

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042221\
 Data File : VU043276.D
 Acq On : 22 Apr 2021 14:24
 Operator : SY/MD
 Sample : M2057-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H4537

Quant Time: Apr 22 23:41:30 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)

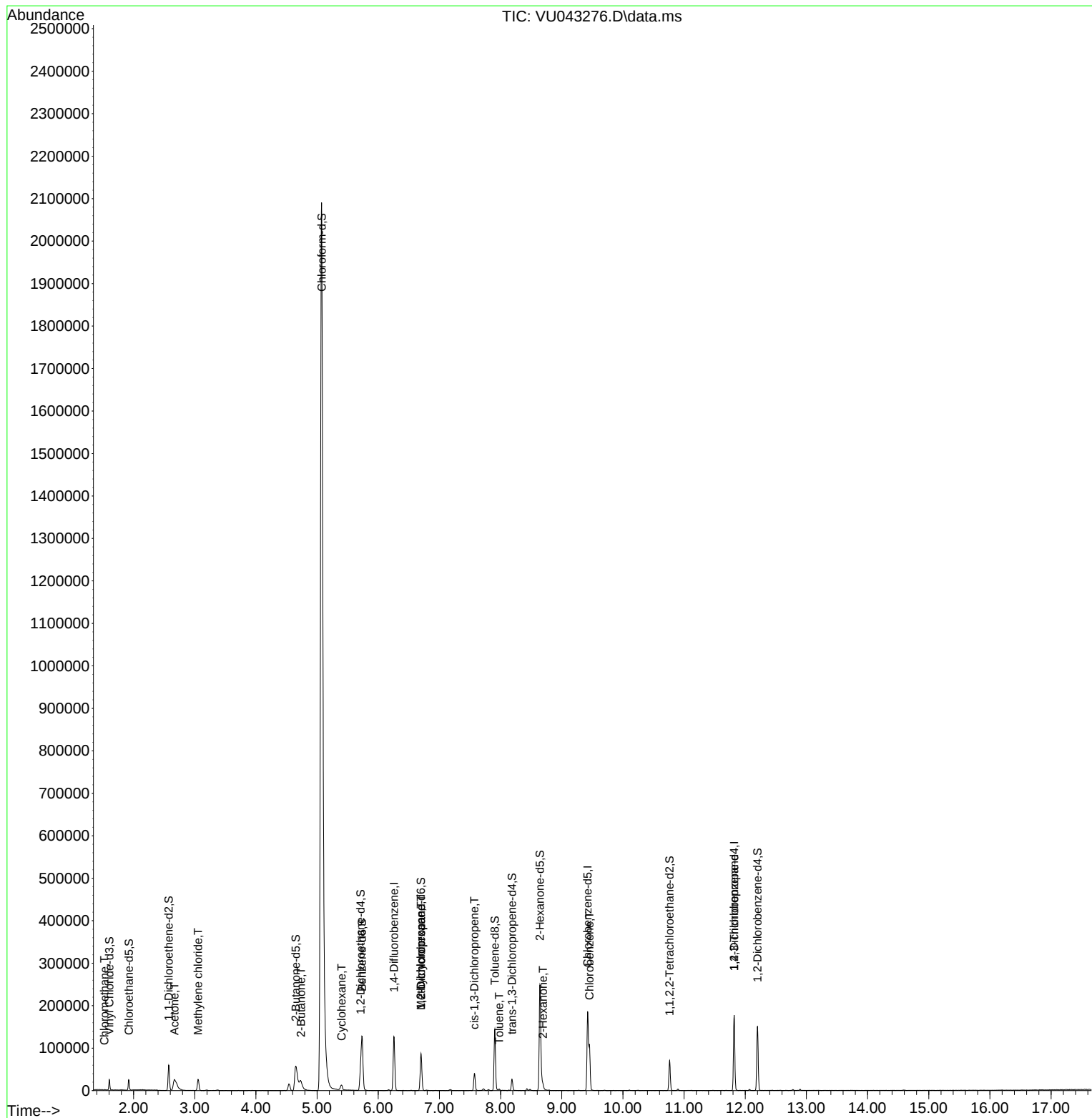
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	92146	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	89067	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	42132	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	15606	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.922	69	16079	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.80%
11) 1,1-Dichloroethene-d2	2.575	65	11450	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	4.652	46	132301	64.37	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.74%
24) Chloroform-d	5.076	84	62519	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
26) 1,2-Dichloroethane-d4	5.713	65	39379	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.735	84	103532	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.700	67	36536	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.906	98	87162	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloroprop...	8.185	79	13481	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.642	63	75151	49.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.22%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	31922	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	37340	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%
Target Compounds						Qvalue
3) Chloromethane	1.523	50	538	0.09	ug/L	# 74
13) Acetone	2.668	43	72934	48.30	ug/L	# 65
16) Methylene chloride	3.054	84	11153	1.68	ug/L	# 75
21) 2-Butanone	4.739	43	38040	15.26	ug/L	79
30) Cyclohexane	5.401	56	5635	0.60	ug/L	90
35) Methylcyclohexane	6.697	83	8292	0.91	ug/L	# 19
37) 1,2-Dichloropropane	6.700	63	4335	0.65	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	853	0.09	ug/L	# 36
42) Toluene	7.976	91	2520	0.09	ug/L	87
48) 2-Hexanone	8.693	43	6297	1.43	ug/L	# 78
51) Chlorobenzene	9.452	112	48894	2.88	ug/L	96
61) 1,2,3-Trichloropropane	11.819	75	5901	1.36	ug/L	# 63

