

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046328.D
 Acq On : 13 Dec 2021 20:05
 Operator : SY/MD
 Sample : M5062-19ME
 Misc : 8.07g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 03:42:55 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)

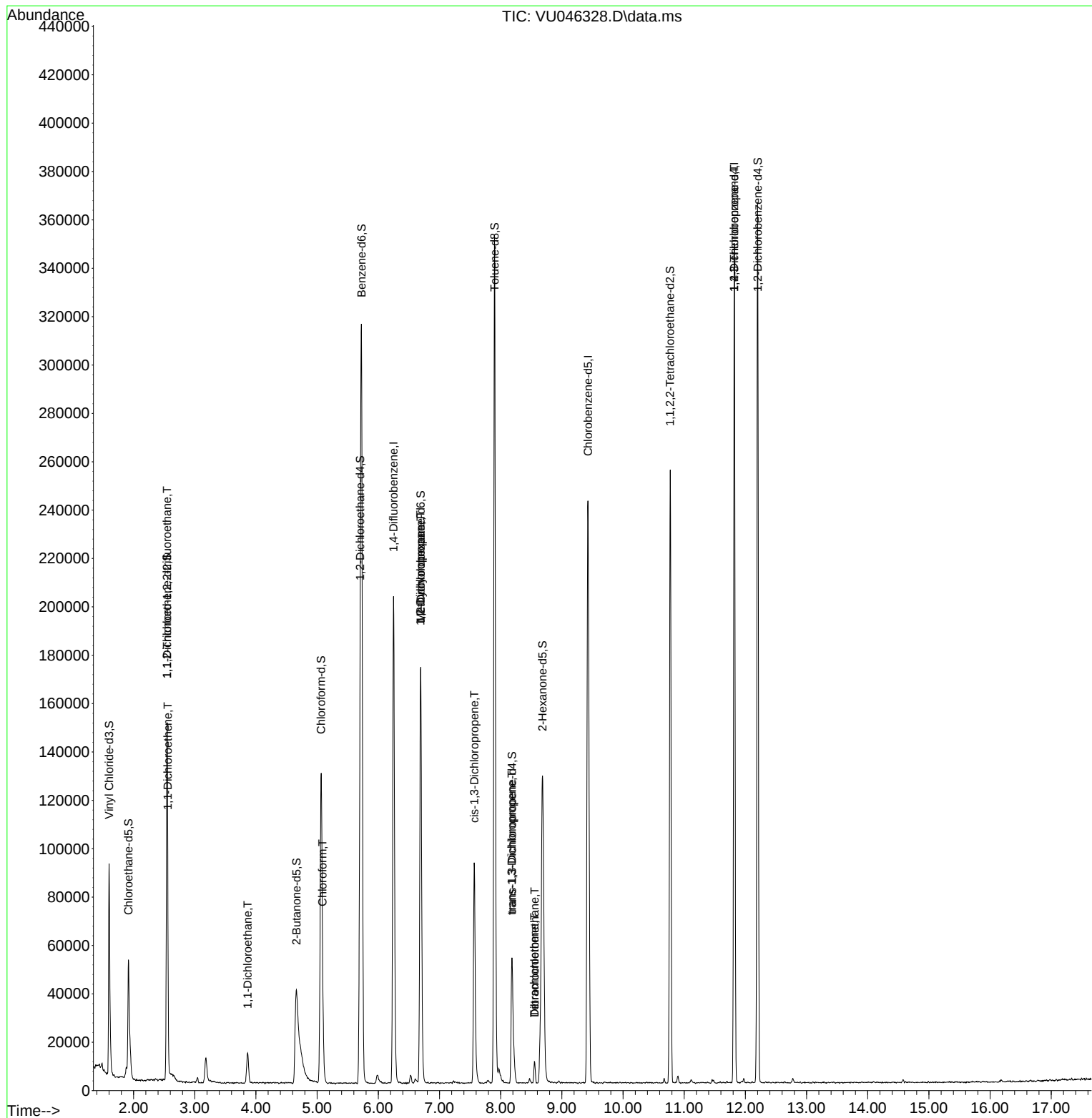
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	176054	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	183279	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	87544	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	78881	54.392	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.780%
7) Chloroethane-d5	1.916	69	54160	48.640	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.280%
11) 1,1-Dichloroethene-d2	2.549	63	93291	35.834	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.660%
21) 2-Butanone-d5	4.662	46	111324	96.562	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.560%
24) Chloroform-d	5.064	84	125945	52.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.703	65	92771	57.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.160%
32) Benzene-d6	5.726	84	278500	53.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.040%
36) 1,2-Dichloropropane-d6	6.694	67	89599	55.035	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.080%
41) Toluene-d8	7.899	98	247922	51.835	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.660%
43) trans-1,3-Dichloroprop...	8.186	79	43726	55.638	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.280%
47) 2-Hexanone-d5	8.684	63	83189	107.771	ug/L	0.05
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.770%
56) 1,1,2,2-Tetrachloroeth...	10.771	84	131129	53.111	ug/L	0.01
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.220%
66) 1,2-Dichlorobenzene-d4	12.201	152	92924	55.117	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.240%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.549	101	673	0.525	ug/L #	21
12) 1,1-Dichloroethene	2.559	96	1599	1.314	ug/L #	1
19) 1,1-Dichloroethane	3.864	63	15016	6.411	ug/L	97
25) Chloroform	5.089	83	15492	5.953	ug/L	98
35) Methylcyclohexane	6.694	83	21538	9.505	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10073	6.932	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	2494	1.128	ug/L #	73
44) trans-1,3-Dichloropropene	8.182	75	1964	0.905	ug/L	84
46) Tetrachloroethene	8.552	164	2088	1.944	ug/L	91
49) Dibromochloromethane	8.555	129	1918	1.253	ug/L #	10
60) 1,2,3-Trichloropropane	11.819	75	10906	5.683	ug/L #	65

