

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061523\
 Data File : VU054551.D
 Acq On : 16 Jun 2023 02:21
 Operator : MD/SY
 Sample : 03232-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CONK8

Quant Time: Jun 16 02:44:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 14 00:05:43 2023
 Response via : Initial Calibration

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

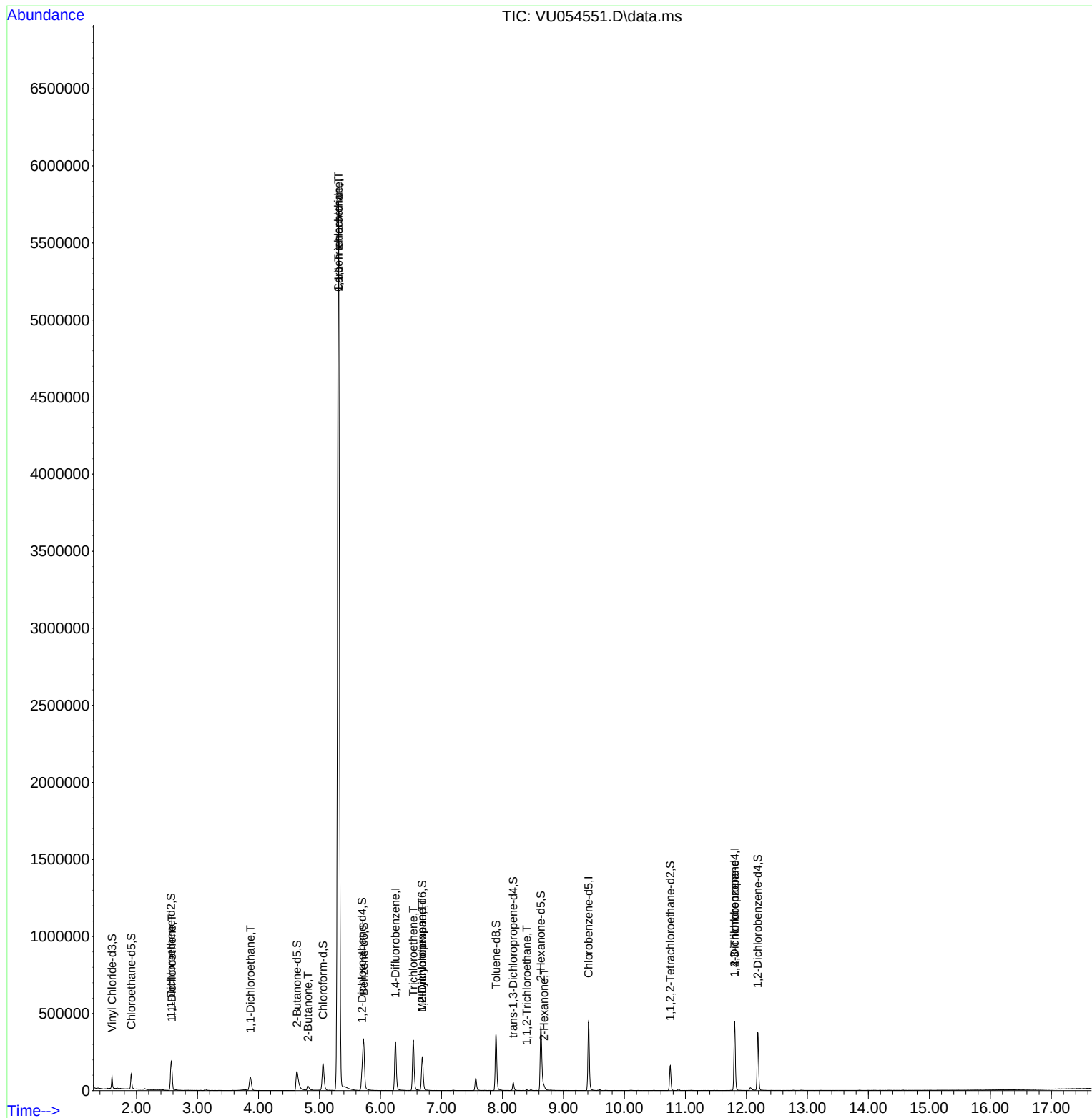
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264348	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	258875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	122999	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	55750	3.314	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.200%
7) Chloroethane-d5	1.914	69	73622	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.567	65	27784	3.698	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.000%
20) 2-Butanone-d5	4.631	46	229865	48.597	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.200%
24) Chloroform-d	5.058	84	163807	4.658	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.698	65	82395	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.724	84	313291	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.685	67	112705	4.690	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.894	98	258783	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	8.177	79	30212	3.615	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.631	63	150615	42.957	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.920%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84066	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	102129	4.923	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.579	96	30577	1.595	ug/L #	64
19) 1,1-Dichloroethane	3.869	63	103733	2.532	ug/L	99
21) 2-Butanone	4.811	43	42294	7.307	ug/L #	48
29) 1,1,1-Trichloroethane	5.312	97	4244192	120.904	ug/L	99
31) Carbon tetrachloride	5.312	117	554134	18.320	ug/L	100
34) Trichloroethene	6.541	95	118484	4.816	ug/L	99
35) Methylcyclohexane	6.685	83	25243	0.679	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	11313	0.450	ug/L #	89
45) 1,1,2-Trichloroethane	8.399	97	1922	0.120	ug/L	90
48) 2-Hexanone	8.682	43	12263	1.226	ug/L #	83
61) 1,2,3-Trichloropropane	11.807	75	14535	1.169	ug/L #	71