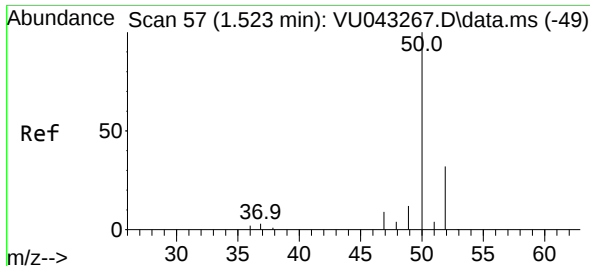
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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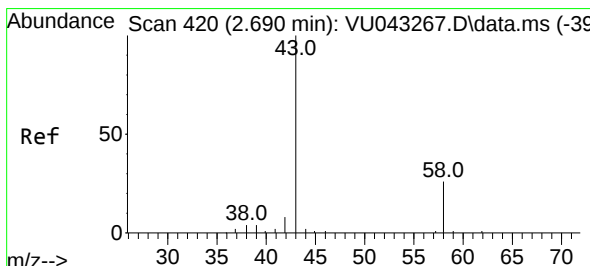
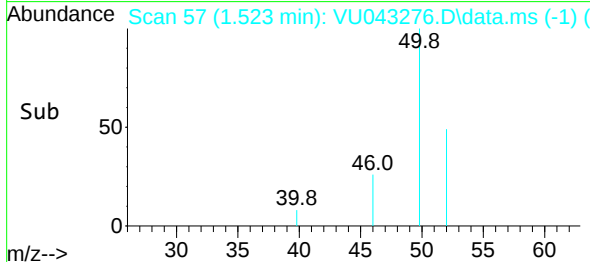
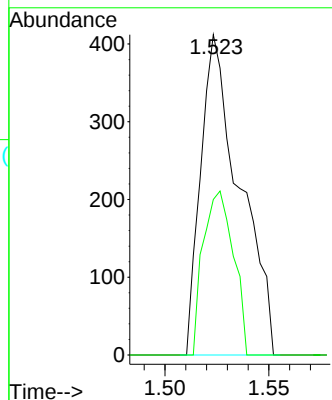
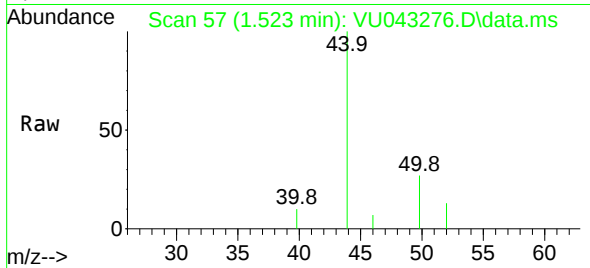




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043276.D
Acq: 22 Apr 2021 14:24

