

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052305.D
 Acq On : 09 Dec 2022 16:39
 Operator : JC/MD
 Sample : N5960-03DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 09 23:12:38 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)

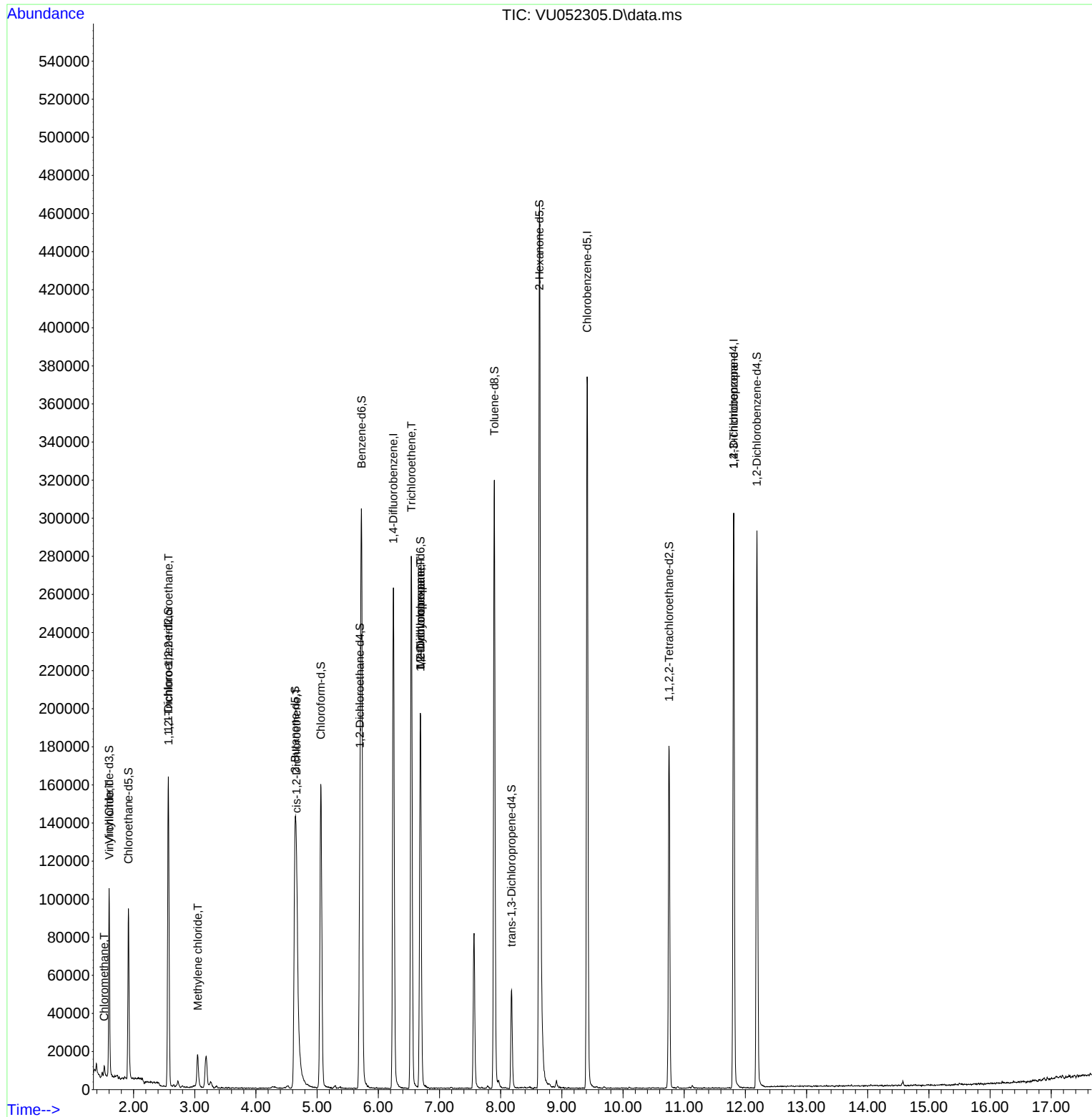
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	220923	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	222205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85830	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	70600	3.285	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.916	69	70080	4.199	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.568	65	30495	3.959	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	4.642	46	246796	63.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.720%
24) Chloroform-d	5.060	84	151933	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.700	65	80660	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	5.726	84	296824	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.687	67	104179	5.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.896	98	221766	3.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.176	79	30639	4.118	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.632	63	159391	50.555	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.100%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	94396	5.333	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.188	152	82480	5.019	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	3391	0.136	ug/L	96
5) Vinyl chloride	1.604	62	3039	0.126	ug/L #	37
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	876	0.054	ug/L #	20
16) Methylene chloride	3.047	84	8374	0.386	ug/L	92
22) cis-1,2-Dichloroethene	4.665	96	16652	0.924	ug/L	97
34) Trichloroethene	6.539	95	99375	5.509	ug/L	97
35) Methylcyclohexane	6.687	83	22737	0.876	ug/L #	20
37) 1,2-Dichloropropane	6.690	63	10302	0.550	ug/L #	88
61) 1,2,3-Trichloropropane	11.809	75	10285	1.047	ug/L #	68