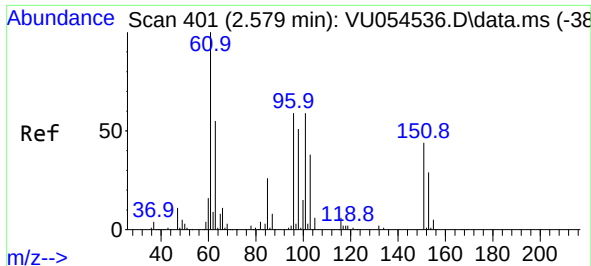
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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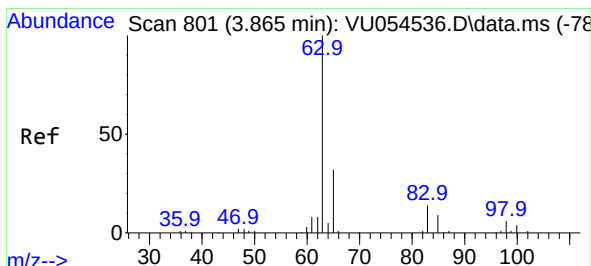
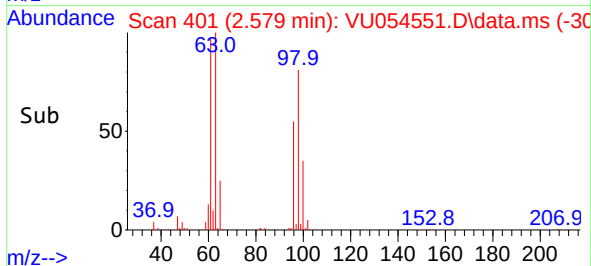
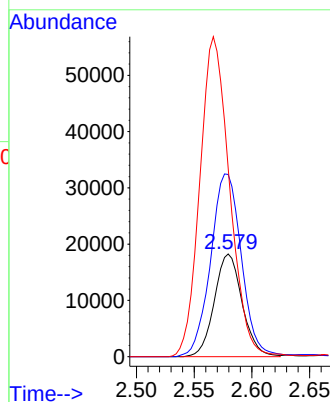
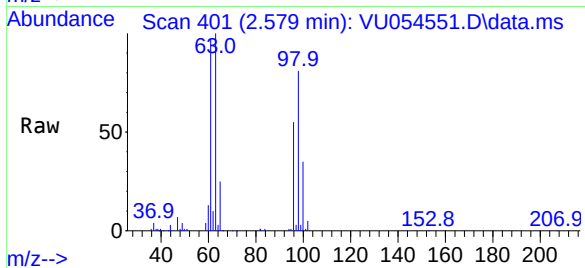




