

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090523\
 Data File : VU055087.D
 Acq On : 05 Sep 2023 12:24
 Operator : MD/SY
 Sample : 04250-02DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

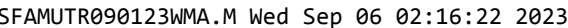
Quant Time: Sep 06 02:16:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 02:14:32 2023
 Response via : Initial Calibration

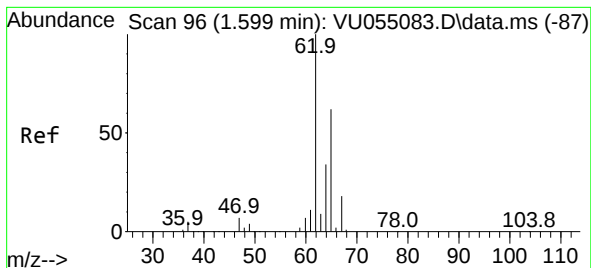
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	185088	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	187235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	95921	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36492	4.207	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.200%	
7) Chloroethane-d5	1.907	69	44245	4.406	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.200%	
11) 1,1-Dichloroethene-d2	2.563	65	21986	4.448	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.000%	
20) 2-Butanone-d5	4.624	46	135668	53.893	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.780%	
24) Chloroform-d	5.058	84	106976	4.647	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
26) 1,2-Dichloroethane-d4	5.701	65	56426	4.900	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.724	84	212859	4.606	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	6.689	67	70489	4.795	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.000%	
41) Toluene-d8	7.897	98	185628	4.360	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	8.180	79	18396	4.544	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.631	63	85541	52.049	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.100%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	52241	5.053	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	66188	4.727	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
5) Vinyl chloride	1.602	62	1304	0.113	ug/L #	65
16) Methylene chloride	3.039	84	5554	0.425	ug/L	85
22) cis-1,2-Dichloroethene	4.663	96	33418	3.145	ug/L	95
34) Trichloroethene	6.541	95	55082	4.974	ug/L	98
35) Methylcyclohexane	6.689	83	15478	0.996	ug/L #	22
37) 1,2-Dichloropropane	6.689	63	7597	0.700	ug/L #	88
39) cis-1,3-Dichloropropene	7.566	75	1816	0.123	ug/L #	66
48) 2-Hexanone	8.685	43	14923	3.079	ug/L #	93
61) 1,2,3-Trichloropropane	11.814	75	13881	2.181	ug/L #	70

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

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#5

Vinyl chloride

Concen: 0.113 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU055087.D

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Instrument :

MSVOA_U

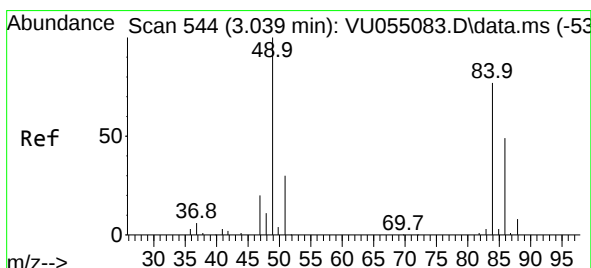
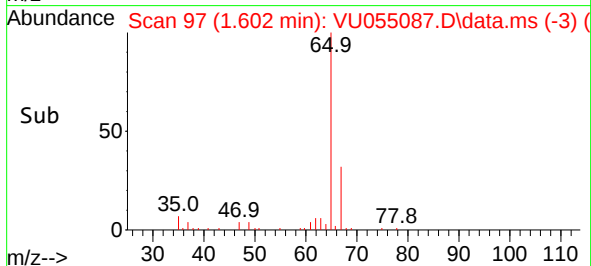
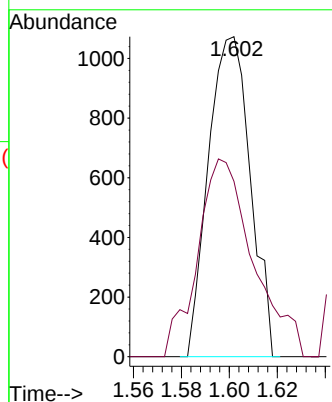
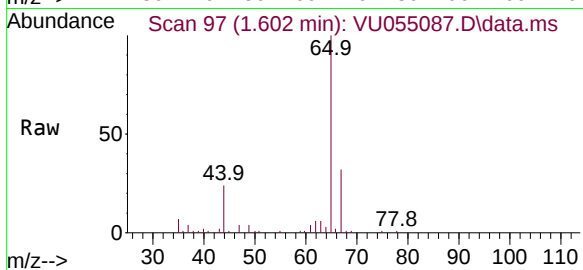
ClientSampleId :

