

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
 Data File : VU045258.D
 Acq On : 08 Oct 2021 17:50
 Operator : SY/MD
 Sample : M4023-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ2

Manual Integrations
 APPROVED

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 10/12/2021 2:44:04 PM

Quant Time: Oct 09 05:32:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 09 05:29:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	283894	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	272834	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	120184	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	140410	45.180	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.360%		
7) Chloroethane-d5	1.890	69	111944m	45.455	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.920%		
11) 1,1-Dichloroethene-d2	2.562	63	211021	40.433	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.860%		
21) 2-Butanone-d5	4.629	46	213572	86.926	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.930%		
24) Chloroform-d	5.066	84	208746	42.528	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.060%		
26) 1,2-Dichloroethane-d4	5.706	65	150256	45.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.380%		
32) Benzene-d6	5.729	84	448405	47.364	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.720%		
36) 1,2-Dichloropropane-d6	6.693	67	143819	46.589	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.180%		
41) Toluene-d8	7.899	98	387743	47.459	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.920%		
43) trans-1,3-Dichloroprop...	8.182	79	64265	46.801	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.600%		
47) 2-Hexanone-d5	8.635	63	150422	87.930	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.930%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	214678	44.660	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.320%		
66) 1,2-Dichlorobenzene-d4	12.195	152	132972	50.839	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.680%		
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	7282	2.194	ug/L	# 1
12) 1,1-Dichloroethene	2.575	96	67697	30.793	ug/L	92
17) trans-1,2-Dichloroethene	3.356	96	3352	1.447	ug/L	91
19) 1,1-Dichloroethane	3.874	63	30531	6.337	ug/L	97
20) cis-1,2-Dichloroethene	4.668	96	710631	278.469	ug/L	96
30) 1,1,1-Trichloroethane	5.320	97	268870	71.190	ug/L	98
34) Trichloroethene	6.545	95	500824	206.054	ug/L	99
42) Toluene	7.970	91	6335	0.616	ug/L	96
45) 1,1,2-Trichloroethane	8.404	97	2685	1.075	ug/L	96

