

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100721\
 Data File : VU045207.D
 Acq On : 07 Oct 2021 13:18
 Operator : SY/MD
 Sample : M4025-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 07 21:37:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 21:34:31 2021
 Response via : Initial Calibration

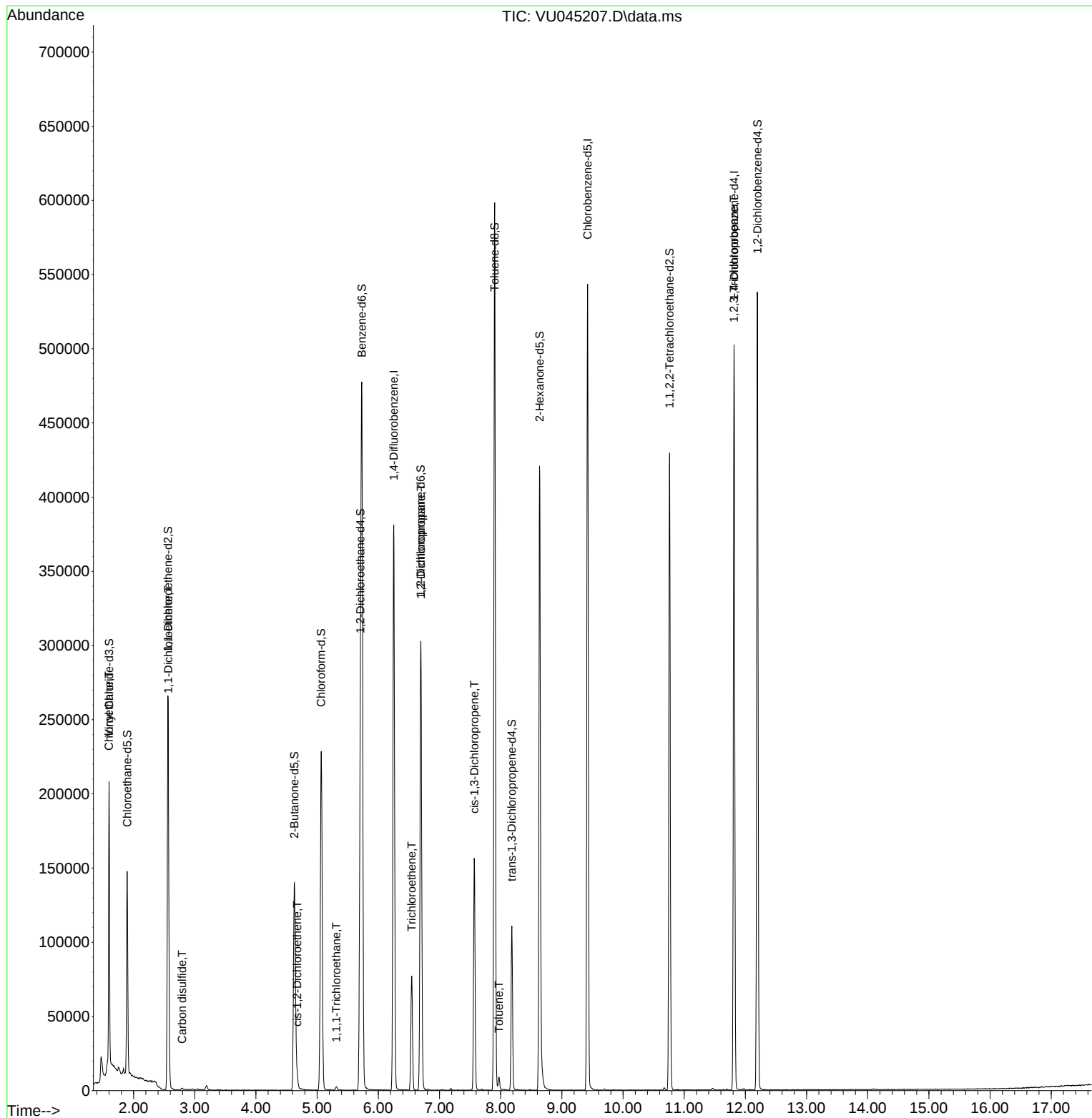
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	295384	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	281303	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	124115	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	120748	37.342	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.680%
7) Chloroethane-d5	1.896	69	103827	40.519	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.040%
11) 1,1-Dichloroethene-d2	2.562	63	161029	29.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.300%#
21) 2-Butanone-d5	4.629	46	200311	78.357	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.360%
24) Chloroform-d	5.067	84	205991	40.334	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.660%
26) 1,2-Dichloroethane-d4	5.706	65	146641	42.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.780%
32) Benzene-d6	5.732	84	422807	43.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.640%
36) 1,2-Dichloropropane-d6	6.694	67	136736	42.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.920%
41) Toluene-d8	7.902	98	378762	44.964	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.920%
43) trans-1,3-Dichloroprop...	8.182	79	58207	41.113	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.220%
47) 2-Hexanone-d5	8.636	63	146621	83.128	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.130%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	211240	42.622	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.240%
66) 1,2-Dichlorobenzene-d4	12.198	152	133381	49.380	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.760%
Target Compounds						
8) Chloroethane	1.597	64	27567	12.717	ug/L	91
12) 1,1-Dichloroethene	2.568	96	2480	1.084	ug/L #	1
14) Carbon disulfide	2.793	76	1989	0.271	ug/L #	90
20) cis-1,2-Dichloroethene	4.674	96	2694	1.015	ug/L	86
30) 1,1,1-Trichloroethane	5.314	97	1763	0.453	ug/L	99
34) Trichloroethene	6.546	95	26060	10.399	ug/L	98
37) 1,2-Dichloropropane	6.697	63	15582	5.485	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3771	0.928	ug/L #	62
42) Toluene	7.973	91	5999	0.566	ug/L	97
60) 1,2,3-Trichloropropane	11.812	75	16706	4.867	ug/L #	67

