

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122322\
 Data File : VU052532.D
 Acq On : 23 Dec 2022 13:16
 Operator : JC/MD
 Sample : N6188-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL39

Quant Time: Dec 24 03:55:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 24 03:53:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

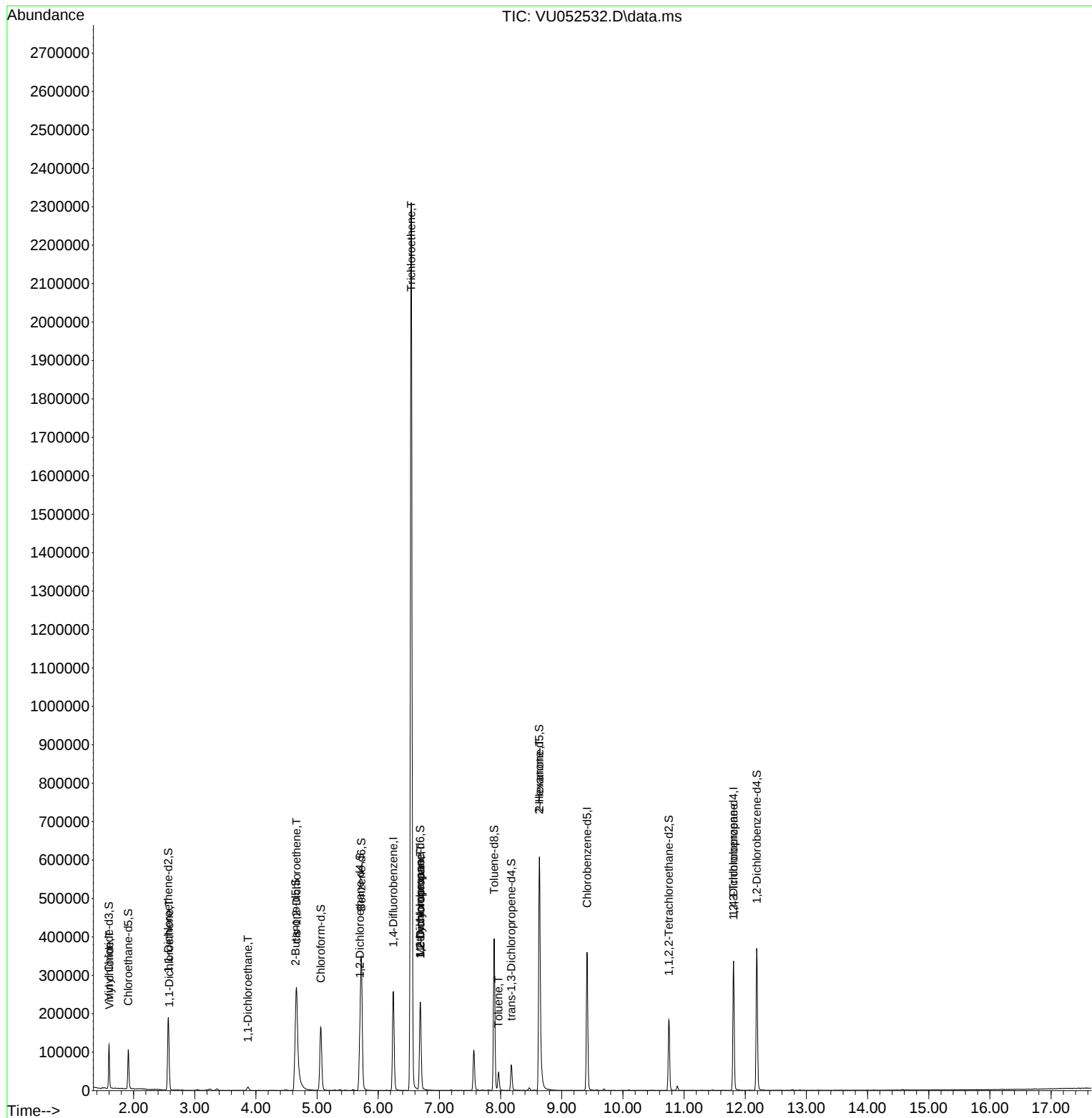
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	201667	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	192049	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	83974	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78979	3.866	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.912	69	76153	4.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.568	65	36006	4.095	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.649	46	323565	51.070	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.140%
24) Chloroform-d	5.060	84	155223	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.700	65	92298	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.722	84	317312	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.687	67	114228	5.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.896	98	255392	4.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	8.176	79	36725	4.732	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.632	63	220345	51.892	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.780%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93546	4.861	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	92518	5.412	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
5) Vinyl chloride	1.604	62	3949	0.168	ug/L #	53
12) 1,1-Dichloroethene	2.581	96	8394	0.556	ug/L #	1
19) 1,1-Dichloroethane	3.870	63	11058	0.327	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	85336	4.995	ug/L	99
34) Trichloroethene	6.539	95	807394	49.927	ug/L	98
35) Methylcyclohexane	6.687	83	25412	1.042	ug/L #	14
37) 1,2-Dichloropropane	6.690	63	12050	0.624	ug/L #	88
42) Toluene	7.967	91	32513	0.490	ug/L	98
48) 2-Hexanone	8.635	43	26904	2.530	ug/L #	76
61) 1,2,3-Trichloropropane	11.806	75	11101	0.922	ug/L #	69

