

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091423\
 Data File : VU055307.D
 Acq On : 14 Sep 2023 15:25
 Operator : MD/SY
 Sample : 04386-15
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 15 03:02:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 15 02:53:52 2023
 Response via : Initial Calibration

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

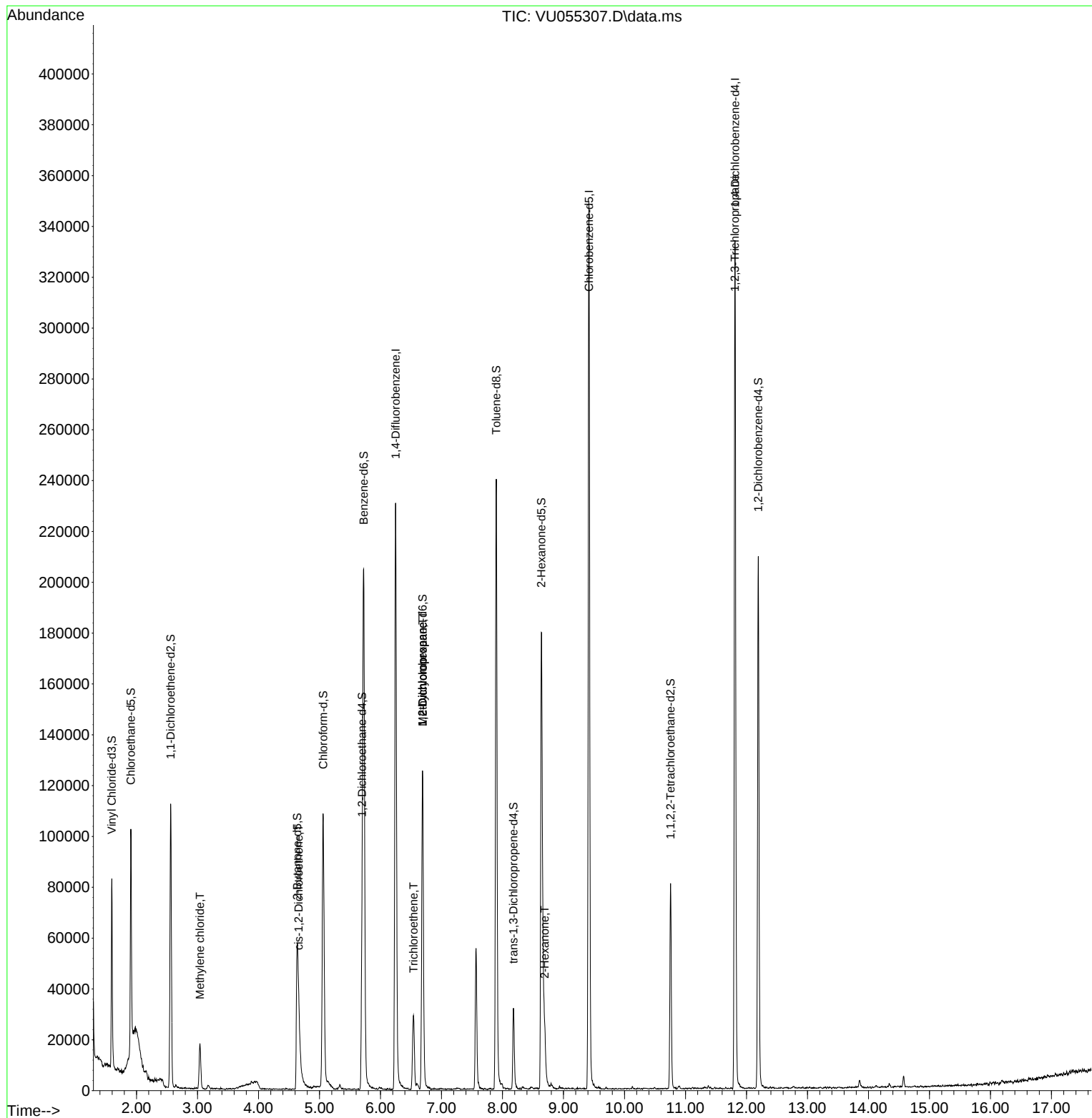
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	191978	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	193580	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	90860	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	54421	6.048	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.000%
7) Chloroethane-d5	1.907	69	60672	5.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.600%
11) 1,1-Dichloroethene-d2	2.560	65	21772	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.634	46	103838	39.769	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.540%
24) Chloroform-d	5.058	84	98867	4.141	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
26) 1,2-Dichloroethane-d4	5.698	65	51206	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
32) Benzene-d6	5.724	84	199101	4.167	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.689	67	60939	4.010	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.898	98	166428	3.781	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	8.180	79	18916	4.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.637	63	59370	34.941	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.880%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	40812	3.818	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	53170	4.009	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	8547	0.630	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	3100	0.281	ug/L	89
34) Trichloroethene	6.544	95	8761	0.765	ug/L	97
35) Methylcyclohexane	6.689	83	13692	0.852	ug/L	# 20
37) 1,2-Dichloropropane	6.689	63	6552	0.584	ug/L	# 90
48) 2-Hexanone	8.692	43	14385	2.870	ug/L	# 88
61) 1,2,3-Trichloropropane	11.811	75	11240	1.864	ug/L	# 70