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

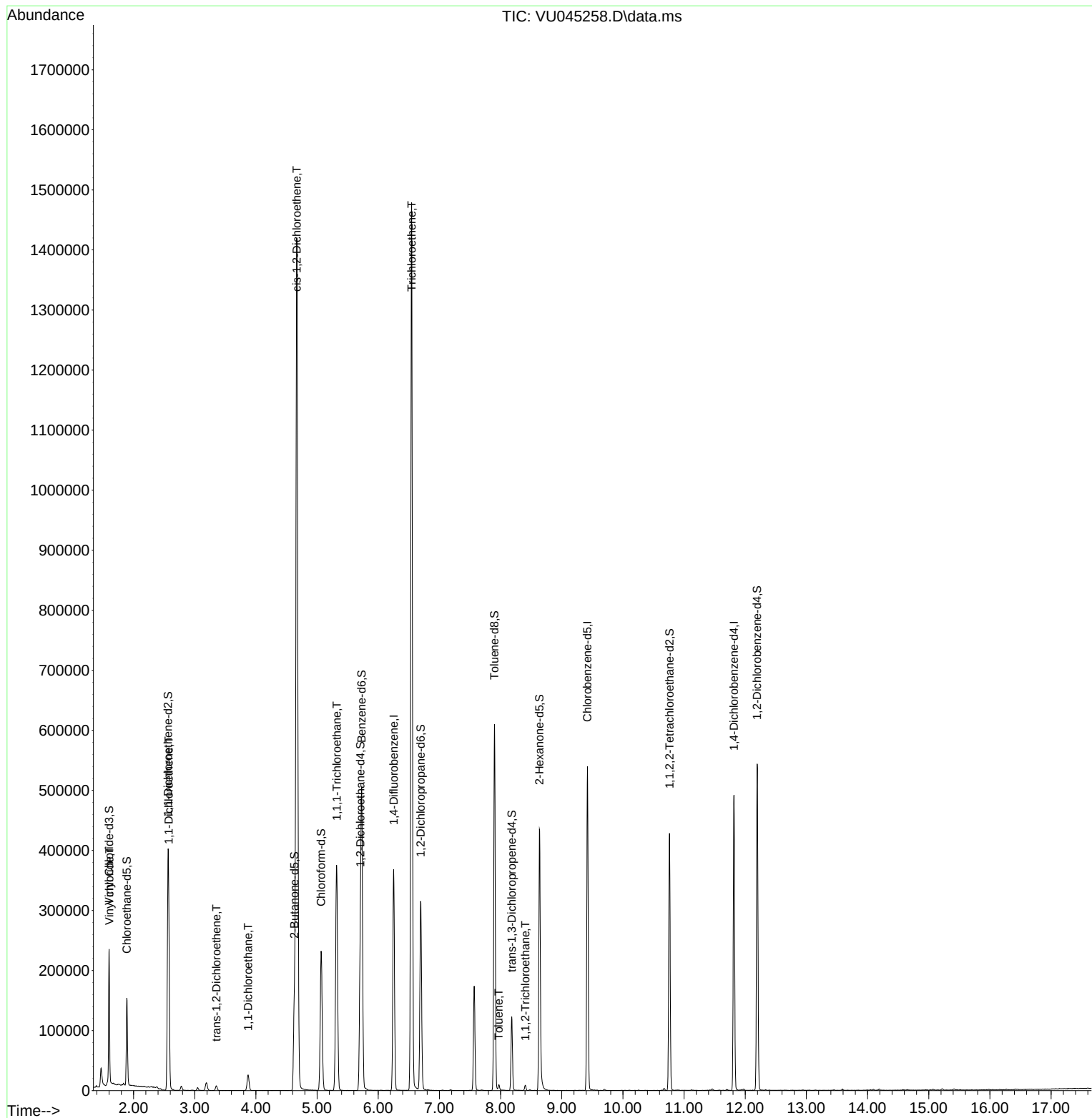
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100821\
Data File : VU045258.D
Acq On : 08 Oct 2021 17:50
Operator : SY/MD
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

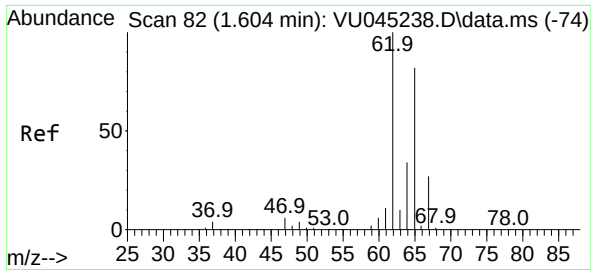
Instrument :
MSVOA_U
ClientSampleId :
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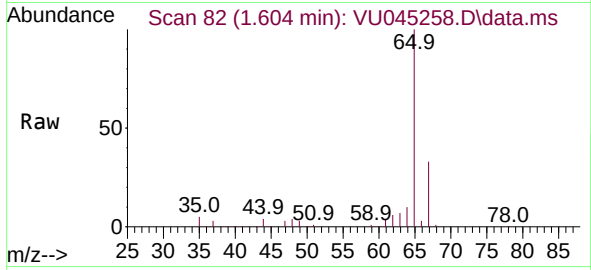
Quant Time: Oct 09 05:32:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 09 05:29:23 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 2.194 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU045258.D
 Acq: 08 Oct 2021 17:50