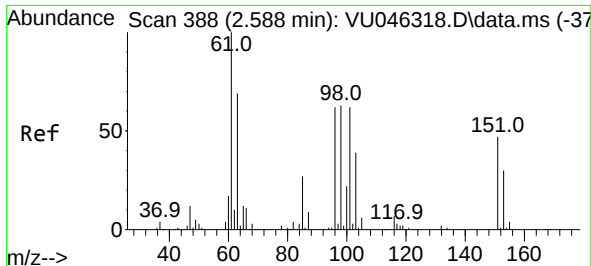
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 14 03:19:41 2021
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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.525 ug/L

RT: 2.549 min Scan# 31

Delta R.T. -0.039 min

Lab File: VU046328.D

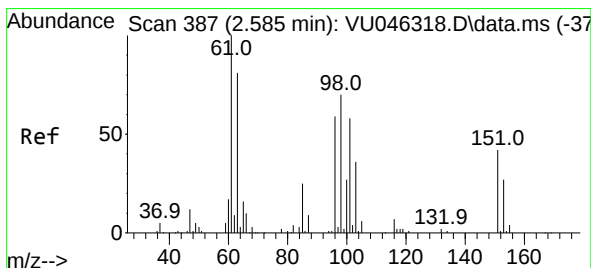
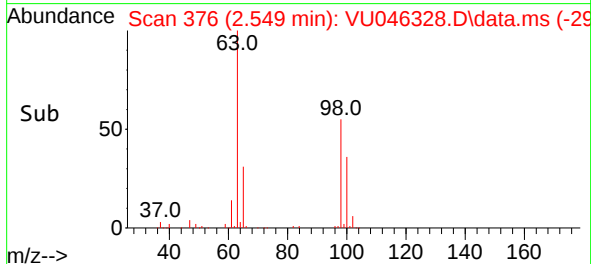
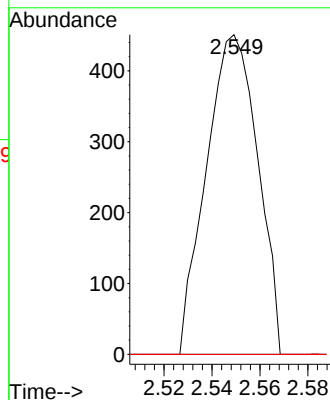
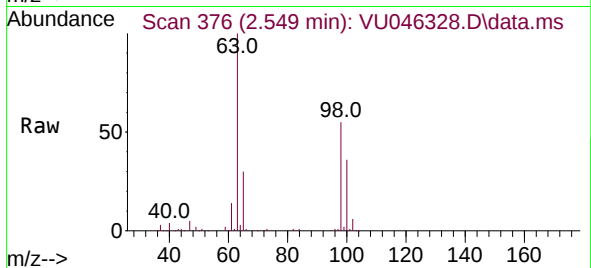
Acq: 13 Dec 2021 20:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	101	Resp:	673
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#