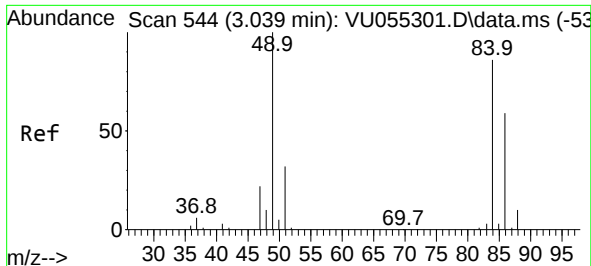
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU055307.D
Acq On : 14 Sep 2023 15:25
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Sep 15 03:02:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 15 02:53:52 2023
Response via : Initial Calibration

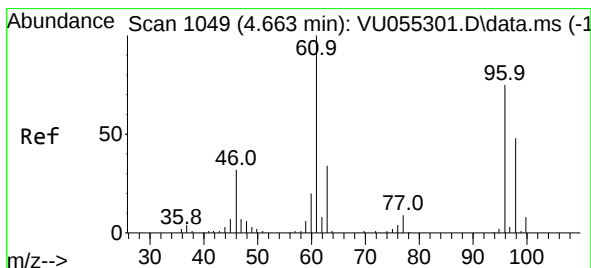
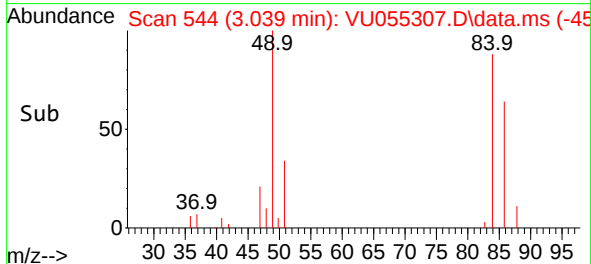
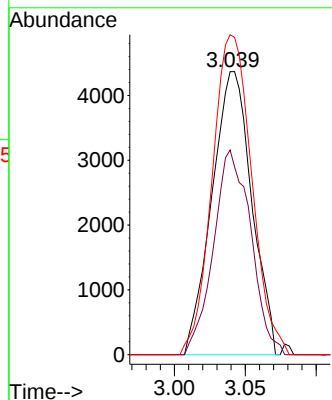
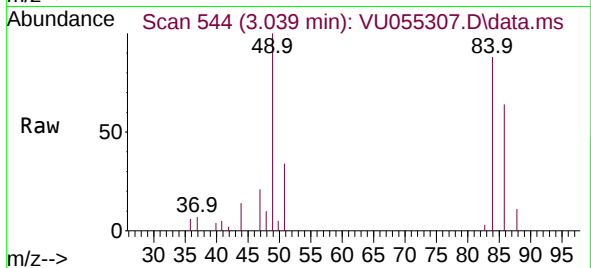




#16
Methylene chloride
Concen: 0.630 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055307.D
Acq: 14 Sep 2023 15:25

