

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052306.D
 Acq On : 09 Dec 2022 17:02
 Operator : JC/MD
 Sample : N5960-04DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0L27DL

Quant Time: Dec 09 23:12:45 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)

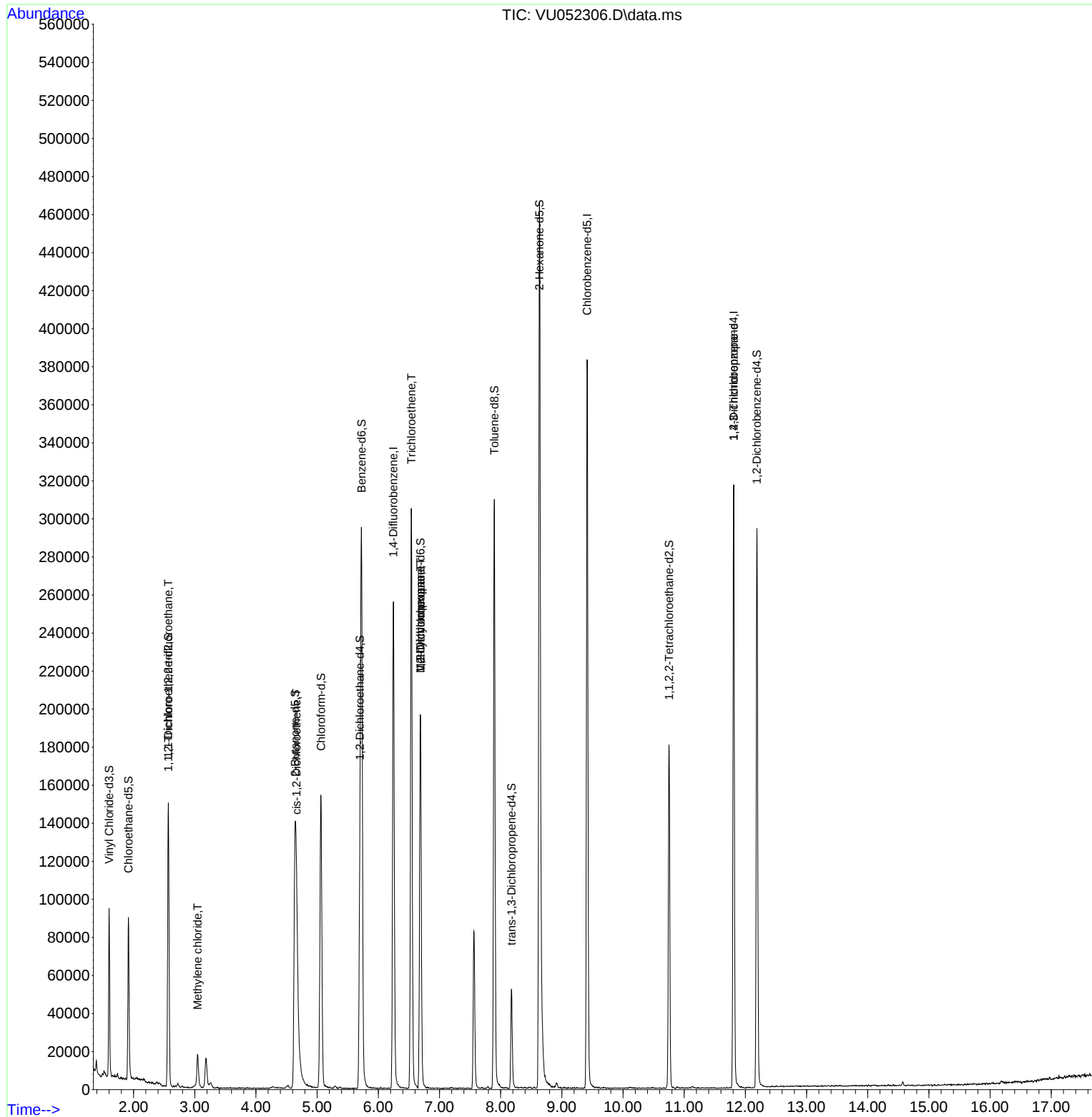
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	214857	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	221847	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89364	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	65156	3.118	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.916	69	66601	4.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.568	65	28031	3.742	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	4.642	46	246414	65.047	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.100%#
24) Chloroform-d	5.063	84	149524	4.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.700	65	79929	5.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.726	84	290977	4.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.687	67	102932	5.050	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.896	98	215702	3.620	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.176	79	30070	4.048	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.632	63	161112	51.183	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.360%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	93992	5.319	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	81166	4.744	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-...	2.565	101	1079	0.069	ug/L #	20
16) Methylene chloride	3.044	84	8511	0.404	ug/L	95
22) cis-1,2-Dichloroethene	4.662	96	12876	0.734	ug/L	96
34) Trichloroethene	6.539	95	106552	5.917	ug/L	98
35) Methylcyclohexane	6.690	83	23150	0.894	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10104	0.541	ug/L #	90
61) 1,2,3-Trichloropropane	11.809	75	10614	1.038	ug/L #	67