Tgt Ion: 62 Resp: 1304

Ion Ratio Lower Upper

62 100

64 54.8 24.2 45.0#



#16

Methylene chloride

Concen: 0.425 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU055087.D

Acq: 05 Sep 2023 12:24

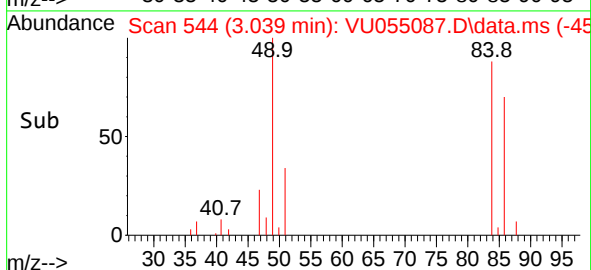
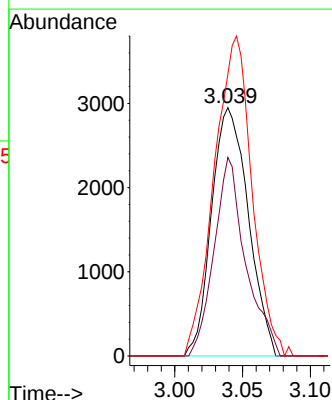
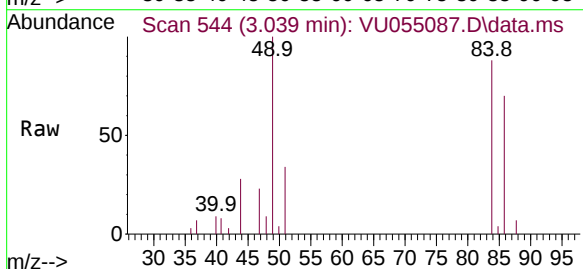
Tgt Ion: 84 Resp: 5554

