

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056592.D
 Acq On : 22 Nov 2023 16:37
 Operator : MD/SY
 Sample : 05441-17DL 10X
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 23 03:43:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

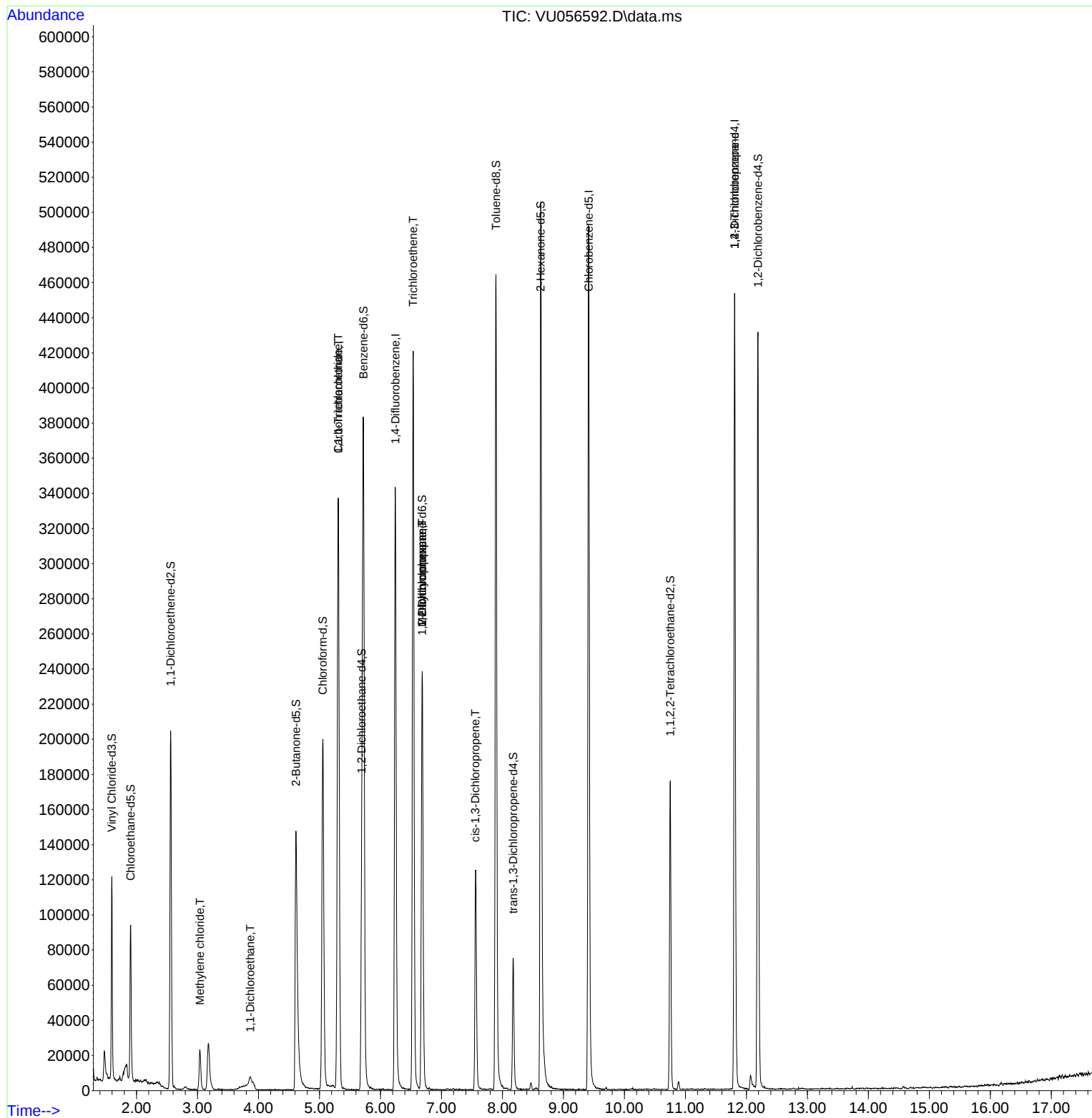
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	279575	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	284467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	120870	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	79987	3.825	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.904	69	71533	4.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.560	65	39499	4.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.615	46	217316	52.118	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.240%
24) Chloroform-d	5.055	84	190949	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.692	65	97942	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.721	84	370698	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.685	67	117465	4.599	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.894	98	324257	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	8.177	79	43950	4.486	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.627	63	174411	45.303	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87970	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	113725	5.093	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	11232	0.496	ug/L	93
19) 1,1-Dichloroethane	3.865	63	4774	0.137	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	253683	7.769	ug/L	99
31) Carbon tetrachloride	5.309	117	31448	1.121	ug/L	99
34) Trichloroethene	6.537	95	149924	6.779	ug/L	99
35) Methylcyclohexane	6.685	83	27607	0.865	ug/L	# 18
37) 1,2-Dichloropropane	6.682	63	12732	0.601	ug/L	# 88
39) cis-1,3-Dichloropropene	7.557	75	3427	0.110	ug/L	# 66
61) 1,2,3-Trichloropropane	11.807	75	15544	1.499	ug/L	# 67