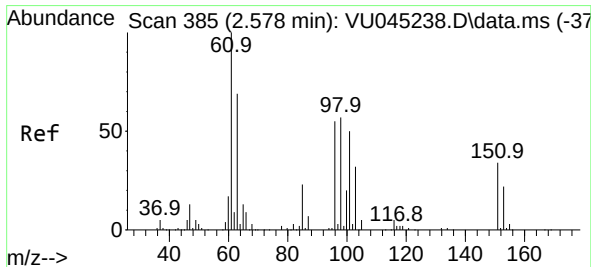
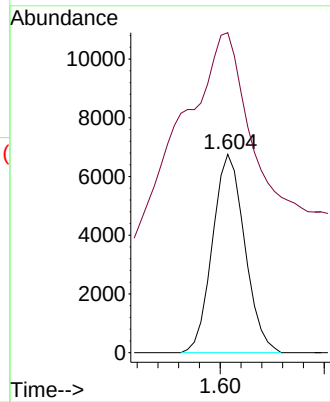
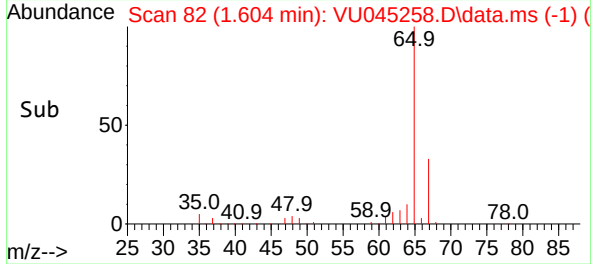
Instrument :
 MSVOA_U
 ClientSampled :
 C0AJ2



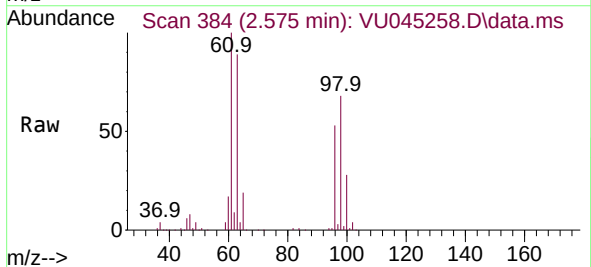
Tgt Ion: 62 Resp: 7282
 Ion Ratio Lower Upper
 62 100
 64 161.3 23.4 43.6#

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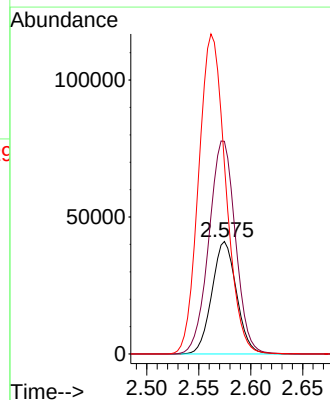
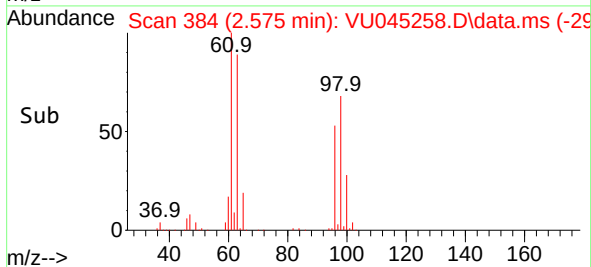
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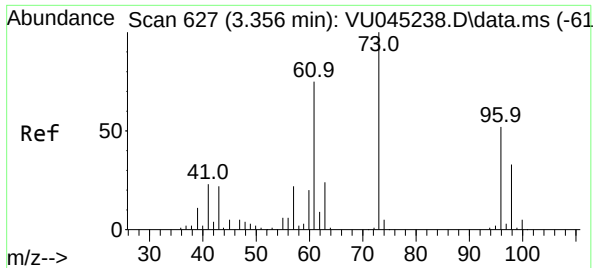


#12
 1,1-Dichloroethene
 Concen: 30.793 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU045258.D
 Acq: 08 Oct 2021 17:50

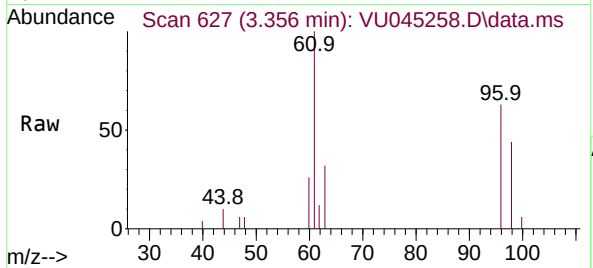


Tgt Ion: 96 Resp: 67697
 Ion Ratio Lower Upper
 96 100
 61 189.0 131.3 243.9
 63 169.0 102.5 190.3

