

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043274.D
 Acq On : 22 Apr 2021 13:36
 Operator : SY/MD
 Sample : M2088-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4541

Quant Time: Apr 22 23:41:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

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

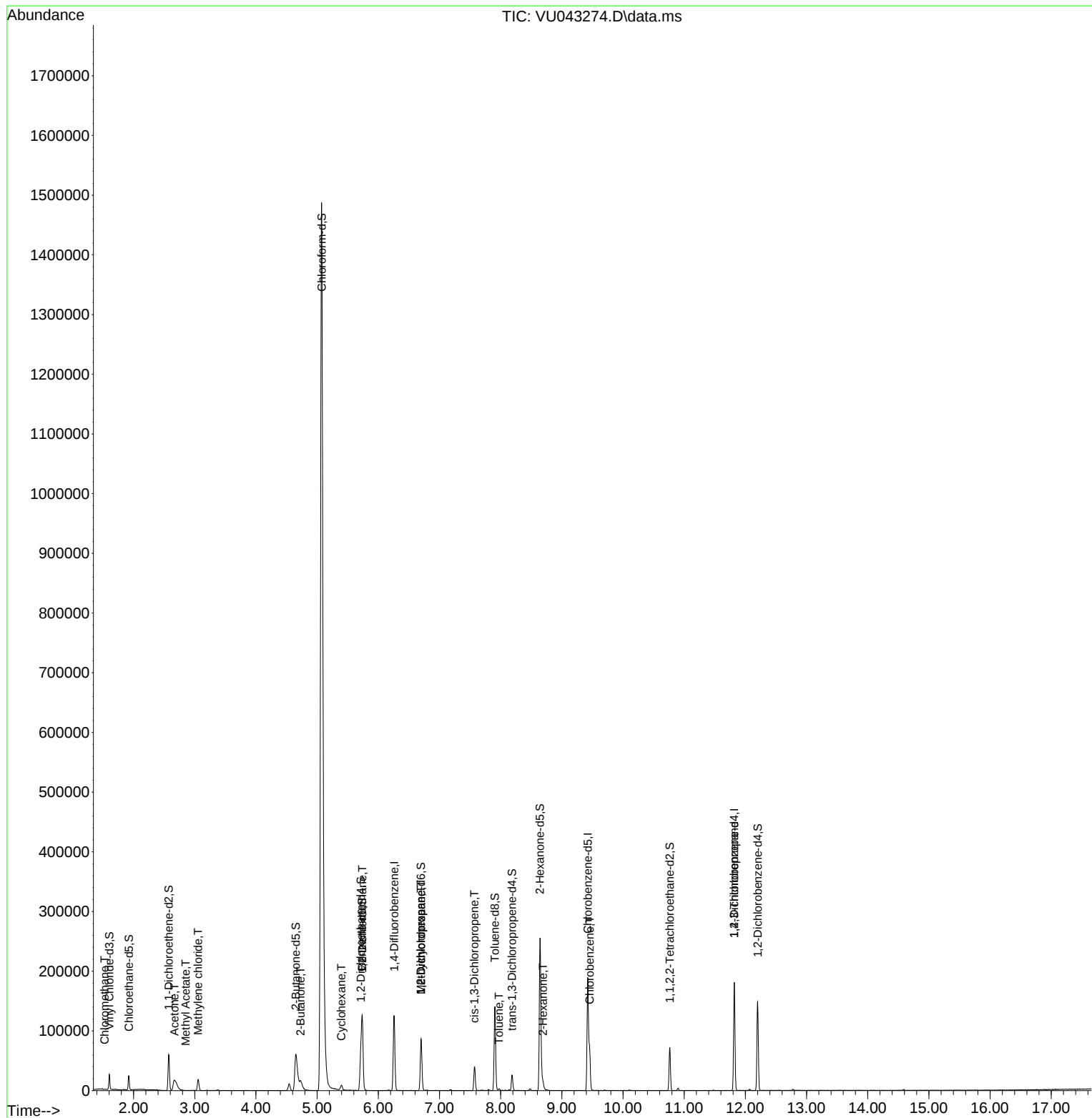
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	93016	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	91580	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	44517	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	15981	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.922	69	15930	3.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.60%
11) 1,1-Dichloroethene-d2	2.575	65	11398	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	4.652	46	132608	63.92	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.84%
24) Chloroform-d	5.076	84	62558	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.713	65	39101	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.735	84	102819	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.700	67	35943	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.906	98	86479	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloroprop...	8.185	79	13404	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.642	63	78102	50.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.30%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	33204	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	35185	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%
Target Compounds						Qvalue
3) Chloromethane	1.526	50	501	0.09	ug/L	85
13) Acetone	2.668	43	49069	32.19	ug/L	# 66
15) Methyl Acetate	2.851	43	296	0.10	ug/L	# 48
16) Methylene chloride	3.054	84	7488	1.12	ug/L	# 78
21) 2-Butanone	4.729	43	26543	10.55	ug/L	80
27) 1,2-Dichloroethane	5.739	62	758	0.08	ug/L	# 74
30) Cyclohexane	5.398	56	3771	0.39	ug/L	88
35) Methylcyclohexane	6.700	83	8665	0.93	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4345	0.63	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	1024	0.10	ug/L	89
42) Toluene	7.973	91	2028	0.07	ug/L	89
48) 2-Hexanone	8.690	43	5893	1.30	ug/L	# 65
51) Chlorobenzene	9.455	112	31646	1.81	ug/L	92
61) 1,2,3-Trichloropropane	11.819	75	5399	1.17	ug/L	# 64

