

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046334.D
 Acq On : 13 Dec 2021 22:20
 Operator : SY/MD
 Sample : M5023-08ME
 Misc : 6.34g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 03:44:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

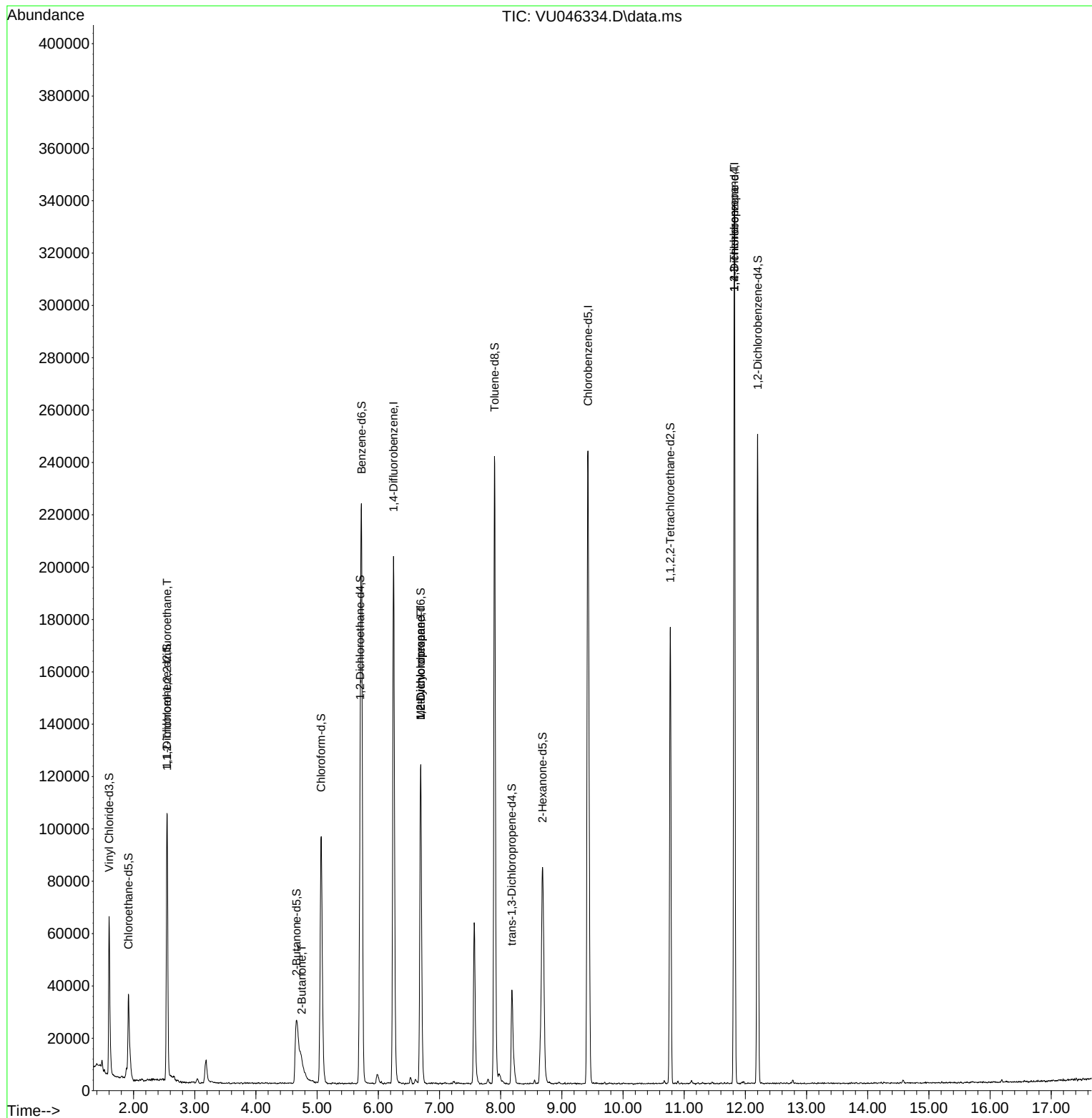
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	178163	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	185263	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	87673	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	55366	37.725	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.460%
7) Chloroethane-d5	1.916	69	35964	31.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.840%#
11) 1,1-Dichloroethene-d2	2.546	63	64549	24.500	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.000%#
21) 2-Butanone-d5	4.665	46	75466	64.684	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	64.680%
24) Chloroform-d	5.067	84	94495	38.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.120%
26) 1,2-Dichloroethane-d4	5.703	65	66841	40.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.280%
32) Benzene-d6	5.726	84	195327	36.785	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	73.580%
36) 1,2-Dichloropropane-d6	6.694	67	61700	37.493	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	74.980%
41) Toluene-d8	7.899	98	172428	35.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.320%#
43) trans-1,3-Dichloroprop...	8.182	79	28995	36.499	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.000%
47) 2-Hexanone-d5	8.684	63	54609	69.988	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.990%
56) 1,1,2,2-Tetrachloroeth...	10.774	84	90928	36.434	ug/L	0.02
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.860%
66) 1,2-Dichlorobenzene-d4	12.201	152	63692	37.723	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.440%#
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	522	0.403	ug/L #	21
22) 2-Butanone	4.748	43	11219	7.068	ug/L	79
35) Methylcyclohexane	6.694	83	15206	6.639	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	6976	4.749	ug/L #	86
60) 1,2,3-Trichloropropane	11.819	75	10951	5.698	ug/L #	64

