

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052307.D
 Acq On : 09 Dec 2022 17:26
 Operator : JC/MD
 Sample : N5960-05DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COL28DL

Quant Time: Dec 09 23:12:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

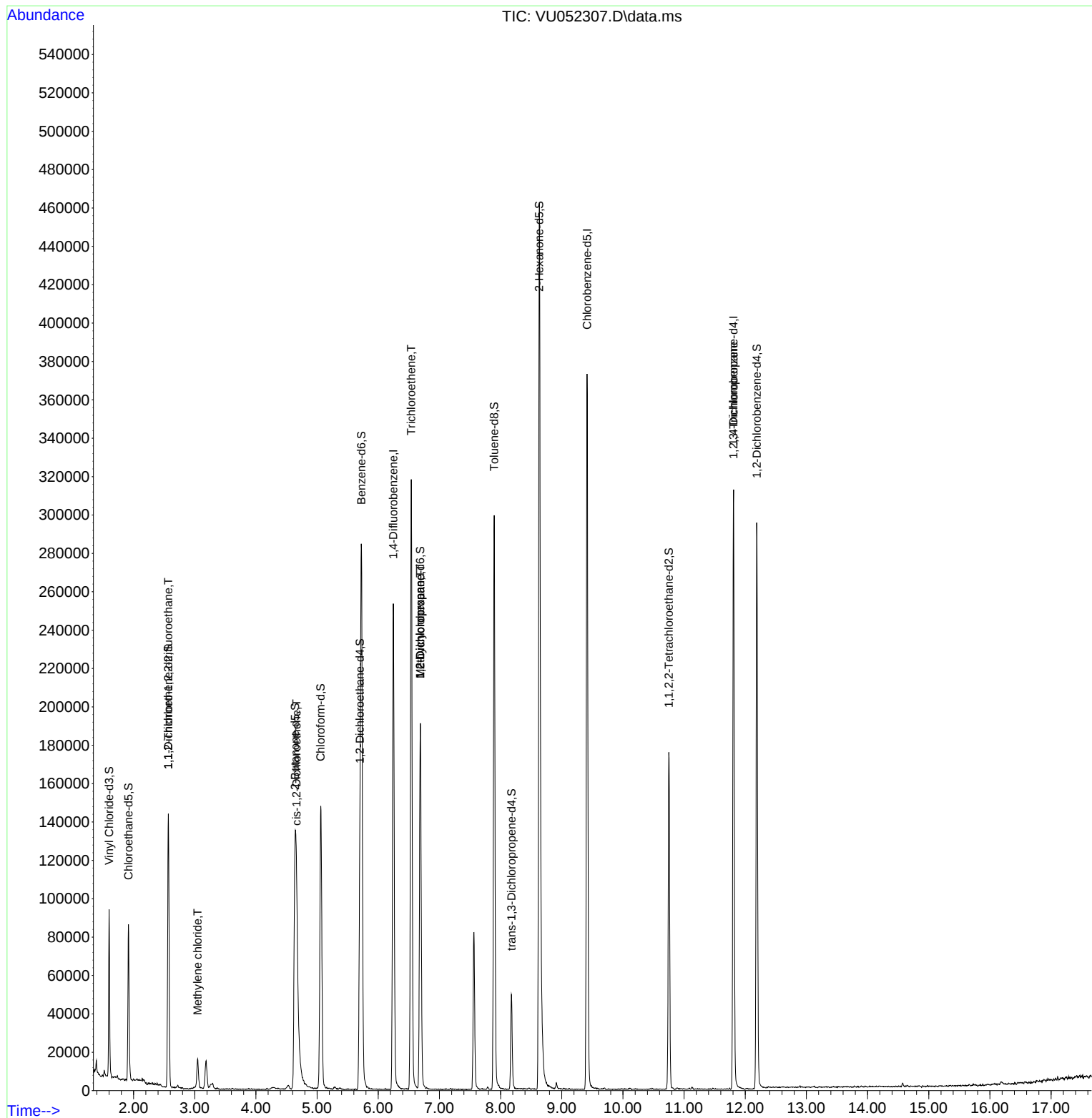
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	210947	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	220177	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	90397	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	62465	3.044	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.916	69	62556	3.925	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.568	65	26424	3.593	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.642	46	233430	62.762	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.520%
24) Chloroform-d	5.060	84	143258	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.700	65	77547	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.726	84	278964	4.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	6.687	67	100233	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.896	98	209644	3.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.179	79	29946	4.062	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.200%
46) 2-Hexanone-d5	8.632	63	159661	51.107	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.220%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	91528	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	82016	4.739	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	866	0.056	ug/L #	20
16) Methylene chloride	3.044	84	7608	0.367	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	13002	0.755	ug/L	99
34) Trichloroethene	6.539	95	112140	6.274	ug/L	96
35) Methylcyclohexane	6.687	83	22971	0.893	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	9424	0.508	ug/L #	88
61) 1,2,3-Trichloropropane	11.806	75	10504	1.015	ug/L #	69