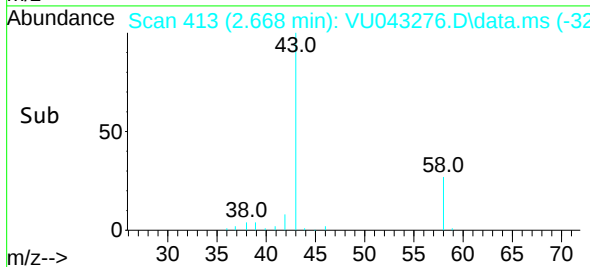
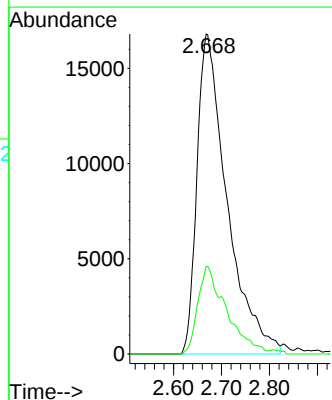
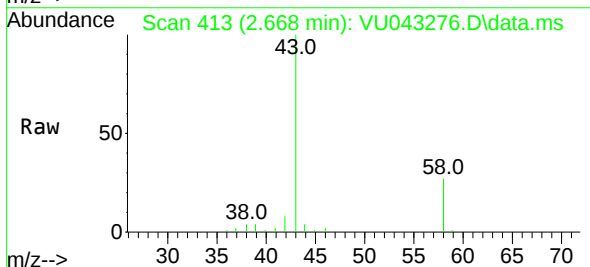
Instrument :
MSVOA_U
ClientSampled :
H4537

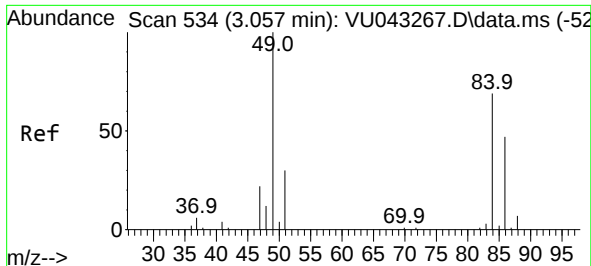
Tgt Ion: 50 Resp: 538
Ion Ratio Lower Upper
50 100
52 48.5 23.6 43.8#



#13
Acetone
Concen: 48.30 ug/L
RT: 2.668 min Scan# 413
Delta R.T. -0.022 min
Lab File: VU043276.D
Acq: 22 Apr 2021 14:24

Tgt Ion: 43 Resp: 72934
Ion Ratio Lower Upper
43 100
58 26.2 0.0 25.0#

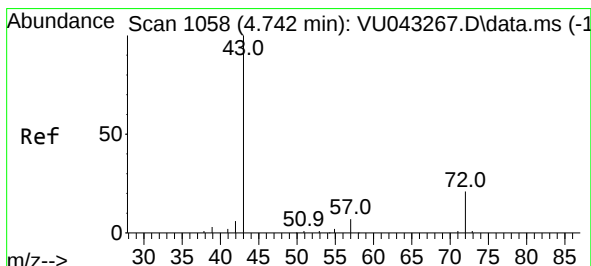
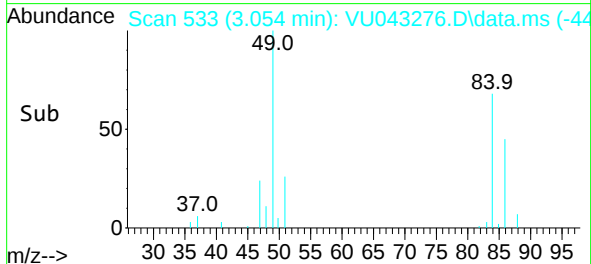
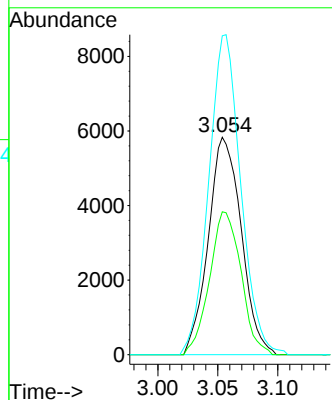
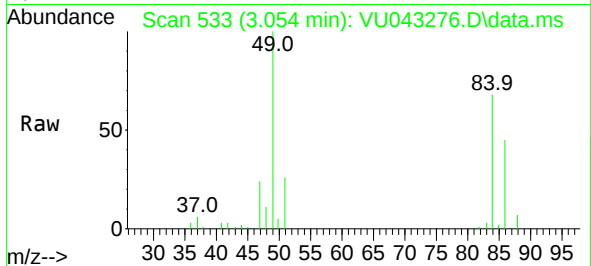