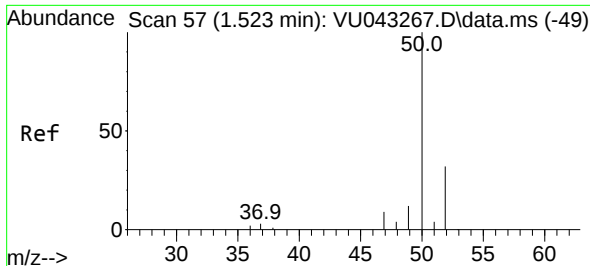
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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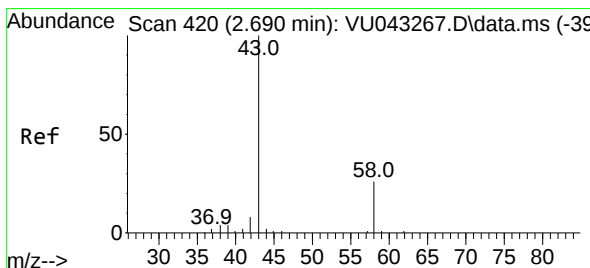
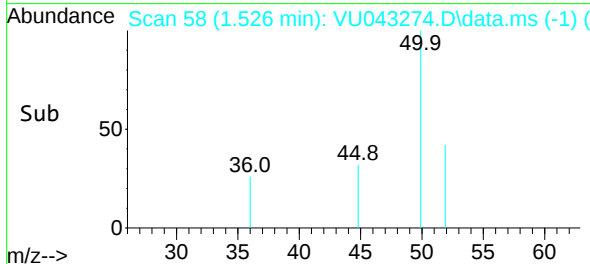
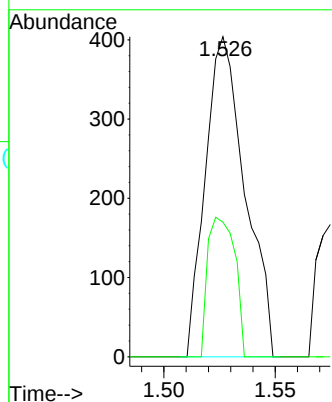
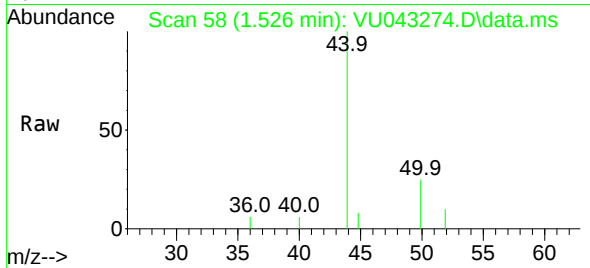




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.003 min
Lab File: VU043274.D
Acq: 22 Apr 2021 13:36

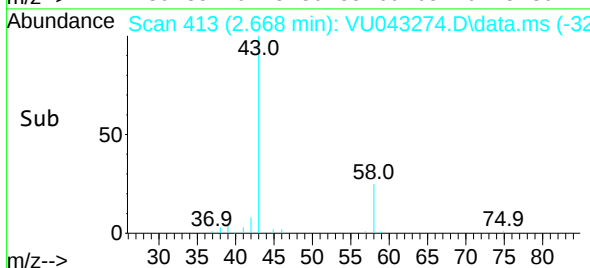
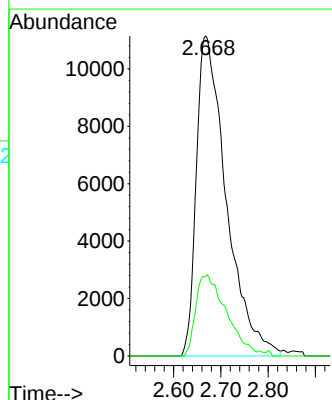
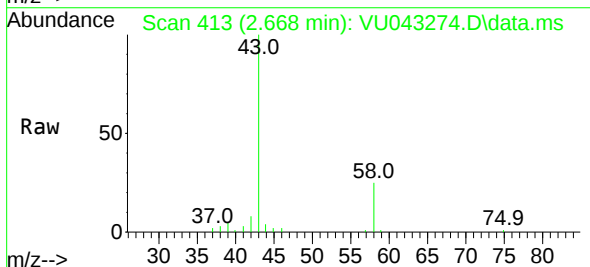
Instrument :
MSVOA_U
ClientSampled :
H4541