#12
1,1-Dichloroethene
Concen: 1.595 ug/L
RT: 2.579 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU054551.D
Acq: 16 Jun 2023 02:21

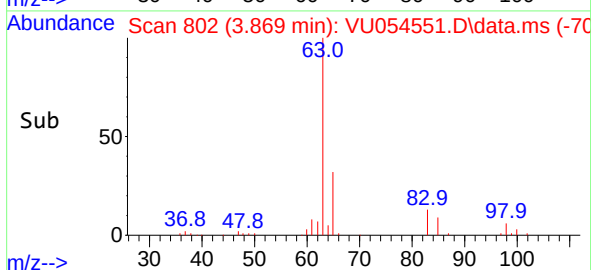
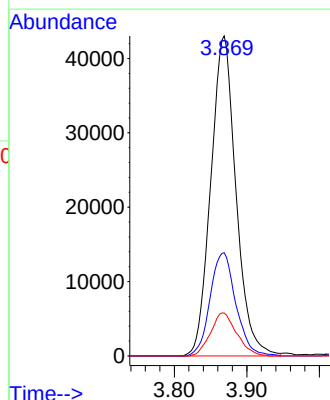
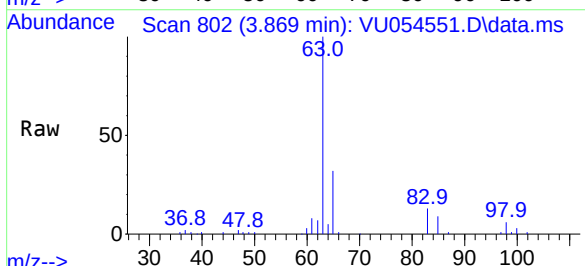
Instrument :
MSVOA_U
ClientSampleId :
CONK8

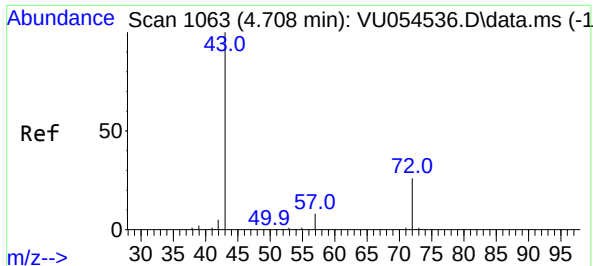
Tgt Ion: 96 Resp: 30577
Ion Ratio Lower Upper
96 100
61 177.5 119.9 222.7
63 183.4 64.3 119.3#



#19
1,1-Dichloroethane
Concen: 2.532 ug/L
RT: 3.869 min Scan# 802
Delta R.T. 0.003 min
Lab File: VU054551.D
Acq: 16 Jun 2023 02:21

Tgt Ion: 63 Resp: 103733
Ion Ratio Lower Upper
63 100
65 32.3 22.2 41.2
83 13.4 9.0 16.6