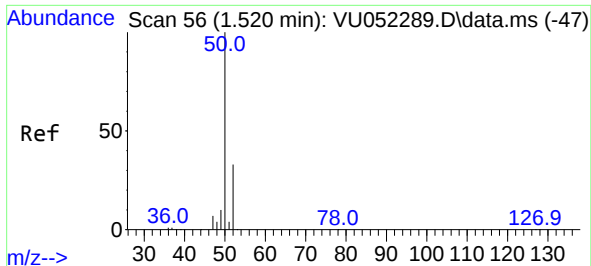
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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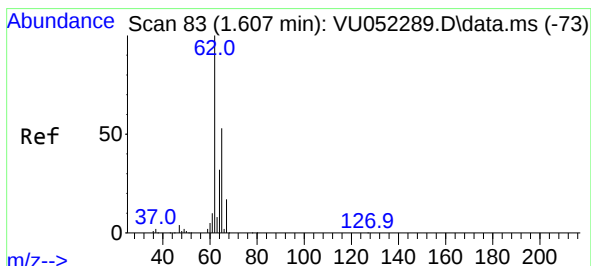
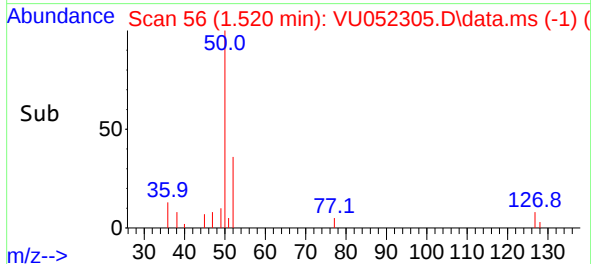
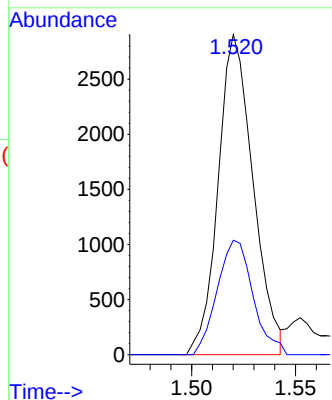
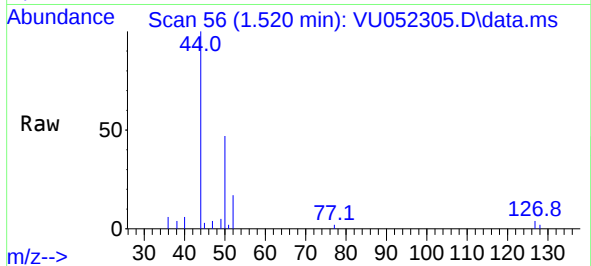




#3
Chloromethane
Concen: 0.136 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.000 min
Lab File: VU052305.D
Acq: 09 Dec 2022 16:39