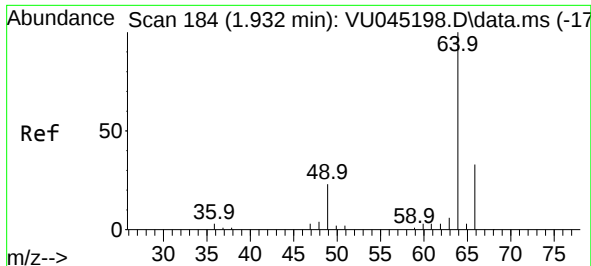
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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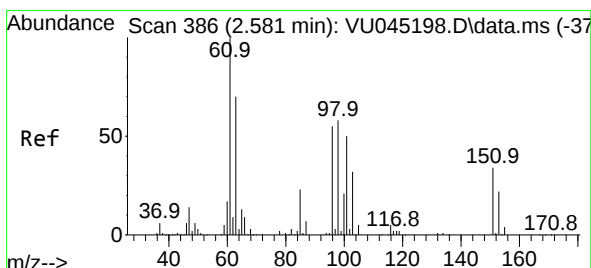
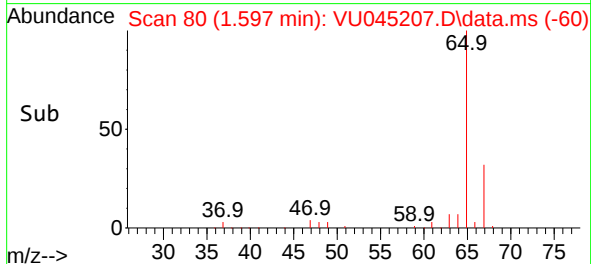
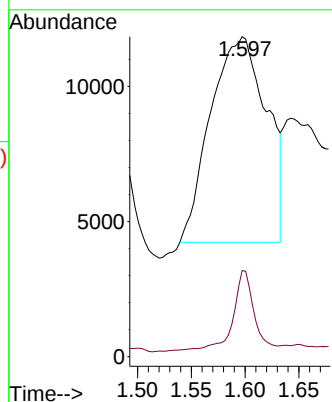
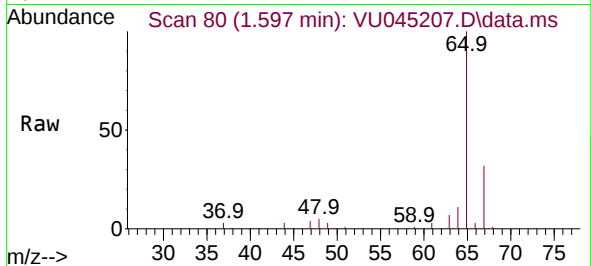