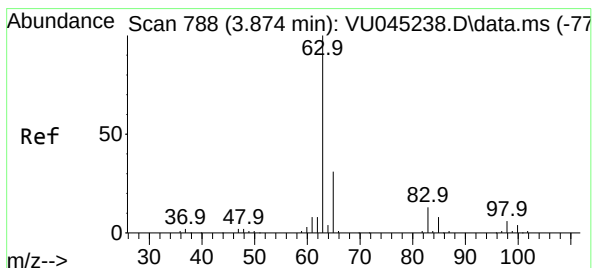
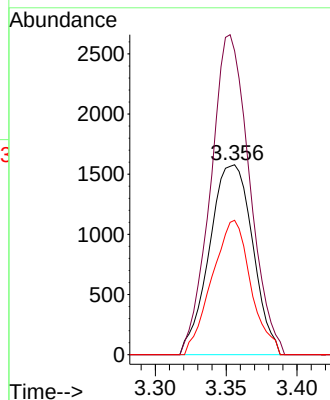
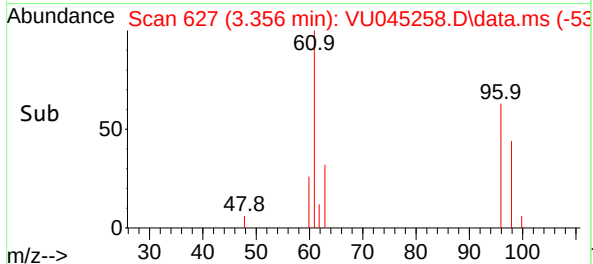




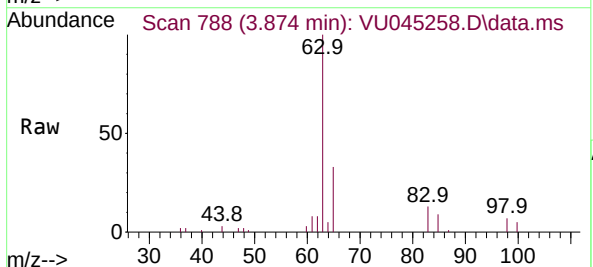
#17
trans-1,2-Dichloroethene
Concen: 1.447 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.000 min
Lab File: VU045258.D
Acq: 08 Oct 2021 17:50



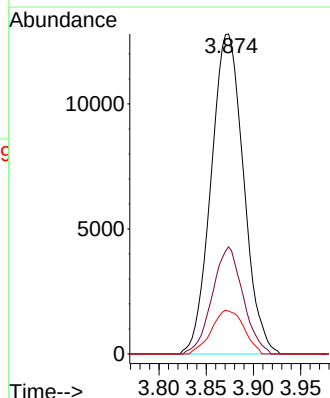
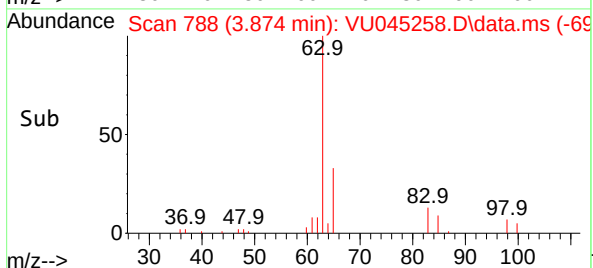
Tgt Ion: 96 Resp: 3352
Ion Ratio Lower Upper
96 100
61 160.0 105.1 195.3
98 70.7 43.0 79.8



#19
1,1-Dichloroethane
Concen: 6.337 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU045258.D
Acq: 08 Oct 2021 17:50



