

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061223\
 Data File : VU054486.D
 Acq On : 12 Jun 2023 15:10
 Operator : MD/SY
 Sample : 03104-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONR1

Quant Time: Jun 13 02:30:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 13 02:28:29 2023
 Response via : Initial Calibration

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

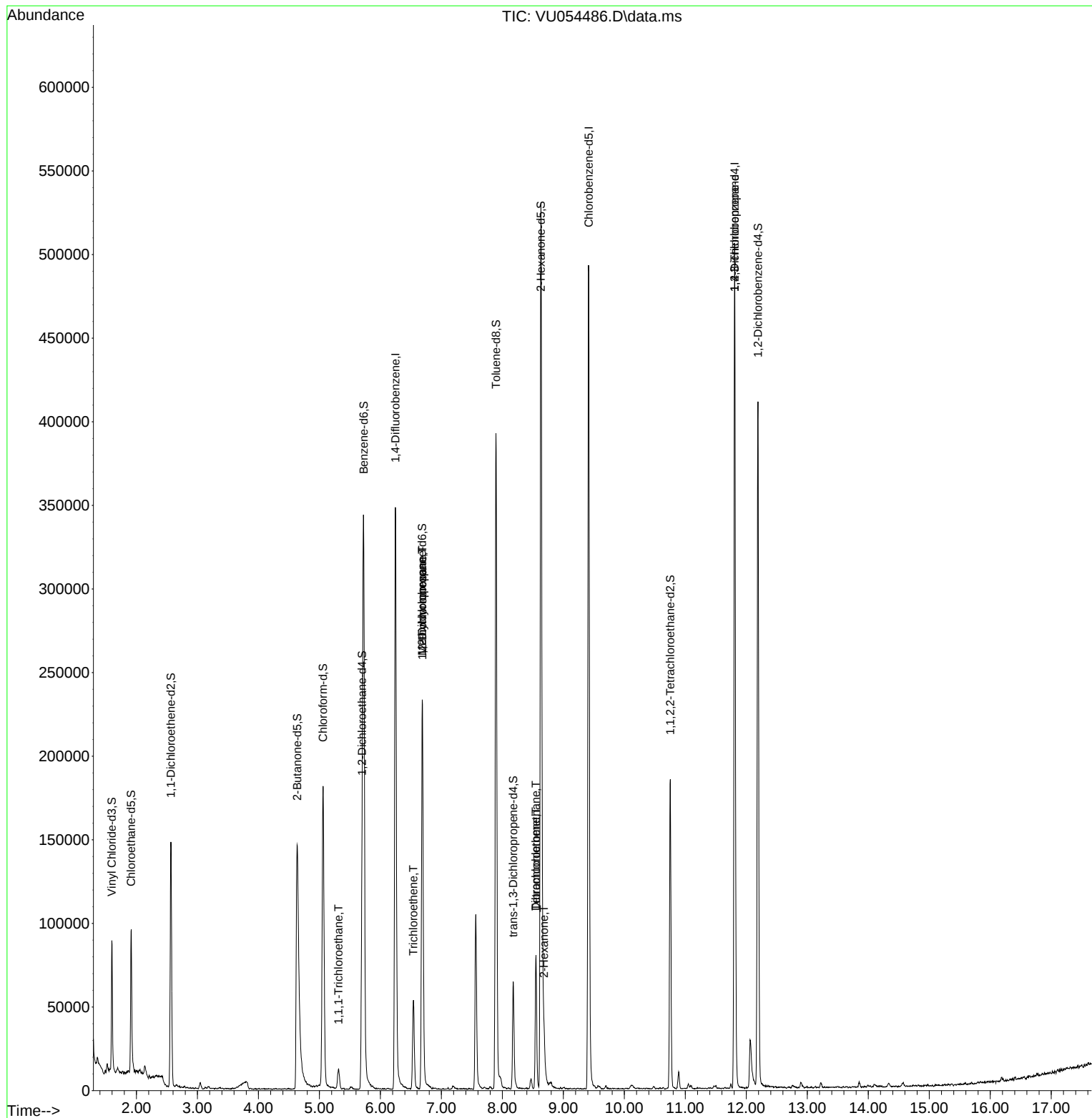
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	289973	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	278814	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	134972	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	58920	3.193	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.800%
7) Chloroethane-d5	1.911	69	67306	3.895	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.000%
11) 1,1-Dichloroethene-d2	2.563	65	28421	3.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	4.634	46	281049	54.167	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.340%
24) Chloroform-d	5.058	84	172009	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.698	65	89903	4.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.724	84	322547	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.685	67	118114	4.563	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.894	98	270801	3.937	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.177	79	38599	4.288	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.631	63	184045	48.738	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.480%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94470	4.894	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	111216	4.885	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
29) 1,1,1-Trichloroethane	5.313	97	9215	0.244	ug/L	97
34) Trichloroethene	6.541	95	18939	0.715	ug/L	97
35) Methylcyclohexane	6.685	83	25914	0.647	ug/L #	17
37) 1,2-Dichloropropane	6.689	63	12451	0.460	ug/L #	89
47) Tetrachloroethene	8.550	164	18408	0.908	ug/L	92
48) 2-Hexanone	8.682	43	14864	1.380	ug/L #	86
49) Dibromochloromethane	8.550	129	16772	0.927	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	17606	1.291	ug/L #	71