#8
Chloroethane
Concen: 12.717 ug/L
RT: 1.597 min Scan# 80
Delta R.T. -0.334 min
Lab File: VU045207.D
Acq: 07 Oct 2021 13:18

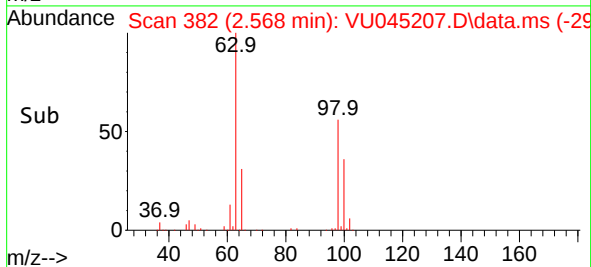
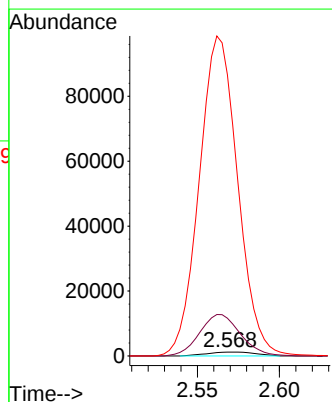
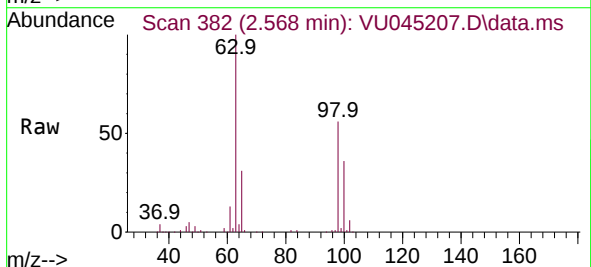
Instrument :
MSVOA_U
ClientSampled :

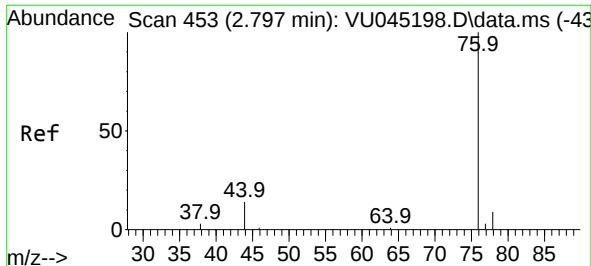
Tgt Ion: 64 Resp: 27567
Ion Ratio Lower Upper
64 100
66 26.9 22.3 41.3



#12
1,1-Dichloroethene
Concen: 1.084 ug/L
RT: 2.568 min Scan# 382
Delta R.T. -0.013 min
Lab File: VU045207.D
Acq: 07 Oct 2021 13:18

Tgt Ion: 96 Resp: 2480
Ion Ratio Lower Upper
96 100
61 995.1 131.3 243.9#
63 7400.9 102.5 190.3#