#16
Methylene chloride
Concen: 1.68 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.003 min
Lab File: VU043276.D
Acq: 22 Apr 2021 14:24

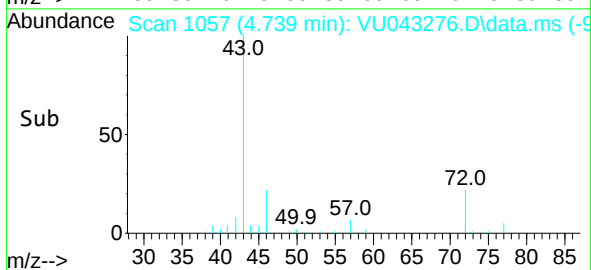
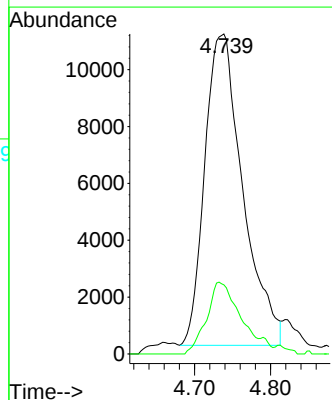
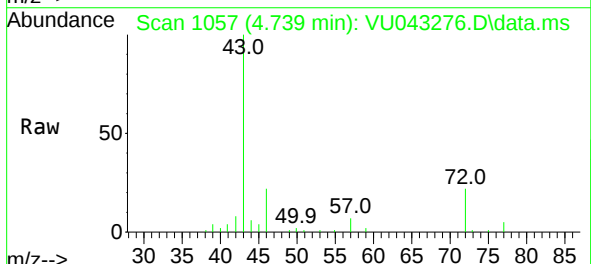
Instrument :
MSVOA_U
ClientSampleId :
H4537

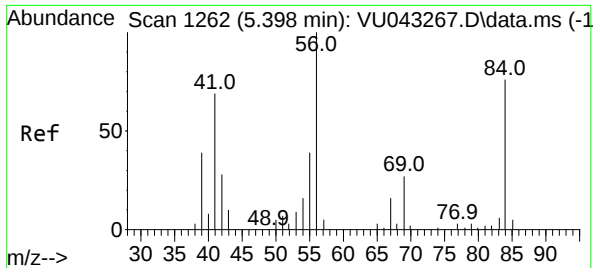
Tgt Ion: 84 Resp: 11153
Ion Ratio Lower Upper
84 100
86 65.7 44.9 83.5
49 153.8 79.0 146.8#



#21
2-Butanone
Concen: 15.26 ug/L
RT: 4.739 min Scan# 1057
Delta R.T. -0.003 min
Lab File: VU043276.D
Acq: 22 Apr 2021 14:24