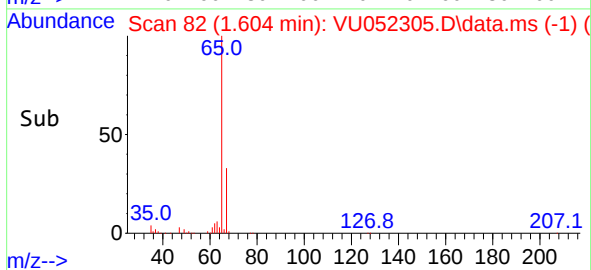
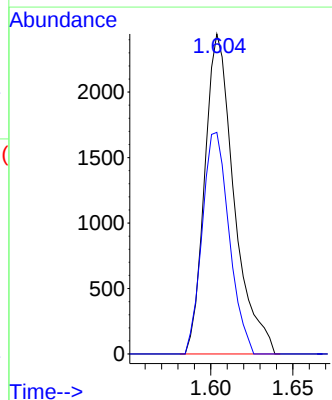
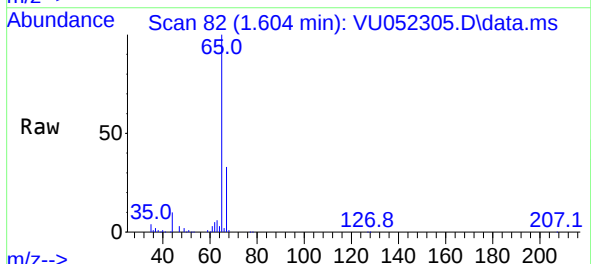
Instrument :
MSVOA_U
ClientSampleId :

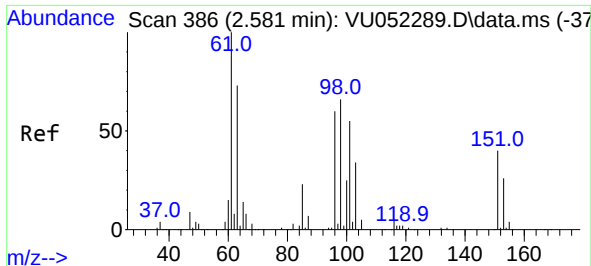
Tgt Ion: 50 Resp: 3391
Ion Ratio Lower Upper
50 100
52 35.7 23.4 43.4



#5
Vinyl chloride
Concen: 0.126 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU052305.D
Acq: 09 Dec 2022 16:39

Tgt Ion: 62 Resp: 3039
Ion Ratio Lower Upper
62 100
64 69.3 23.5 43.7#

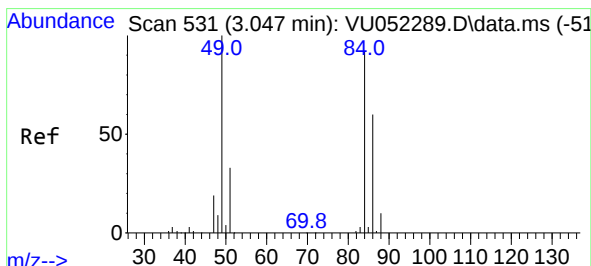
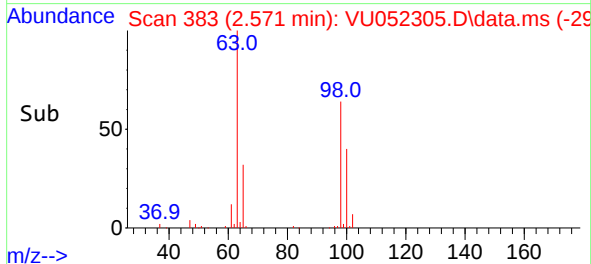
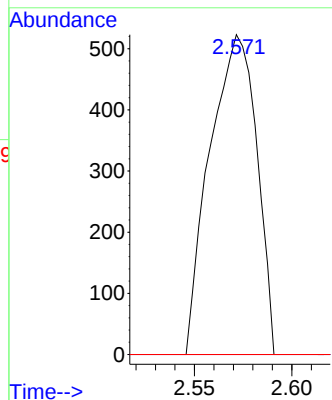
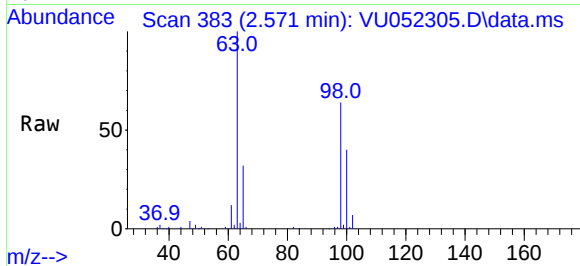




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.054 ug/L
RT: 2.571 min Scan# 386
Delta R.T. -0.010 min
Lab File: VU052305.D
Acq: 09 Dec 2022 16:39