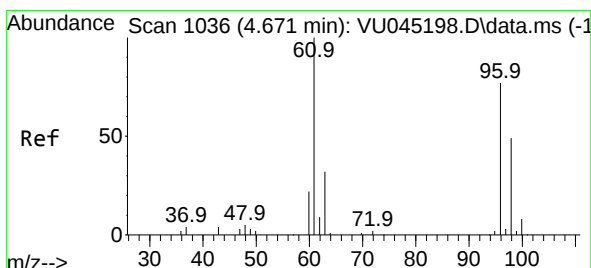
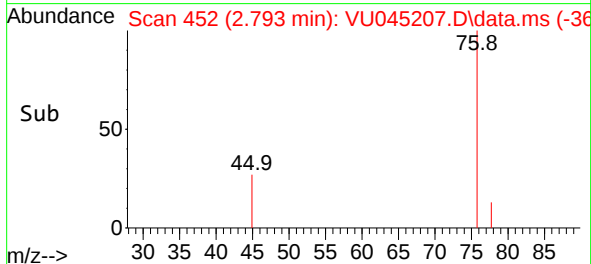
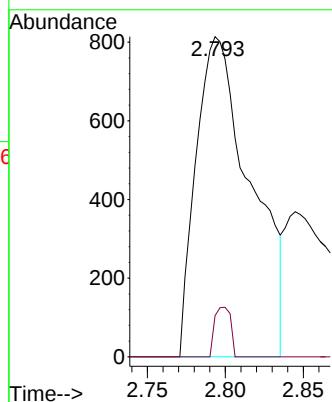
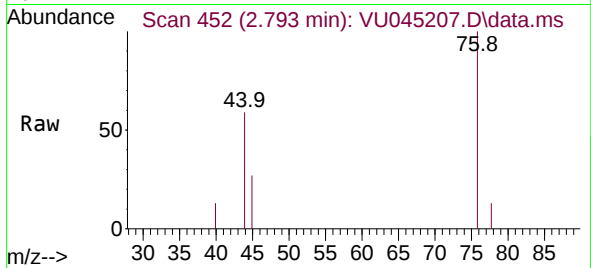




#14
Carbon disulfide
Concen: 0.271 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.003 min
Lab File: VU045207.D
Acq: 07 Oct 2021 13:18

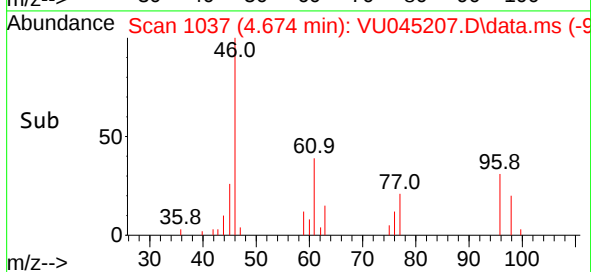
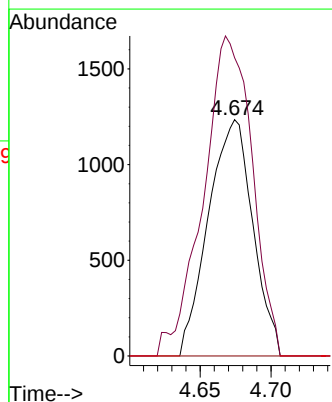
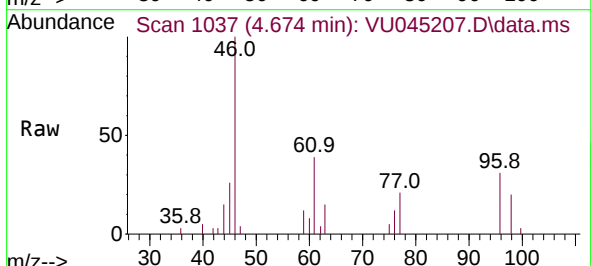
Instrument :
MSVOA_U
ClientSampled :

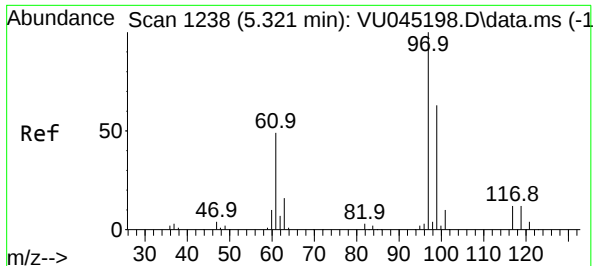
Tgt Ion: 76 Resp: 1989
Ion Ratio Lower Upper
76 100
78 12.9 7.3 10.9#



#20
cis-1,2-Dichloroethene
Concen: 1.015 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU045207.D
Acq: 07 Oct 2021 13:18

Tgt Ion: 96 Resp: 2694
Ion Ratio Lower Upper
96 100
61 126.2 100.2 186.0
68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 0.453 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.006 min