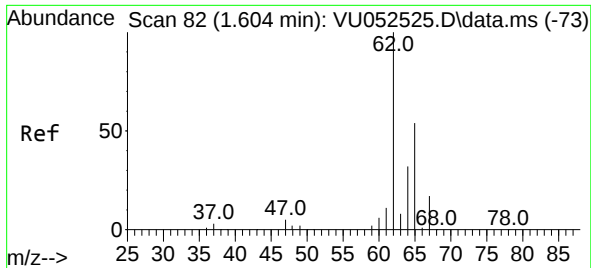
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

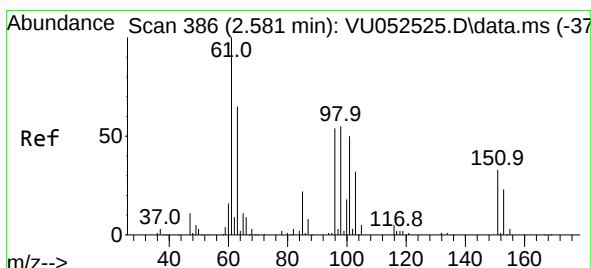
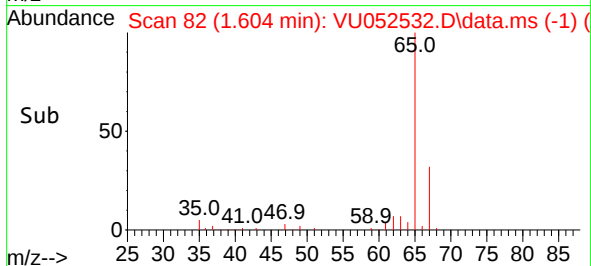
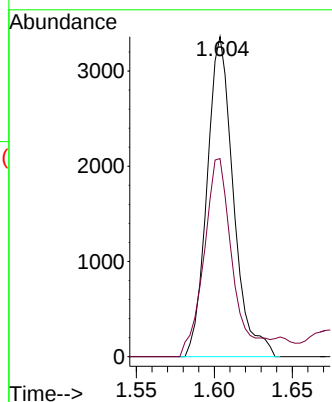
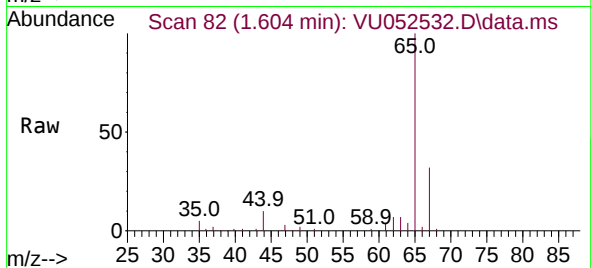