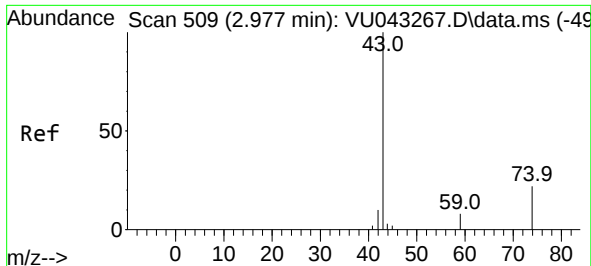
Tgt Ion: 50 Resp: 501
Ion Ratio Lower Upper
50 100
52 42.1 23.6 43.8



#13
Acetone
Concen: 32.19 ug/L
RT: 2.668 min Scan# 413
Delta R.T. -0.022 min
Lab File: VU043274.D
Acq: 22 Apr 2021 13:36

Tgt Ion: 43 Resp: 49069
Ion Ratio Lower Upper
43 100
58 25.7 0.0 25.0#

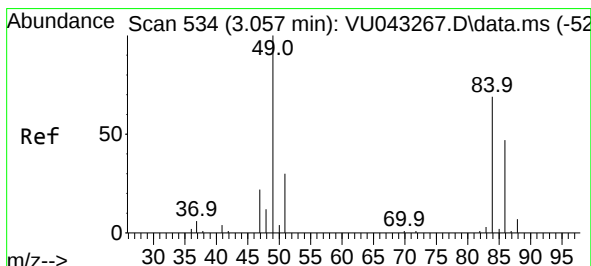
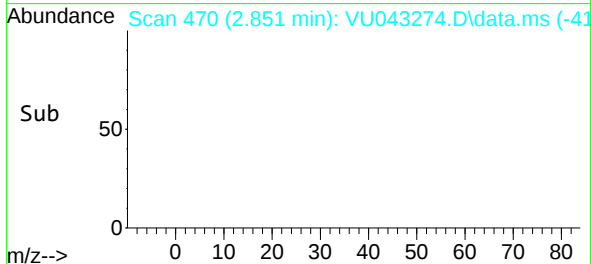
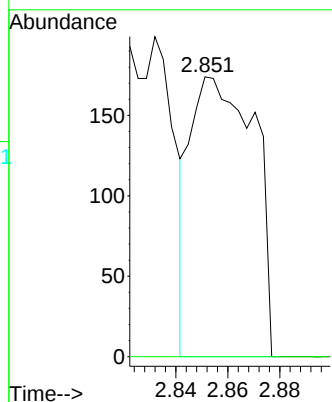
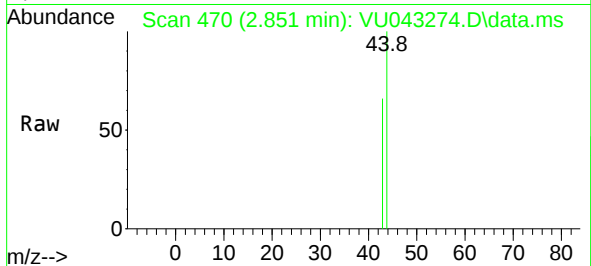




#15
Methyl Acetate
Concen: 0.10 ug/L
RT: 2.851 min Scan# 470
Delta R.T. -0.125 min
Lab File: VU043274.D
Acq: 22 Apr 2021 13:36

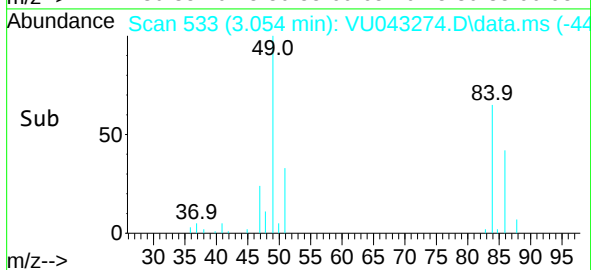
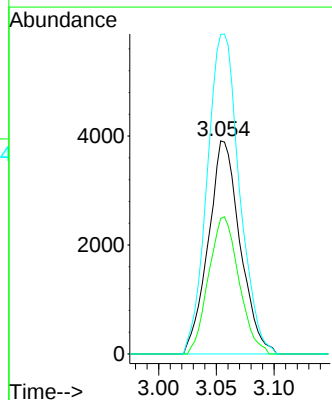
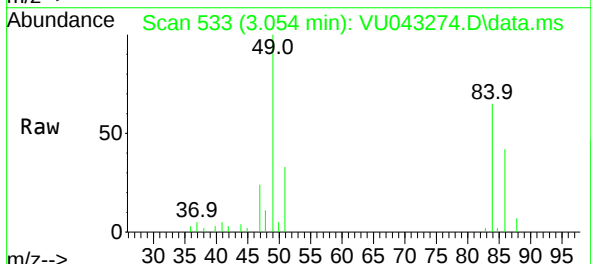
Instrument :
MSVOA_U
ClientSampleId :
H4541

