

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091323\
 Data File : VU055287.D
 Acq On : 13 Sep 2023 16:16
 Operator : MD/SY
 Sample : 04356-08DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 14 05:06:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 14 05:00:29 2023
 Response via : Initial Calibration

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

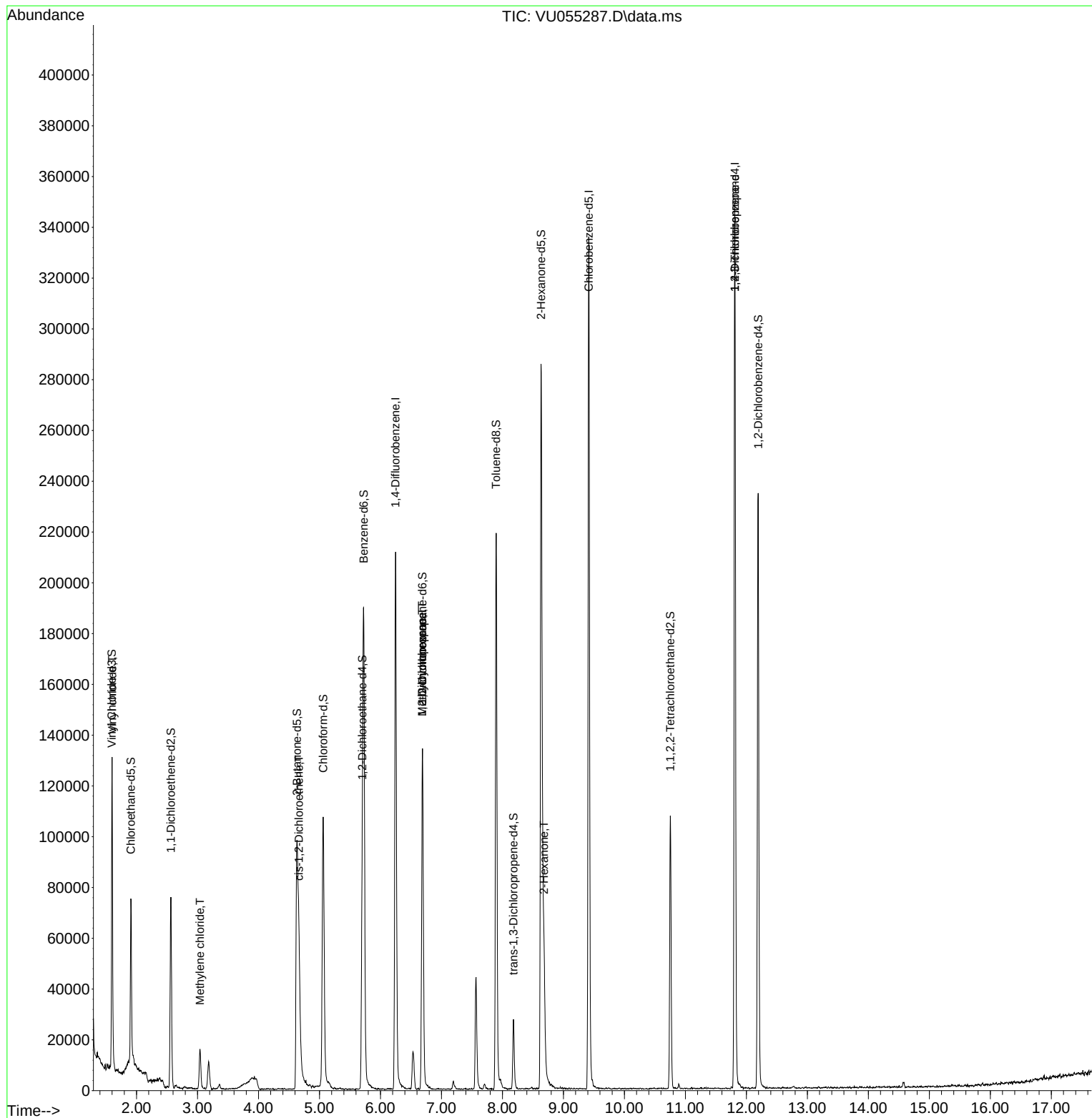
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	167862	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	186969	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	91641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25865	3.288	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.800%
7) Chloroethane-d5	1.907	69	45633	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.563	65	14597	3.256	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	4.631	46	155516	68.118	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	136.240%#
24) Chloroform-d	5.062	84	98371	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.701	65	55812	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.724	84	176375	3.822	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.400%
36) 1,2-Dichloropropane-d6	6.689	67	63540	4.329	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.898	98	150317	3.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.180	79	15481	3.830	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.634	63	91003	55.451	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.900%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53881	5.219	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	61509	4.598	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	63299	6.042	ug/L	96
16) Methylene chloride	3.039	84	7662	0.646	ug/L	92
22) cis-1,2-Dichloroethene	4.663	96	14576	1.512	ug/L	98
35) Methylcyclohexane	6.685	83	14882	0.959	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	7108	0.656	ug/L #	88
48) 2-Hexanone	8.682	43	25848	5.340	ug/L #	89
61) 1,2,3-Trichloropropane	11.811	75	11680	1.921	ug/L #	65