Tgt Ion: 43 Resp: 38040
Ion Ratio Lower Upper
43 100
72 19.8 15.8 47.3





#30

Cyclohexane

Concen: 0.60 ug/L

RT: 5.401 min Scan# 1263

Delta R.T. 0.003 min

Lab File: VU043276.D

Acq: 22 Apr 2021 14:24

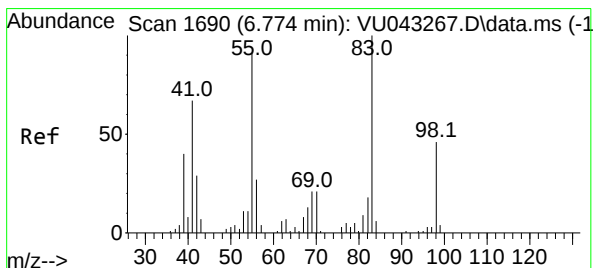
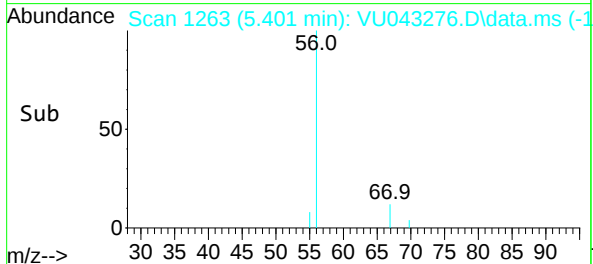
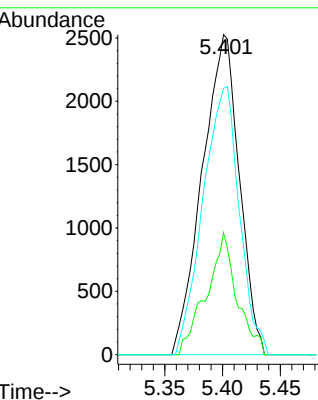
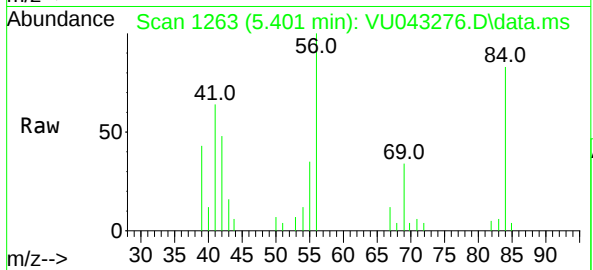
Tgt Ion: 56 Resp: 5635

Ion Ratio Lower Upper

56 100

69 31.5 25.2 37.8

84 82.2 76.2 114.4



#35

Methylcyclohexane

Concen: 0.91 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.077 min

Lab File: VU043276.D

Acq: 22 Apr 2021 14:24

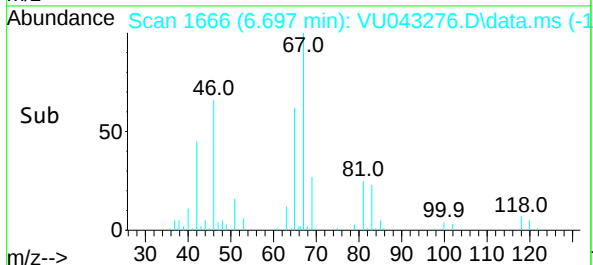
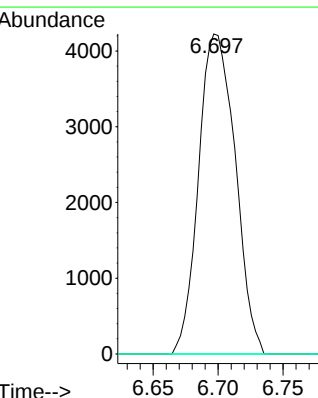
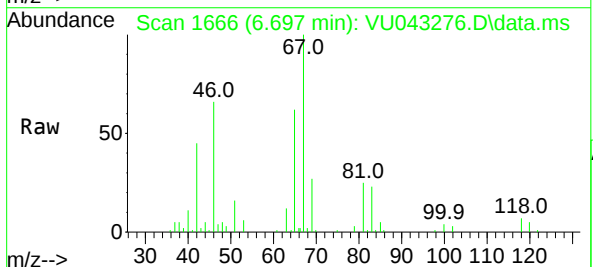
Tgt Ion: 83 Resp: 8292