#12

1,1-Dichloroethene

Concen: 1.314 ug/L

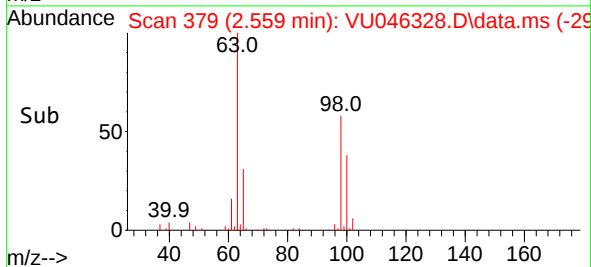
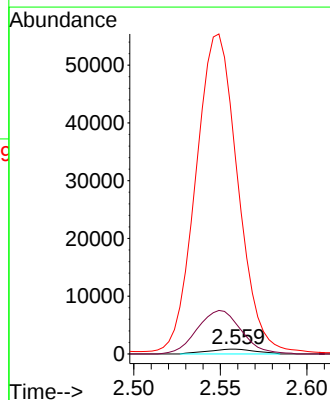
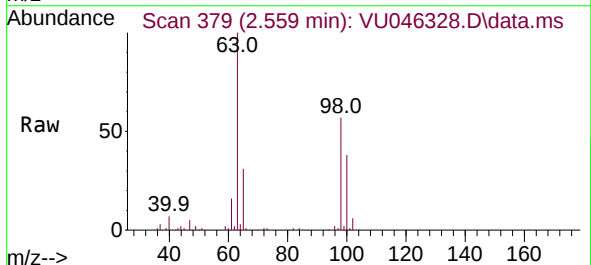
RT: 2.559 min Scan# 379

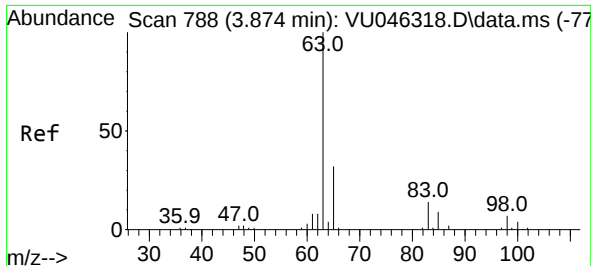
Delta R.T. -0.026 min

Lab File: VU046328.D

Acq: 13 Dec 2021 20:05

Tgt Ion:	96	Resp:	1599
Ion	Ratio	Lower	Upper
96	100		
61	642.9	118.6	220.2#
63	4055.7	93.0	172.8#