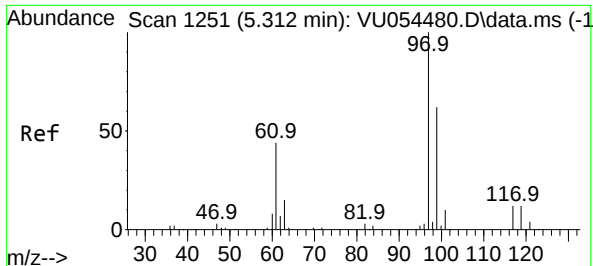
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#29

1,1,1-Trichloroethane

Concen: 0.244 ug/L

RT: 5.313 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU054486.D

Acq: 12 Jun 2023 15:10

Instrument :

MSVOA_U

ClientSampleId :

CONR1

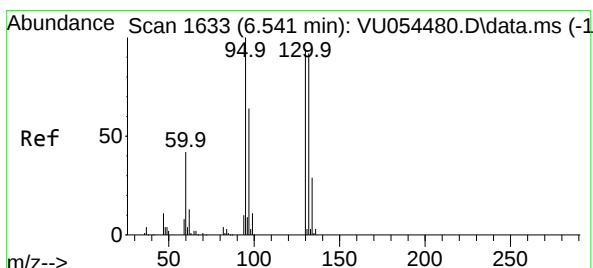
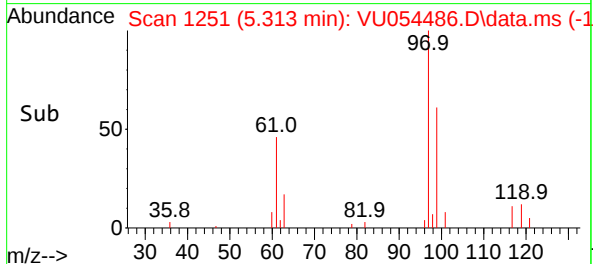
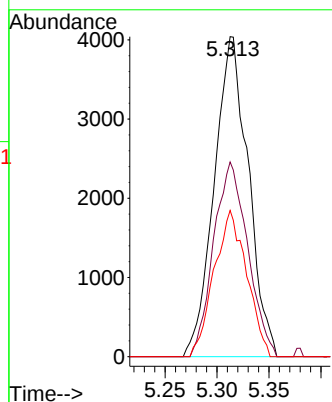
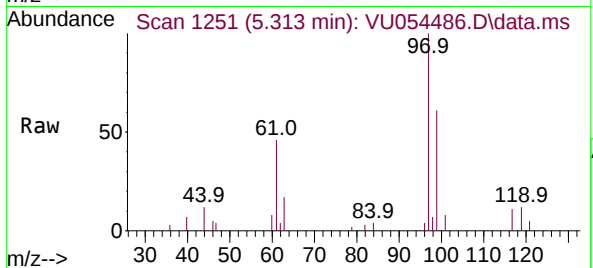
Tgt Ion: 97 Resp: 9215