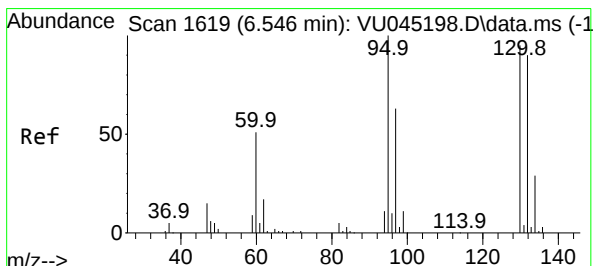
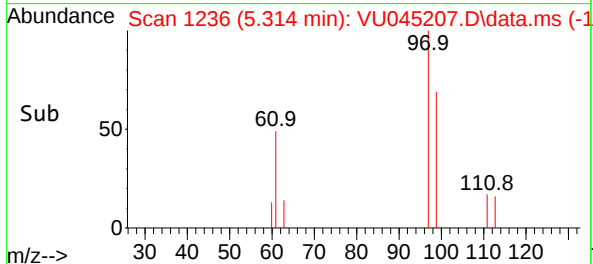
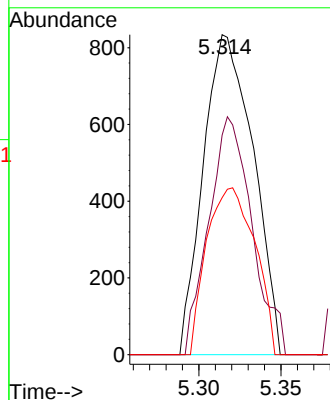
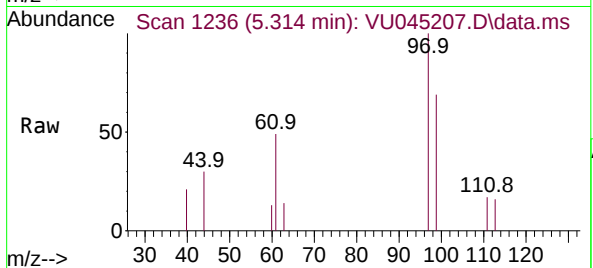
Lab File: VU045207.D

Acq: 07 Oct 2021 13:18

Tgt Ion: 97 Resp: 1763

Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.6	75.8
61	50.4	41.3	61.9

Instrument :
MSVOA_U
ClientSampleId :



#34

Trichloroethene

Concen: 10.399 ug/L

RT: 6.546 min Scan# 1619

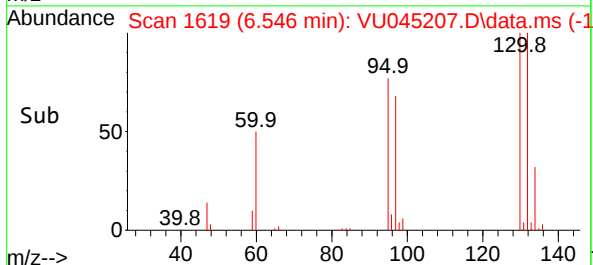
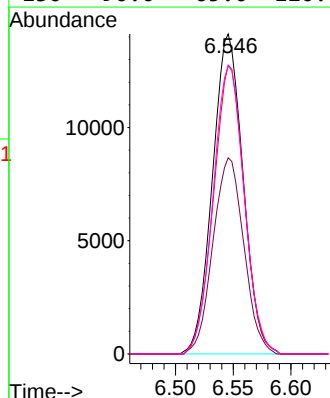
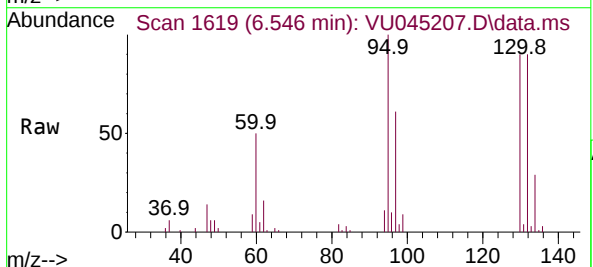
Delta R.T. 0.000 min

