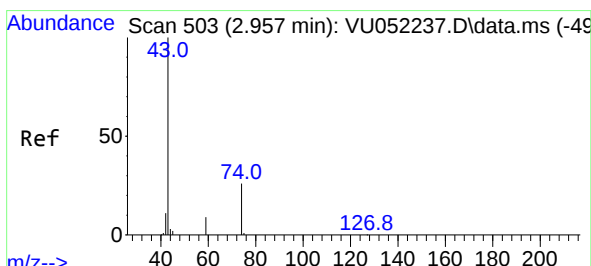
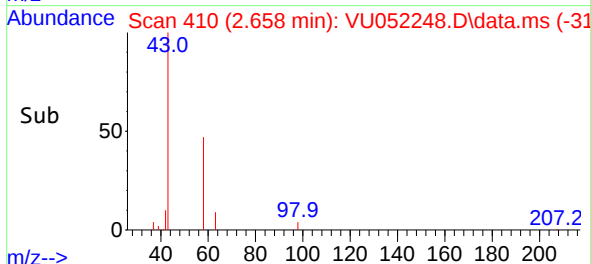
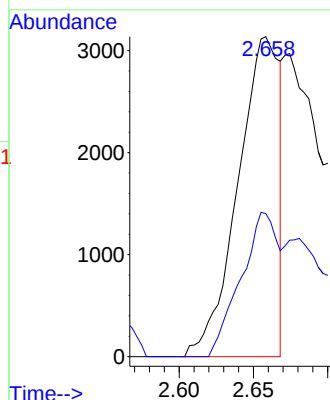
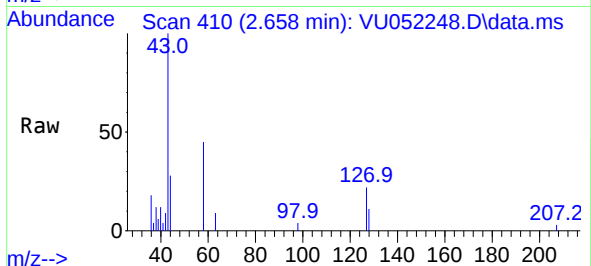
C0EJ1

Tgt Ion: 43 Resp: 6071

Ion Ratio Lower Upper

43 100

58 40.3 0.0 76.0



#15

Methyl Acetate

Concen: 0.225 ug/L

RT: 2.964 min Scan# 505

Delta R.T. 0.006 min

Lab File: VU052248.D

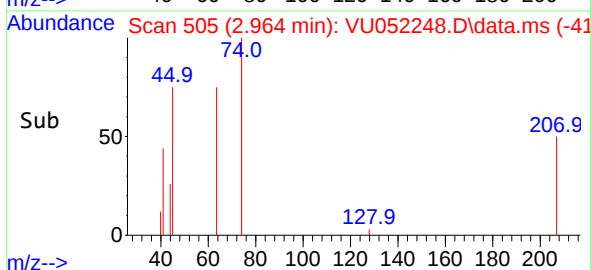
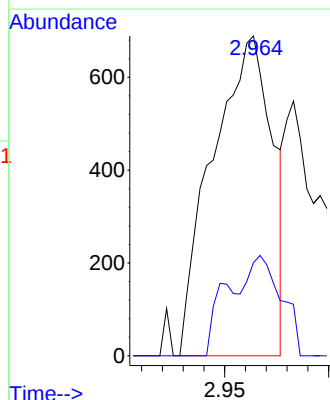
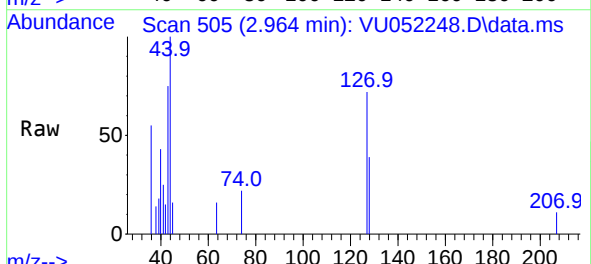
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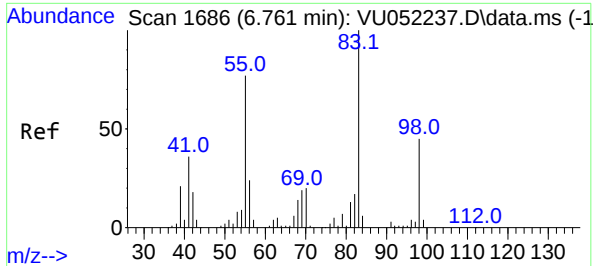
Tgt Ion: 43 Resp: 1377