Ion Ratio Lower Upper

97 100

99 60.8 50.8 76.2

61 43.7 36.1 54.1



#34

Trichloroethene

Concen: 0.715 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU054486.D

Acq: 12 Jun 2023 15:10

Tgt Ion: 95 Resp: 18939

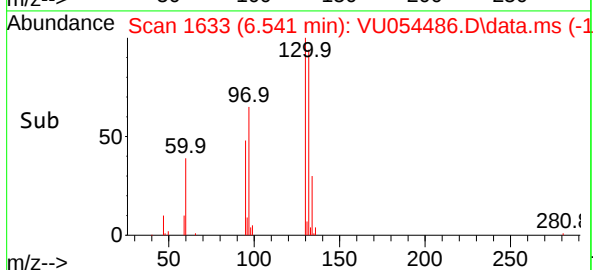
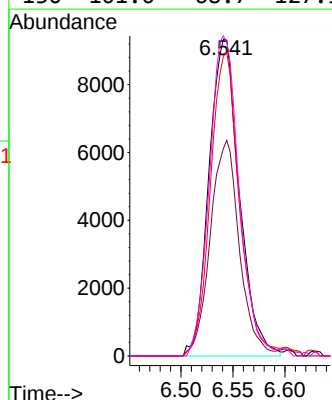
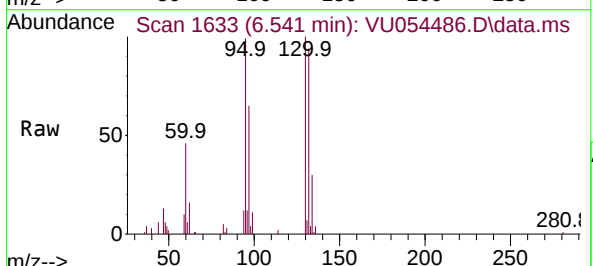
Ion Ratio Lower Upper

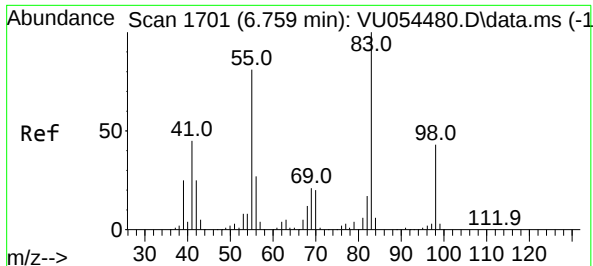
95 100

97 65.5 46.8 87.0

132 94.6 68.4 127.0

130 101.0 68.7 127.5





#35

Methylcyclohexane

Concen: 0.647 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.074 min

Lab File: VU054486.D

Acq: 12 Jun 2023 15:10

Instrument :

MSVOA_U

ClientSampleId :