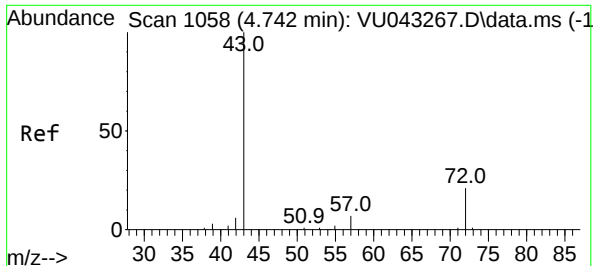
Tgt Ion: 43 Resp: 296
Ion Ratio Lower Upper
43 100
74 0.0 21.5 32.3#



#16
Methylene chloride
Concen: 1.12 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU043274.D
Acq: 22 Apr 2021 13:36

Tgt Ion: 84 Resp: 7488
Ion Ratio Lower Upper
84 100
86 63.6 44.9 83.5
49 149.9 79.0 146.8#





#21

2-Butanone

Concen: 10.55 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. -0.013 min

Lab File: VU043274.D

Acq: 22 Apr 2021 13:36

Tgt Ion: 43 Resp: 26543

Ion Ratio Lower Upper

43 100

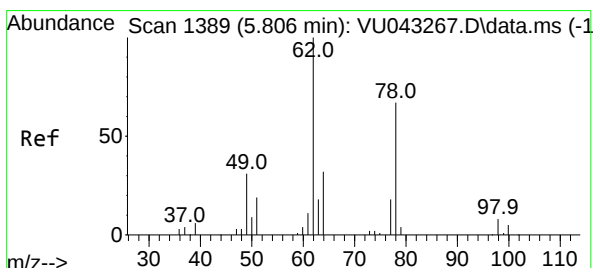
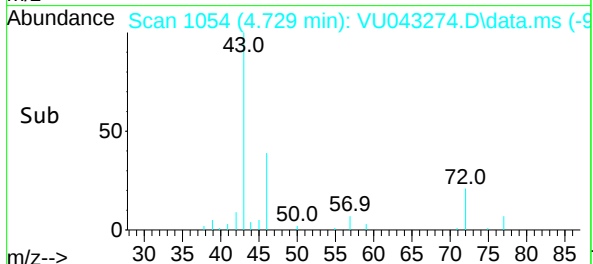
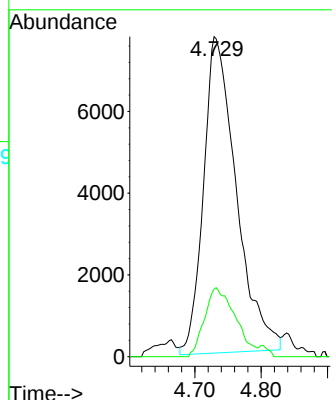
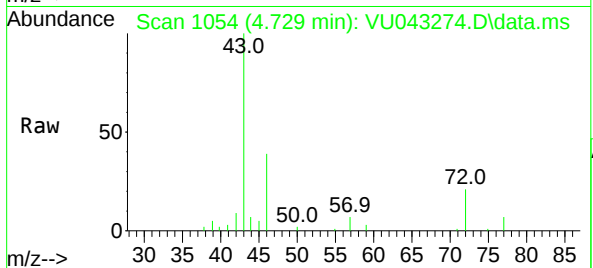
72 20.4 15.8 47.3

Instrument :

MSVOA_U

ClientSampleId :

