

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090524\
 Data File : VU060616.D
 Acq On : 05 Sep 2024 11:36
 Operator : MD/SY
 Sample : P3809-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 02:04:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 06 02:03:06 2024
 Response via : Initial Calibration

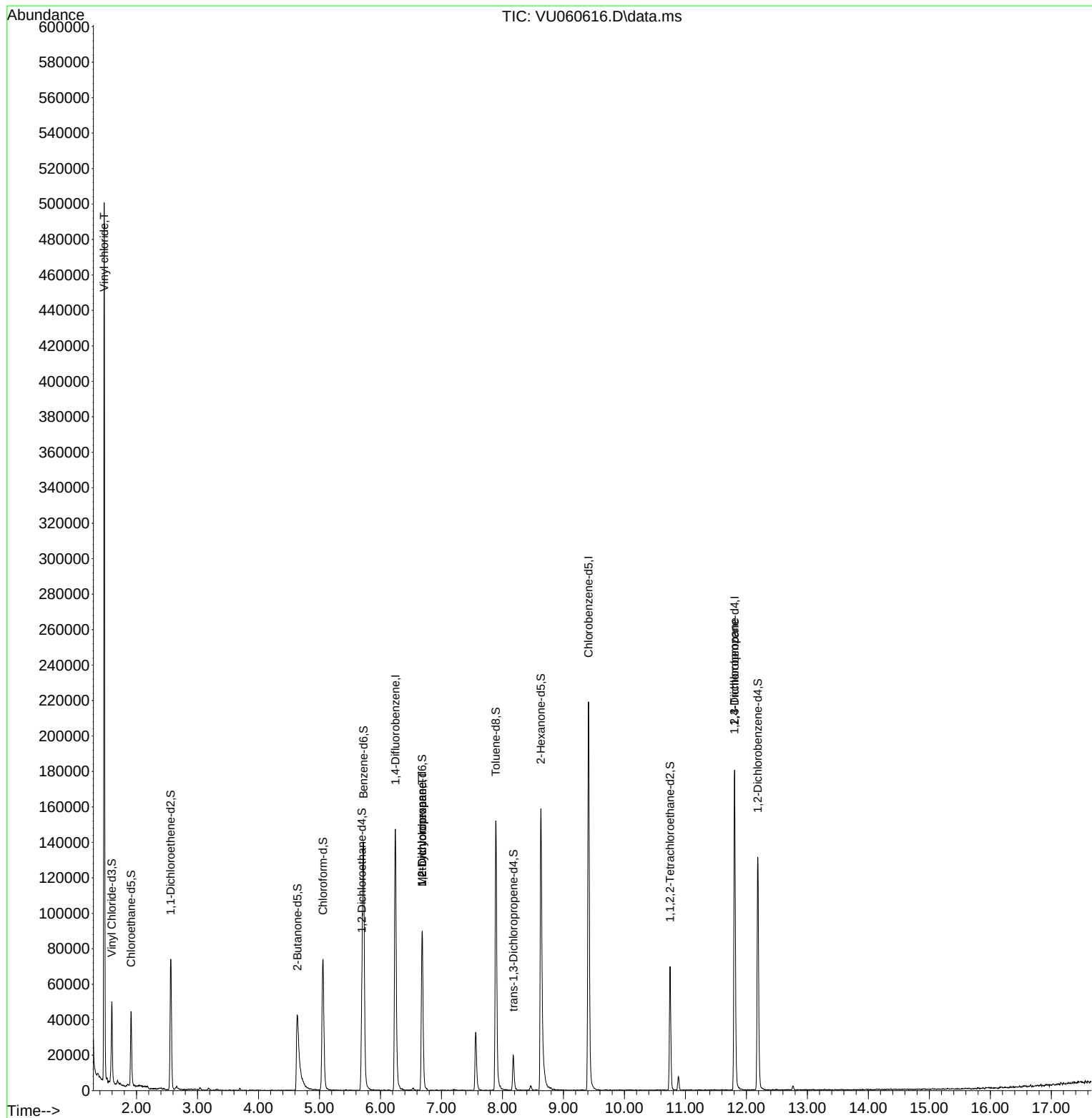
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	125003	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133919	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	51707	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32994	5.976	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.600%
7) Chloroethane-d5	1.911	69	32379	3.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.560	65	14364	4.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.637	46	87011	45.829	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.660%
24) Chloroform-d	5.058	84	72801	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
26) 1,2-Dichloroethane-d4	5.695	65	37702	4.590	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.721	84	134098	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.685	67	46264	4.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.891	98	110526	4.023	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.180	79	13430	3.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.630	63	57911	35.774	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	35132	4.179	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	38798	5.089	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
5) Vinyl chloride	1.470	62	4488	0.371	ug/L #	43
35) Methylcyclohexane	6.685	83	10391	0.658	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	4845	0.445	ug/L #	91
61) 1,2,3-Trichloropropane	11.804	75	6325	1.268	ug/L #	65