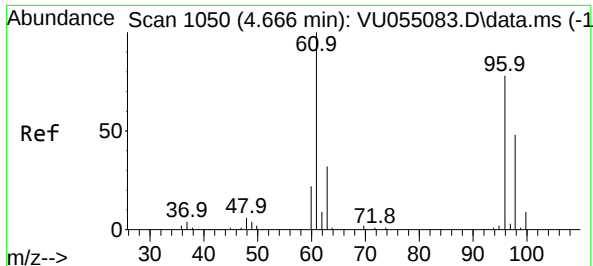
Ion Ratio Lower Upper

84 100

86 79.9 43.4 80.6

49 113.4 87.7 162.9

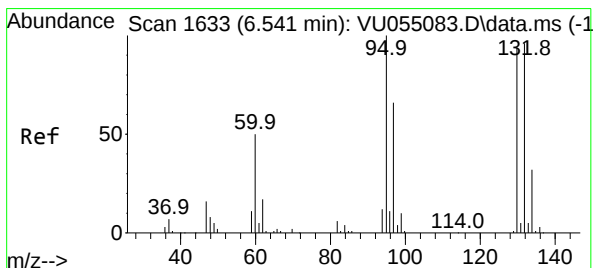
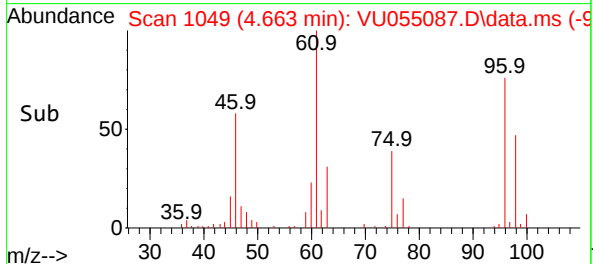
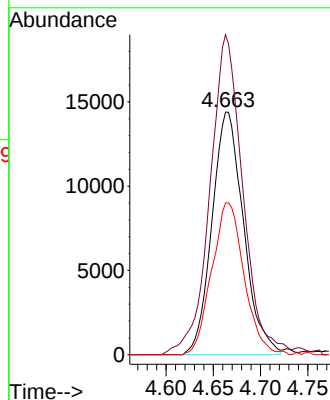
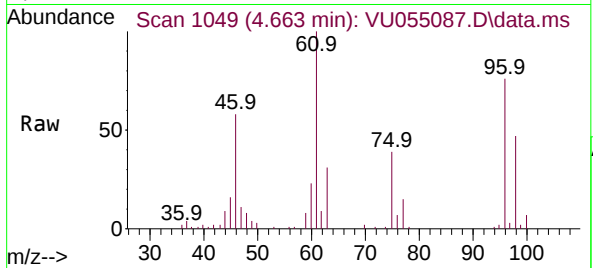




#22
 cis-1,2-Dichloroethene
 Concen: 3.145 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055087.D
 Acq: 05 Sep 2023 12:24

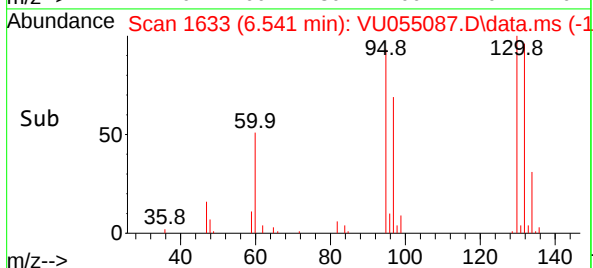
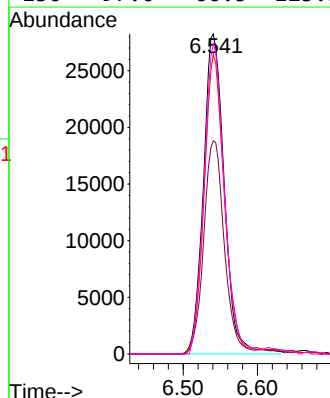
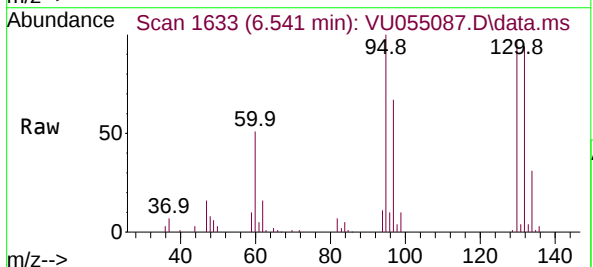
Instrument :
 MSVOA_U
 ClientSampleId :

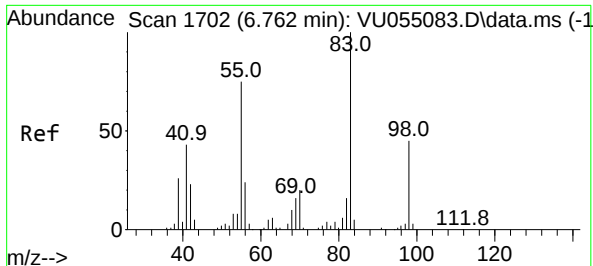
Tgt Ion: 96 Resp: 33418
 Ion Ratio Lower Upper
 96 100
 61 131.9 97.2 180.4
 98 62.5 46.1 85.7