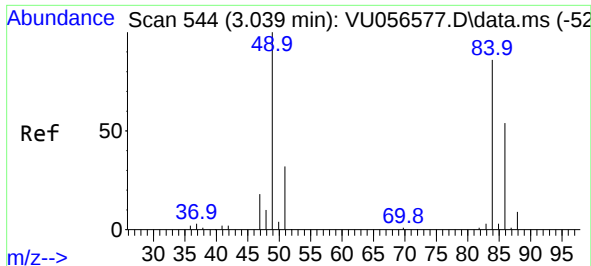
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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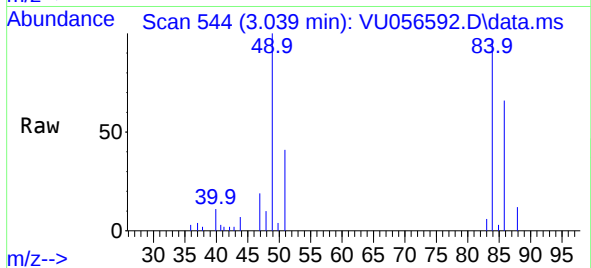
Quant Time: Nov 23 03:43:22 2023
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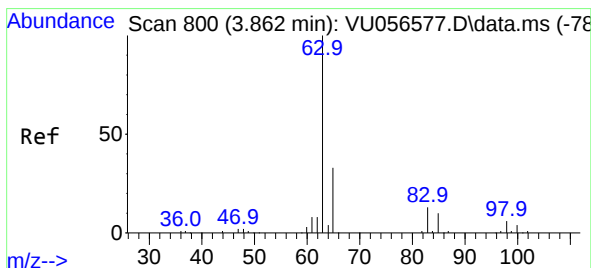
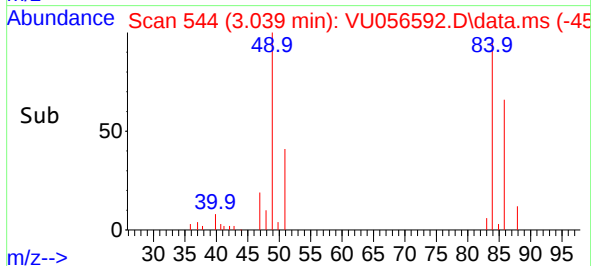
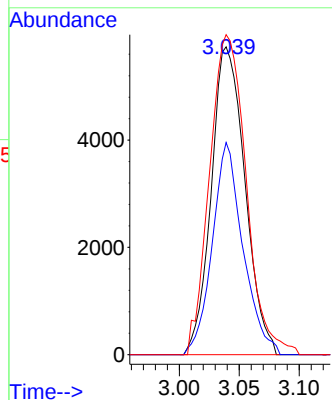
#16
Methylene chloride
Concen: 0.496 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU056592.D
Acq: 22 Nov 2023 16:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 84 Resp: 11232