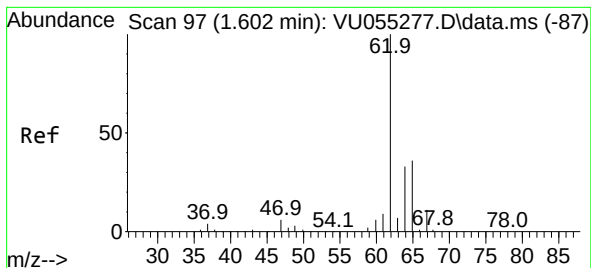
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.042 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

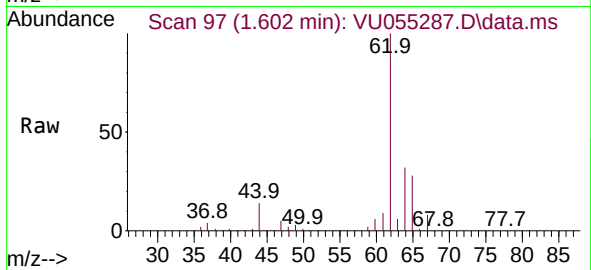
Lab File: VU055287.D

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Instrument :

MSVOA_U

ClientSampleId :

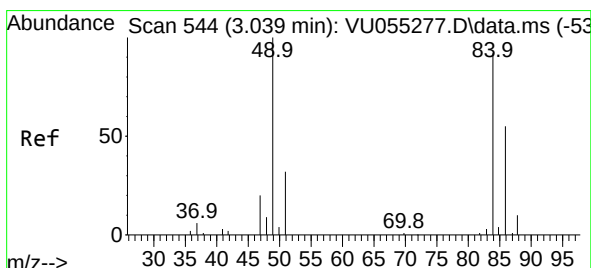
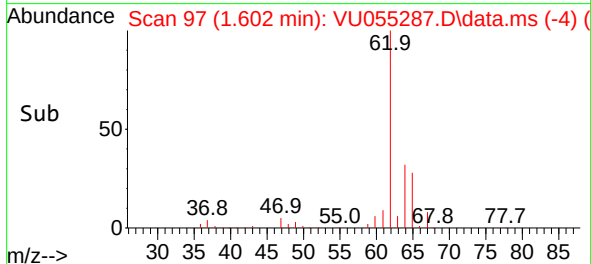
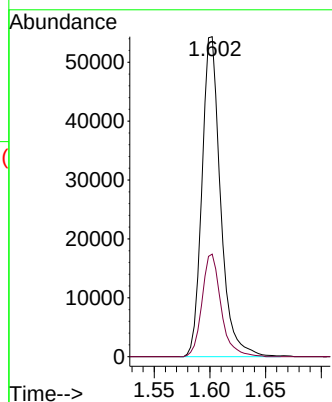