#19

1,1-Dichloroethane

Concen: 6.411 ug/L

RT: 3.864 min Scan# 71

Delta R.T. -0.010 min

Lab File: VU046328.D

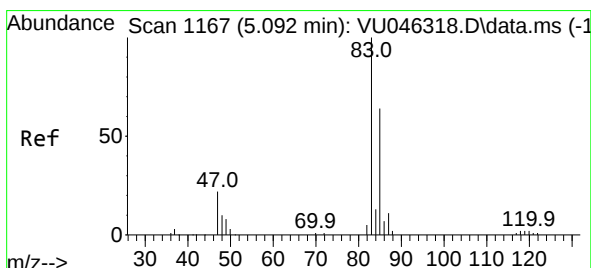
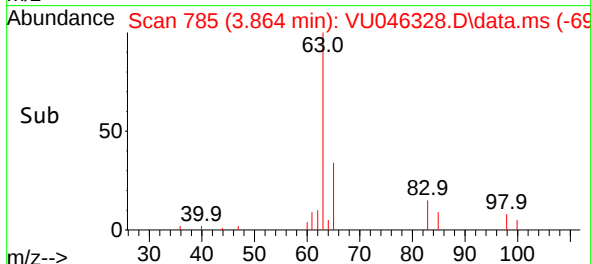
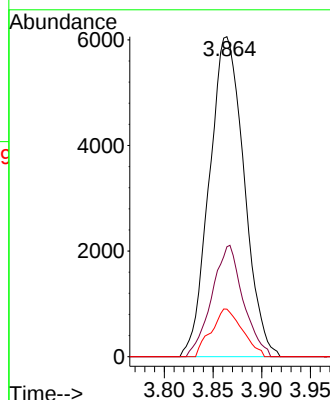
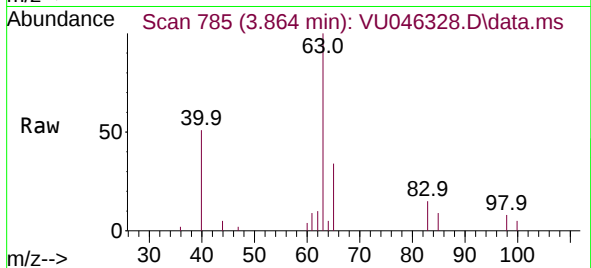
Acq: 13 Dec 2021 20:05

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	15016
Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.8	42.4
83	14.8	9.6	17.8



#25

Chloroform

Concen: 5.953 ug/L

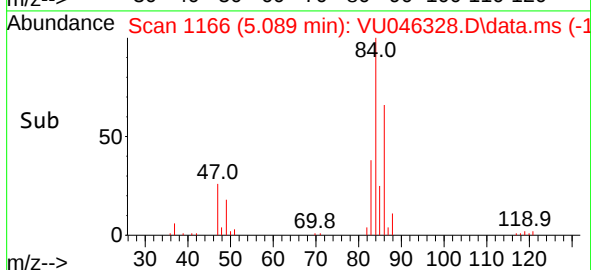
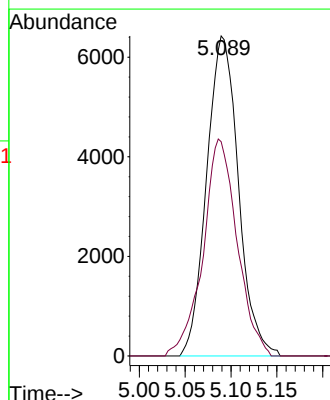
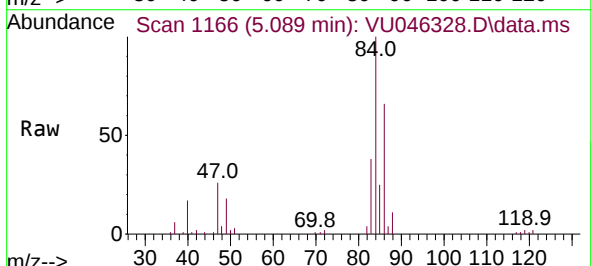
RT: 5.089 min Scan# 1166