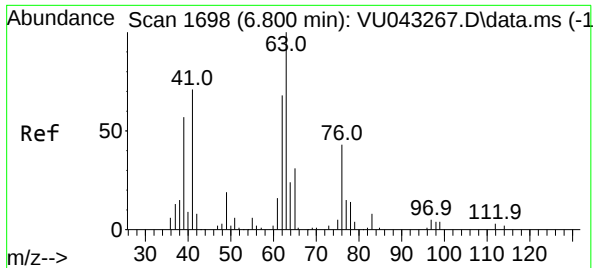
Ion Ratio Lower Upper

83 100

55 0.0 59.5 89.3#

98 0.2 37.9 56.9#

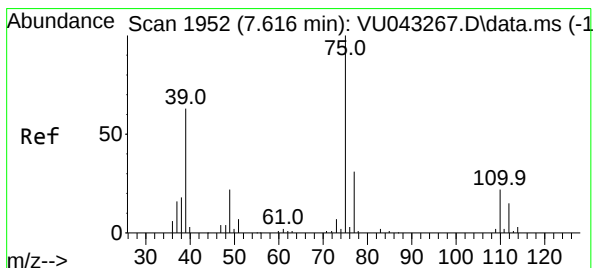
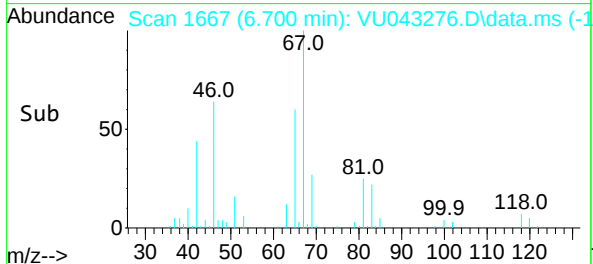
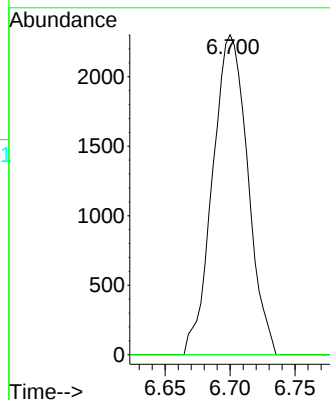
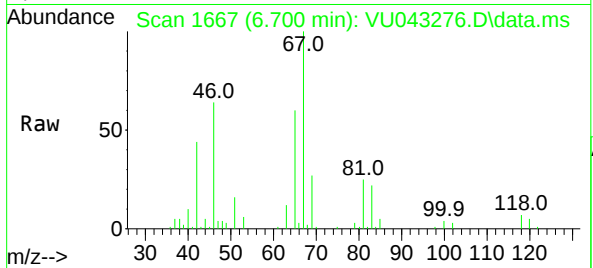




#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043276.D
Acq: 22 Apr 2021 14:24

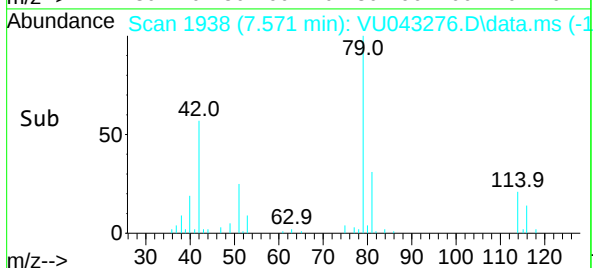
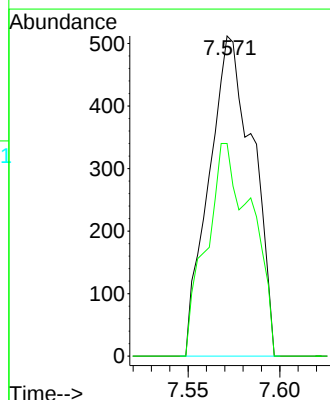
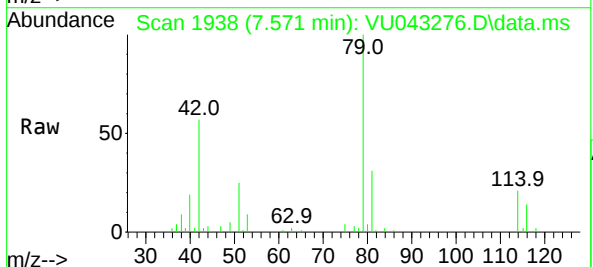
Instrument :
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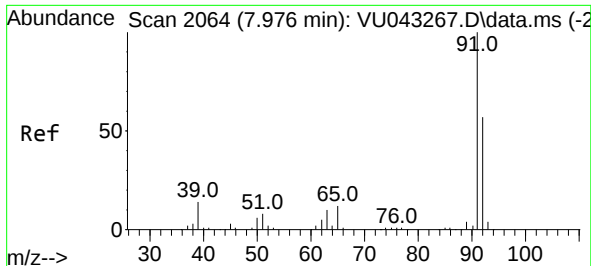
Tgt Ion: 63 Resp: 4335
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043276.D
Acq: 22 Apr 2021 14:24