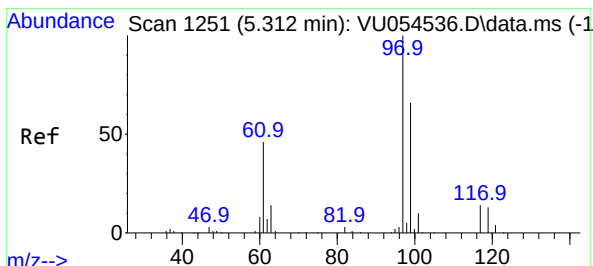
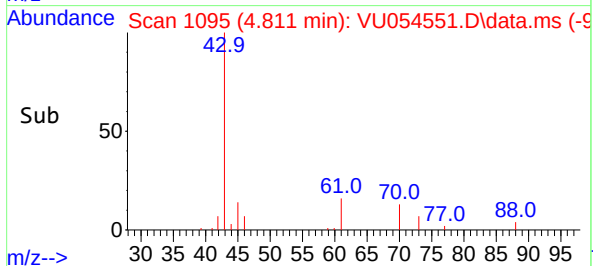
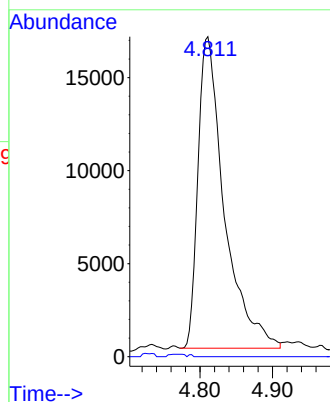
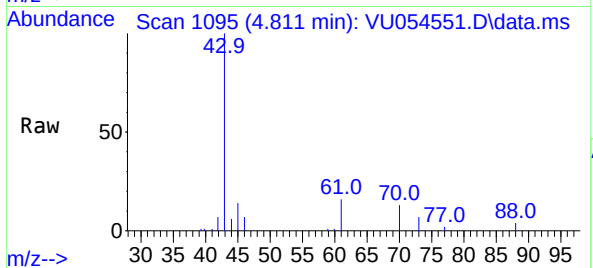




#21
2-Butanone
Concen: 7.307 ug/L
RT: 4.811 min Scan# 1095
Delta R.T. 0.100 min
Lab File: VU054551.D
Acq: 16 Jun 2023 02:21

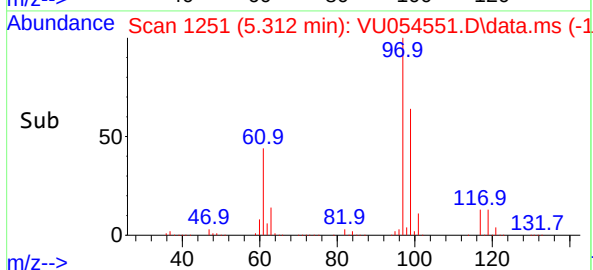
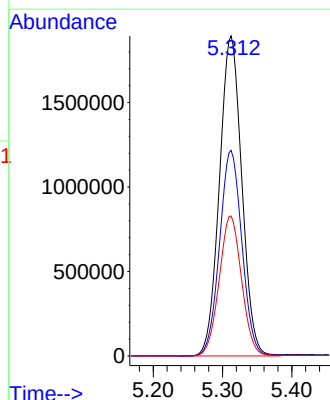
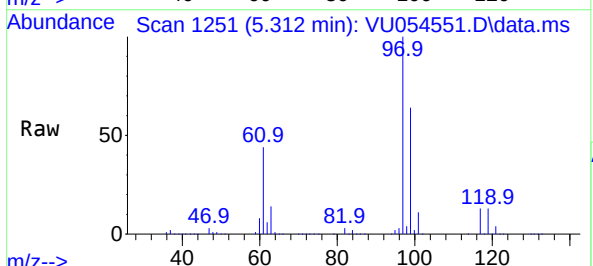
Instrument :
MSVOA_U
ClientSampleId :
CONK8

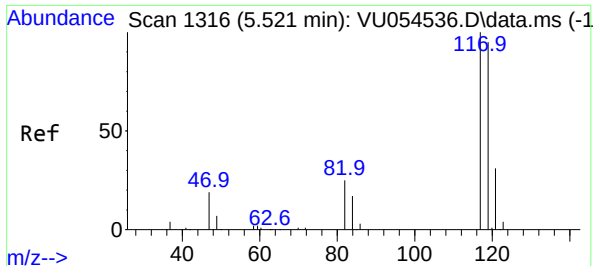
Tgt Ion: 43 Resp: 42294
Ion Ratio Lower Upper
43 100
72 0.1 13.4 40.1#