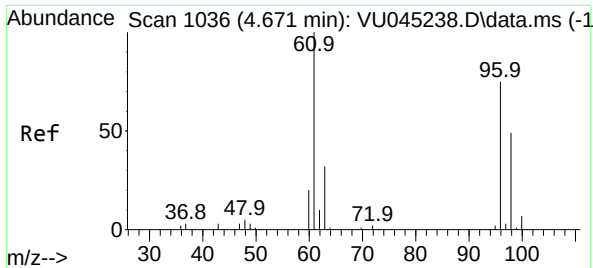
Tgt Ion: 63 Resp: 30531
Ion Ratio Lower Upper
63 100
65 33.5 22.0 40.8
83 13.5 9.0 16.6



Instrument :
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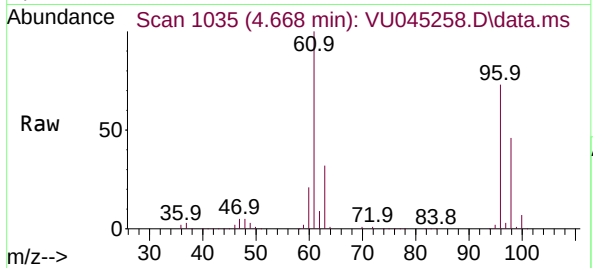
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#20
 cis-1,2-Dichloroethene
 Concen: 278.469 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VU045258.D
 Acq: 08 Oct 2021 17:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AJ2

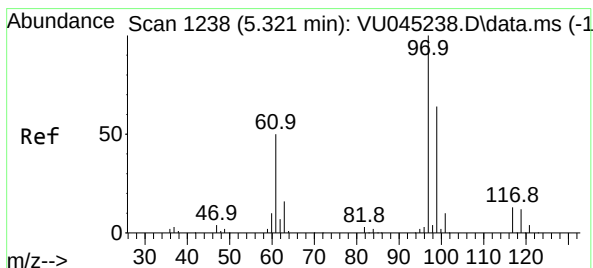
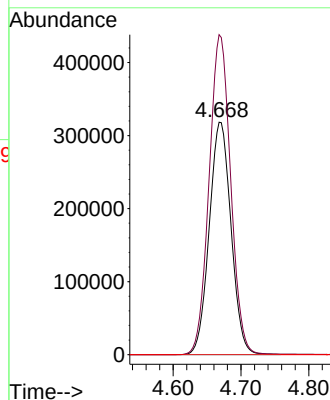
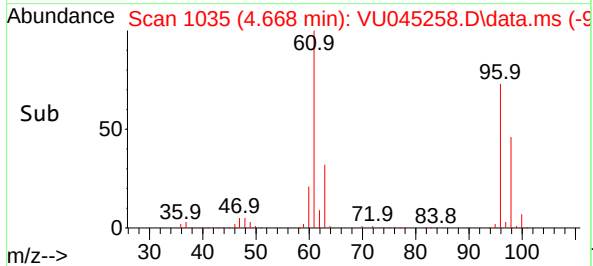


Tgt Ion: 96 Resp: 710631

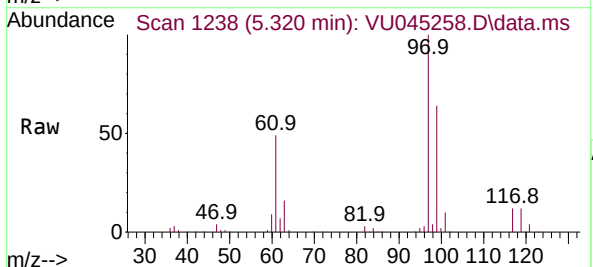
Ion	Ratio	Lower	Upper
96	100		
61	137.6	100.2	186.0
68	0.0	0.0	0.0

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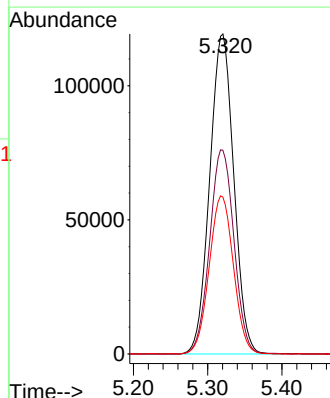
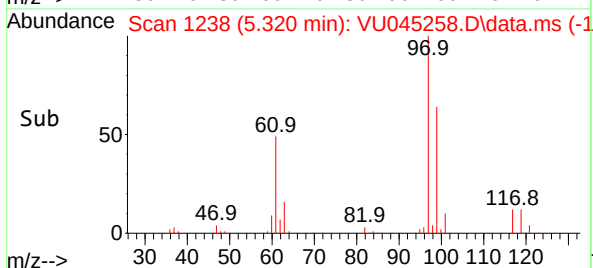