CONR1

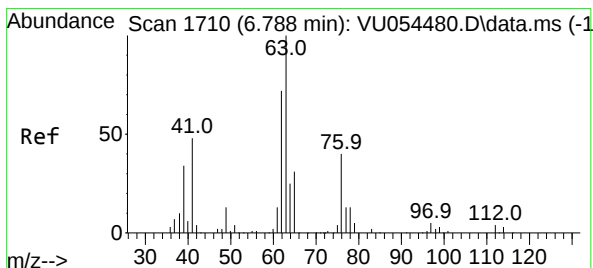
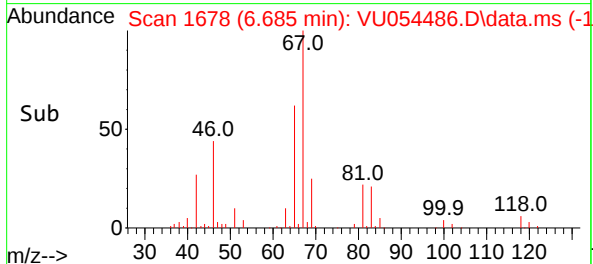
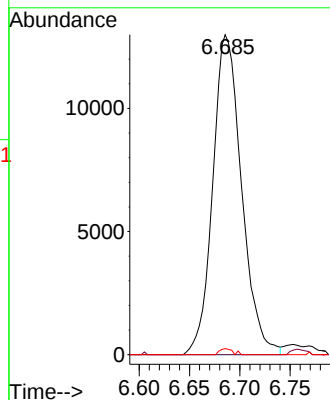
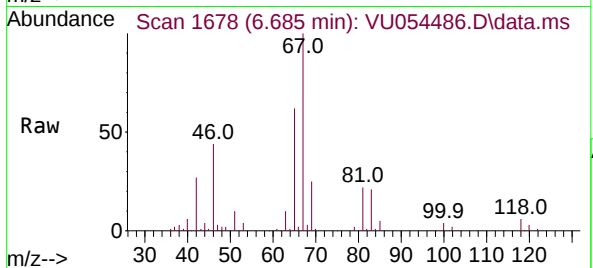
Tgt Ion: 83 Resp: 25914

Ion Ratio Lower Upper

83 100

55 0.9 67.1 100.7#

98 0.9 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.460 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU054486.D

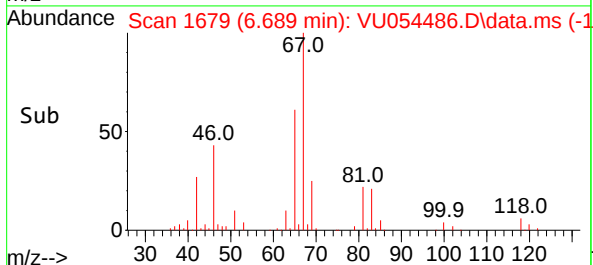
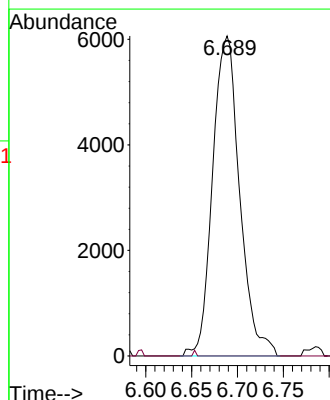
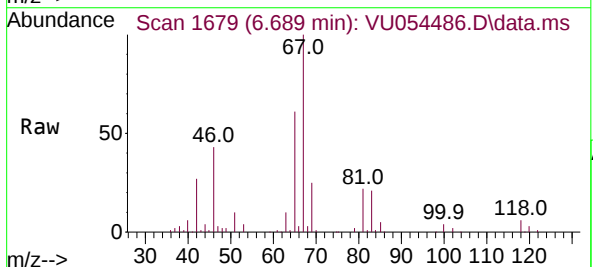
Acq: 12 Jun 2023 15:10