Tgt Ion: 75 Resp: 853
Ion Ratio Lower Upper
75 100
77 66.4 21.8 40.6#

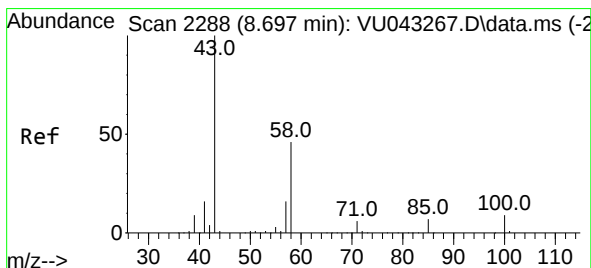
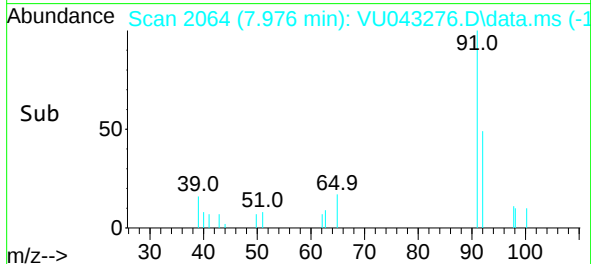
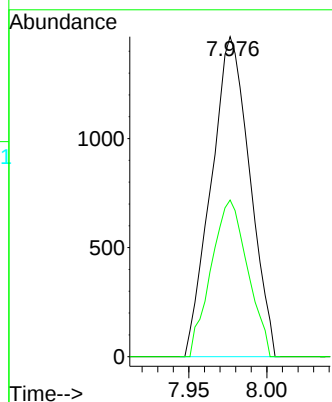
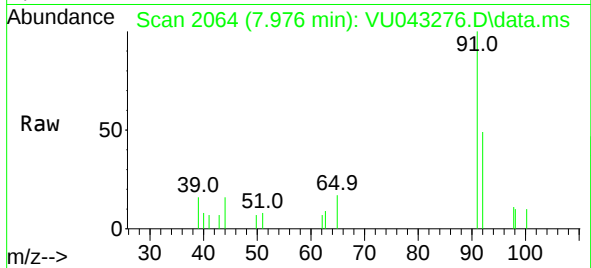




#42
Toluene
Concen: 0.09 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU043276.D
Acq: 22 Apr 2021 14:24

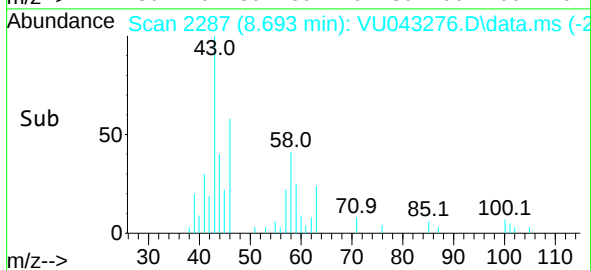
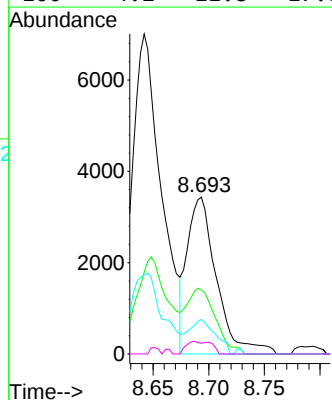
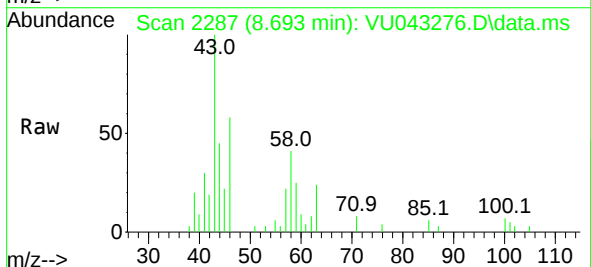
Instrument :
MSVOA_U
ClientSampled :
H4537