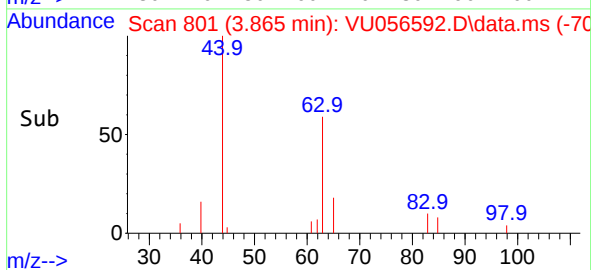
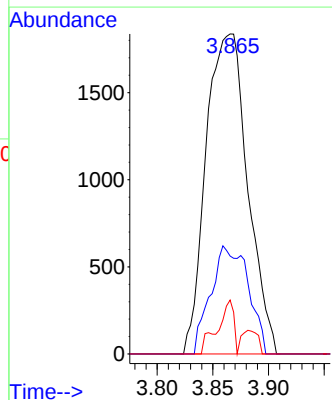
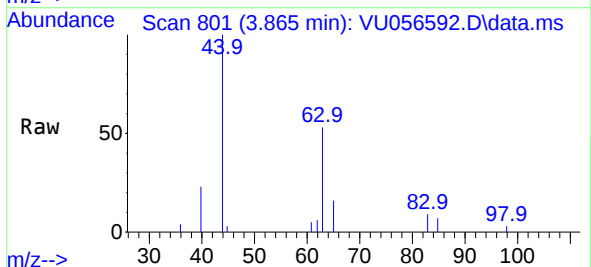
Ion	Ratio	Lower	Upper
84	100		
86	68.9	44.7	83.1
49	108.3	81.8	152.0

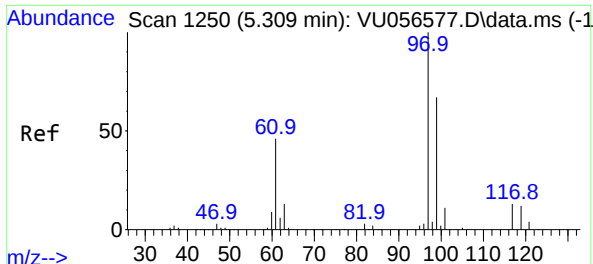


#19
1,1-Dichloroethane
Concen: 0.137 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.003 min
Lab File: VU056592.D
Acq: 22 Nov 2023 16:37

Tgt Ion: 63 Resp: 4774

Ion	Ratio	Lower	Upper
63	100		
65	30.6	21.8	40.6
83	16.9	9.7	17.9

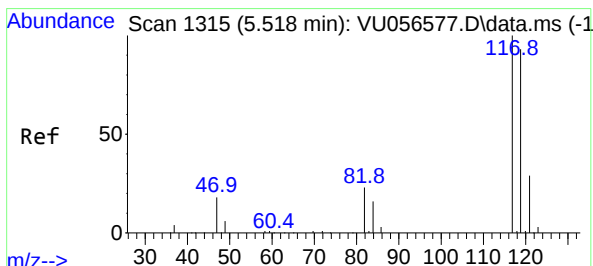
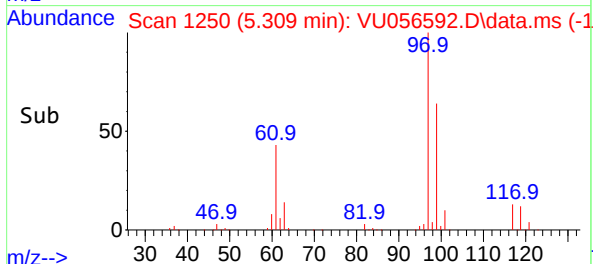
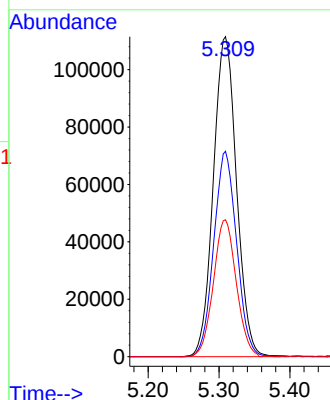
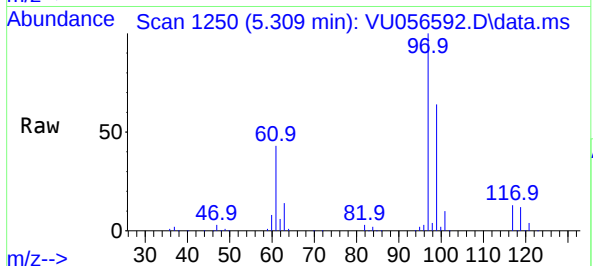




#29
1,1,1-Trichloroethane
Concen: 7.769 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VU056592.D
Acq: 22 Nov 2023 16:37

