

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052327.D
 Acq On : 10 Dec 2022 01:39
 Operator : JC/MD
 Sample : N5979-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ER7

Quant Time: Dec 10 03:24:21 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)

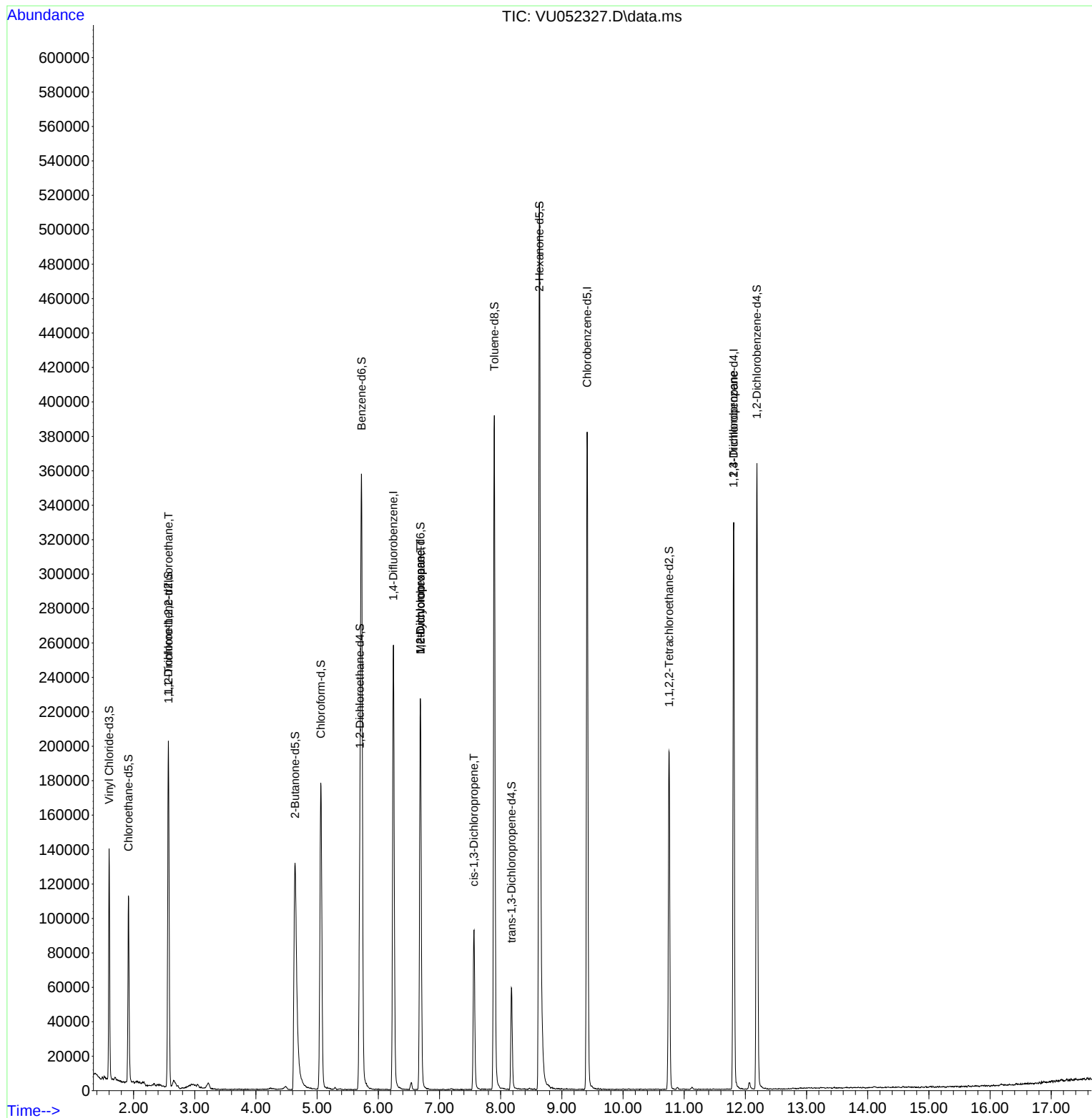
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	218984	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	228964	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	91212	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	98735	4.635	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.916	69	82855	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.568	65	37063	4.854	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	4.639	46	256747	66.497	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.000%#
24) Chloroform-d	5.060	84	173224	5.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
26) 1,2-Dichloroethane-d4	5.700	65	91609	5.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.800%
32) Benzene-d6	5.726	84	352519	5.186	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.687	67	116915	5.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.200%
41) Toluene-d8	7.896	98	277946	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.176	79	35320	4.607	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.632	63	176185	54.232	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.460%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	104064	5.706	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	101403	5.807	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.200%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1201	0.075	ug/L #	20
35) Methylcyclohexane	6.687	83	25927	0.970	ug/L #	20
37) 1,2-Dichloropropane	6.687	63	11454	0.594	ug/L #	88
39) cis-1,3-Dichloropropene	7.562	75	2623	0.106	ug/L #	77
61) 1,2,3-Trichloropropane	11.806	75	10909	1.045	ug/L #	69