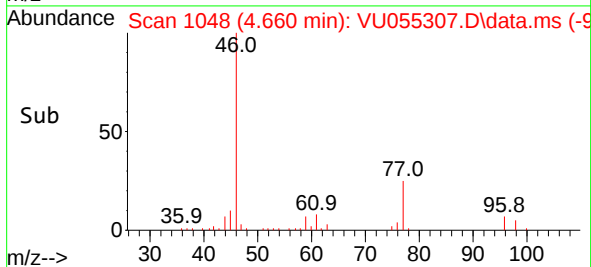
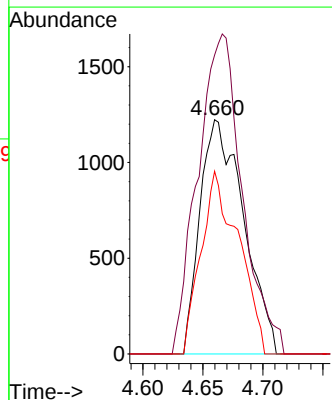
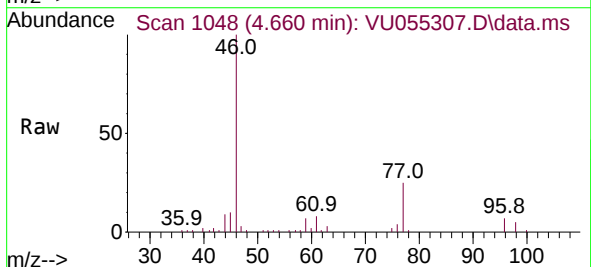
Instrument :
MSVOA_U
ClientSampleId :

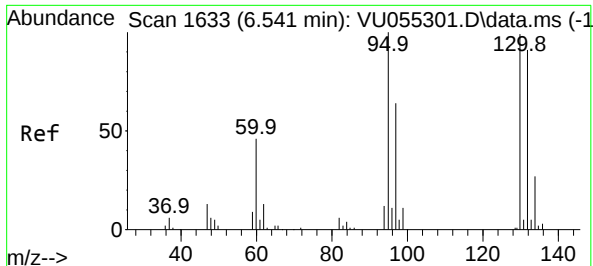
Tgt Ion: 84 Resp: 8547
Ion Ratio Lower Upper
84 100
86 72.3 43.4 80.6
49 119.0 87.7 162.9



#22
cis-1,2-Dichloroethene
Concen: 0.281 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055307.D
Acq: 14 Sep 2023 15:25

Tgt Ion: 96 Resp: 3100
Ion Ratio Lower Upper
96 100
61 127.6 97.2 180.4
98 78.0 46.1 85.7

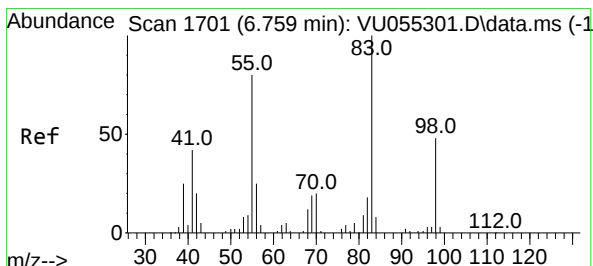
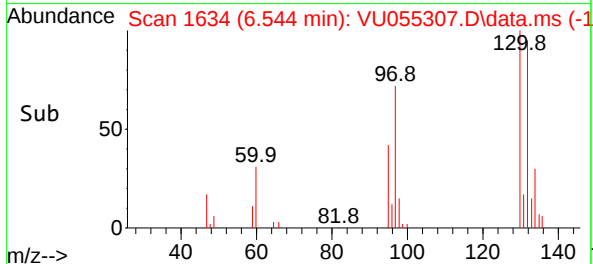
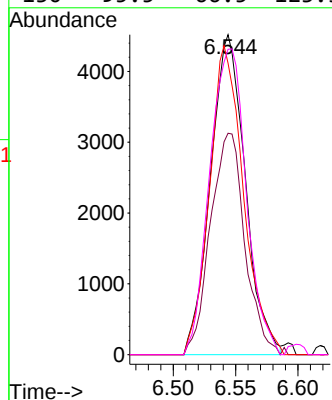
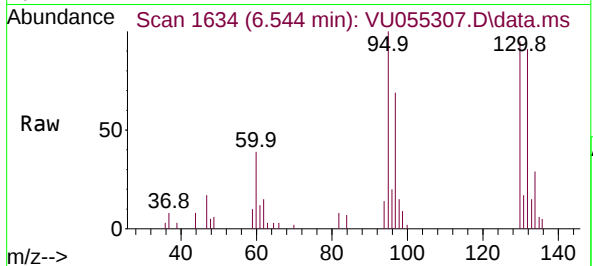