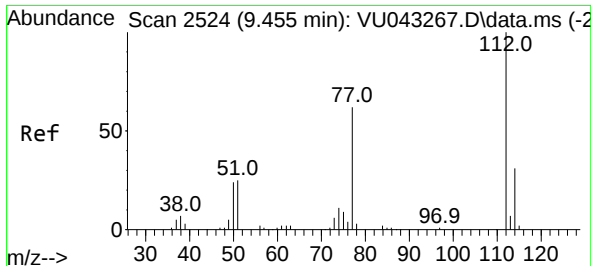
Tgt Ion: 91 Resp: 2520
Ion Ratio Lower Upper
91 100
92 48.9 40.9 76.0



#48
2-Hexanone
Concen: 1.43 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043276.D
Acq: 22 Apr 2021 14:24

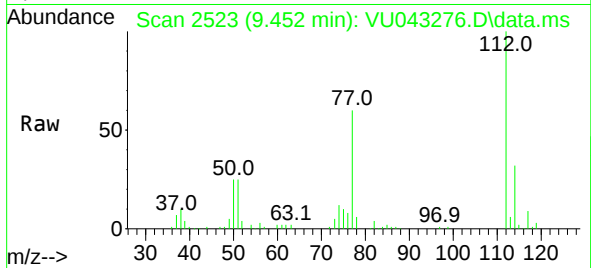
Tgt Ion: 43 Resp: 6297
Ion Ratio Lower Upper
43 100
58 41.5 50.0 75.0#
57 19.0 17.4 26.0
100 4.2 11.8 17.8#



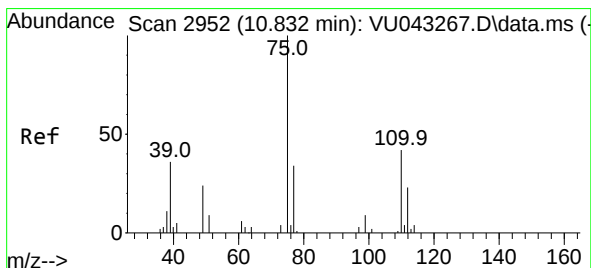
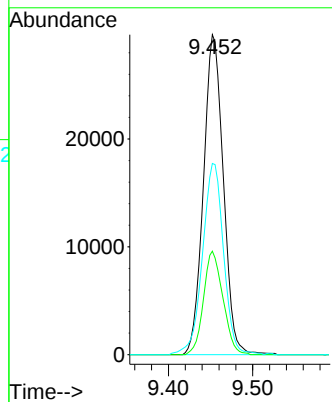
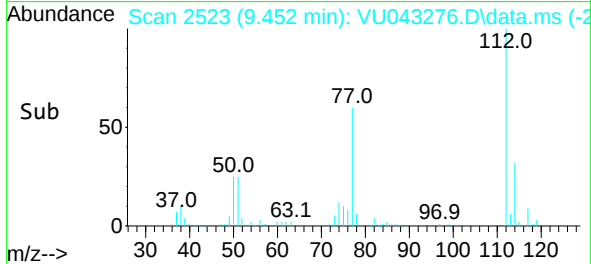


#51
Chlorobenzene
Concen: 2.88 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043276.D
Acq: 22 Apr 2021 14:24

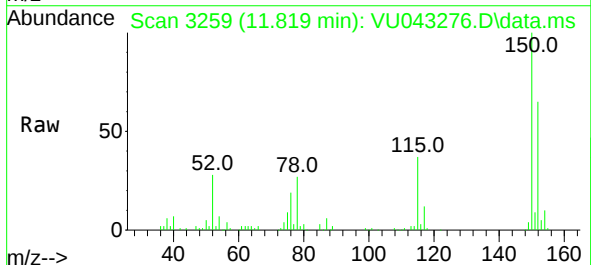
Instrument :
MSVOA_U
ClientSampleId :
H4537



Tgt Ion:112 Resp: 48894
Ion Ratio Lower Upper
112 100
114 32.3 21.9 40.7
77 59.7 45.1 67.7



#61
1,2,3-Trichloropropane
Concen: 1.36 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.987 min
Lab File: VU043276.D
Acq: 22 Apr 2021 14:24



Tgt Ion: 75 Resp: 5901
Ion Ratio Lower Upper
75 100
110 2.4 31.5 47.3#
77 38.2 26.3 39.5