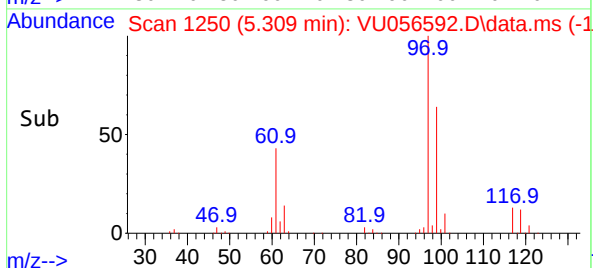
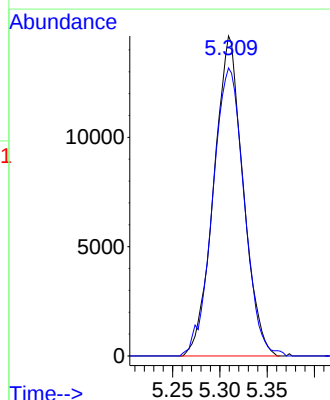
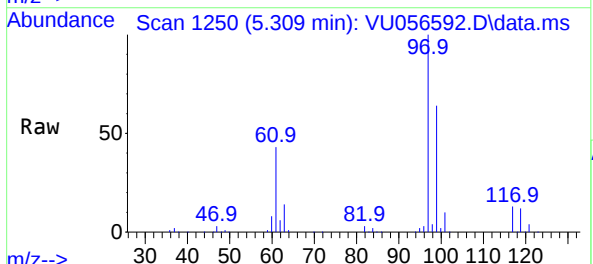
Instrument :
MSVOA_U
ClientSampleId :

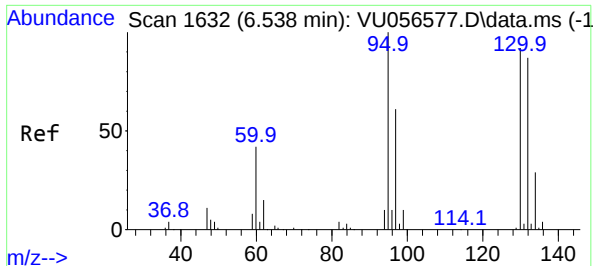
Tgt Ion: 97 Resp: 253683
Ion Ratio Lower Upper
97 100
99 63.4 51.6 77.4
61 42.2 34.3 51.5



#31
Carbon tetrachloride
Concen: 1.121 ug/L
RT: 5.309 min Scan# 1250
Delta R.T. -0.212 min
Lab File: VU056592.D
Acq: 22 Nov 2023 16:37

Tgt Ion: 117 Resp: 31448
Ion Ratio Lower Upper
117 100
119 96.9 78.1 117.1

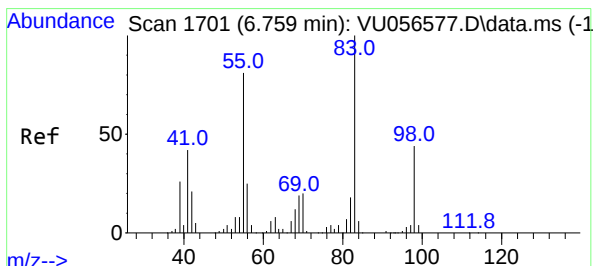
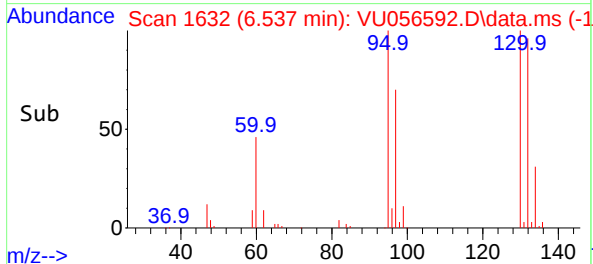
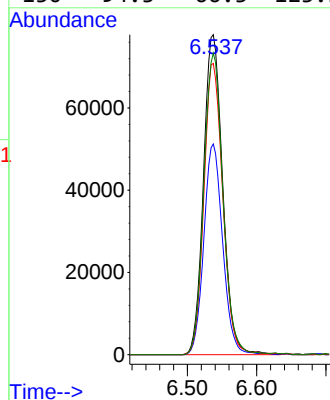
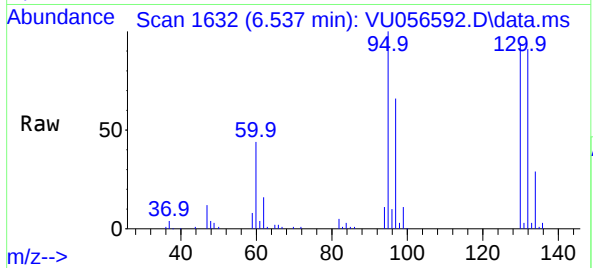