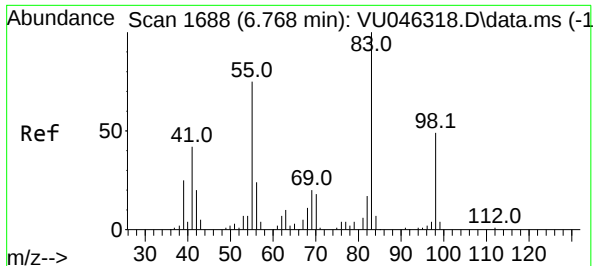
Delta R.T. -0.003 min

Lab File: VU046328.D

Acq: 13 Dec 2021 20:05

Tgt Ion:	83	Resp:	15492
Ion	Ratio	Lower	Upper
83	100		
85	66.9	45.8	85.2

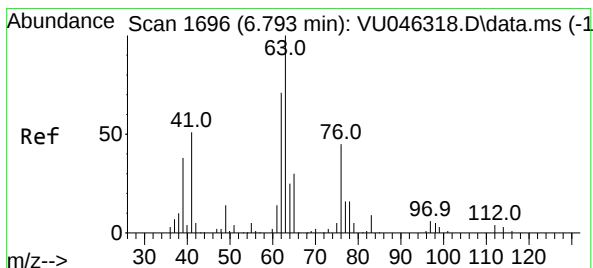
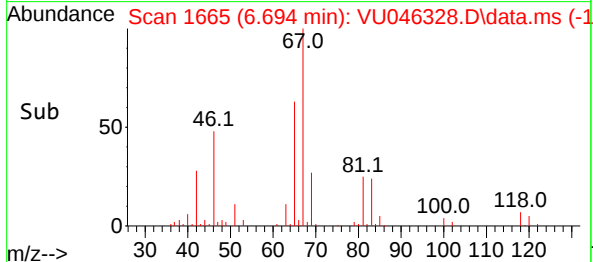
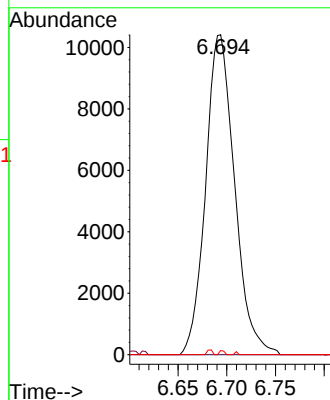
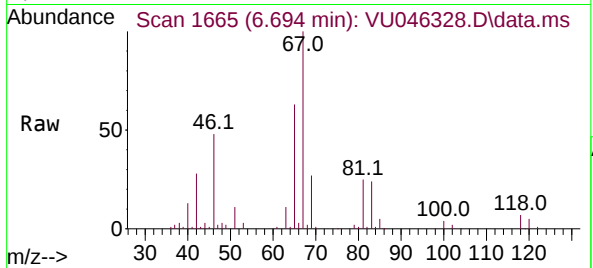




#35
Methylcyclohexane
Concen: 9.505 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU046328.D
Acq: 13 Dec 2021 20:05

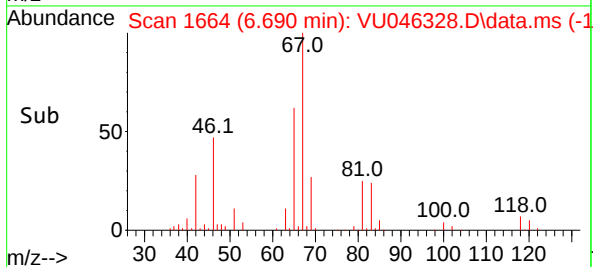
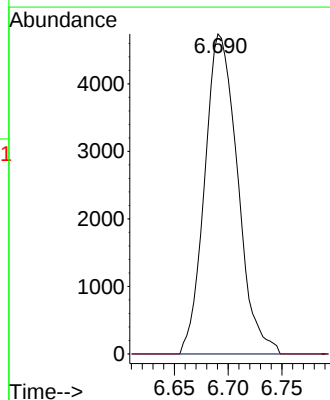
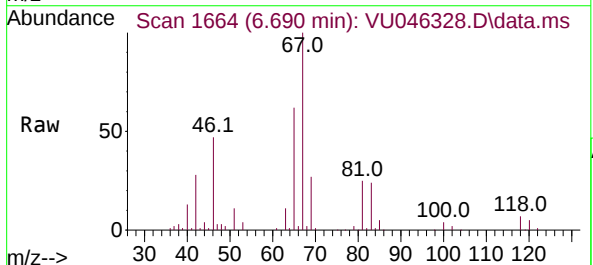
Instrument :
MSVOA_W
ClientSampleId :