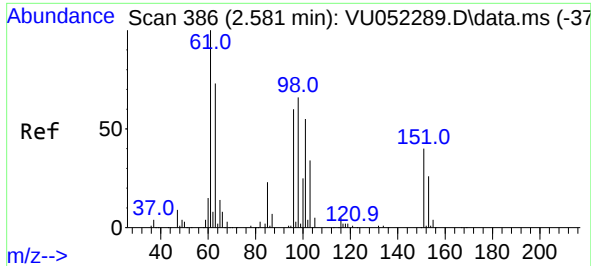
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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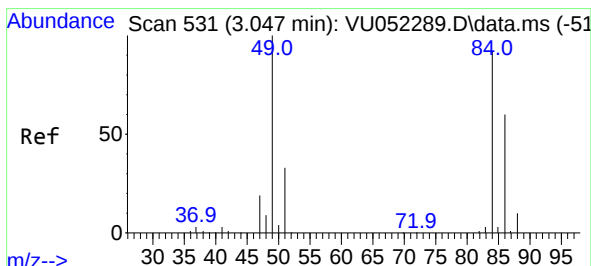
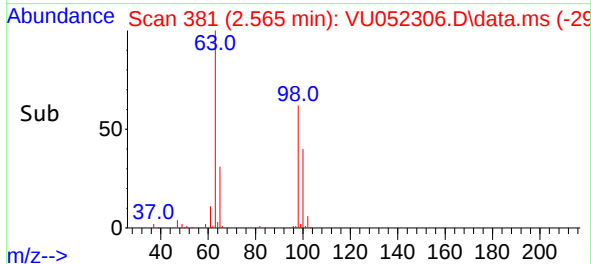
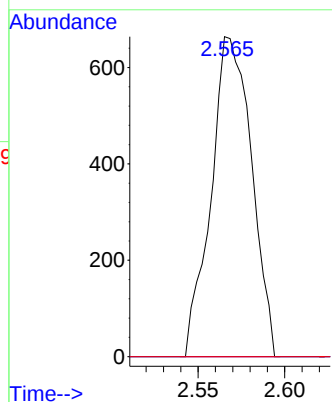
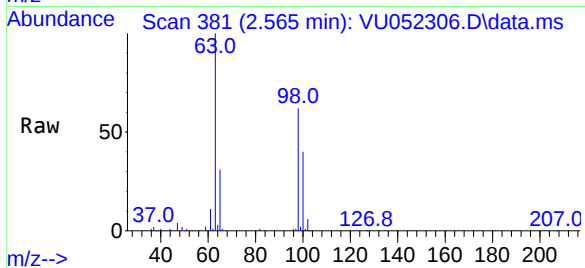




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.069 ug/L
RT: 2.565 min Scan# 386
Delta R.T. -0.016 min
Lab File: VU052306.D
Acq: 09 Dec 2022 17:02