H4541



#27

1,2-Dichloroethane

Concen: 0.08 ug/L

RT: 5.739 min Scan# 1368

Delta R.T. -0.067 min

Lab File: VU043274.D

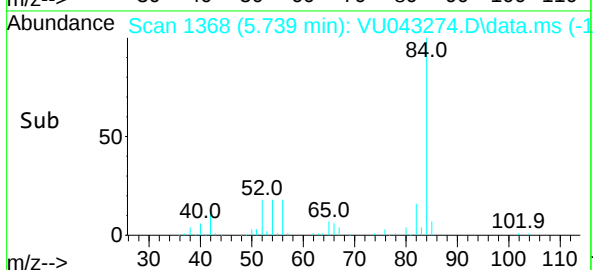
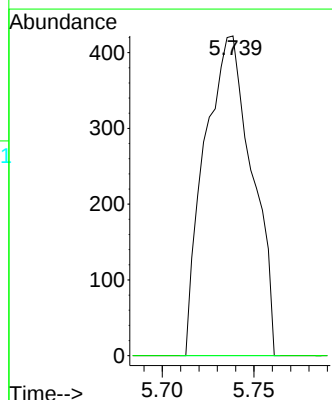
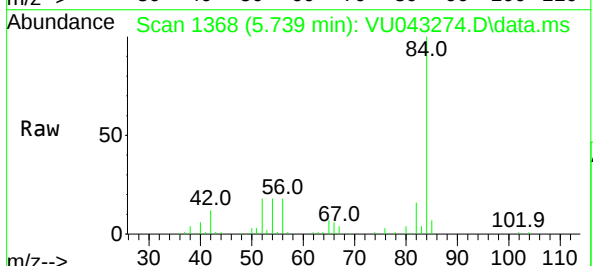
Acq: 22 Apr 2021 13:36

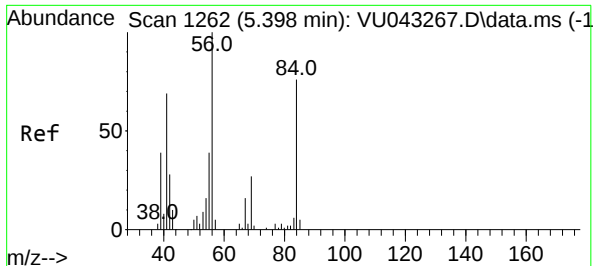
Tgt Ion: 62 Resp: 758

Ion Ratio Lower Upper

62 100

98 0.0 7.5 11.3#





#30

Cyclohexane

Concen: 0.39 ug/L

RT: 5.398 min Scan# 1262

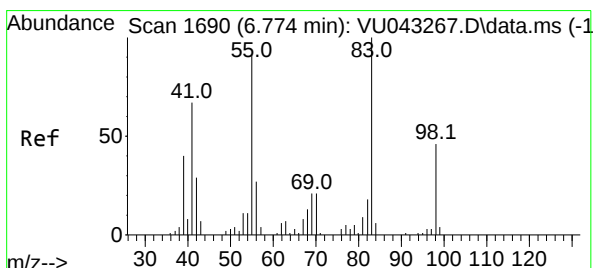
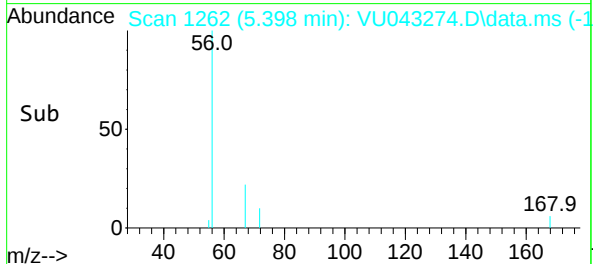
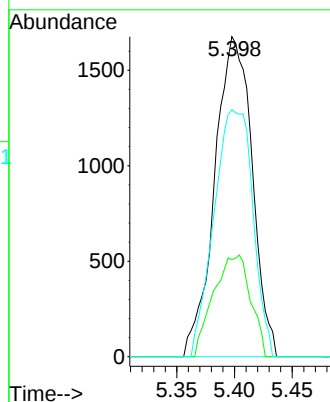
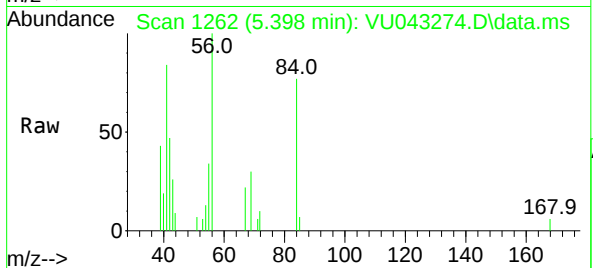
Delta R.T. 0.000 min