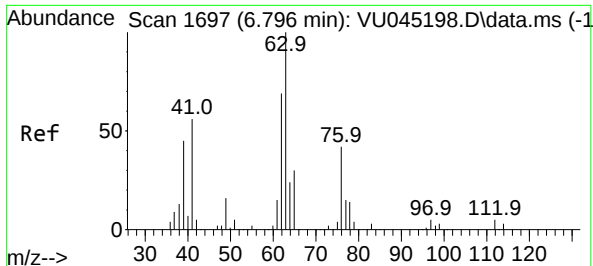
Lab File: VU045207.D

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Tgt Ion: 95 Resp: 26060

Ion	Ratio	Lower	Upper
95	100		
97	61.3	44.4	82.4
132	90.3	62.9	116.9
130	90.0	65.0	120.8



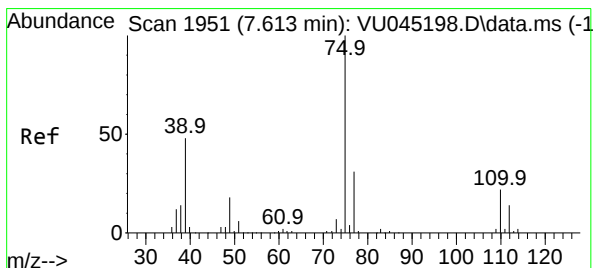
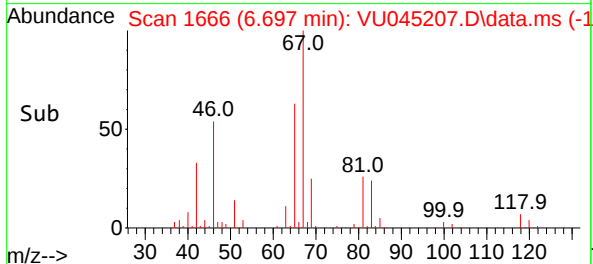
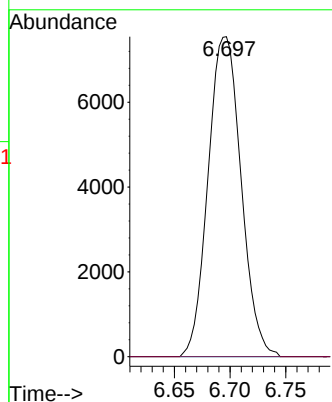
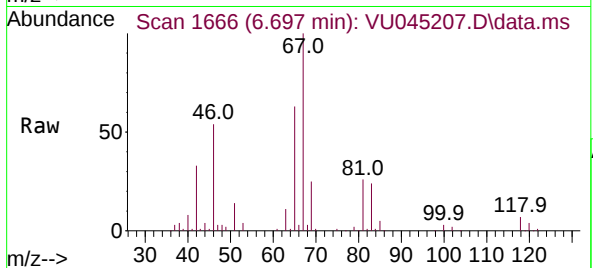


#37

1,2-Dichloropropane
Concen: 5.485 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU045207.D
Acq: 07 Oct 2021 13:18

Instrument :
MSVOA_U
ClientSampled :

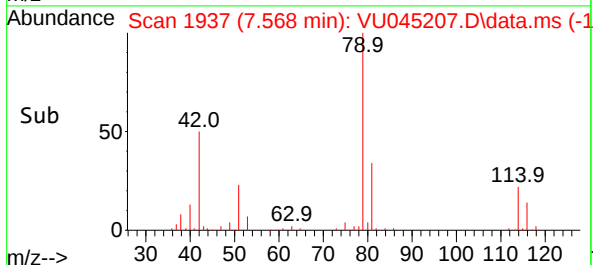
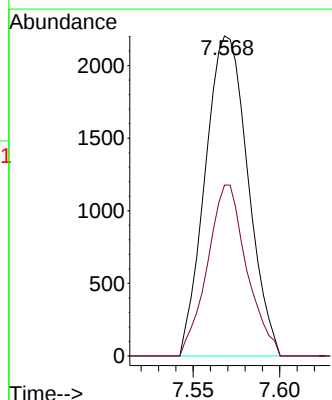
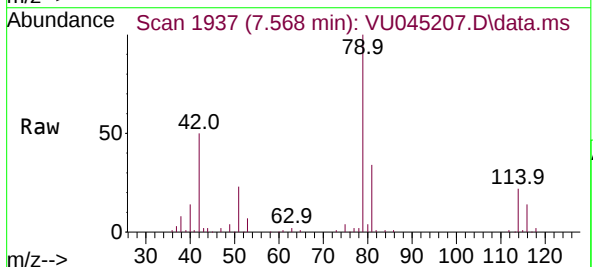
Tgt Ion: 63 Resp: 15582
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