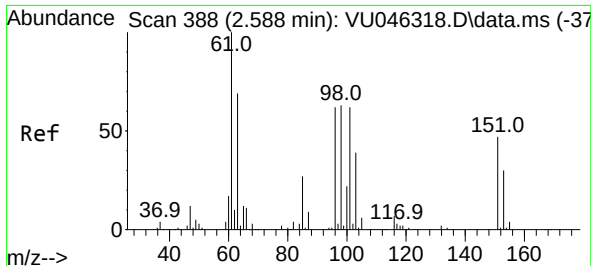
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 14 03:19:41 2021
Response via : Initial Calibration

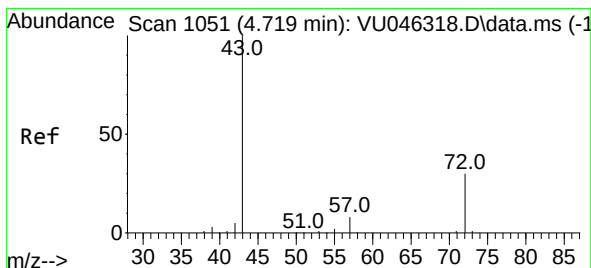
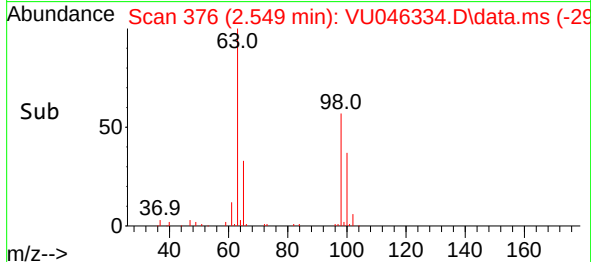
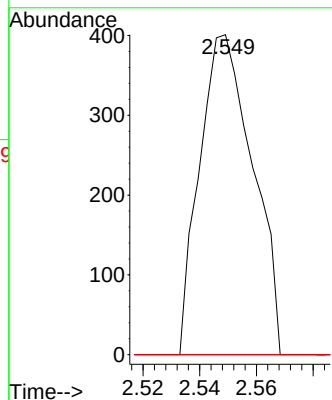
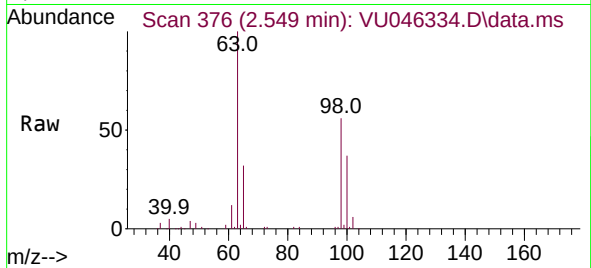