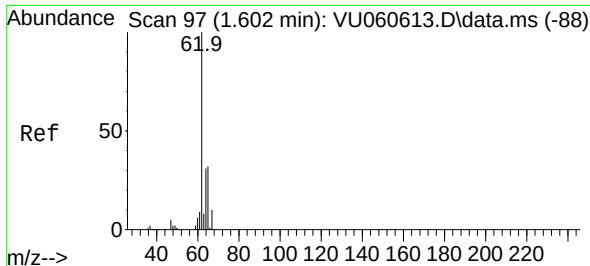
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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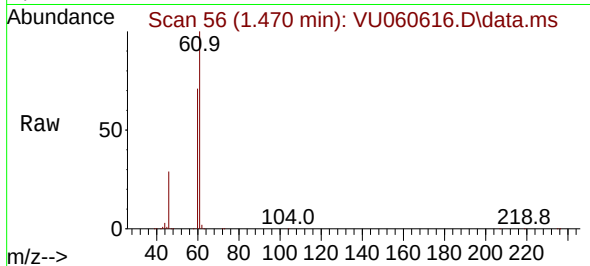
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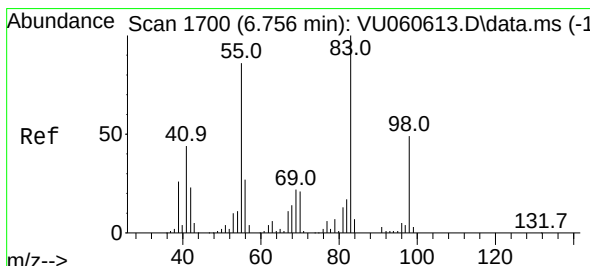
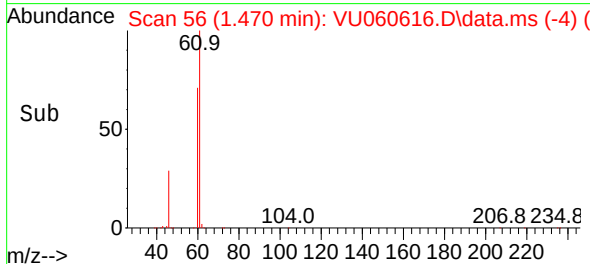
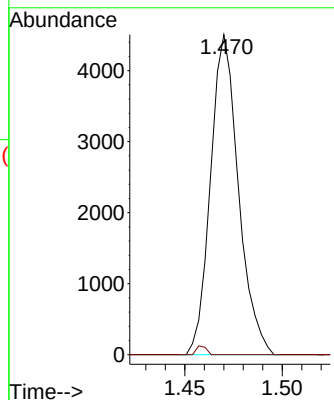


#5
 Vinyl chloride
 Concen: 0.371 ug/L
 RT: 1.470 min Scan# 51
 Delta R.T. -0.132 min
 Lab File: VU060616.D
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Instrument :
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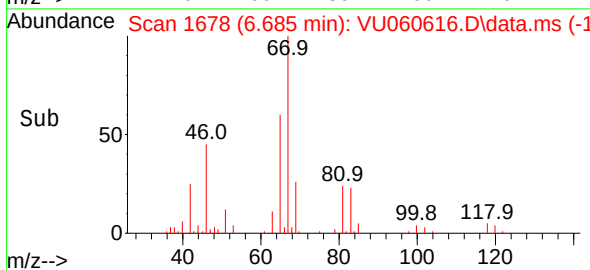
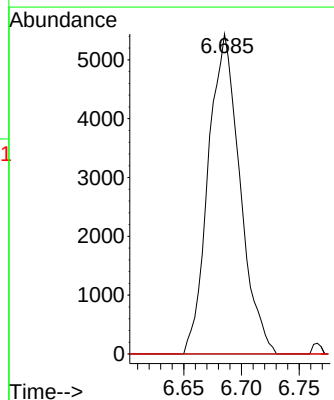
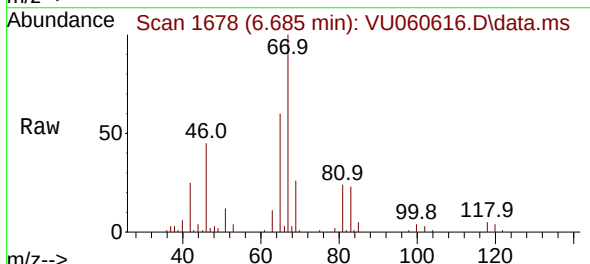