#5
 Vinyl chloride
 Concen: 0.168 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052532.D
 Acq: 23 Dec 2022 13:16

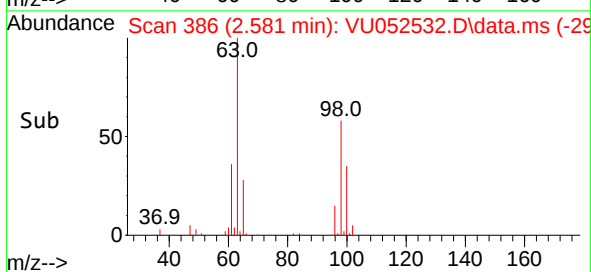
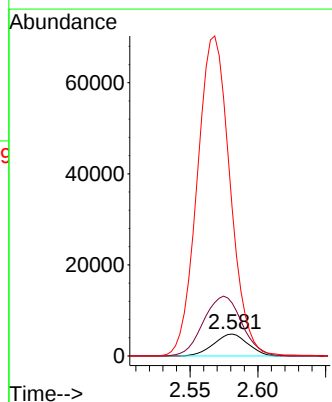
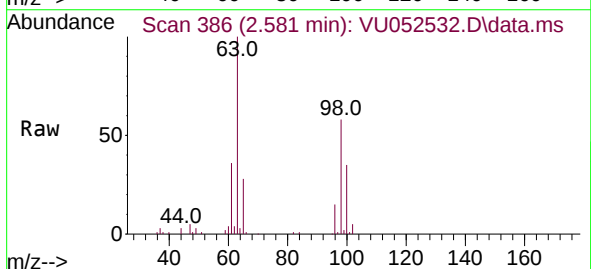
Instrument :
 MSVOA_U
 ClientSampleId :
 COL39

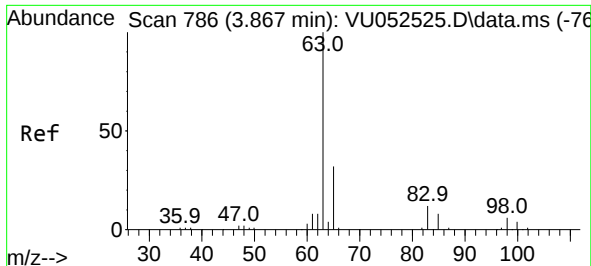
Tgt Ion: 62 Resp: 3949
 Ion Ratio Lower Upper
 62 100
 64 61.9 24.4 45.4#



#12
 1,1-Dichloroethene
 Concen: 0.556 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.000 min
 Lab File: VU052532.D
 Acq: 23 Dec 2022 13:16

Tgt Ion: 96 Resp: 8394
 Ion Ratio Lower Upper
 96 100
 61 240.5 135.4 251.4
 63 670.7 95.4 177.2#





#19

1,1-Dichloroethane

Concen: 0.327 ug/L

RT: 3.870 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU052532.D

Acq: 23 Dec 2022 13:16

Instrument :

MSVOA_U

ClientSampleId :