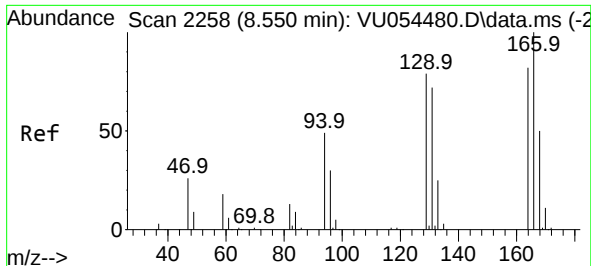
Tgt Ion: 63 Resp: 12451

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.6#

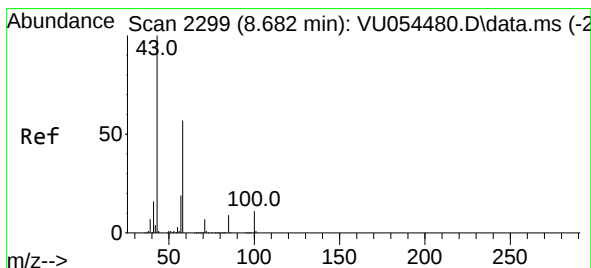
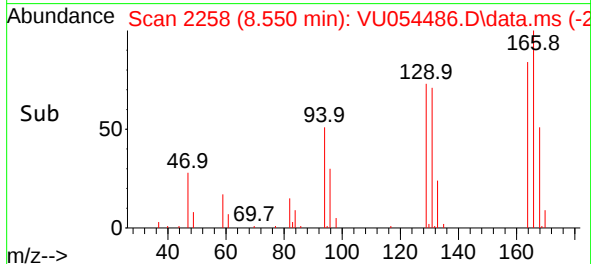
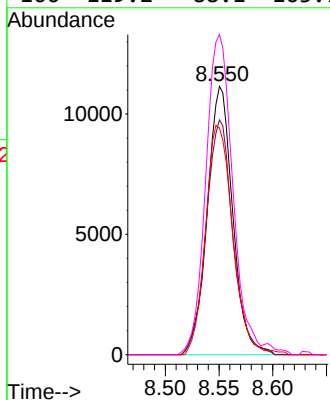
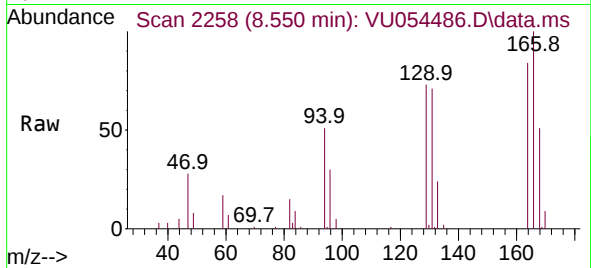




#47
Tetrachloroethene
Concen: 0.908 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054486.D
Acq: 12 Jun 2023 15:10

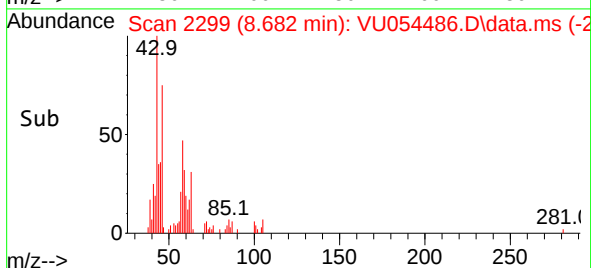
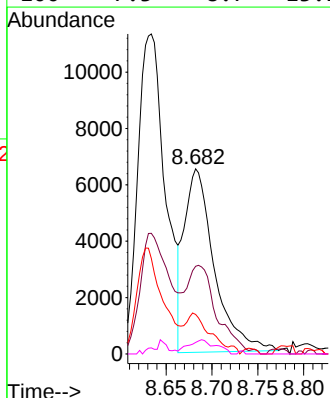
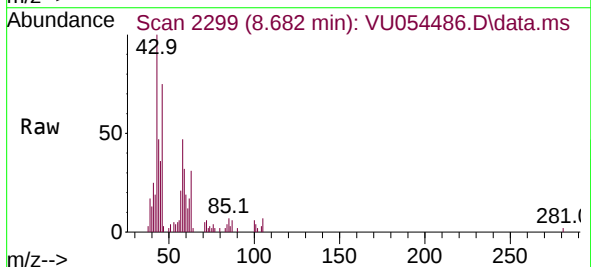
Instrument :
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ClientSampleId :
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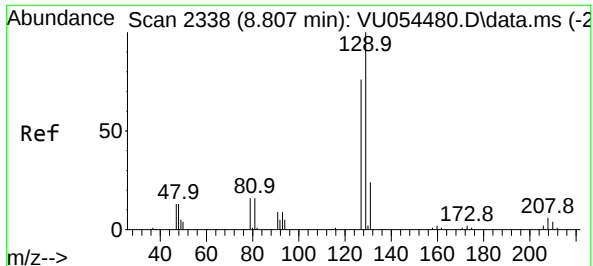
Tgt Ion:164 Resp: 18408
Ion Ratio Lower Upper
164 100
129 87.5 67.7 125.7
131 84.4 64.6 120.0
166 119.2 88.1 163.7