#34
Trichloroethene
Concen: 6.779 ug/L
RT: 6.537 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU056592.D
Acq: 22 Nov 2023 16:37

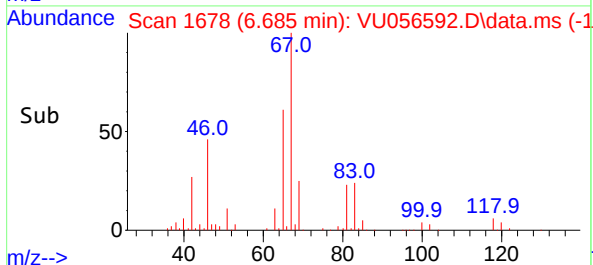
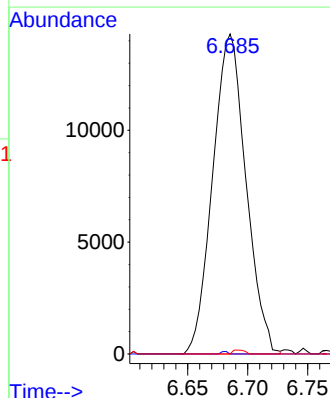
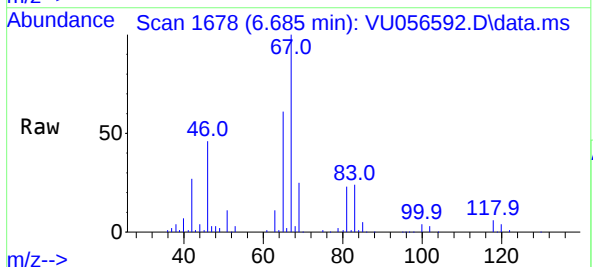
Instrument :
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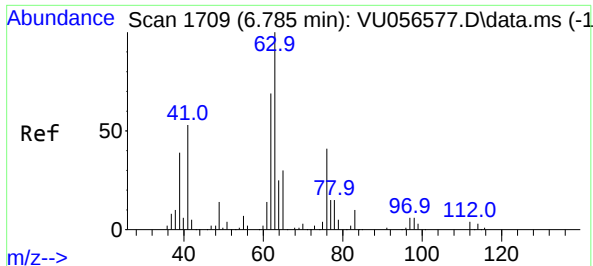
Tgt Ion: 95 Resp: 149924
Ion Ratio Lower Upper
95 100
97 65.9 46.5 86.3
132 91.0 62.0 115.2
130 94.3 66.3 123.1



#35
Methylcyclohexane
Concen: 0.865 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU056592.D
Acq: 22 Nov 2023 16:37

Tgt Ion: 83 Resp: 27607
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 0.4 35.3 52.9#

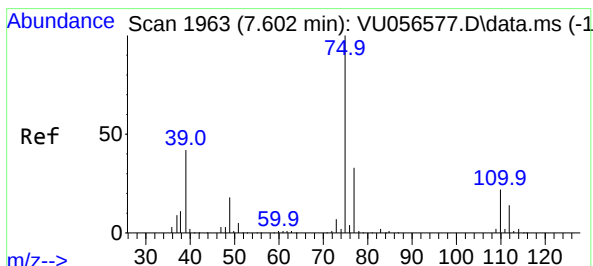
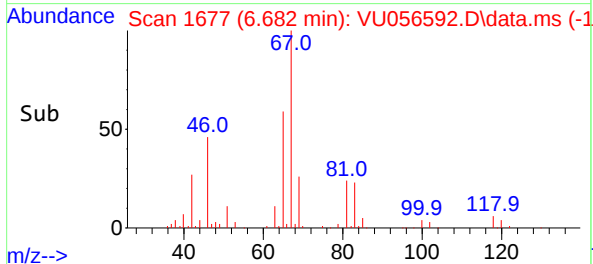
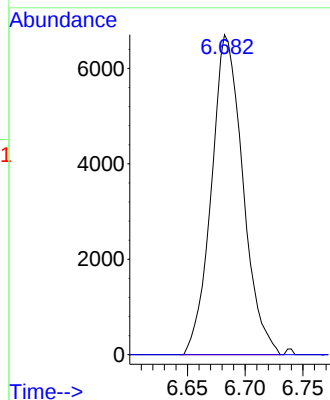
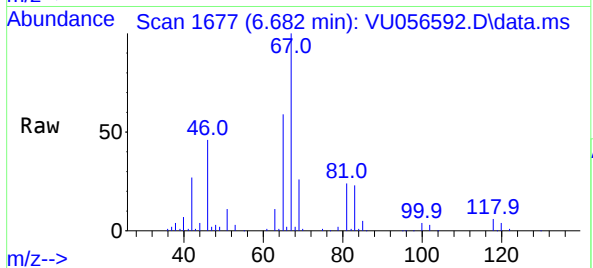