COL39

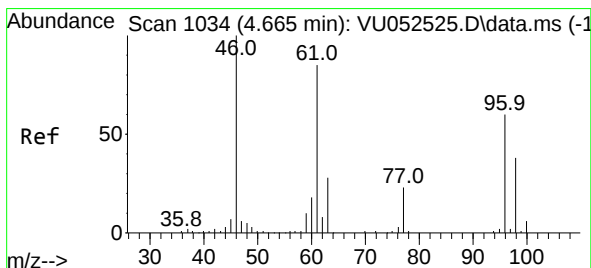
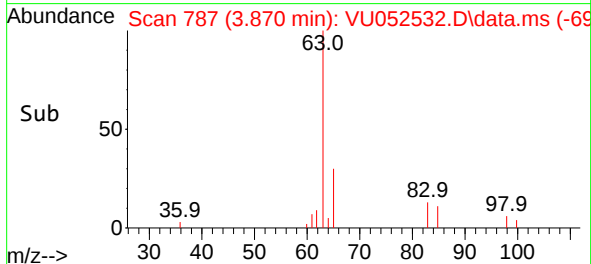
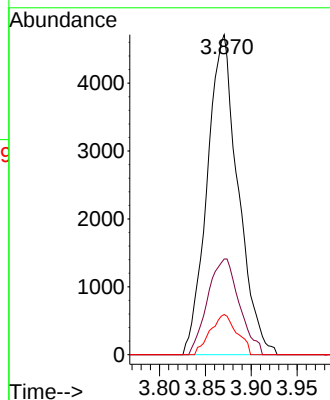
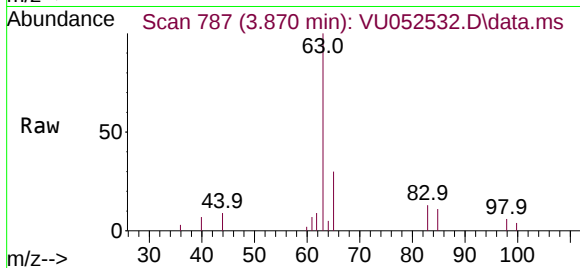
Tgt Ion: 63 Resp: 11058

Ion Ratio Lower Upper

63 100

65 29.9 22.0 40.8

83 12.6 9.0 16.8



#22

cis-1,2-Dichloroethene

Concen: 4.995 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.000 min

Lab File: VU052532.D

Acq: 23 Dec 2022 13:16

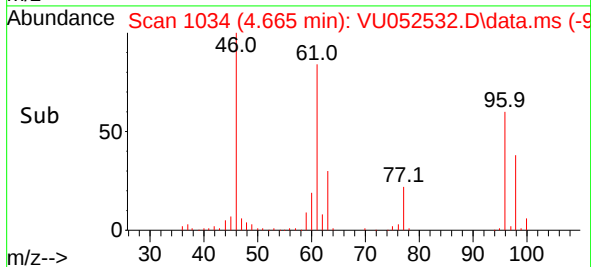
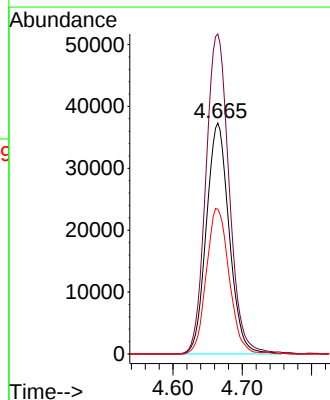
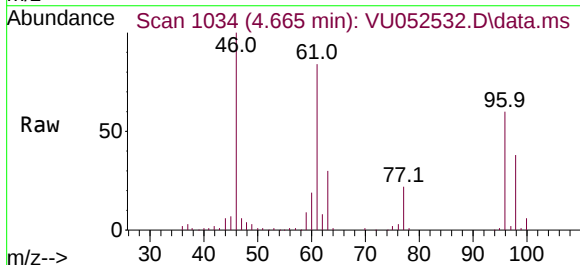
Tgt Ion: 96 Resp: 85336