#34
 Trichloroethene
 Concen: 4.974 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055087.D
 Acq: 05 Sep 2023 12:24

Tgt Ion: 95 Resp: 55082
 Ion Ratio Lower Upper
 95 100
 97 66.6 44.7 83.1
 132 93.5 66.6 123.6
 130 97.0 66.5 123.5





#35

Methylcyclohexane

Concen: 0.996 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055087.D

Acq: 05 Sep 2023 12:24

Instrument :

MSVOA_U

ClientSampleId :

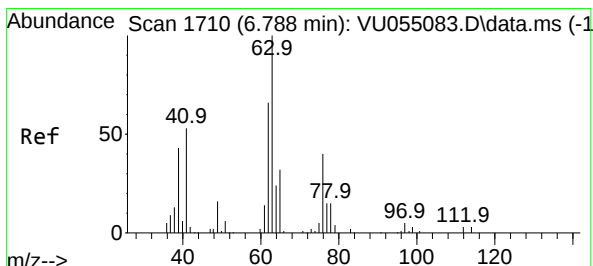
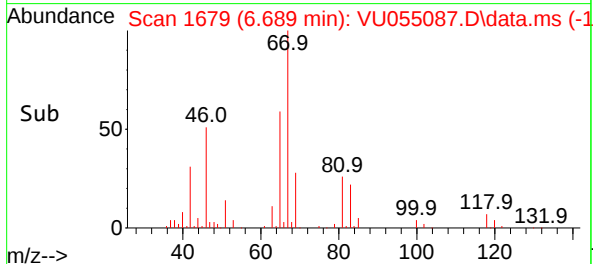
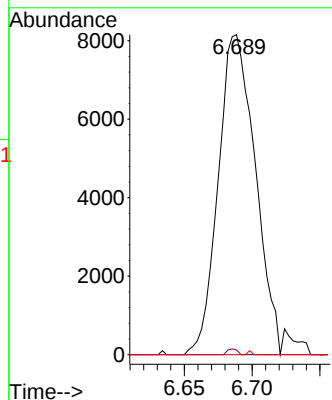
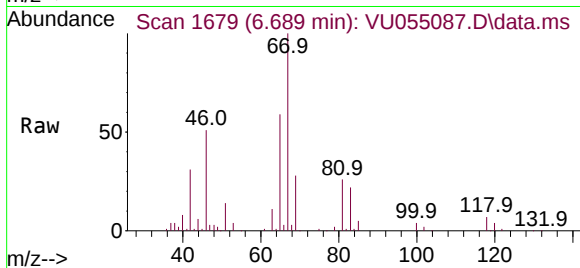
Tgt Ion: 83 Resp: 15478

Ion Ratio Lower Upper

83 100

55 0.5 60.4 90.6#

98 3.9 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.700 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU055087.D

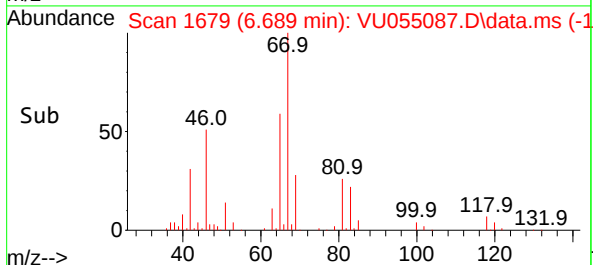
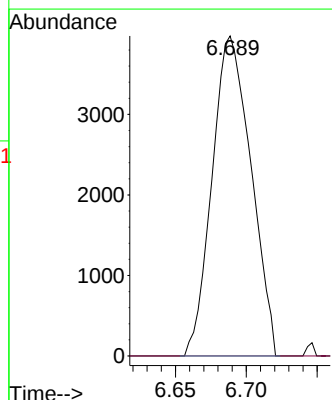
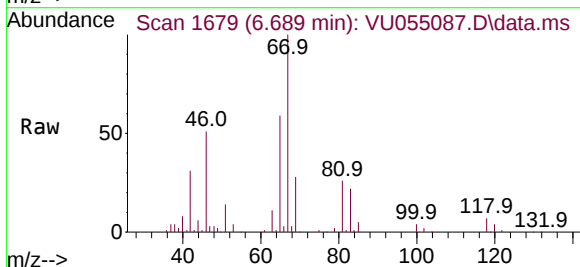
Acq: 05 Sep 2023 12:24