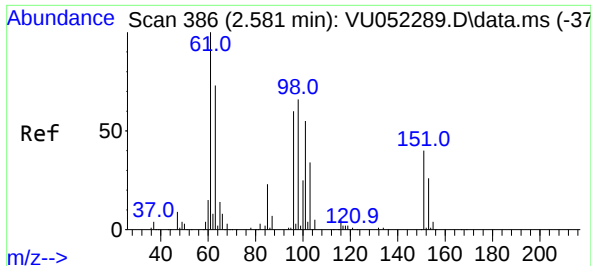
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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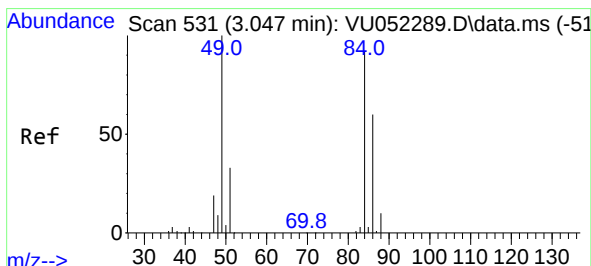
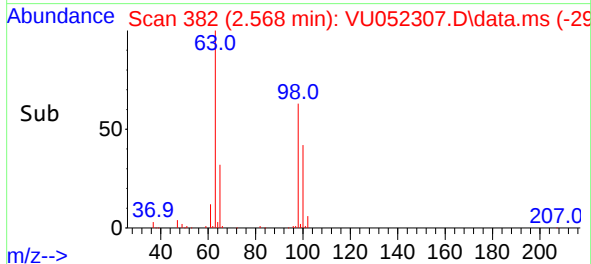
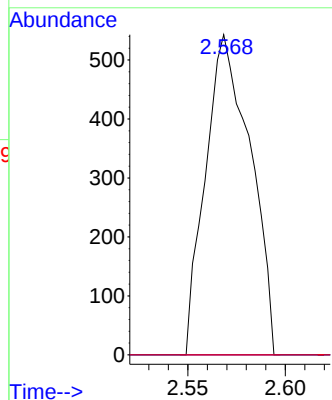
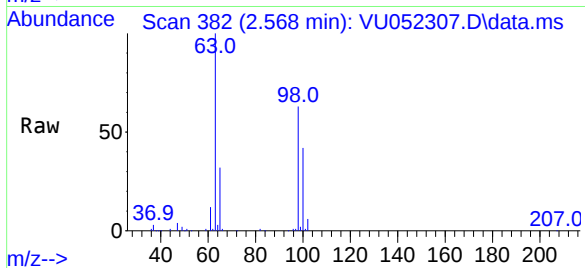




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.056 ug/L
RT: 2.568 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU052307.D
Acq: 09 Dec 2022 17:26