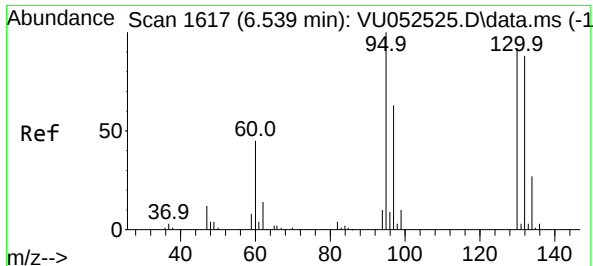
Ion Ratio Lower Upper

96 100

61 138.5 96.9 180.1

98 62.7 44.7 83.1

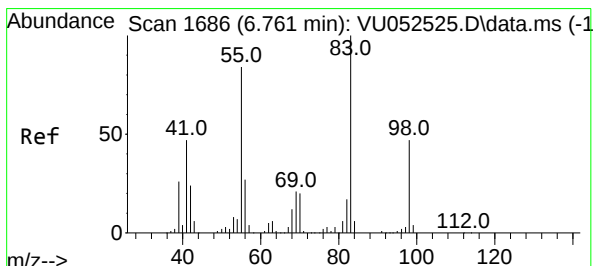
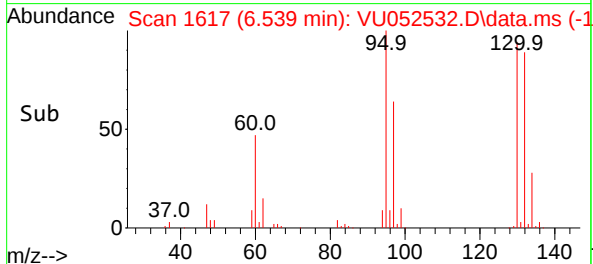
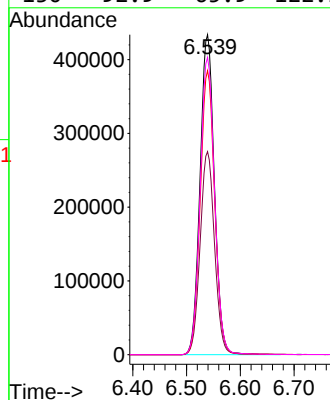
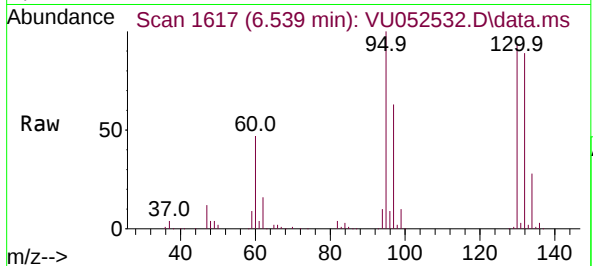




#34
Trichloroethene
Concen: 49.927 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052532.D
Acq: 23 Dec 2022 13:16

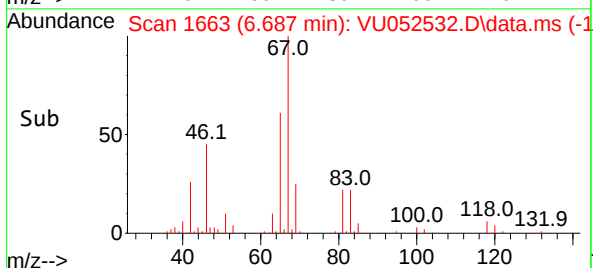
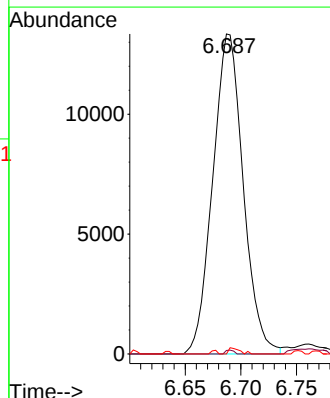
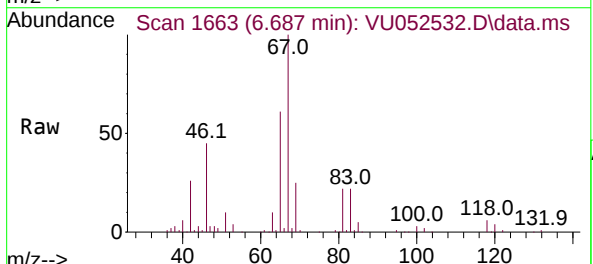
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MSVOA_U
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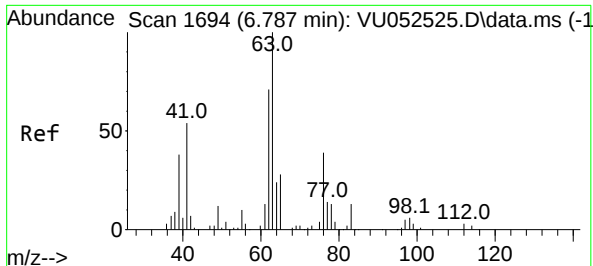
Tgt Ion: 95 Resp: 807394
Ion Ratio Lower Upper
95 100
97 63.5 46.3 86.1
132 88.7 63.9 118.7
130 92.9 65.9 122.5