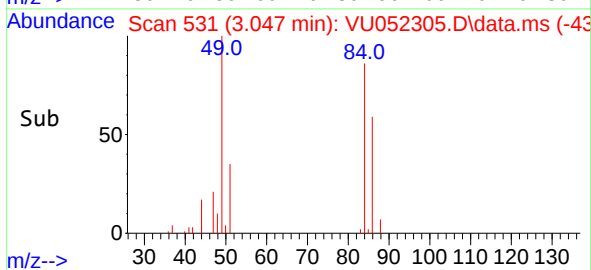
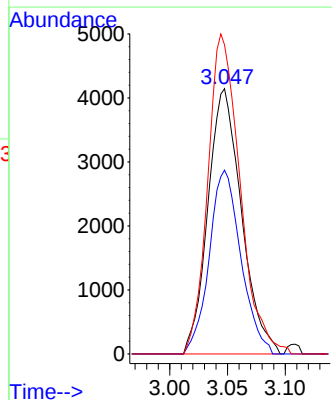
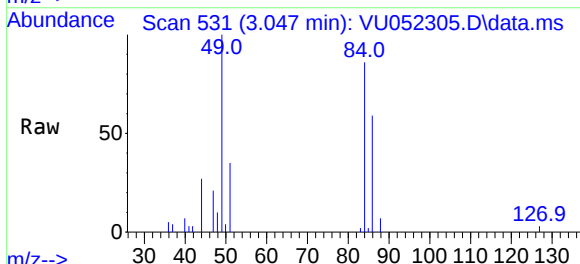
Instrument :
MSVOA_U
ClientSampleId :

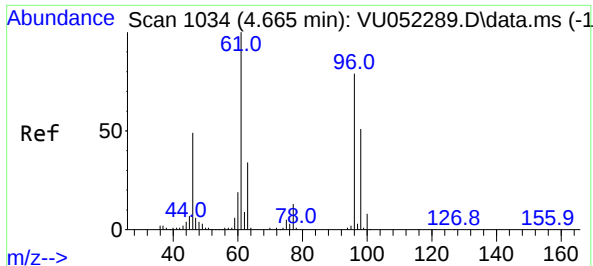
Tgt Ion:101 Resp: 876
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#16
Methylene chloride
Concen: 0.386 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU052305.D
Acq: 09 Dec 2022 16:39

Tgt Ion: 84 Resp: 8374
Ion Ratio Lower Upper
84 100
86 69.3 43.8 81.4
49 116.6 75.9 141.1



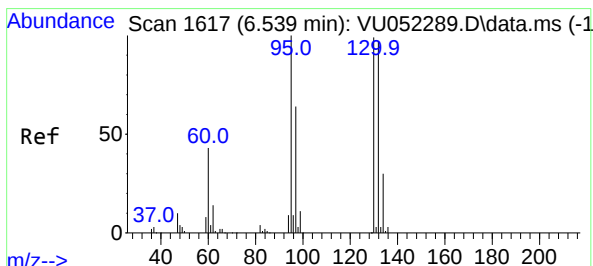
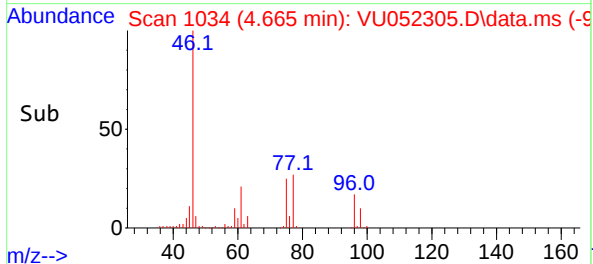
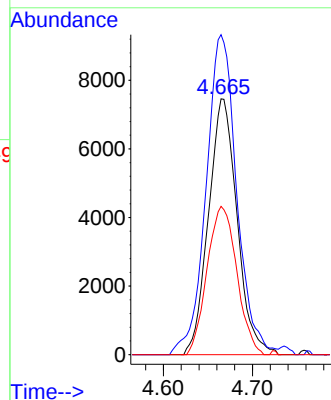
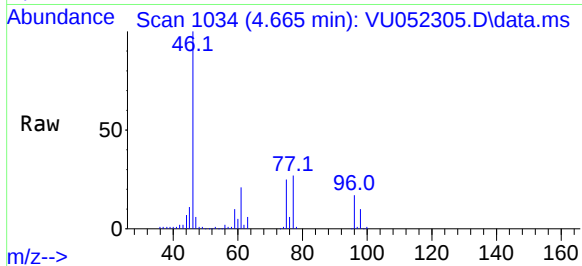