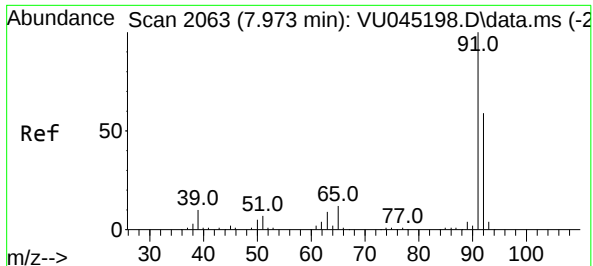


#39

cis-1,3-Dichloropropene
Concen: 0.928 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.045 min
Lab File: VU045207.D
Acq: 07 Oct 2021 13:18

Tgt Ion: 75 Resp: 3771
Ion Ratio Lower Upper
75 100
77 53.4 22.4 41.6#

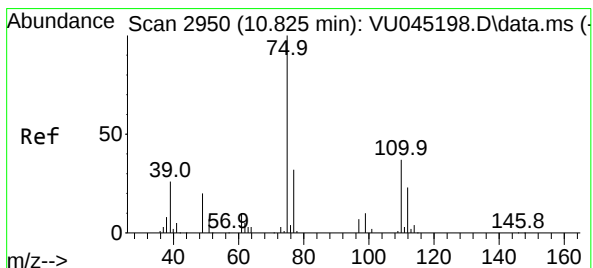
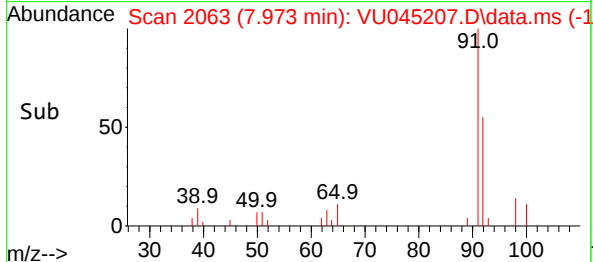
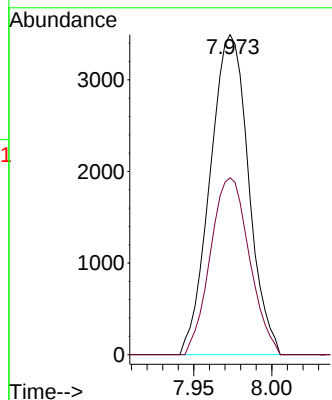
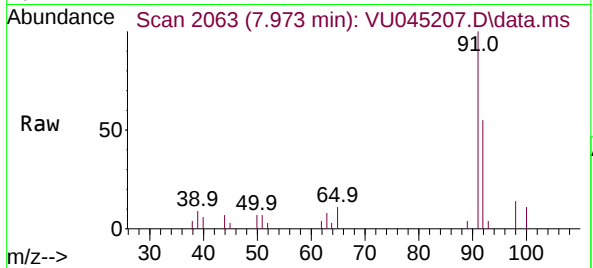




#42
Toluene
Concen: 0.566 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045207.D
Acq: 07 Oct 2021 13:18

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 91 Resp: 5999
Ion Ratio Lower Upper
91 100
92 55.3 40.5 75.1



#60
1,2,3-Trichloropropane
Concen: 4.867 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU045207.D
Acq: 07 Oct 2021 13:18

Tgt Ion: 75 Resp: 16706
Ion Ratio Lower Upper
75 100
77 34.0 25.5 38.3
110 1.7 29.0 43.4#