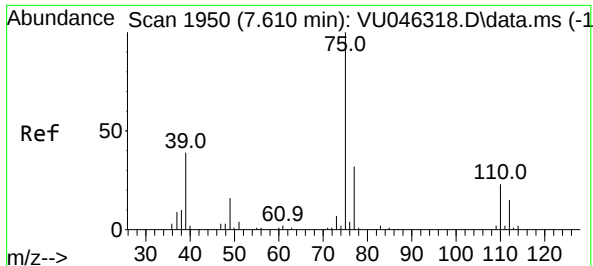
Tgt Ion: 83 Resp: 21538
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.6#
98 0.2 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 6.932 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU046328.D
Acq: 13 Dec 2021 20:05

Tgt Ion: 63 Resp: 10073
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.128 ug/L

RT: 7.571 min Scan# 19

Delta R.T. -0.039 min

Lab File: VU046328.D

Acq: 13 Dec 2021 20:05

Instrument :

MSVOA_W

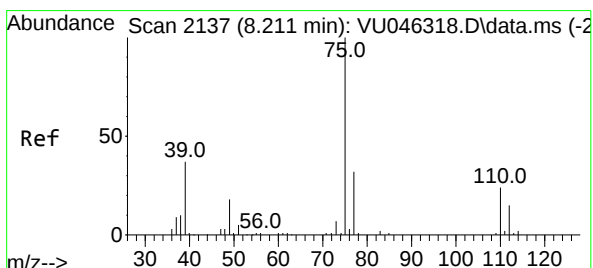
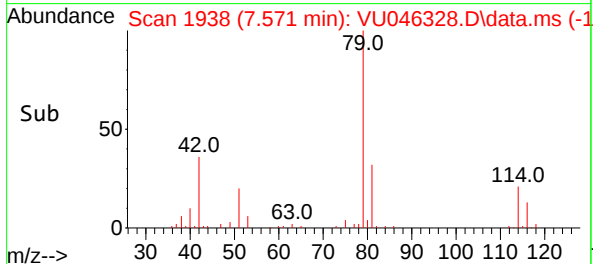
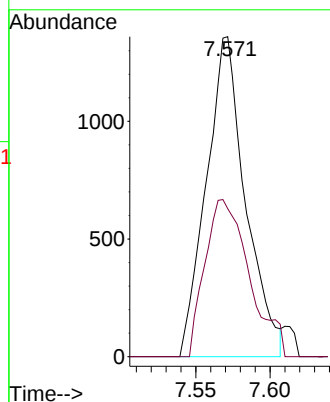
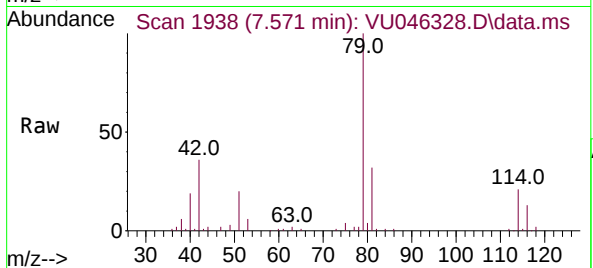
ClientSampleId :

Tgt Ion: 75 Resp: 2494

Ion Ratio Lower Upper

75 100

77 46.3 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.905 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU046328.D