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.403 ug/L
RT: 2.549 min Scan# 31
Delta R.T. -0.039 min
Lab File: VU046334.D
Acq: 13 Dec 2021 22:20

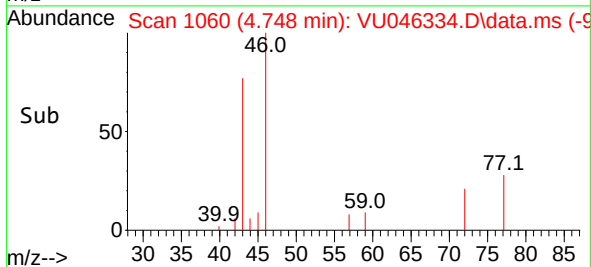
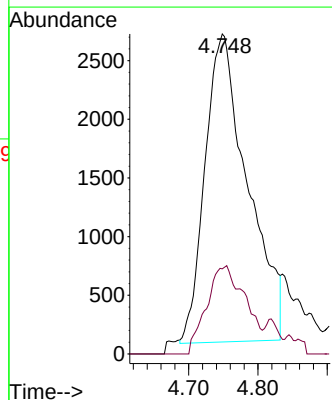
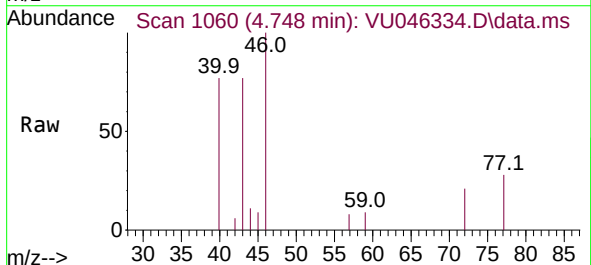
Instrument :
MSVOA_W
ClientSampleId :

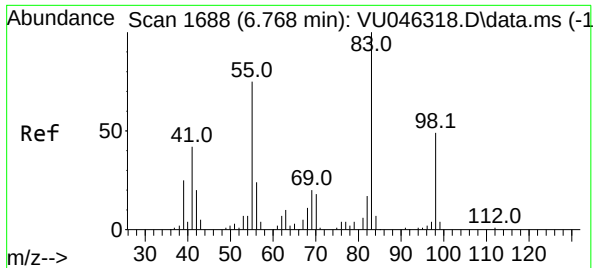
Tgt Ion:101 Resp: 522
Ion Ratio Lower Upper
101 100
85 0.0 35.1 52.7#
151 0.0 56.7 85.1#



#22
2-Butanone
Concen: 7.068 ug/L
RT: 4.748 min Scan# 1060
Delta R.T. 0.029 min
Lab File: VU046334.D
Acq: 13 Dec 2021 22:20

Tgt Ion: 43 Resp: 11219
Ion Ratio Lower Upper
43 100
72 18.0 14.5 43.6

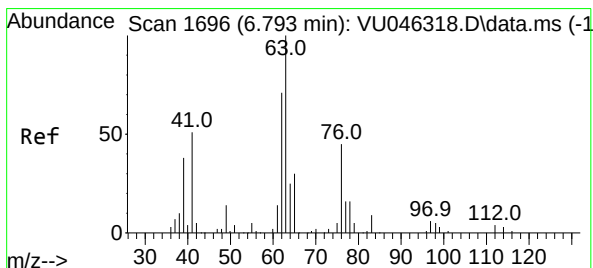
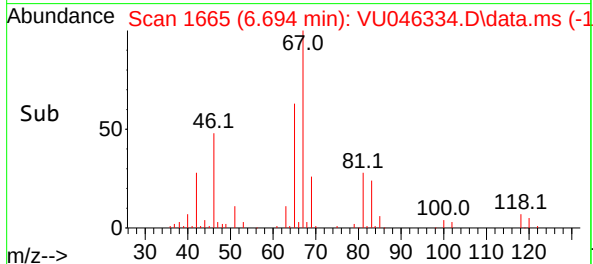
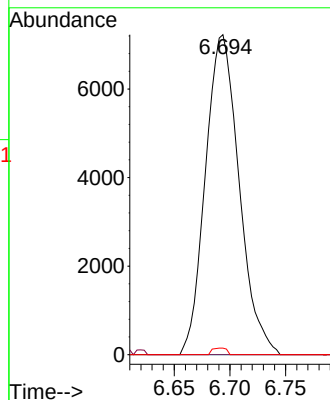
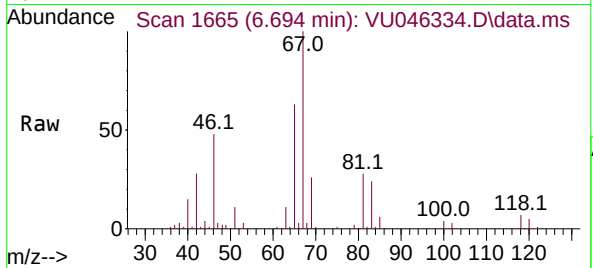