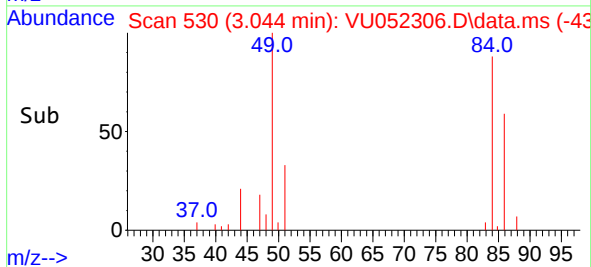
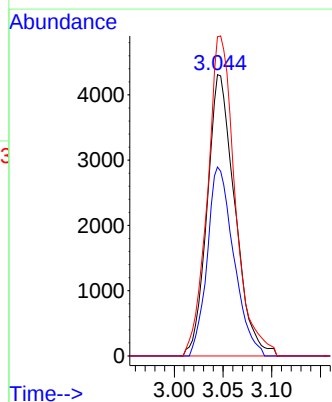
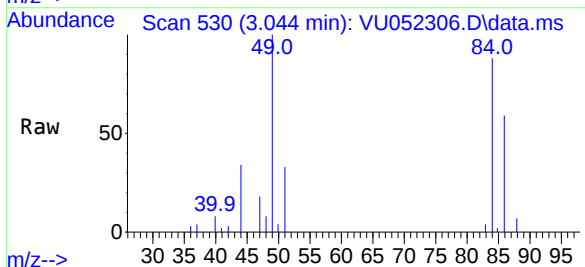
Instrument :
MSVOA_U
ClientSampleId :
COL27DL

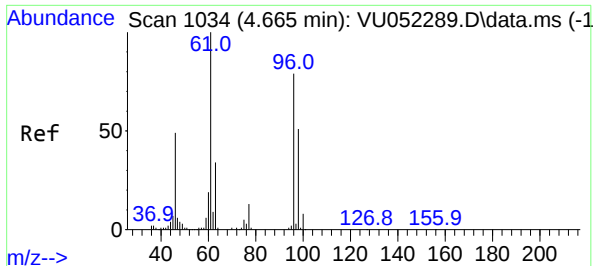
Tgt Ion:101 Resp: 1079
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 0.404 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU052306.D
Acq: 09 Dec 2022 17:02

Tgt Ion: 84 Resp: 8511
Ion Ratio Lower Upper
84 100
86 67.2 43.8 81.4
49 113.5 75.9 141.1





#22

cis-1,2-Dichloroethene

Concen: 0.734 ug/L

RT: 4.662 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU052306.D

Acq: 09 Dec 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

C0L27DL

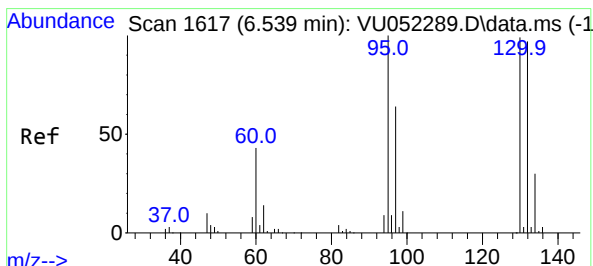
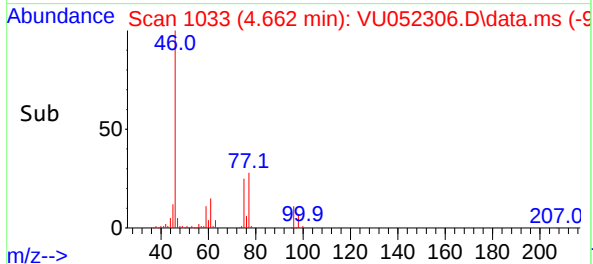
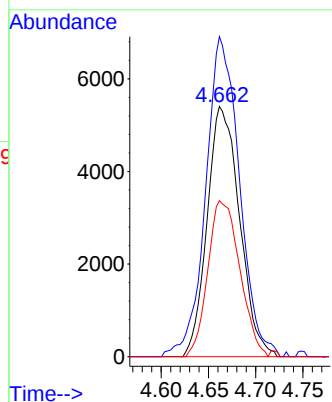
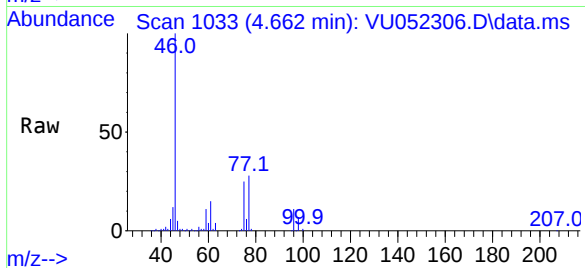
Tgt Ion: 96 Resp: 12876