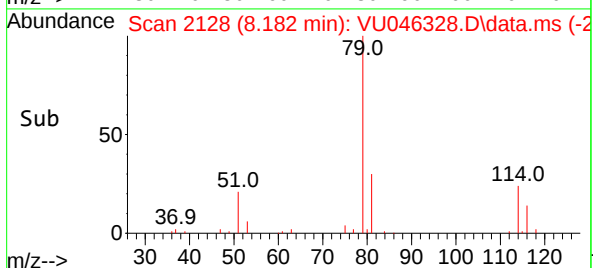
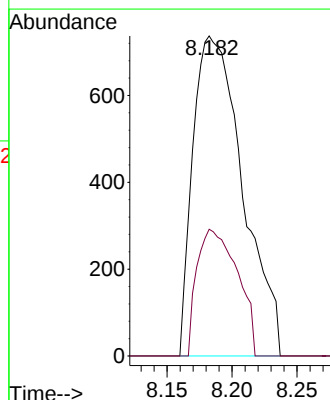
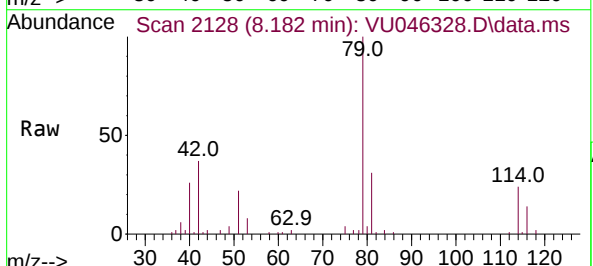
Acq: 13 Dec 2021 20:05

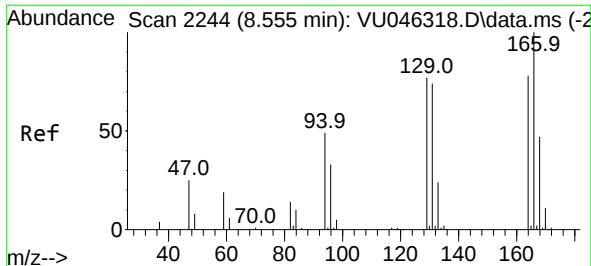
Tgt Ion: 75 Resp: 1964

Ion Ratio Lower Upper

75 100

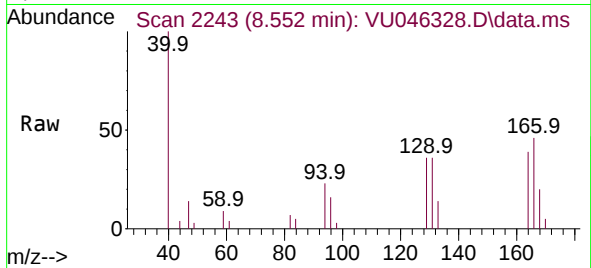
77 39.6 21.7 40.3



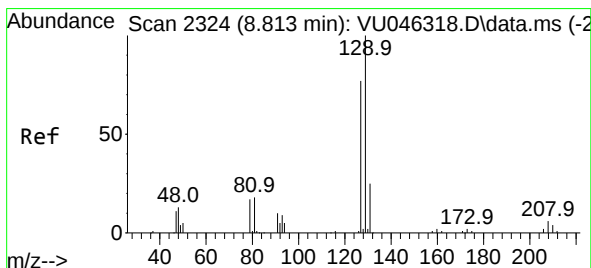
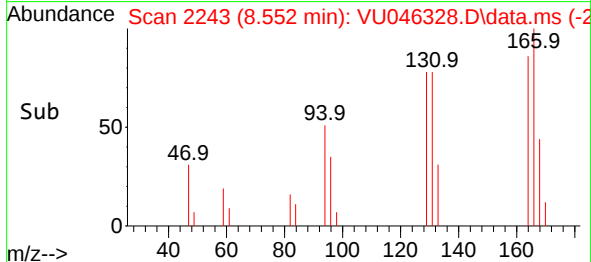
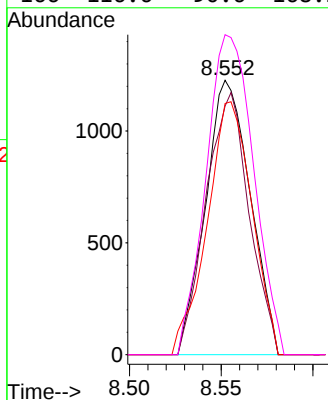