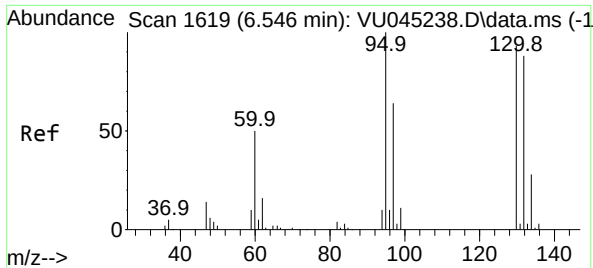
#30
 1,1,1-Trichloroethane
 Concen: 71.190 ug/L
 RT: 5.320 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VU045258.D
 Acq: 08 Oct 2021 17:50



Tgt Ion: 97 Resp: 268870

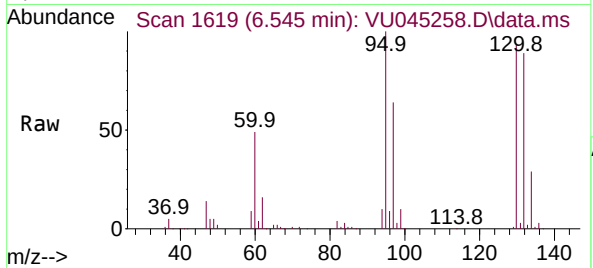
Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.6	75.8
61	49.8	41.3	61.9





#34
Trichloroethene
Concen: 206.054 ug/L
RT: 6.545 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045258.D
Acq: 08 Oct 2021 17:50

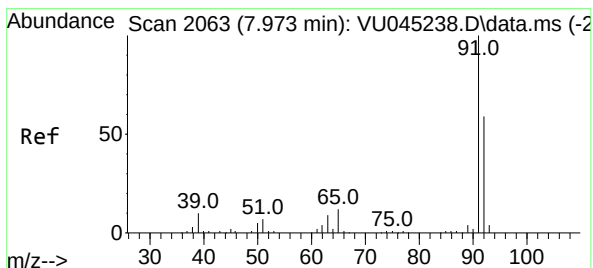
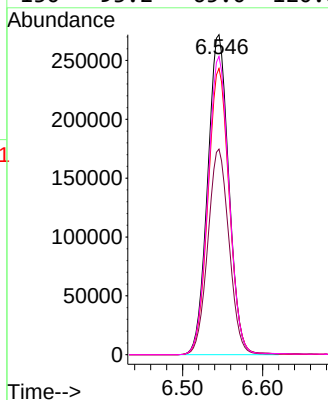
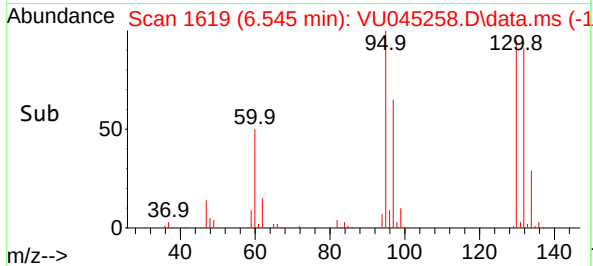
Instrument :
MSVOA_U
ClientSampleId :
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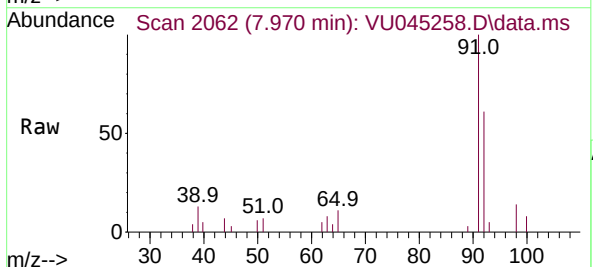
Tgt Ion: 95 Resp: 500824
Ion Ratio Lower Upper
95 100
97 64.3 44.4 82.4
132 89.5 62.9 116.9
130 93.2 65.0 120.8