#29
1,1,1-Trichloroethane
Concen: 120.904 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU054551.D
Acq: 16 Jun 2023 02:21

Tgt Ion: 97 Resp: 4244192
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 43.9 36.1 54.1

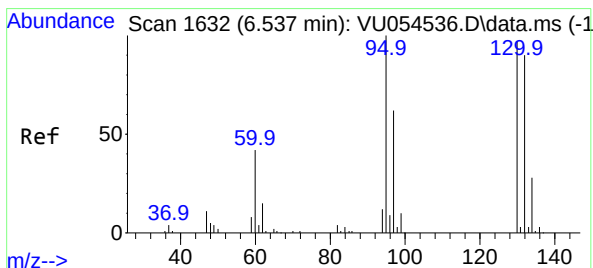
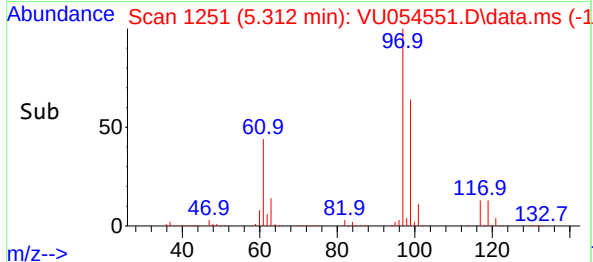
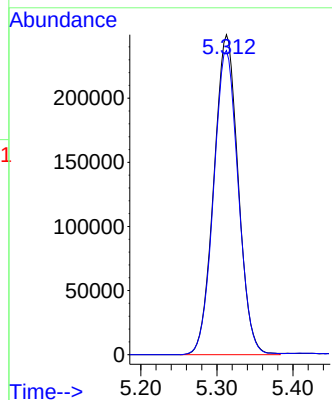
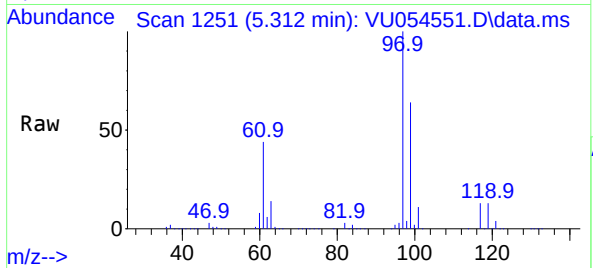




#31
Carbon tetrachloride
Concen: 18.320 ug/L
RT: 5.312 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU054551.D
Acq: 16 Jun 2023 02:21

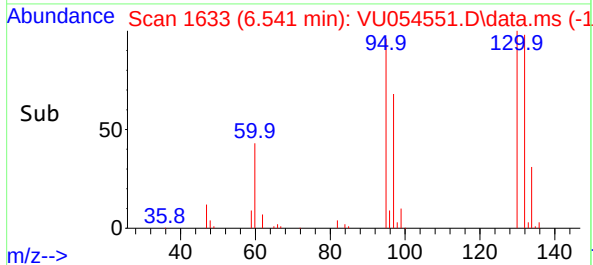
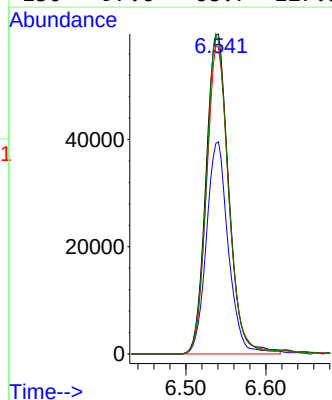
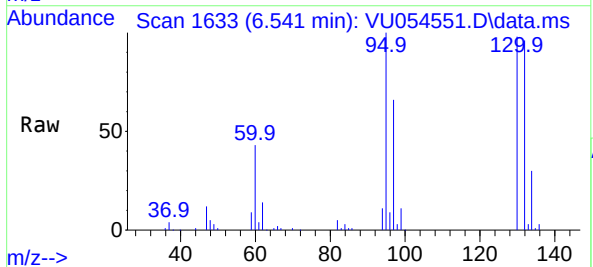
Instrument :
MSVOA_U
ClientSampleId :
CONK8