#46
Tetrachloroethene
Concen: 1.944 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046328.D
Acq: 13 Dec 2021 20:05

Instrument :
MSVOA_W
ClientSampleId :

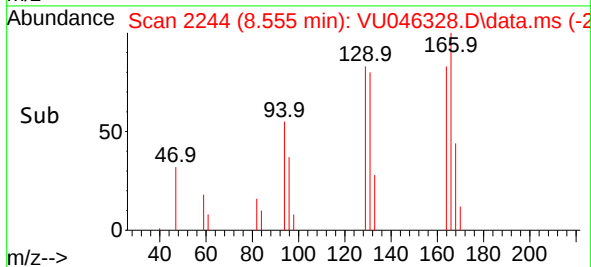
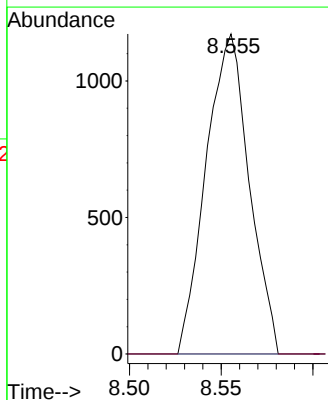
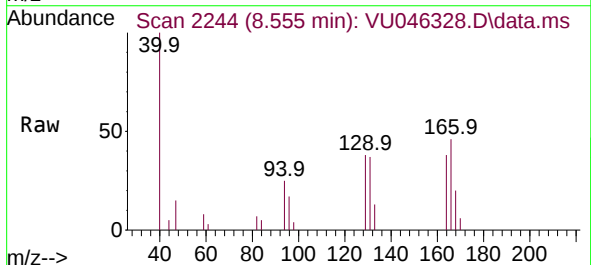


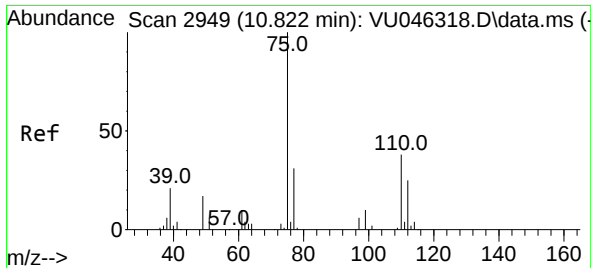
Tgt Ion:164 Resp: 2088
Ion Ratio Lower Upper
164 100
129 90.6 71.1 132.1
131 91.5 67.8 126.0
166 116.6 90.6 168.2



#49
Dibromochloromethane
Concen: 1.253 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046328.D
Acq: 13 Dec 2021 20:05

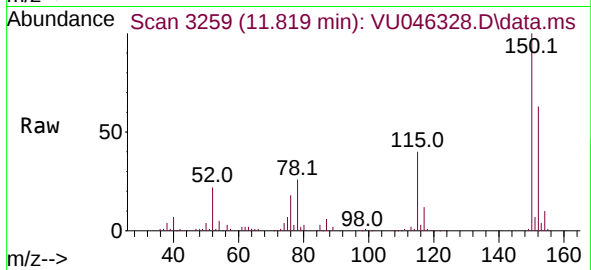
Tgt Ion:129 Resp: 1918
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#





#60
 1,2,3-Trichloropropane
 Concen: 5.683 ug/L
 RT: 11.819 min Scan# 31
 Delta R.T. 0.997 min
 Lab File: VU046328.D
 Acq: 13 Dec 2021 20:05

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 10906
 Ion Ratio Lower Upper
 75 100
 77 34.8 26.4 39.6
 110 2.3 32.4 48.6#