#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056592.D
Acq: 22 Nov 2023 16:37

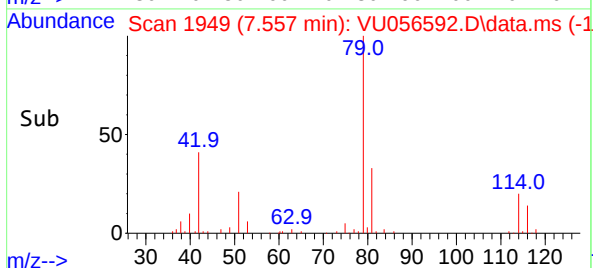
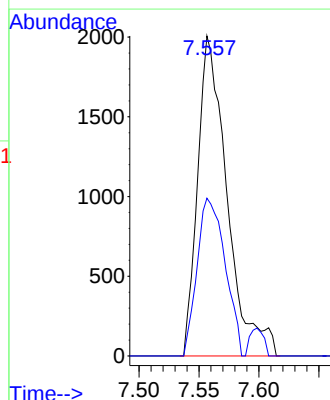
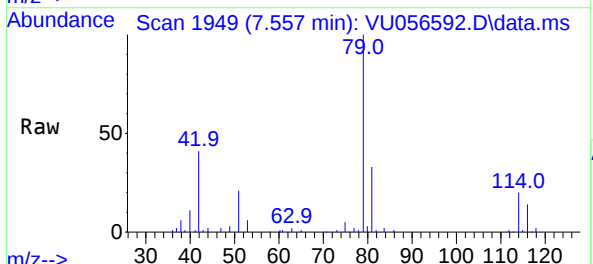
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MSVOA_U
ClientSampleId :

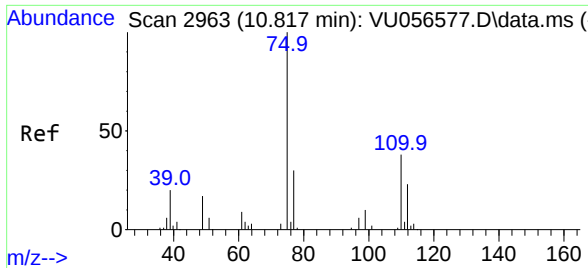
Tgt Ion: 63 Resp: 12732
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.110 ug/L
RT: 7.557 min Scan# 1949
Delta R.T. -0.045 min
Lab File: VU056592.D
Acq: 22 Nov 2023 16:37

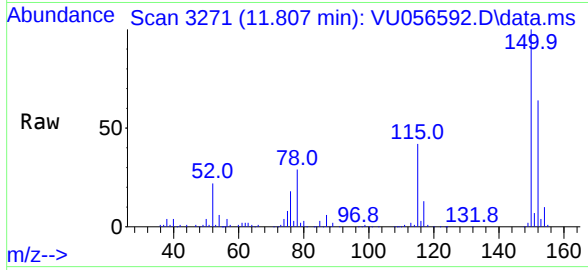
Tgt Ion: 75 Resp: 3427
Ion Ratio Lower Upper
75 100
77 49.3 21.5 39.9#





#61
1,2,3-Trichloropropane
Concen: 1.499 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056592.D
Acq: 22 Nov 2023 16:37

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 15544
Ion Ratio Lower Upper
75 100
110 2.5 30.4 45.6#
77 32.1 27.0 40.6