#48
2-Hexanone
Concen: 1.380 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VU054486.D
Acq: 12 Jun 2023 15:10

Tgt Ion: 43 Resp: 14864
Ion Ratio Lower Upper
43 100
58 43.1 45.2 67.8#
57 18.7 15.8 23.6
100 7.3 8.7 13.1#





#49

Dibromochloromethane

Concen: 0.927 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU054486.D

Acq: 12 Jun 2023 15:10

Instrument :

MSVOA_U

ClientSampleId :

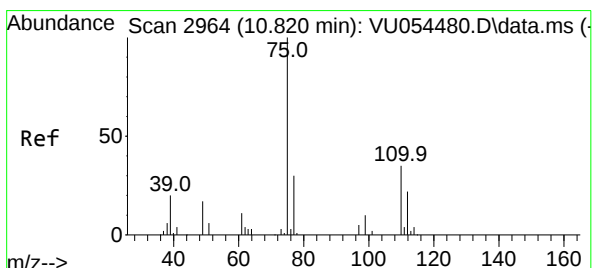
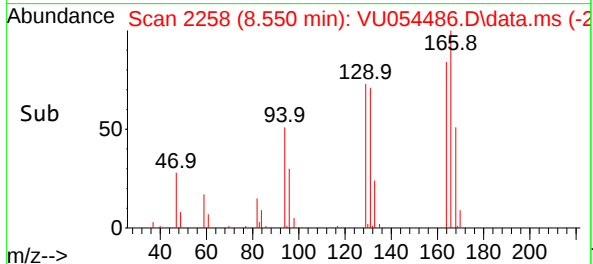
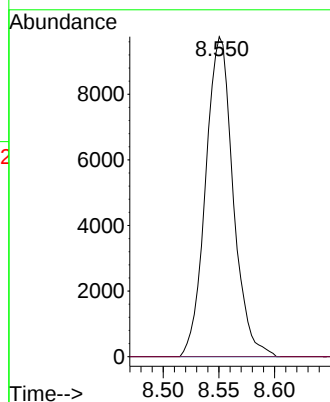
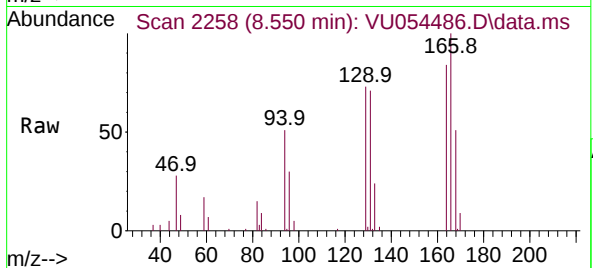
CONR1

Tgt Ion:129 Resp: 16772

Ion Ratio Lower Upper

129 100

127 0.0 53.2 98.8#



#61

1,2,3-Trichloropropane

Concen: 1.291 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.987 min

Lab File: VU054486.D

Acq: 12 Jun 2023 15:10

Tgt Ion: 75 Resp: 17606

Ion Ratio Lower Upper

75 100

110 3.3 28.0 42.0#

77 32.6 25.4 38.2