Ion Ratio Lower Upper

96 100

61 127.9 85.1 158.1

98 62.4 42.8 79.6



#34

Trichloroethene

Concen: 5.917 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. -0.003 min

Lab File: VU052306.D

Acq: 09 Dec 2022 17:02

Tgt Ion: 95 Resp: 106552

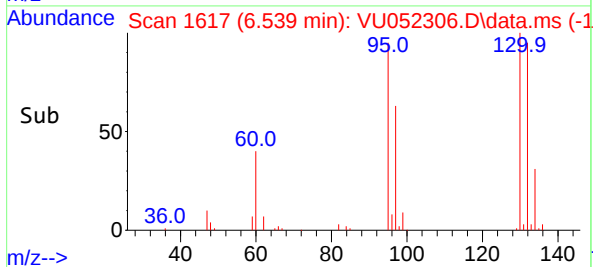
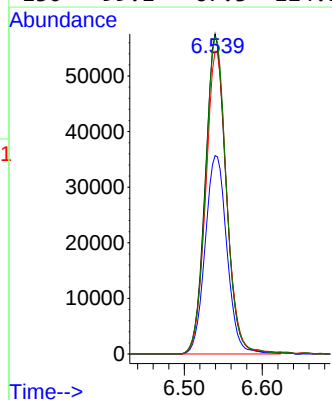
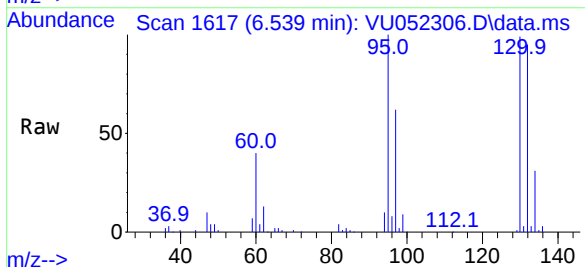
Ion Ratio Lower Upper

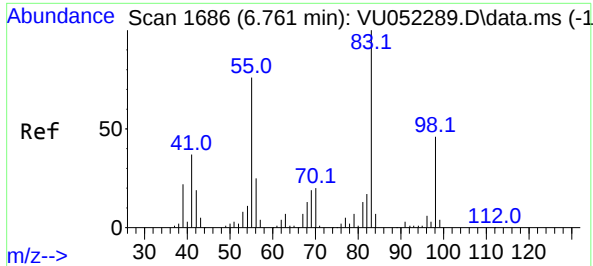
95 100

97 62.0 43.7 81.1

132 94.6 64.3 119.3

130 99.1 67.3 124.9

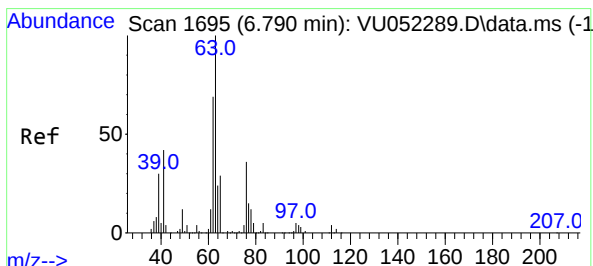
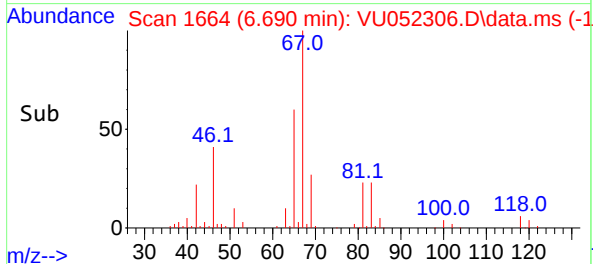
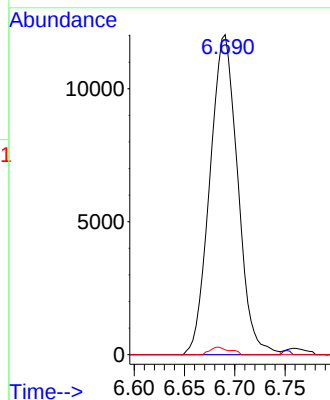
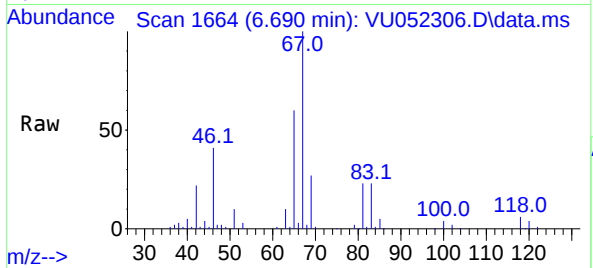