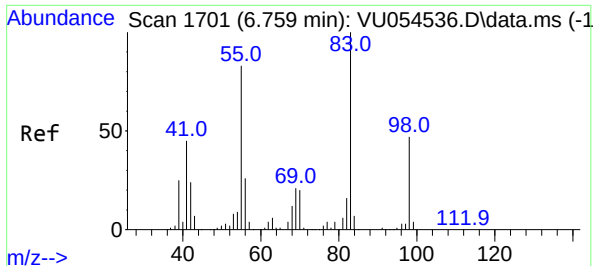
Tgt Ion:117 Resp: 554134
Ion Ratio Lower Upper
117 100
119 96.3 76.8 115.2



#34
Trichloroethene
Concen: 4.816 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU054551.D
Acq: 16 Jun 2023 02:21

Tgt Ion: 95 Resp: 118484
Ion Ratio Lower Upper
95 100
97 66.3 46.8 87.0
132 95.7 68.4 127.0
130 97.6 68.7 127.5





#35

Methylcyclohexane

Concen: 0.679 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU054551.D

Acq: 16 Jun 2023 02:21

Instrument :

MSVOA_U

ClientSampleId :

CONK8

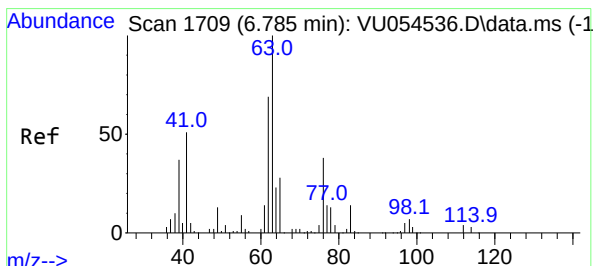
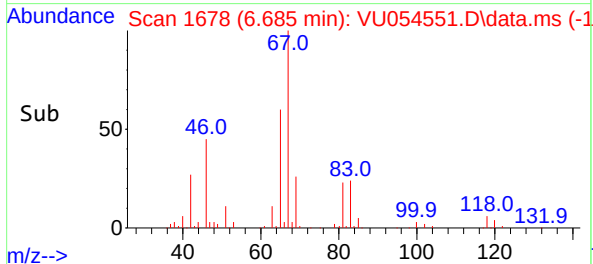
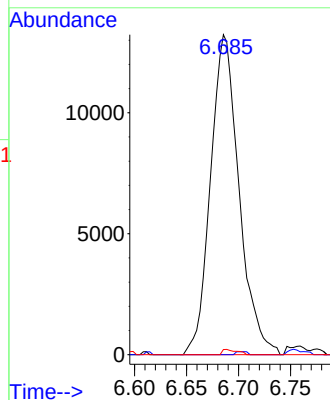
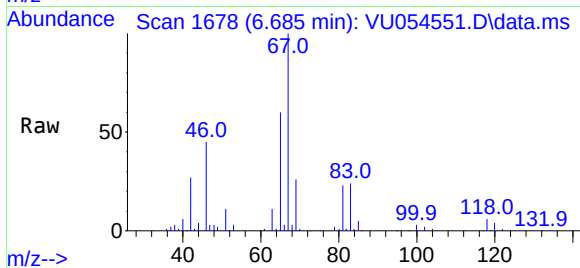
Tgt Ion: 83 Resp: 25243

Ion Ratio Lower Upper

83 100

55 0.4 67.1 100.7#

98 0.0 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.450 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.103 min