#35
Methylcyclohexane
Concen: 6.639 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046334.D
Acq: 13 Dec 2021 22:20

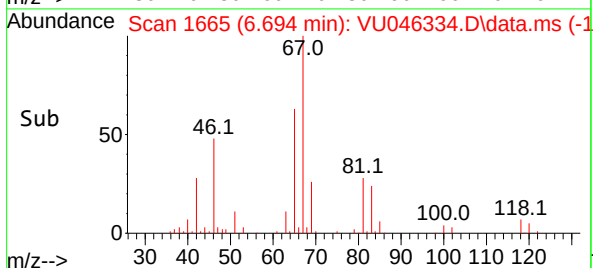
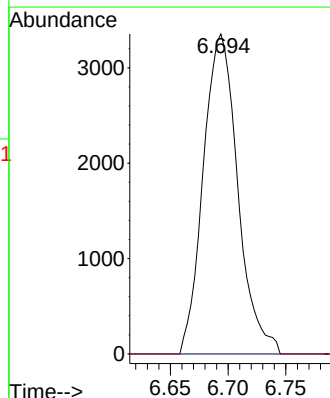
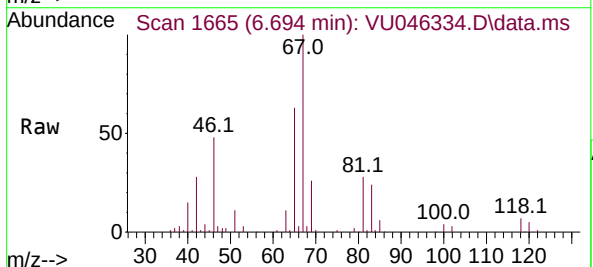
Instrument :
MSVOA_W
ClientSampleId :

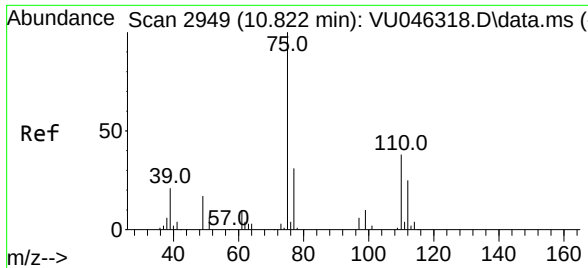
Tgt Ion: 83 Resp: 15206
Ion Ratio Lower Upper
83 100
55 0.4 57.8 86.6#
98 0.9 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 4.749 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046334.D
Acq: 13 Dec 2021 22:20

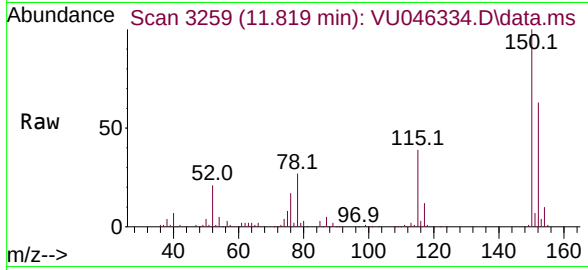
Tgt Ion: 63 Resp: 6976
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#60
 1,2,3-Trichloropropane
 Concen: 5.698 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.997 min
 Lab File: VU046334.D
 Acq: 13 Dec 2021 22:20

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 10951
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.4 39.6
 110 2.2 32.4 48.6#