#34
Trichloroethene
Concen: 0.765 ug/L
RT: 6.544 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU055307.D
Acq: 14 Sep 2023 15:25

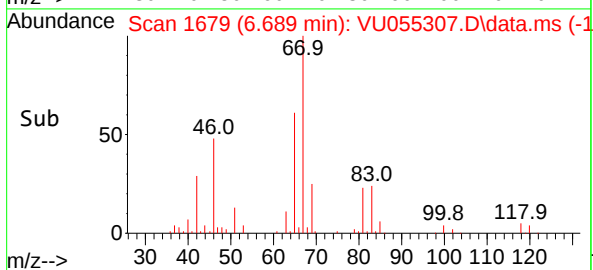
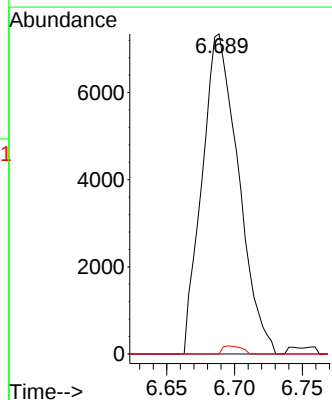
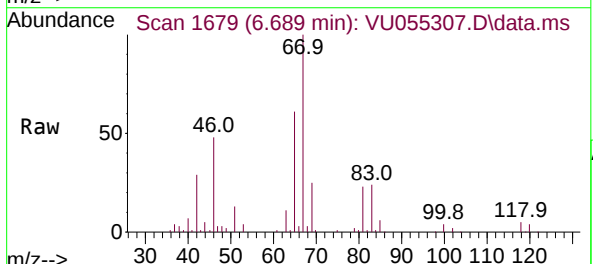
Instrument :
MSVOA_U
ClientSampleId :

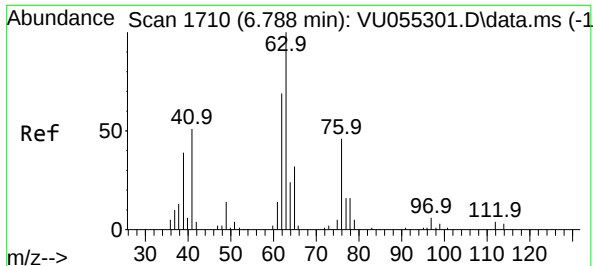
Tgt Ion:	95	Resp:	8761
Ion	Ratio	Lower	Upper
95	100		
97	69.2	44.7	83.1
132	91.1	66.6	123.6
130	95.5	66.5	123.5



#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055307.D
Acq: 14 Sep 2023 15:25

Tgt Ion:	83	Resp:	13692
Ion	Ratio	Lower	Upper
83	100		
55	0.0	60.4	90.6#
98	1.3	35.3	52.9#

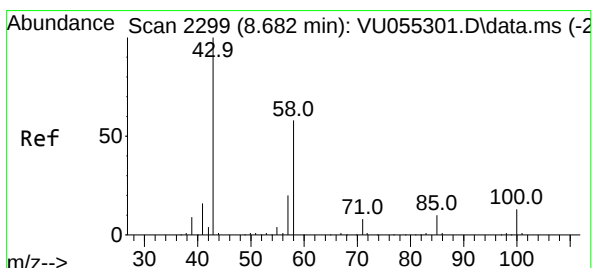
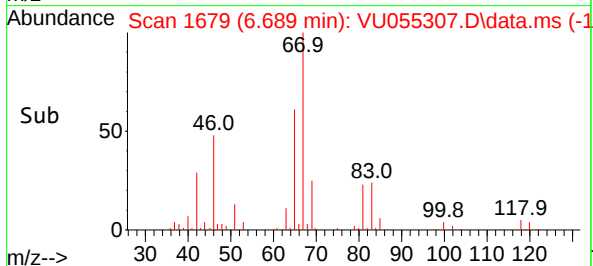
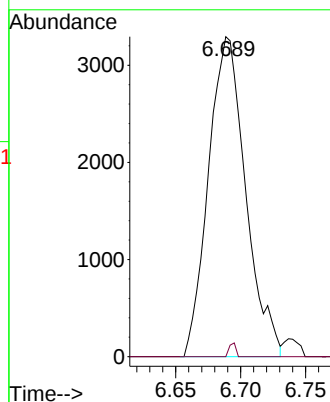
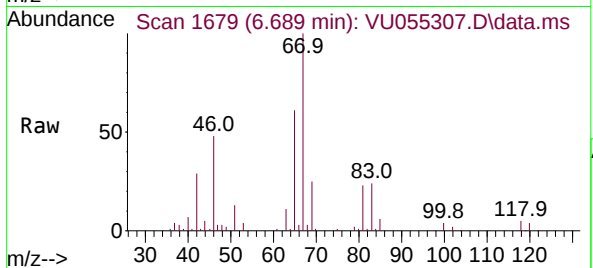