Lab File: VU043274.D

Acq: 22 Apr 2021 13:36

Tgt Ion: 56 Resp: 3771

Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.2	37.8
84	80.3	76.2	114.4



#35

Methylcyclohexane

Concen: 0.93 ug/L

RT: 6.700 min Scan# 1667

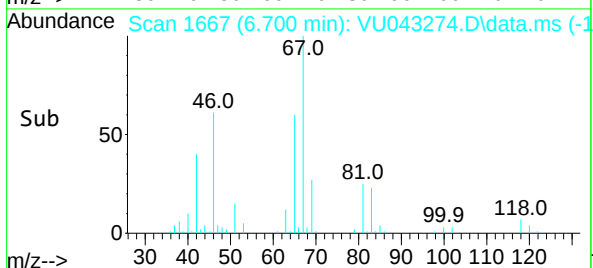
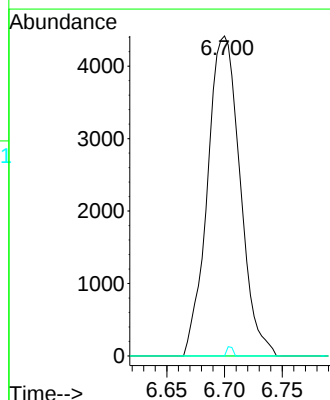
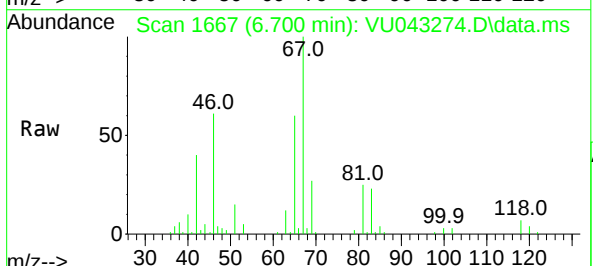
Delta R.T. -0.074 min

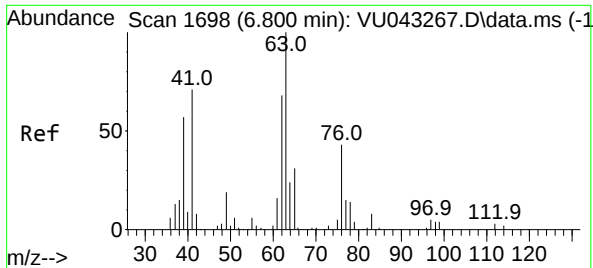
Lab File: VU043274.D

Acq: 22 Apr 2021 13:36

Tgt Ion: 83 Resp: 8665

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.5	37.9	56.9#



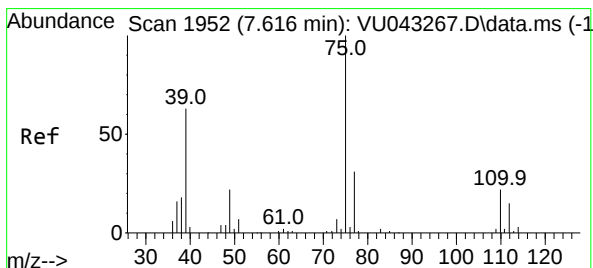
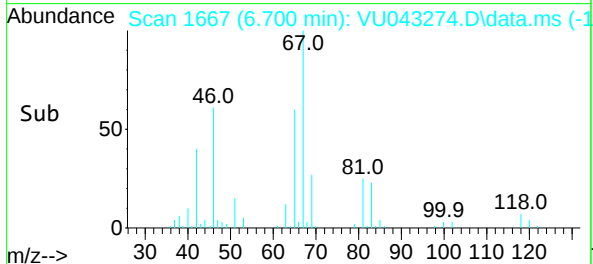
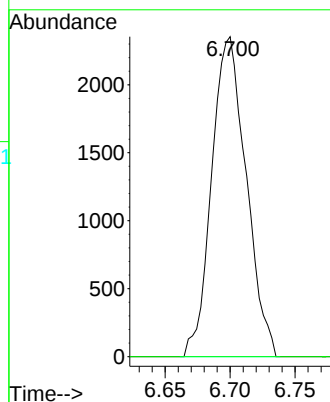
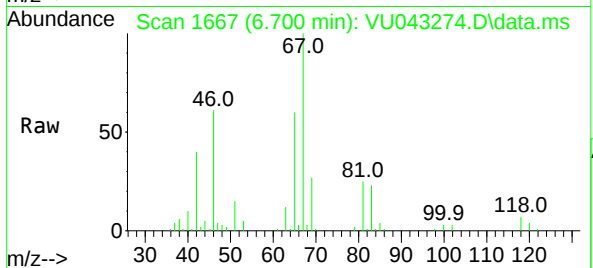


#37

1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043274.D
Acq: 22 Apr 2021 13:36