Lab File: VU054551.D

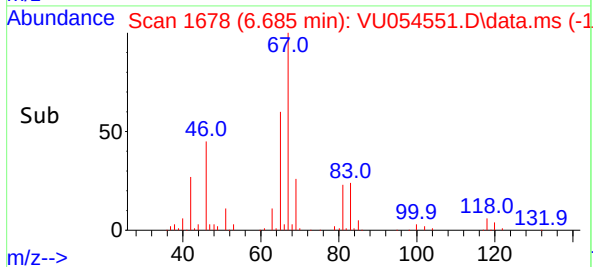
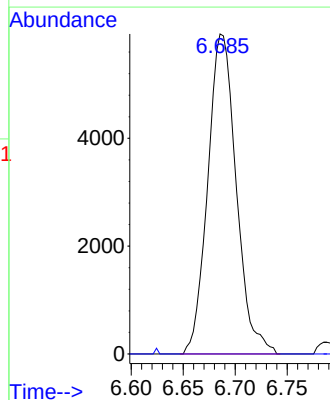
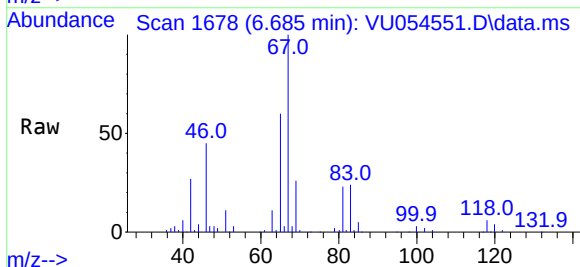
Acq: 16 Jun 2023 02:21

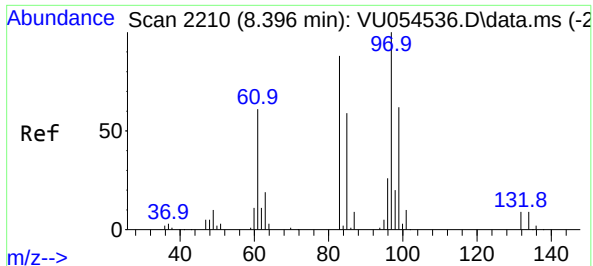
Tgt Ion: 63 Resp: 11313

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.6#



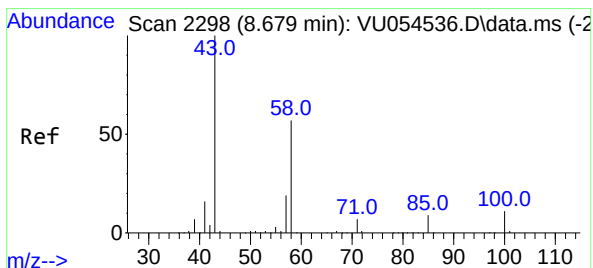
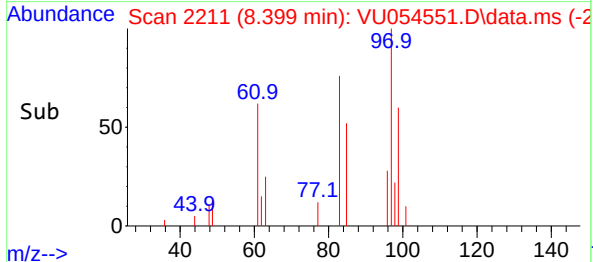
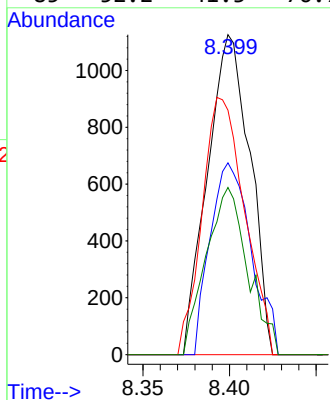
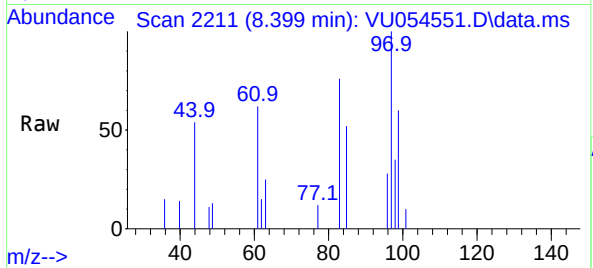