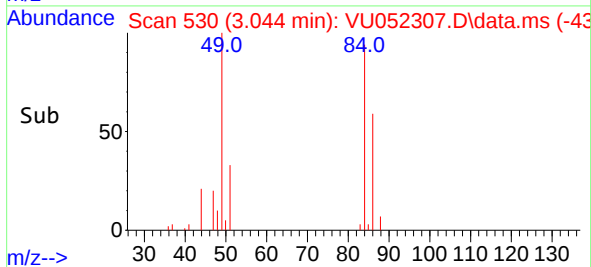
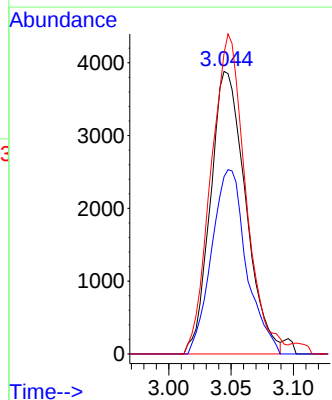
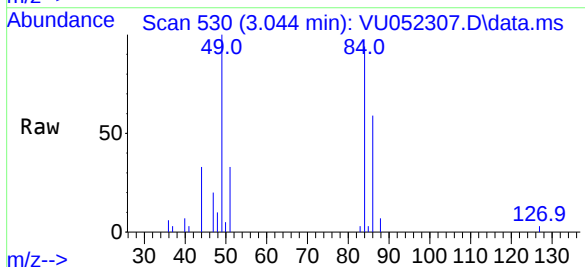
Instrument :
MSVOA_U
ClientSampleId :
COL28DL

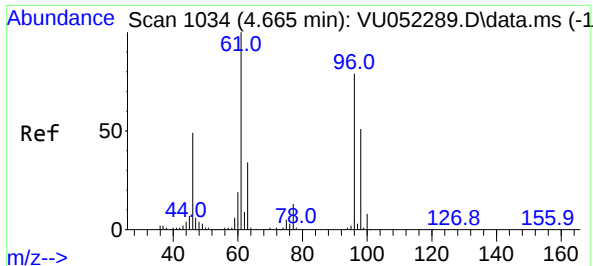
Tgt Ion:101 Resp: 866
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 0.367 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU052307.D
Acq: 09 Dec 2022 17:26

Tgt Ion: 84 Resp: 7608
Ion Ratio Lower Upper
84 100
86 62.8 43.8 81.4
49 106.4 75.9 141.1



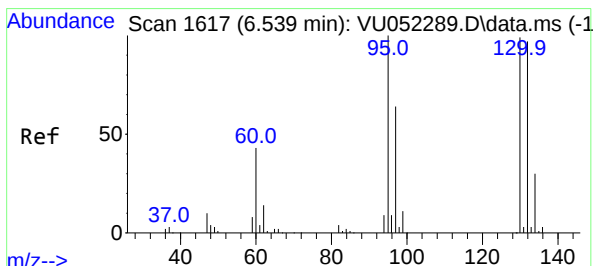
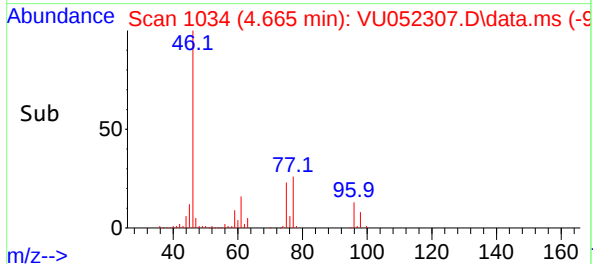
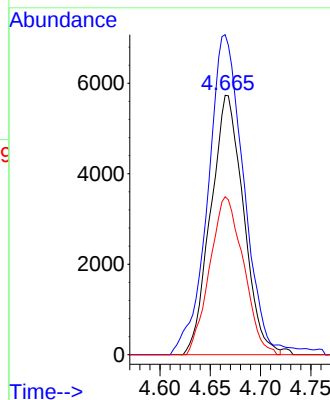
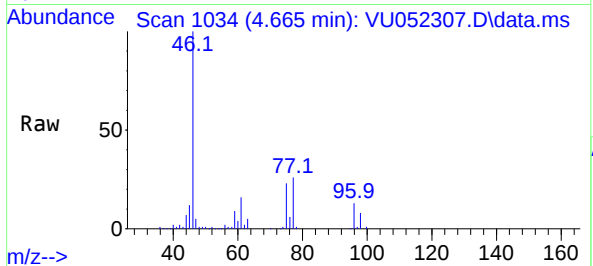