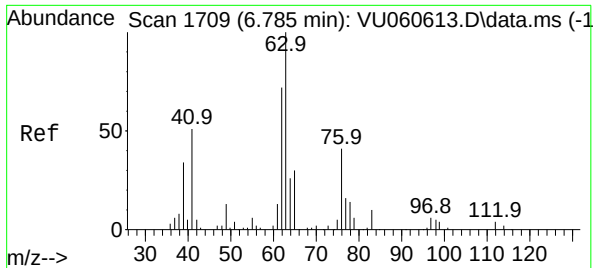
Tgt Ion: 62 Resp: 4488
 Ion Ratio Lower Upper
 62 100
 64 0.0 22.0 40.8#



#35
 Methylcyclohexane
 Concen: 0.658 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.071 min
 Lab File: VU060616.D
 Acq: 05 Sep 2024 11:36

Tgt Ion: 83 Resp: 10391
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.8 98.8#
 98 0.5 37.8 56.8#

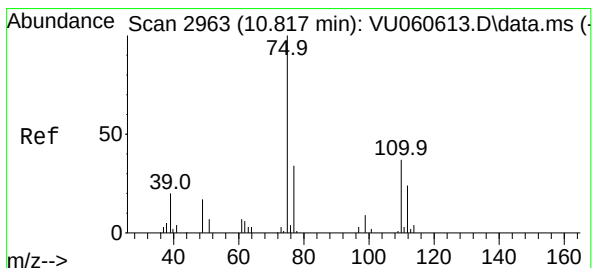
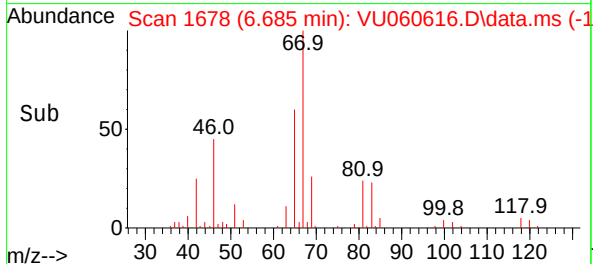
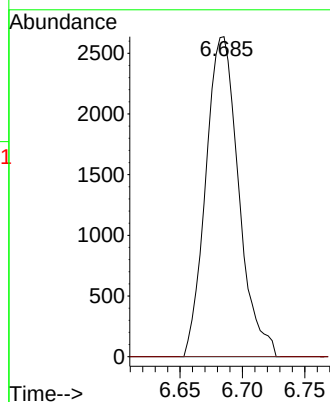
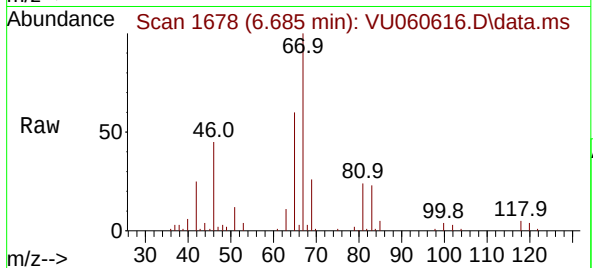




#37
1,2-Dichloropropane
Concen: 0.445 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060616.D
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Tgt Ion: 63 Resp: 4845
Ion Ratio Lower Upper
63 100
112 0.0 2.3 3.5#



#61
1,2,3-Trichloropropane
Concen: 1.268 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.987 min
Lab File: VU060616.D
Acq: 05 Sep 2024 11:36

Tgt Ion: 75 Resp: 6325
Ion Ratio Lower Upper
75 100
110 0.0 30.2 45.4#
77 32.6 25.4 38.2