Ion Ratio Lower Upper

43 100

74 17.9 21.3 31.9#

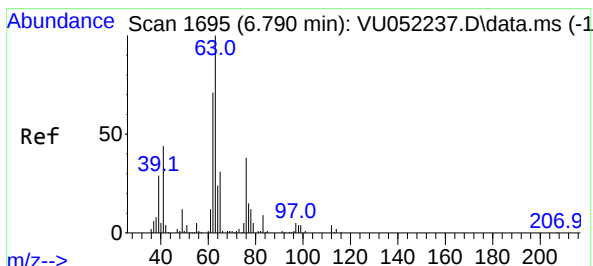
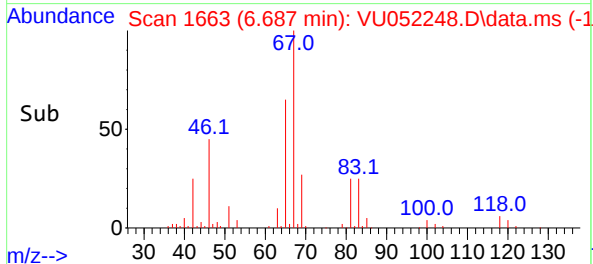
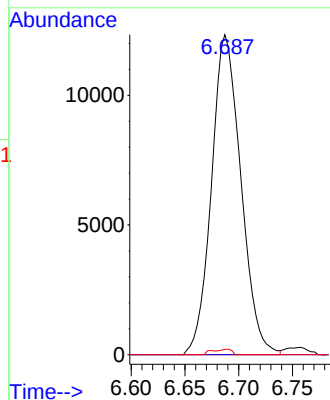
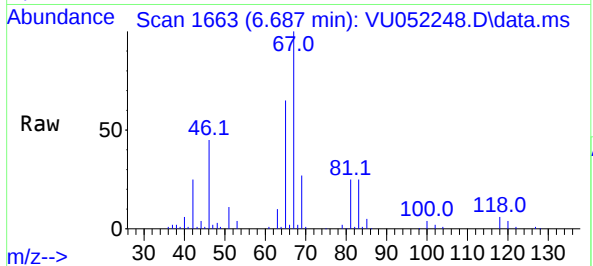




#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052248.D
Acq: 08 Dec 2022 14:58

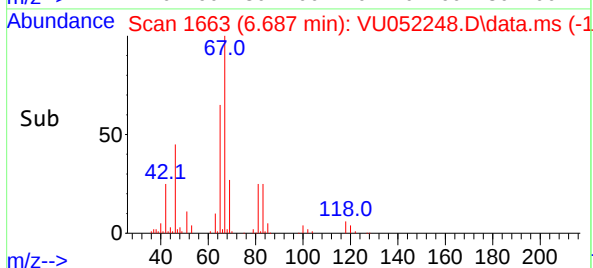
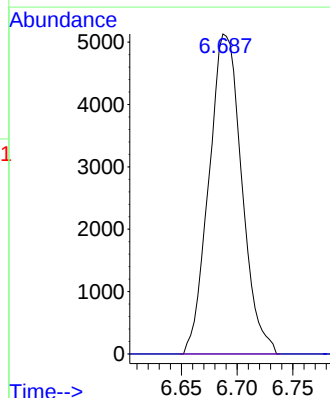
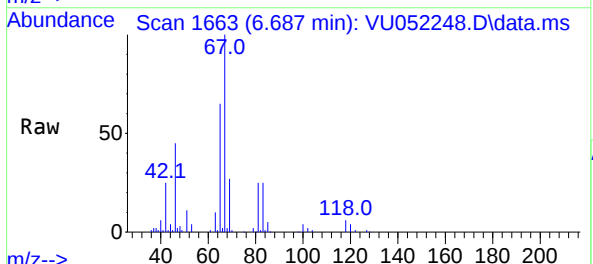
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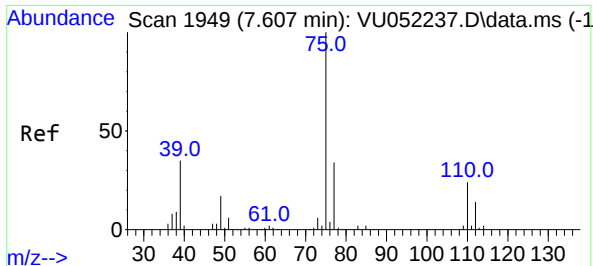
Tgt Ion: 83 Resp: 23492
Ion Ratio Lower Upper
83 100
55 11.2 60.8 91.2#
98 0.7 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052248.D
Acq: 08 Dec 2022 14:58