Instrument :
MSVOA_U
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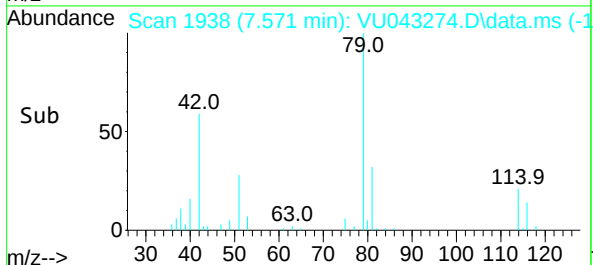
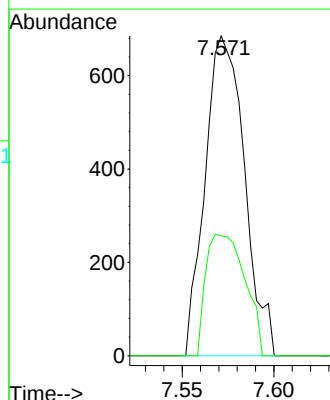
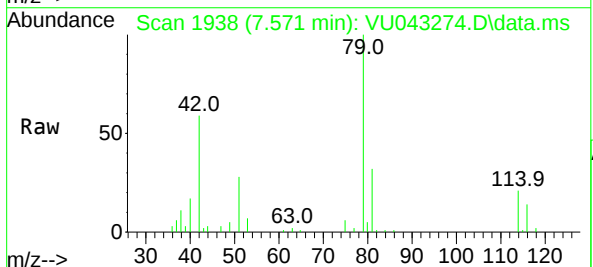
Tgt Ion: 63 Resp: 4345
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

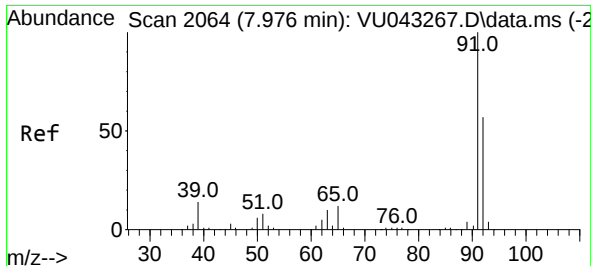


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043274.D
Acq: 22 Apr 2021 13:36

Tgt Ion: 75 Resp: 1024
Ion Ratio Lower Upper
75 100
77 37.5 21.8 40.6

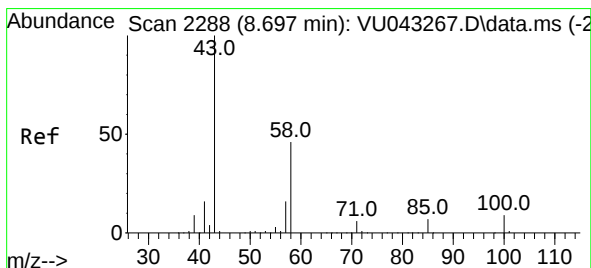
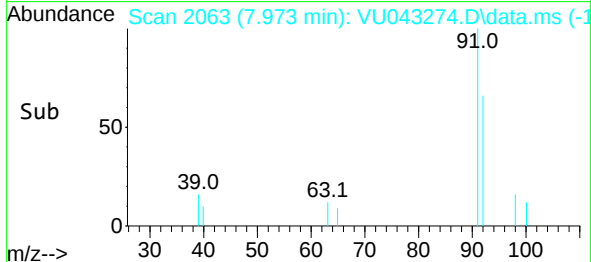
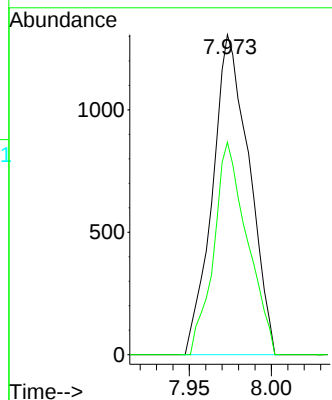
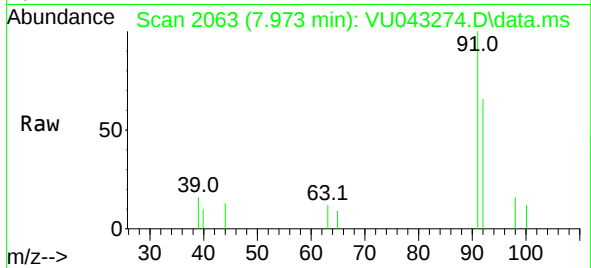




#42
Toluene
Concen: 0.07 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043274.D
Acq: 22 Apr 2021 13:36