#35
Methylcyclohexane
Concen: 1.042 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052532.D
Acq: 23 Dec 2022 13:16

Tgt Ion: 83 Resp: 25412
Ion Ratio Lower Upper
83 100
55 0.3 71.4 107.0#
98 0.0 36.5 54.7#





#37

1,2-Dichloropropane

Concen: 0.624 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU052532.D

Acq: 23 Dec 2022 13:16

Instrument :

MSVOA_U

ClientSampleId :

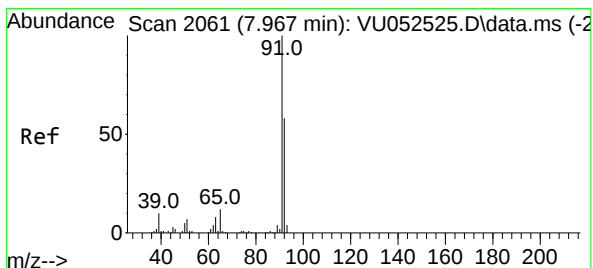
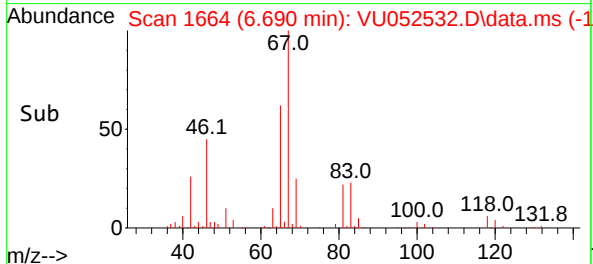
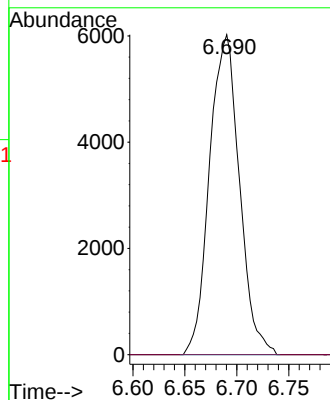
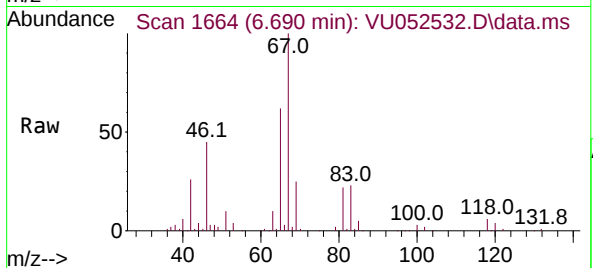
C0L39

Tgt Ion: 63 Resp: 12050

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#42

Toluene

Concen: 0.490 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU052532.D

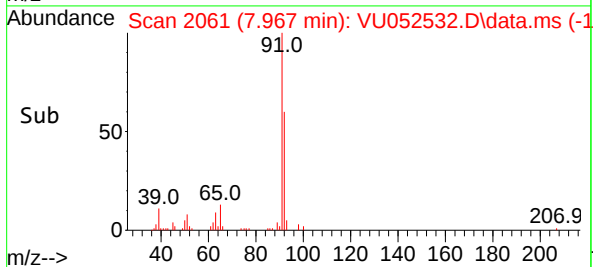
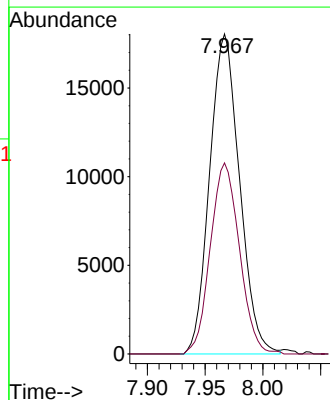
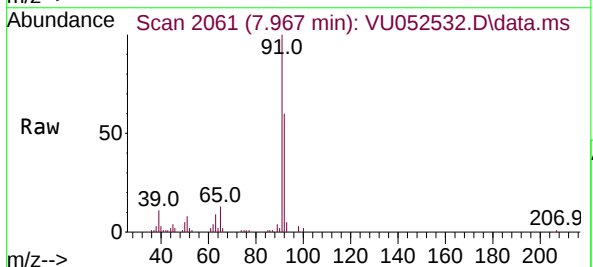
Acq: 23 Dec 2022 13:16