Tgt Ion: 62 Resp: 63299

Ion Ratio Lower Upper

62 100

64 32.0 24.2 45.0



#16

Methylene chloride

Concen: 0.646 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU055287.D

Acq: 13 Sep 2023 16:16

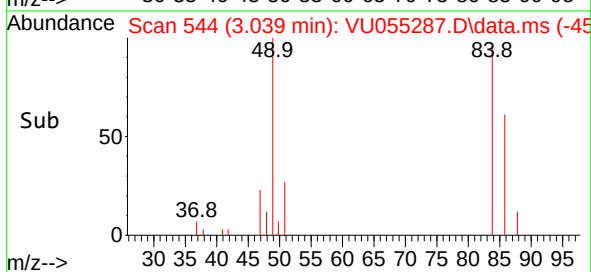
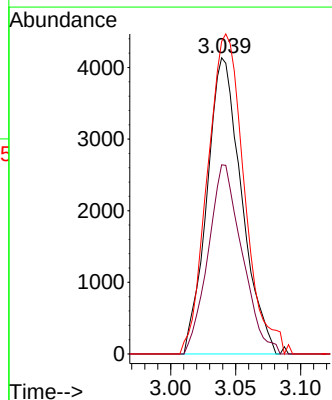
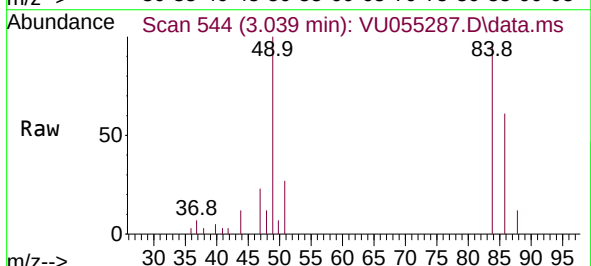
Tgt Ion: 84 Resp: 7662

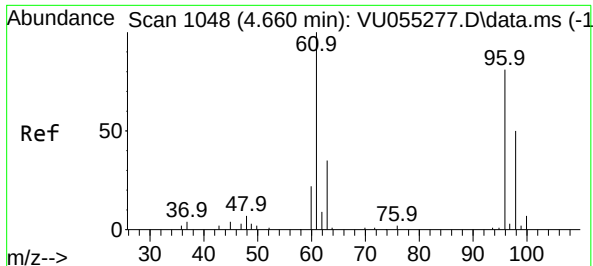
Ion Ratio Lower Upper

84 100

86 63.9 43.4 80.6

49 113.0 87.7 162.9

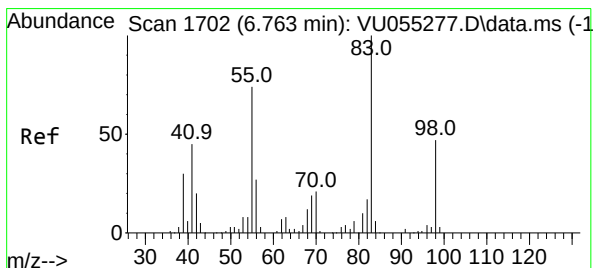
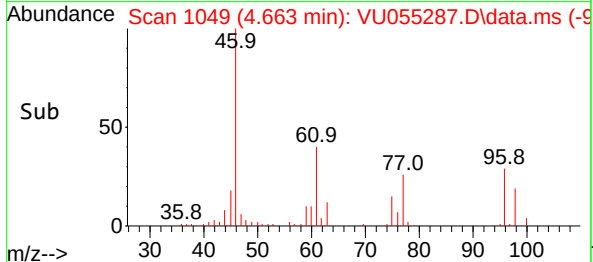
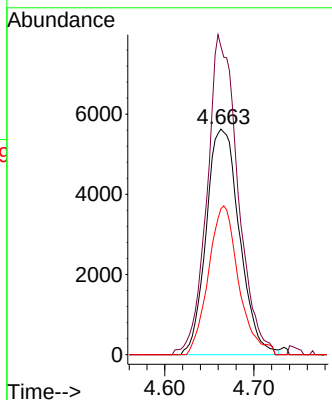
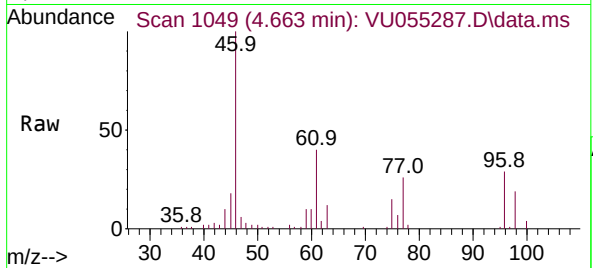