#45
1,1,2-Trichloroethane
Concen: 0.120 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VU054551.D
Acq: 16 Jun 2023 02:21

Instrument :
MSVOA_U
ClientSampleId :
CONK8

Tgt Ion: 97 Resp: 1922

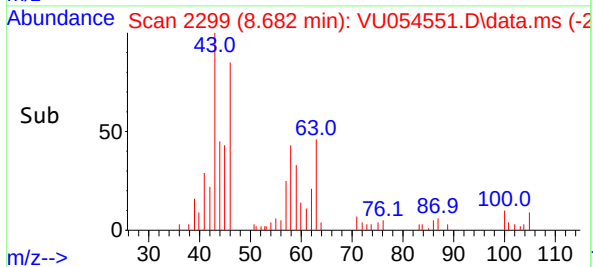
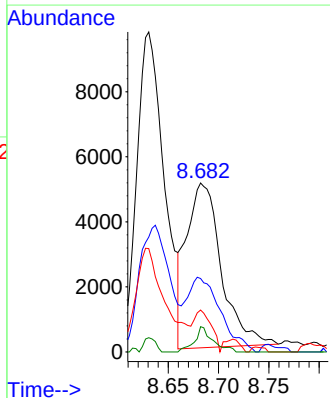
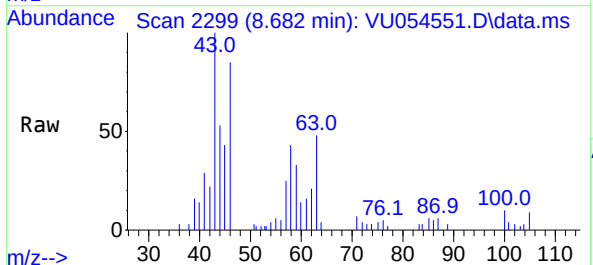
Ion	Ratio	Lower	Upper
97	100		
99	59.9	43.0	80.0
83	76.4	63.8	118.6
85	52.2	41.3	76.7

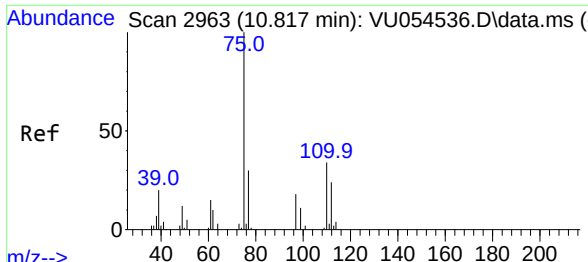


#48
2-Hexanone
Concen: 1.226 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU054551.D
Acq: 16 Jun 2023 02:21

Tgt Ion: 43 Resp: 12263

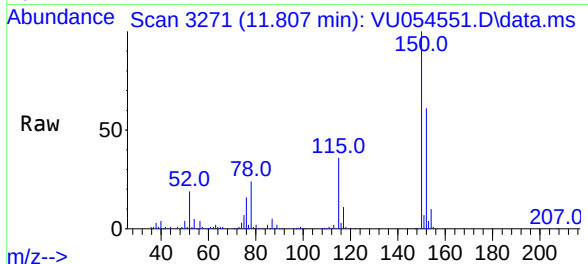
Ion	Ratio	Lower	Upper
43	100		
58	43.1	45.2	67.8#
57	12.2	15.8	23.6#
100	7.9	8.7	13.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.169 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU054551.D
 Acq: 16 Jun 2023 02:21

Instrument :
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Tgt Ion:	75	Resp:	14535
Ion	Ratio	Lower	Upper
75	100		
110	3.7	28.0	42.0#
77	32.1	25.4	38.2