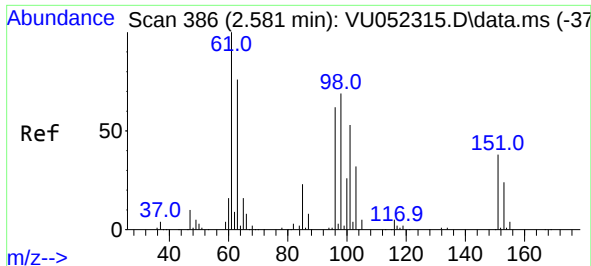
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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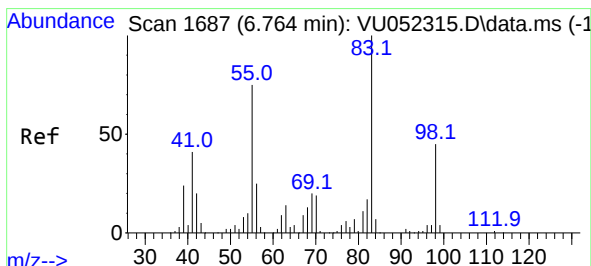
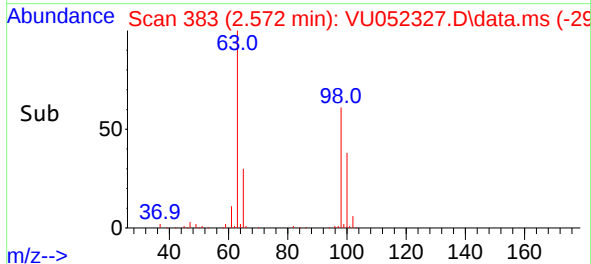
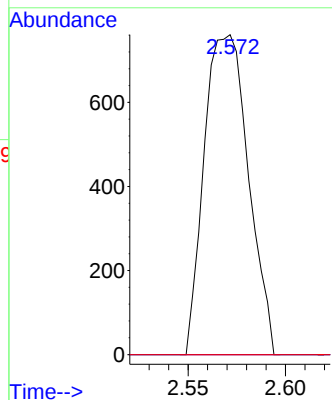
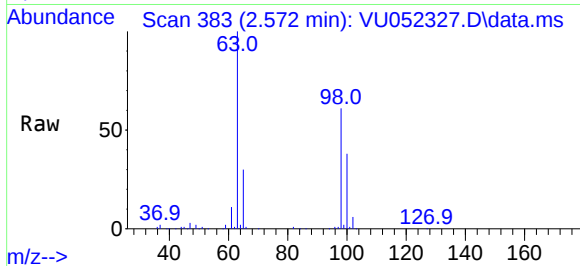




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.075 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.010 min
Lab File: VU052327.D
Acq: 10 Dec 2022 01:39