#22
cis-1,2-Dichloroethene
Concen: 0.755 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052307.D
Acq: 09 Dec 2022 17:26

Instrument :
MSVOA_U
ClientSampleId :
COL28DL

Tgt Ion: 96 Resp: 13002

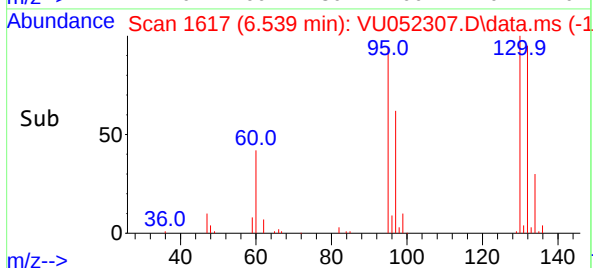
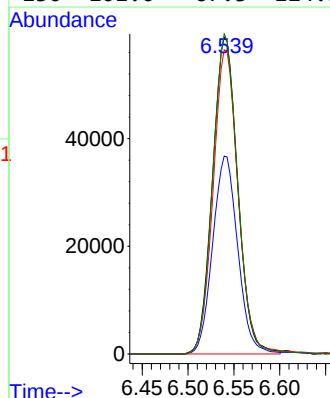
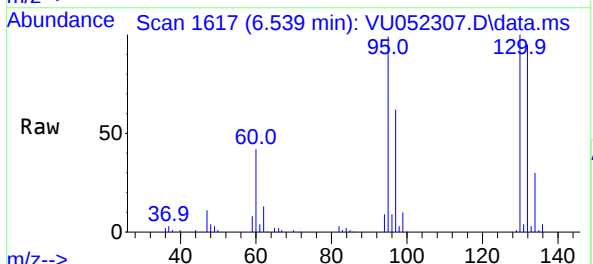
Ion	Ratio	Lower	Upper
96	100		
61	123.4	85.1	158.1
98	60.9	42.8	79.6

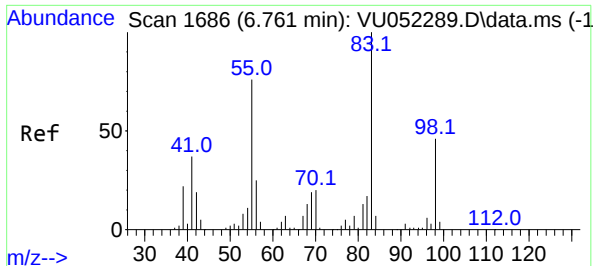


#34
Trichloroethene
Concen: 6.274 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU052307.D
Acq: 09 Dec 2022 17:26

Tgt Ion: 95 Resp: 112140

Ion	Ratio	Lower	Upper
95	100		
97	62.5	43.7	81.1
132	96.0	64.3	119.3
130	101.0	67.3	124.9

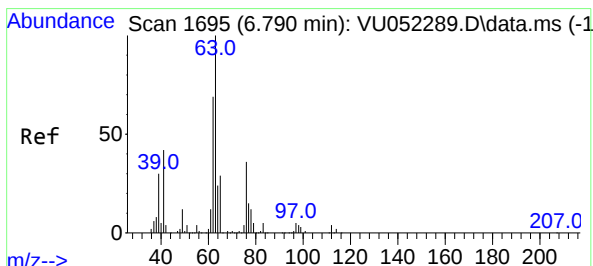
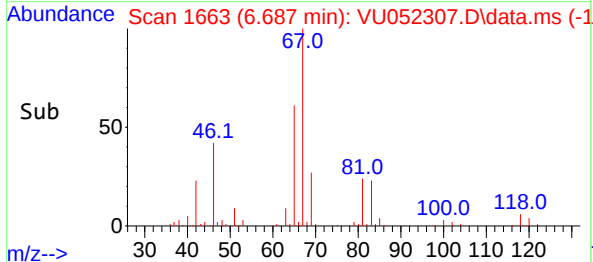
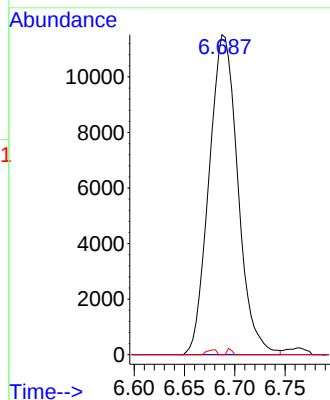
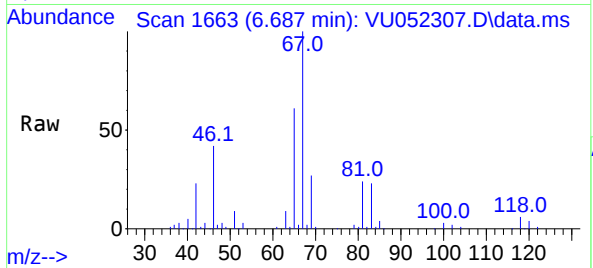