#22
 cis-1,2-Dichloroethene
 Concen: 0.924 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052305.D
 Acq: 09 Dec 2022 16:39

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 96 Resp: 16652

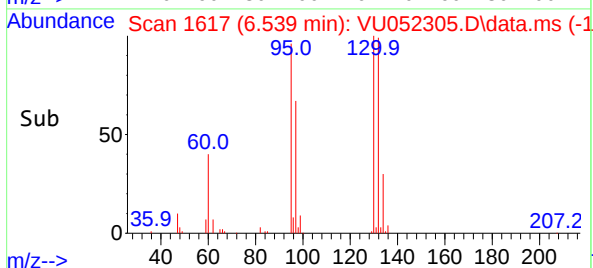
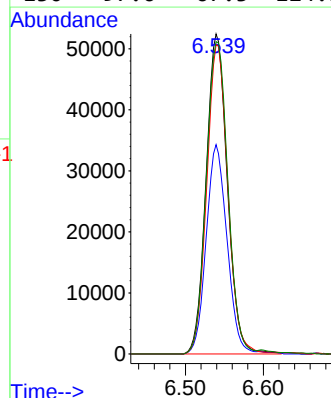
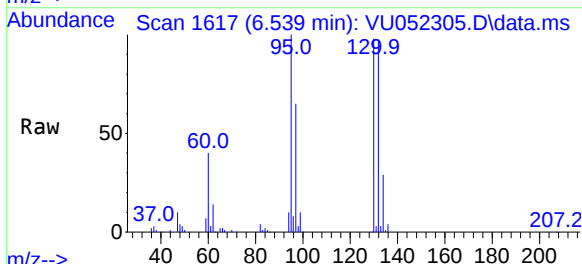
Ion	Ratio	Lower	Upper
96	100		
61	125.1	85.1	158.1
98	58.0	42.8	79.6

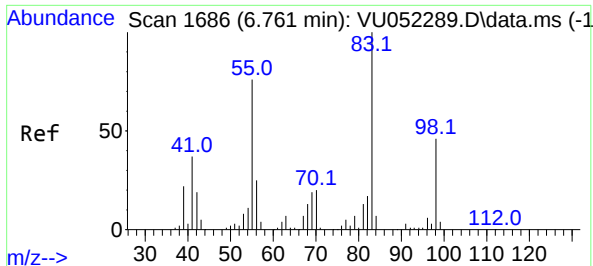


#34
 Trichloroethene
 Concen: 5.509 ug/L
 RT: 6.539 min Scan# 1617
 Delta R.T. -0.003 min
 Lab File: VU052305.D
 Acq: 09 Dec 2022 16:39

Tgt Ion: 95 Resp: 99375

Ion	Ratio	Lower	Upper
95	100		
97	65.4	43.7	81.1
132	96.7	64.3	119.3
130	97.6	67.3	124.9





#35

Methylcyclohexane

Concen: 0.876 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU052305.D

Acq: 09 Dec 2022 16:39

Instrument :

MSVOA_U

ClientSampleId :