Tgt Ion: 63 Resp: 10530
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

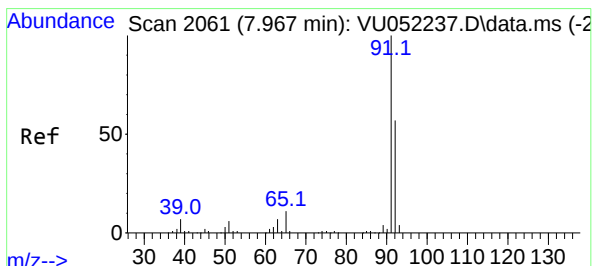
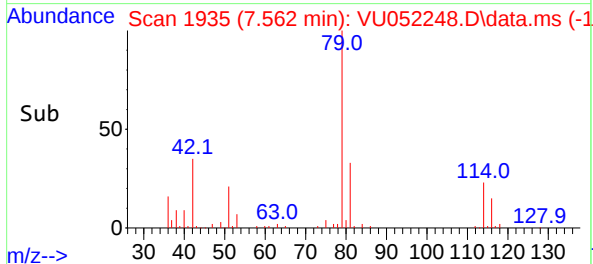
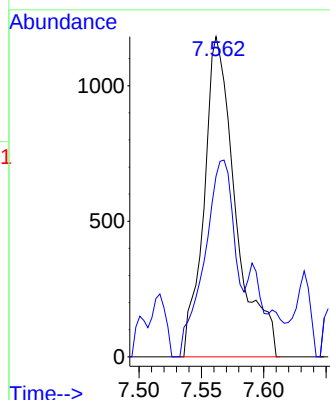
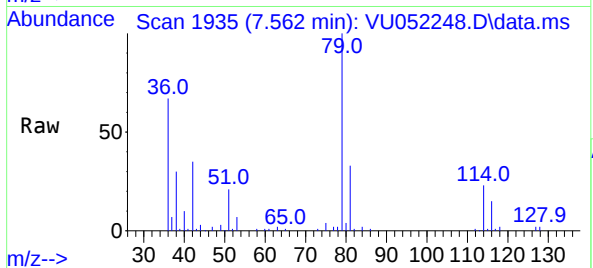




#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.562 min Scan# 1949
 Delta R.T. -0.042 min
 Lab File: VU052248.D
 Acq: 08 Dec 2022 14:58

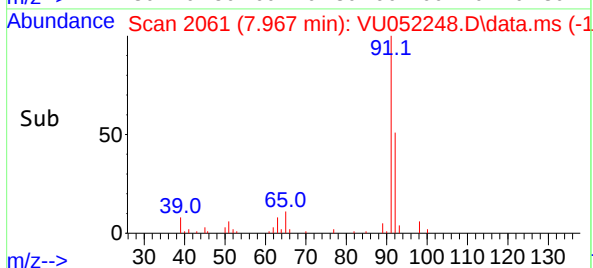
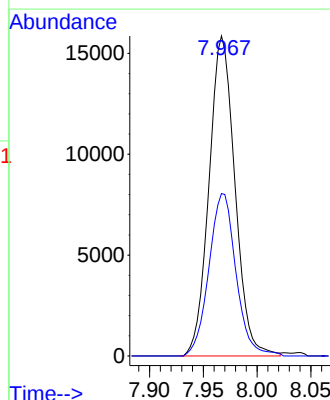
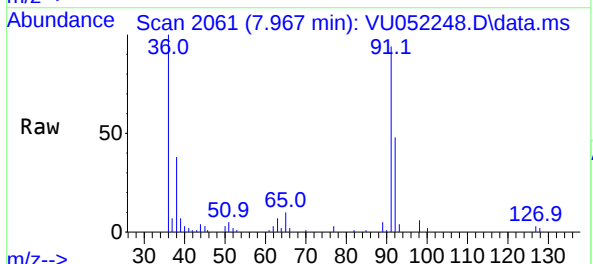
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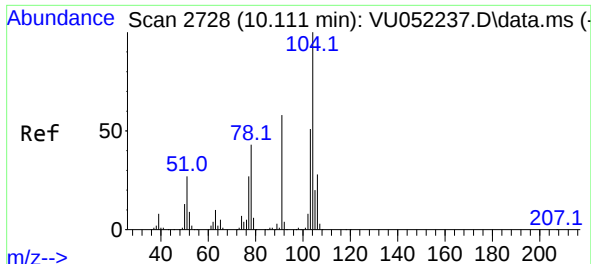
Tgt Ion: 75 Resp: 2083
 Ion Ratio Lower Upper
 75 100
 77 56.4 22.0 40.8#