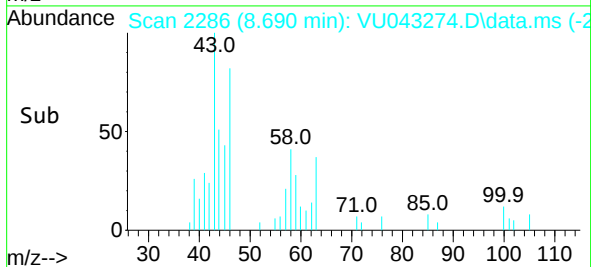
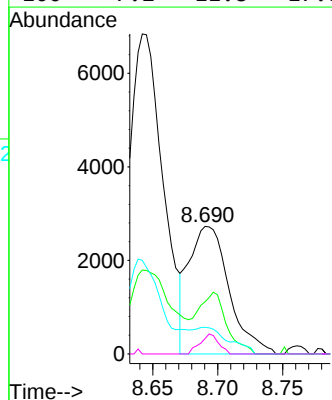
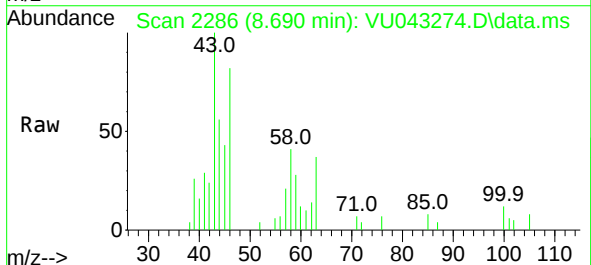
Instrument :
MSVOA_U
ClientSampled :
H4541

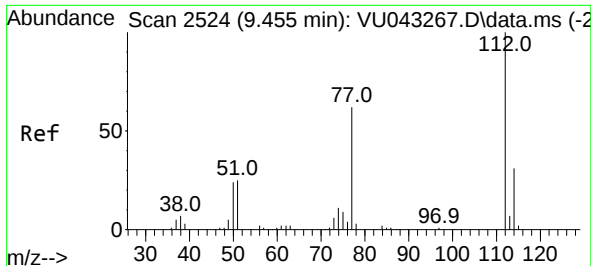
Tgt Ion: 91 Resp: 2028
Ion Ratio Lower Upper
91 100
92 66.4 40.9 76.0



#48
2-Hexanone
Concen: 1.30 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043274.D
Acq: 22 Apr 2021 13:36

Tgt Ion: 43 Resp: 5893
Ion Ratio Lower Upper
43 100
58 34.9 50.0 75.0#
57 0.0 17.4 26.0#
100 7.2 11.8 17.8#

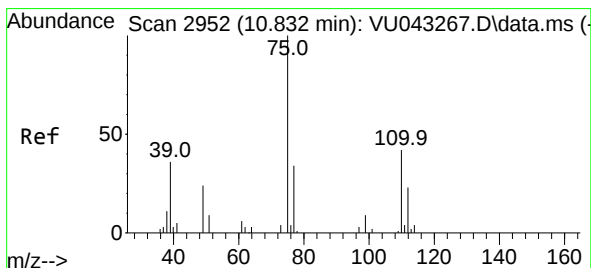
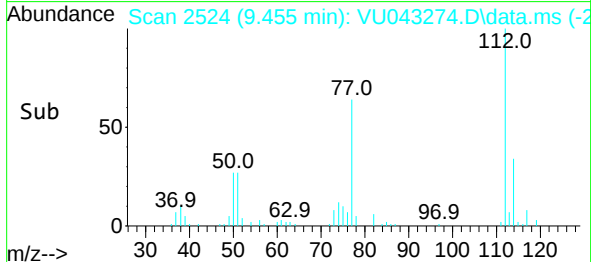
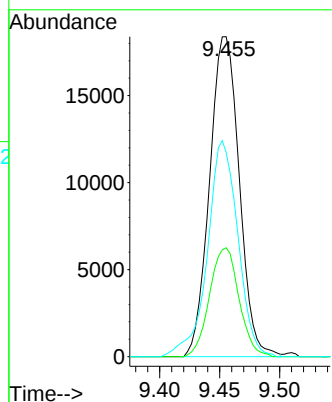
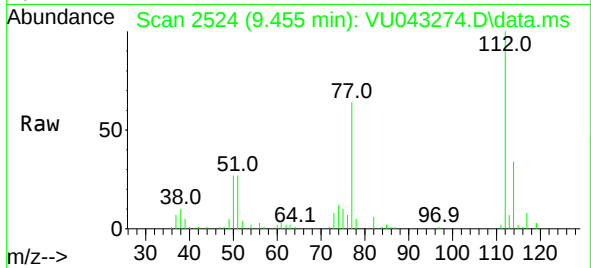




#51
Chlorobenzene
Concen: 1.81 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU043274.D
Acq: 22 Apr 2021 13:36

Instrument :
MSVOA_U
ClientSampleId :
H4541

Tgt Ion:112 Resp: 31646
Ion Ratio Lower Upper
112 100
114 34.1 21.9 40.7
77 63.9 45.1 67.7



#61
1,2,3-Trichloropropane
Concen: 1.17 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043274.D
Acq: 22 Apr 2021 13:36

Tgt Ion: 75 Resp: 5399
Ion Ratio Lower Upper
75 100
110 2.5 31.5 47.3#
77 36.8 26.3 39.5