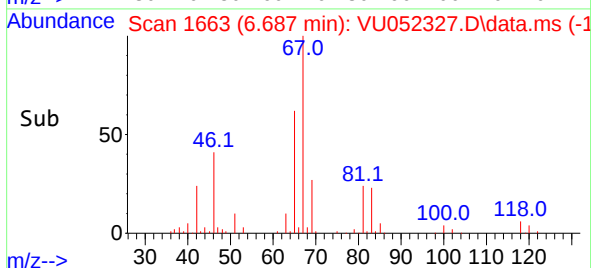
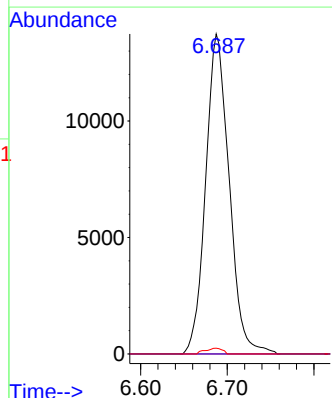
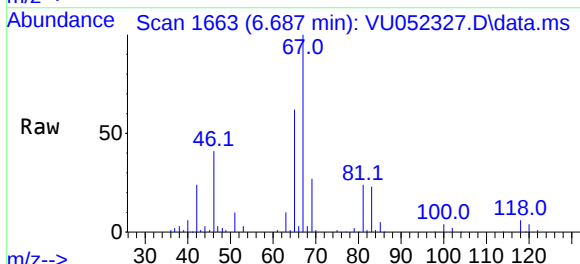
Instrument :
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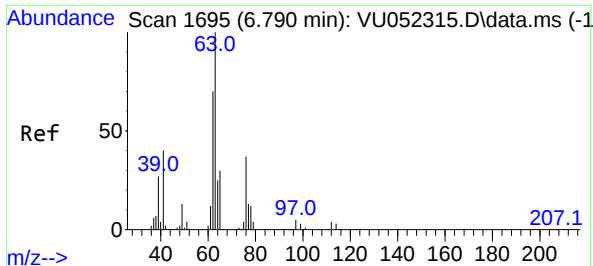
Tgt Ion:101 Resp: 1201
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 58.6 88.0#



#35
Methylcyclohexane
Concen: 0.970 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052327.D
Acq: 10 Dec 2022 01:39

Tgt Ion: 83 Resp: 25927
Ion Ratio Lower Upper
83 100
55 0.0 60.8 91.2#
98 1.3 35.1 52.7#

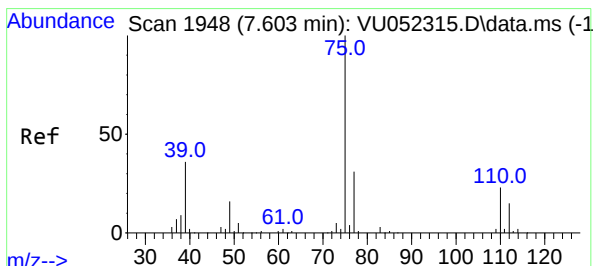
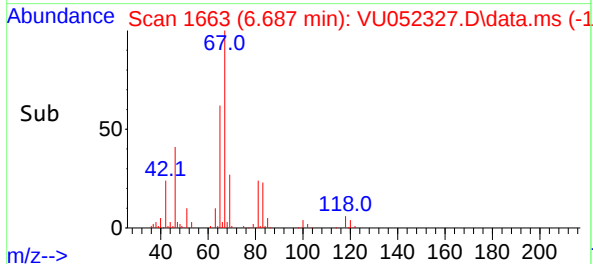
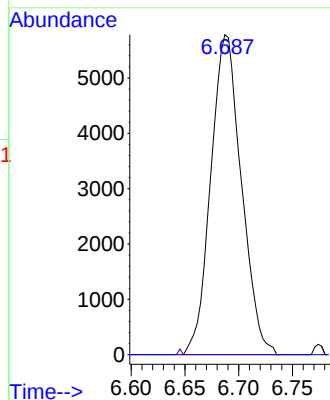
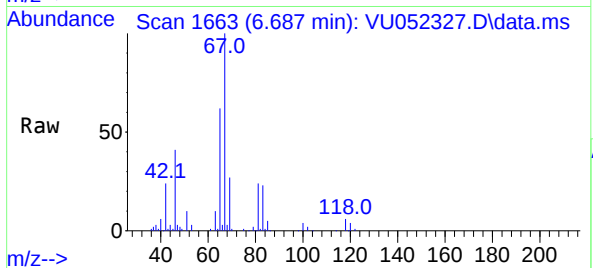