#35
Methylcyclohexane
Concen: 0.894 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.071 min
Lab File: VU052306.D
Acq: 09 Dec 2022 17:02

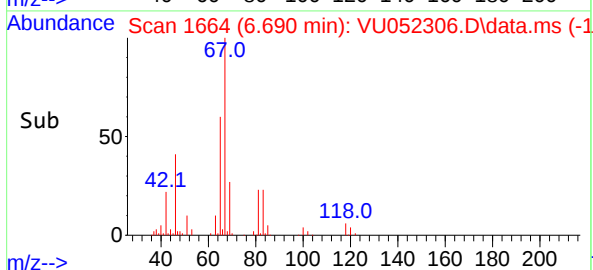
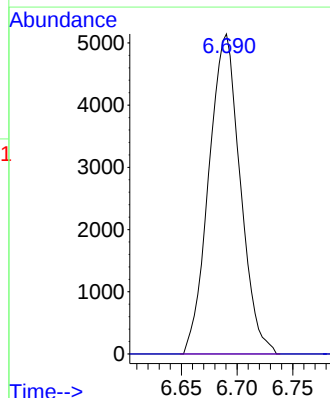
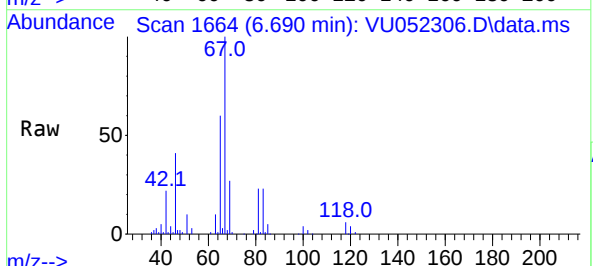
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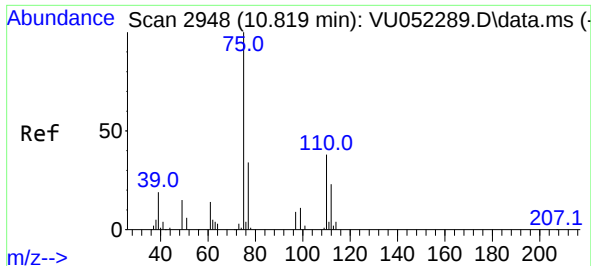
Tgt Ion: 83 Resp: 23150
Ion Ratio Lower Upper
83 100
55 0.3 60.8 91.2#
98 1.7 35.1 52.7#



#37
1,2-Dichloropropane
Concen: 0.541 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.100 min
Lab File: VU052306.D
Acq: 09 Dec 2022 17:02

Tgt Ion: 63 Resp: 10104
Ion Ratio Lower Upper
63 100
112 0.8 3.3 4.9#





#61

1,2,3-Trichloropropane

Concen: 1.038 ug/L

RT: 11.809 min Scan# 31

Delta R.T. 0.990 min

Lab File: VU052306.D

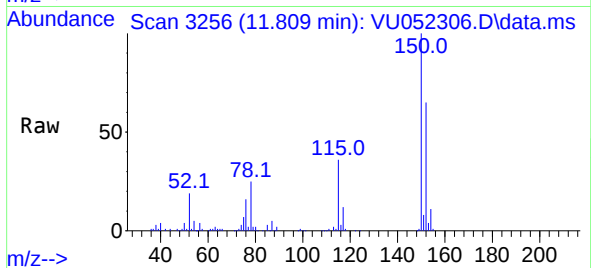
Acq: 09 Dec 2022 17:02

Instrument :

MSVOA_U

ClientSampleId :

C0L27DL



Tgt Ion: 75 Resp: 10614

Ion Ratio Lower Upper

75 100

110 0.9 28.3 42.5#

77 29.6 26.2 39.2