#22
 cis-1,2-Dichloroethene
 Concen: 1.512 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU055287.D
 Acq: 13 Sep 2023 16:16

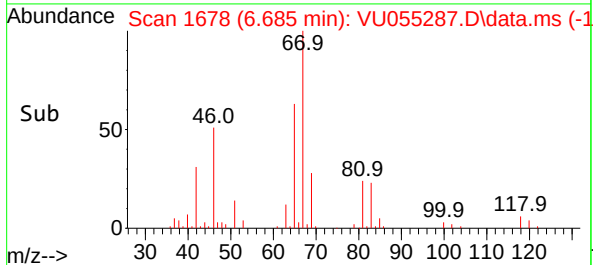
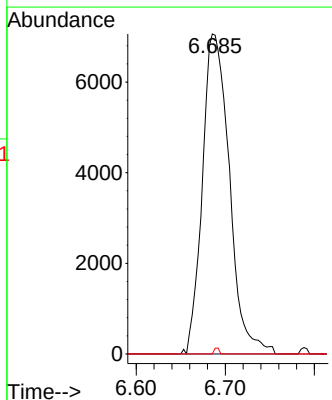
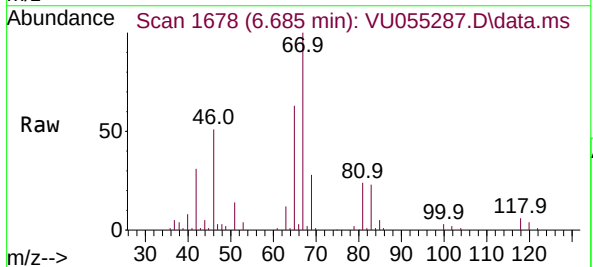
Instrument :
 MSVOA_U
 ClientSampleId :

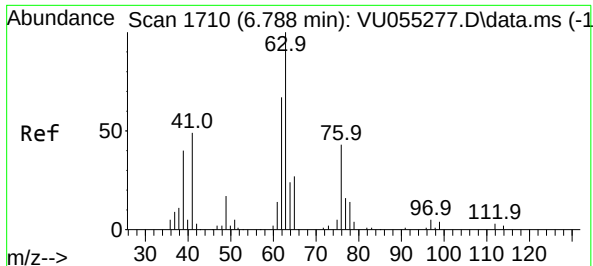
Tgt Ion: 96 Resp: 14576
 Ion Ratio Lower Upper
 96 100
 61 136.6 97.2 180.4
 98 64.7 46.1 85.7



#35
 Methylcyclohexane
 Concen: 0.959 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.077 min
 Lab File: VU055287.D
 Acq: 13 Sep 2023 16:16

Tgt Ion: 83 Resp: 14882
 Ion Ratio Lower Upper
 83 100
 55 0.0 60.4 90.6#
 98 0.3 35.3 52.9#





#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU055287.D

Acq: 13 Sep 2023 16:16

Instrument :

MSVOA_U

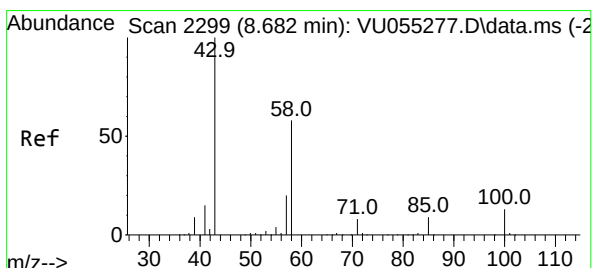
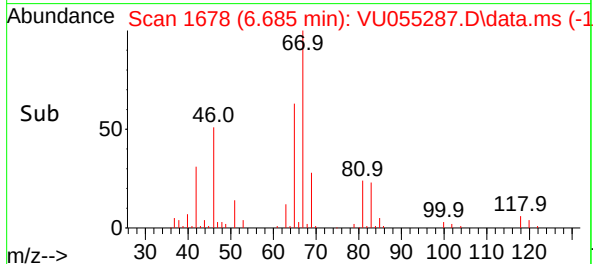
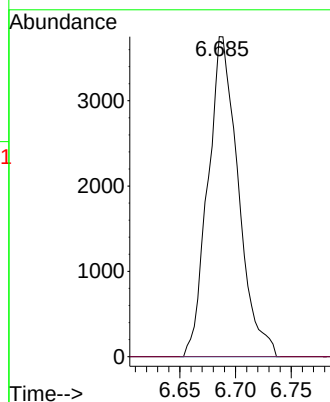
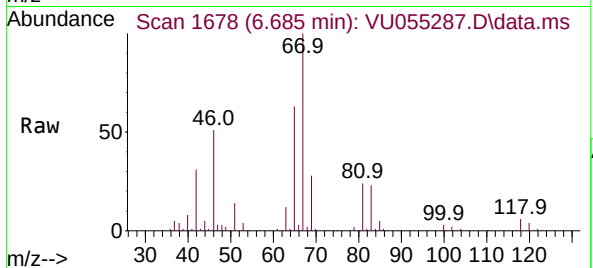
ClientSampleId :