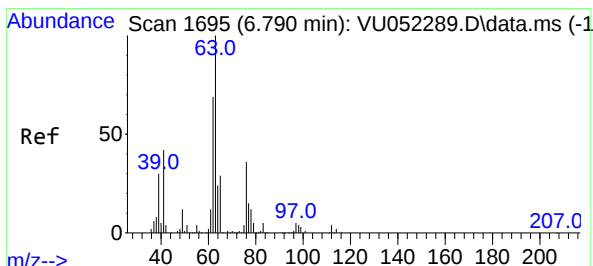
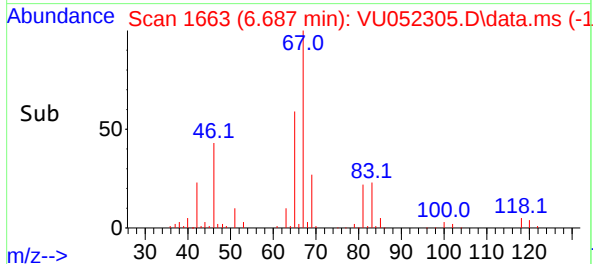
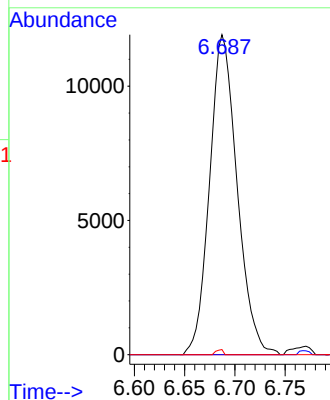
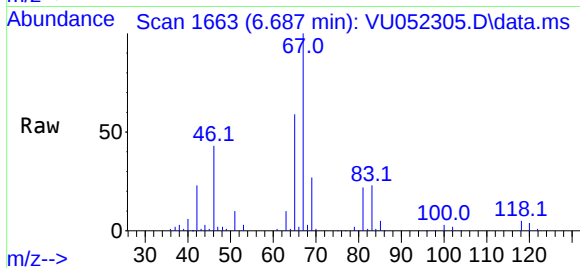
Tgt Ion: 83 Resp: 22737

Ion Ratio Lower Upper

83 100

55 0.4 60.8 91.2#

98 0.4 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.550 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU052305.D

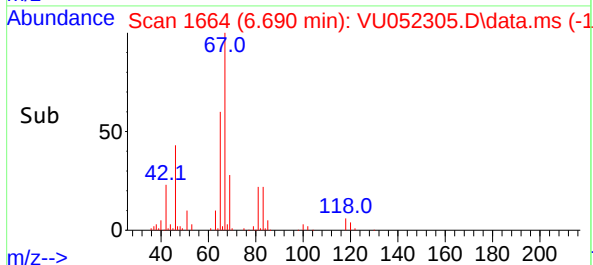
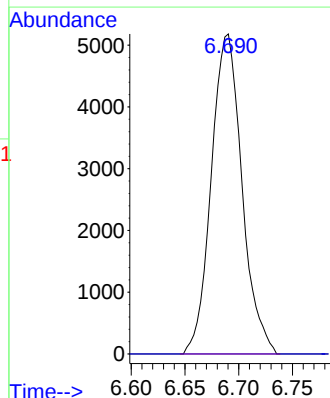
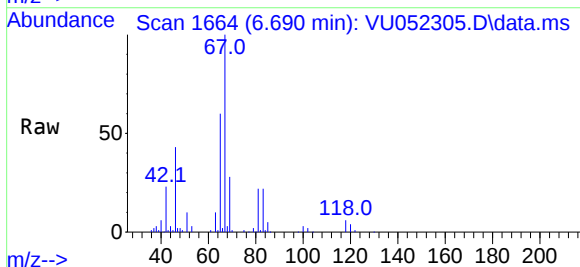
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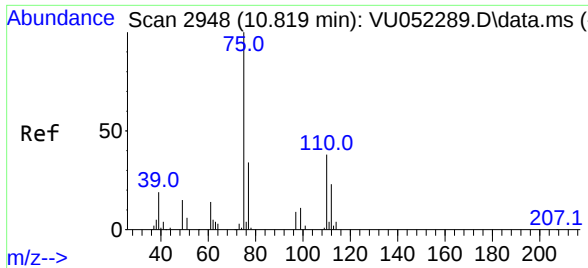
Tgt Ion: 63 Resp: 10302

Ion Ratio Lower Upper

63 100

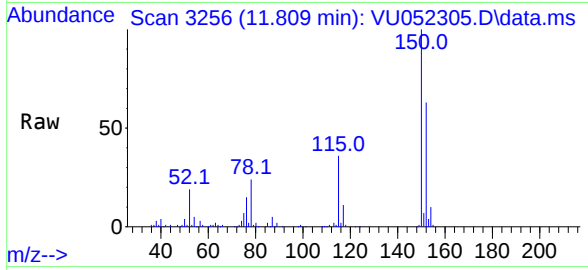
112 0.2 3.3 4.9#





#61
1,2,3-Trichloropropane
Concen: 1.047 ug/L
RT: 11.809 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU052305.D
Acq: 09 Dec 2022 16:39

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 10285
Ion Ratio Lower Upper
75 100
110 1.7 28.3 42.5#
77 30.6 26.2 39.2