#35
Methylcyclohexane
Concen: 0.893 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052307.D
Acq: 09 Dec 2022 17:26

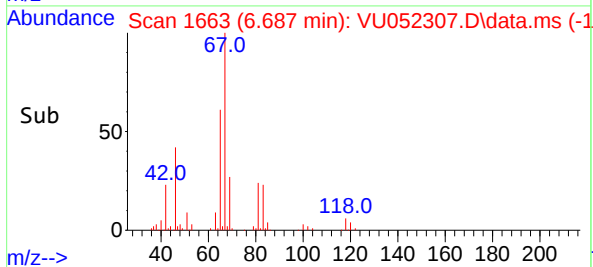
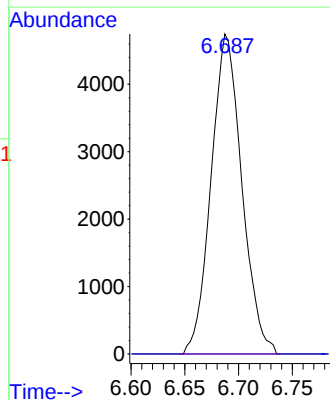
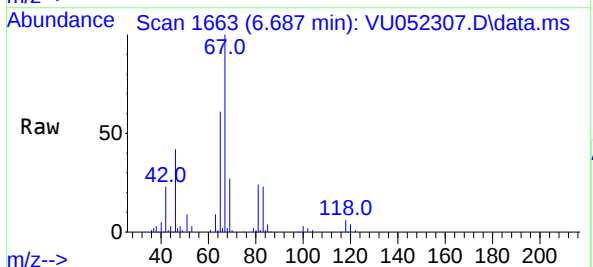
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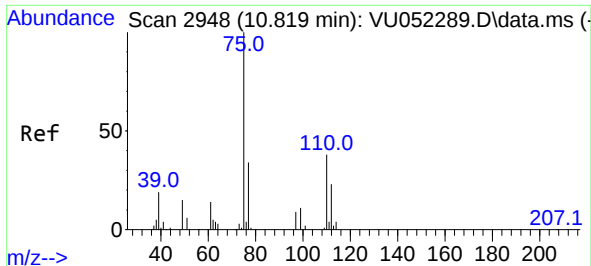
Tgt Ion: 83 Resp: 22971
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 0.5 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.103 min
Lab File: VU052307.D
Acq: 09 Dec 2022 17:26

Tgt Ion: 63 Resp: 9424
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 1.015 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU052307.D

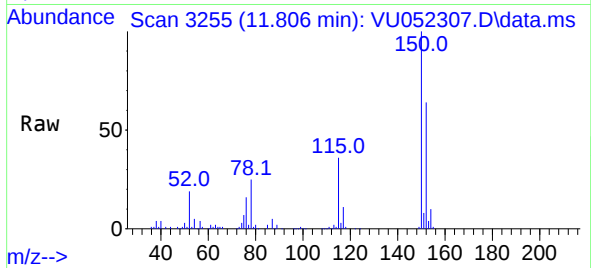
Acq: 09 Dec 2022 17:26

Instrument :

MSVOA_U

ClientSampleId :

C0L28DL



Tgt Ion: 75 Resp: 10504

Ion Ratio Lower Upper

75 100

110 1.7 28.3 42.5#

77 32.0 26.2 39.2