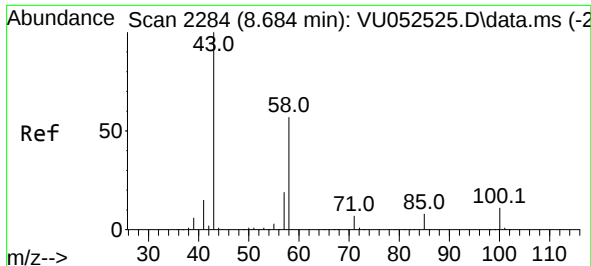
Tgt Ion: 91 Resp: 32513

Ion Ratio Lower Upper

91 100

92 59.7 40.6 75.4

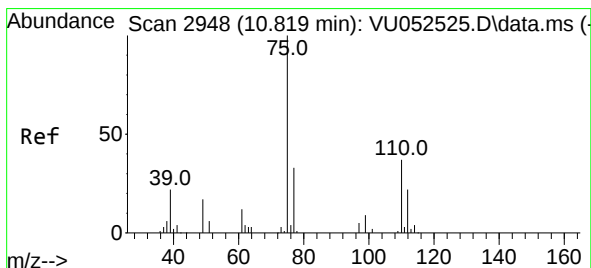
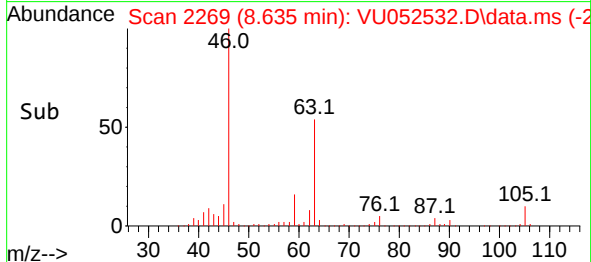
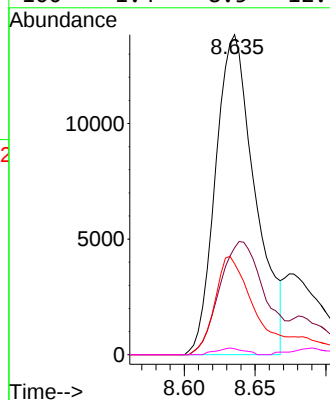
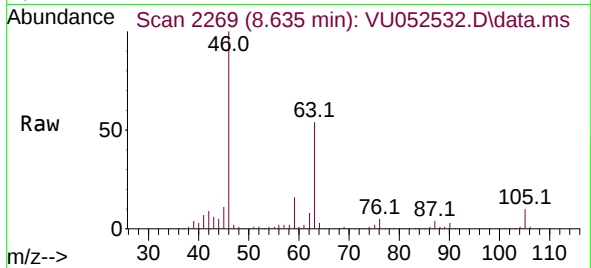




#48
2-Hexanone
Concen: 2.530 ug/L
RT: 8.635 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU052532.D
Acq: 23 Dec 2022 13:16

Instrument :
MSVOA_U
ClientSampleId :
COL39

Tgt Ion: 43	Resp: 26904
Ion Ratio	Lower Upper
43 100	
58 41.5	44.1 66.1#
57 35.5	14.6 21.8#
100 1.4	8.5 12.7#



#61
1,2,3-Trichloropropane
Concen: 0.922 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU052532.D
Acq: 23 Dec 2022 13:16

Tgt Ion: 75	Resp: 11101
Ion Ratio	Lower Upper
75 100	
110 2.0	27.9 41.9#
77 34.4	25.9 38.9