Tgt Ion: 63 Resp: 7108

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#48

2-Hexanone

Concen: 5.340 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU055287.D

Acq: 13 Sep 2023 16:16

Tgt Ion: 43 Resp: 25848

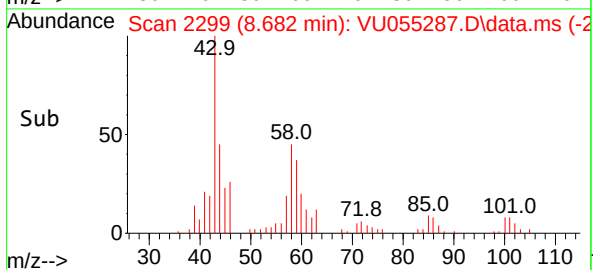
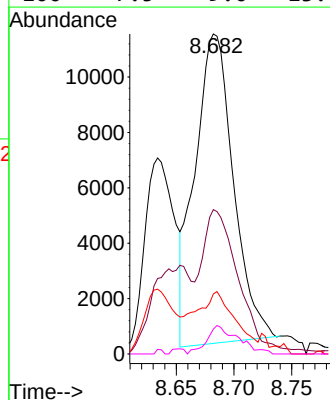
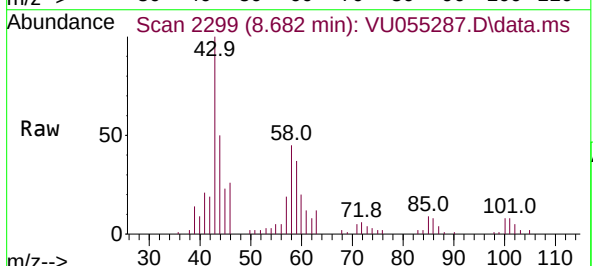
Ion Ratio Lower Upper

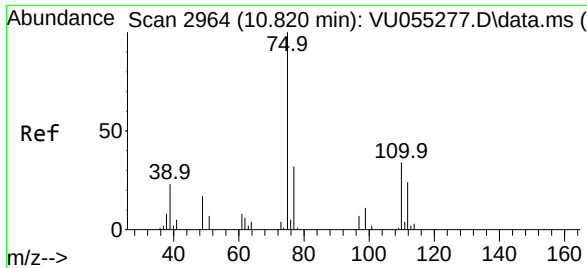
43 100

58 44.6 44.0 66.0

57 20.9 16.2 24.2

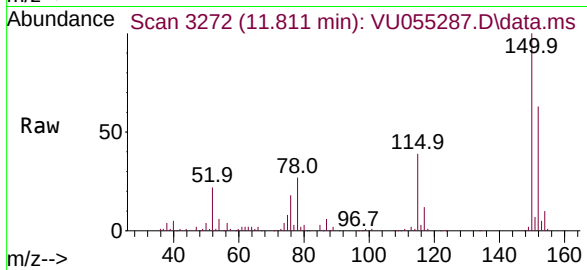
100 7.5 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.921 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055287.D
 Acq: 13 Sep 2023 16:16

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	11680
Ion	Ratio	Lower	Upper
75	100		
110	2.3	28.2	42.2#
77	39.2	26.2	39.4