#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.689 min Scan# 11
Delta R.T. -0.100 min
Lab File: VU055307.D
Acq: 14 Sep 2023 15:25

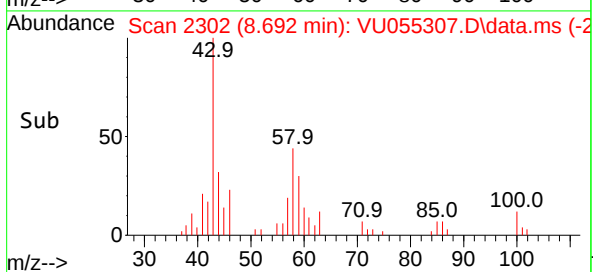
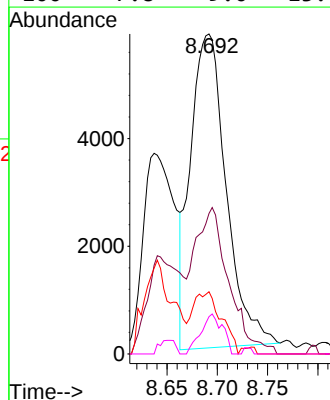
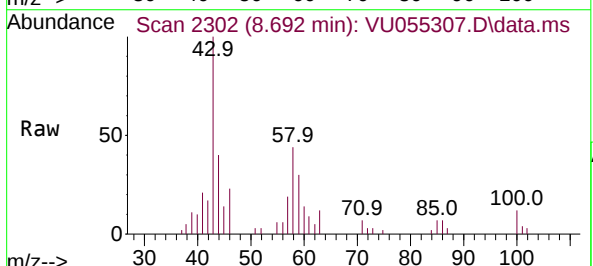
Instrument :
MSVOA_U
ClientSampleId :

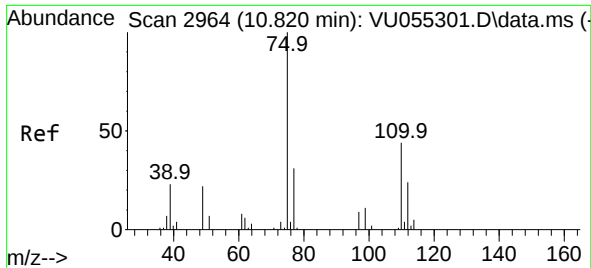
Tgt Ion: 63 Resp: 6552
Ion Ratio Lower Upper
63 100
112 0.8 3.2 4.8#



#48
2-Hexanone
Concen: 2.870 ug/L
RT: 8.692 min Scan# 2302
Delta R.T. 0.010 min
Lab File: VU055307.D
Acq: 14 Sep 2023 15:25

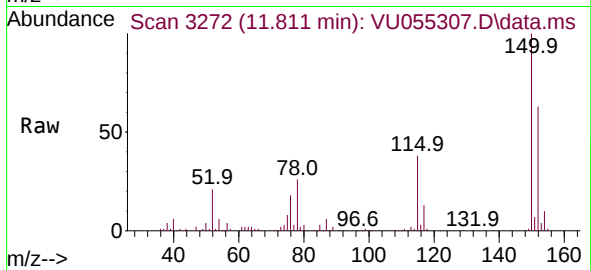
Tgt Ion: 43 Resp: 14385
Ion Ratio Lower Upper
43 100
58 44.7 44.0 66.0
57 16.2 16.2 24.2
100 7.8 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.864 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055307.D
 Acq: 14 Sep 2023 15:25

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11240
 Ion Ratio Lower Upper
 75 100
 110 3.1 28.2 42.2#
 77 34.9 26.2 39.4