#42
 Toluene
 Concen: 0.389 ug/L
 RT: 7.967 min Scan# 2061
 Delta R.T. -0.000 min
 Lab File: VU052248.D
 Acq: 08 Dec 2022 14:58

Tgt Ion: 91 Resp: 26612
 Ion Ratio Lower Upper
 91 100
 92 50.8 40.7 75.5

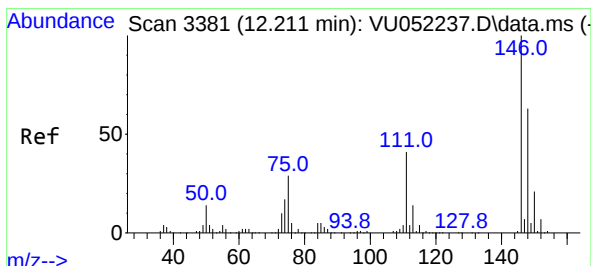
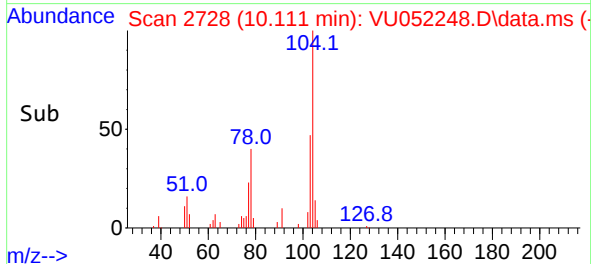
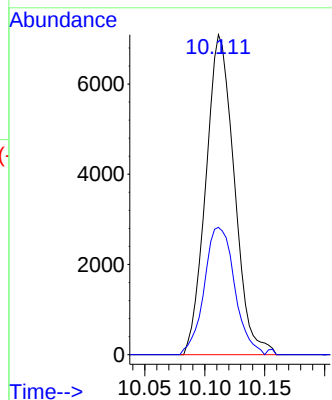
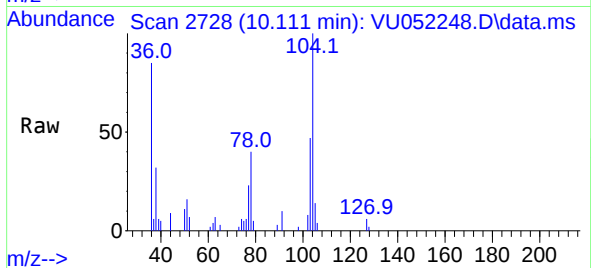




#55
Styrene
Concen: 0.280 ug/L
RT: 10.111 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052248.D
Acq: 08 Dec 2022 14:58

Instrument :
MSVOA_U
ClientSampleId :
C0EJ1

Tgt Ion:104 Resp: 11696
Ion Ratio Lower Upper
104 100
78 39.8 30.6 56.8



#67
1,2-Dichlorobenzene
Concen: 0.075 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.000 min
Lab File: VU052248.D
Acq: 08 Dec 2022 14:58

Tgt Ion:146 Resp: 2030
Ion Ratio Lower Upper
146 100
111 41.5 32.7 49.1
148 70.7 50.6 75.8