#37
1,2-Dichloropropane
Concen: 0.594 ug/L
RT: 6.687 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU052327.D
Acq: 10 Dec 2022 01:39

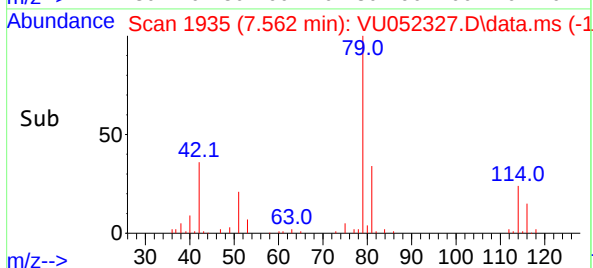
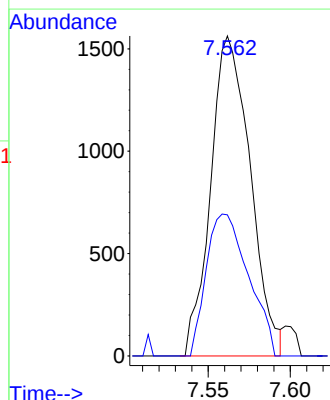
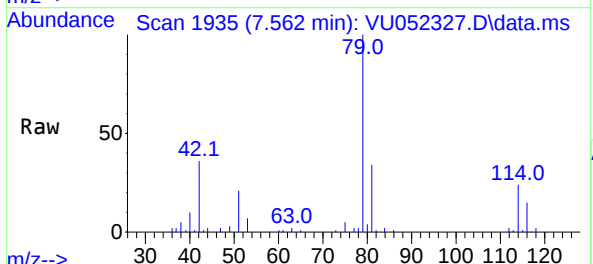
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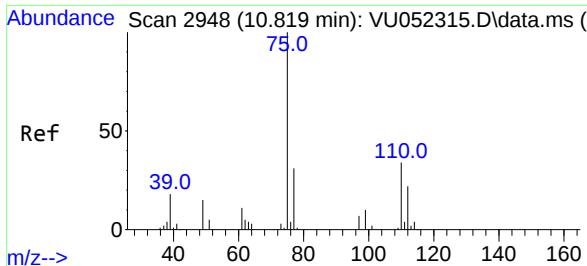
Tgt Ion: 63 Resp: 11454
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#39
cis-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.562 min Scan# 1935
Delta R.T. -0.042 min
Lab File: VU052327.D
Acq: 10 Dec 2022 01:39

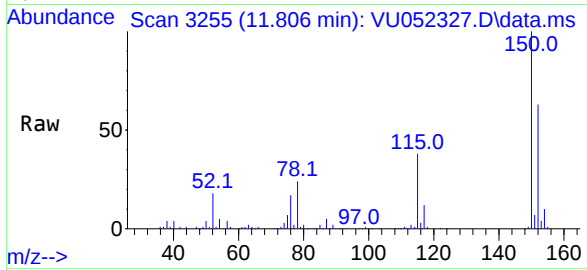
Tgt Ion: 75 Resp: 2623
Ion Ratio Lower Upper
75 100
77 44.1 22.0 40.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.045 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052327.D
 Acq: 10 Dec 2022 01:39

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ER7



Tgt Ion: 75 Resp: 10909

Ion	Ratio	Lower	Upper
75	100		
110	2.0	28.3	42.5#
77	30.7	26.2	39.2