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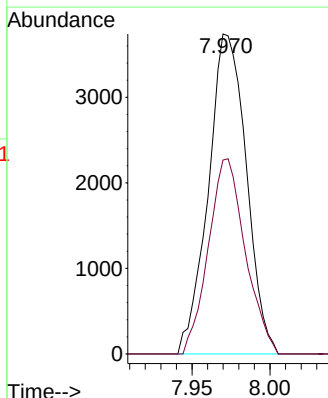
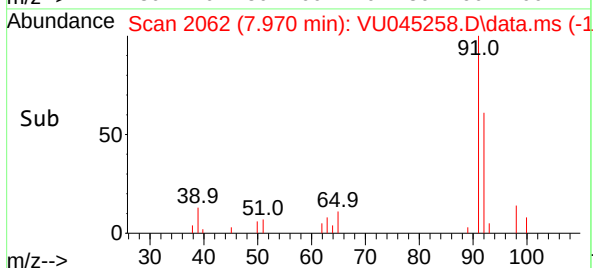
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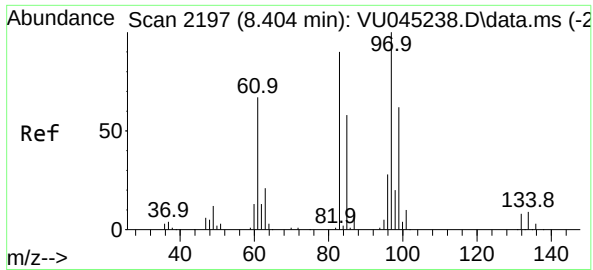


#42
Toluene
Concen: 0.616 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU045258.D
Acq: 08 Oct 2021 17:50

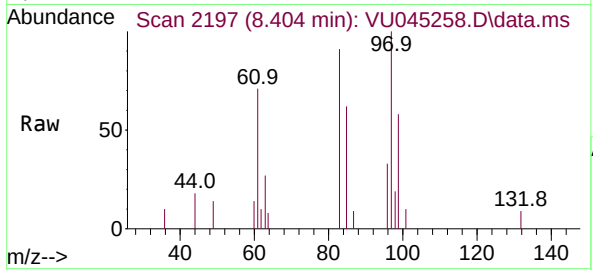


Tgt Ion: 91 Resp: 6335
Ion Ratio Lower Upper
91 100
92 60.6 40.5 75.1

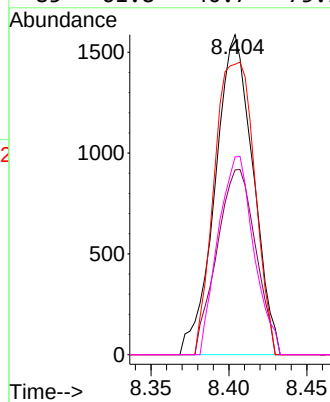
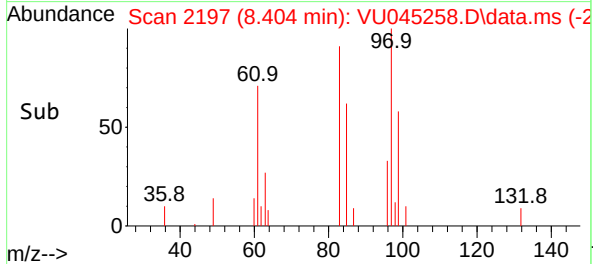




#45
1,1,2-Trichloroethane
Concen: 1.075 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045258.D
Acq: 08 Oct 2021 17:50



Tgt Ion:	97	Resp:	2685
Ion	Ratio	Lower	Upper
97	100		
99	57.7	43.7	81.1
83	90.7	61.9	115.1
85	61.8	40.7	75.5



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