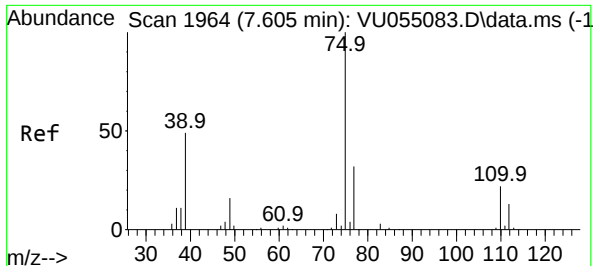
Tgt Ion: 63 Resp: 7597

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

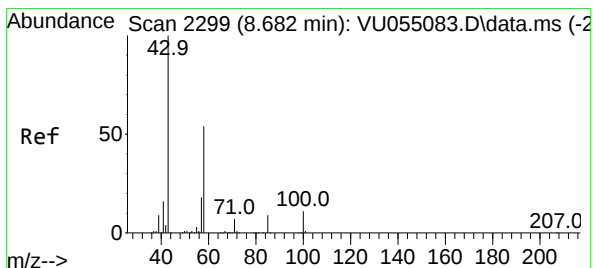
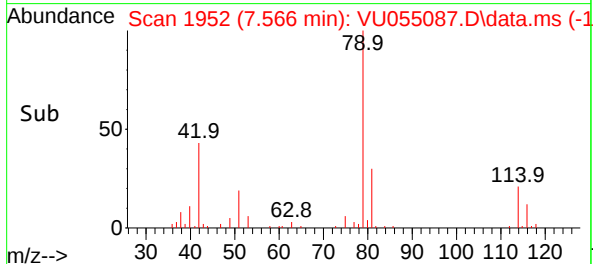
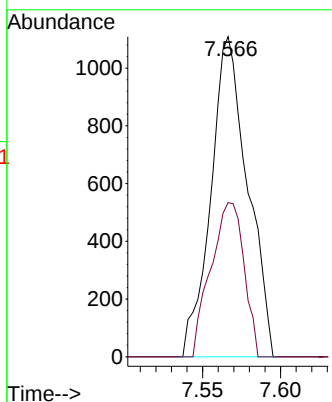
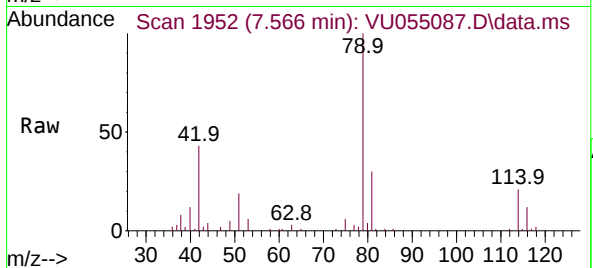




#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 7.566 min Scan# 1964
Delta R.T. -0.039 min
Lab File: VU055087.D
Acq: 05 Sep 2023 12:24

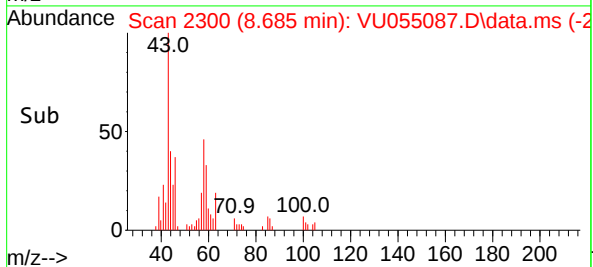
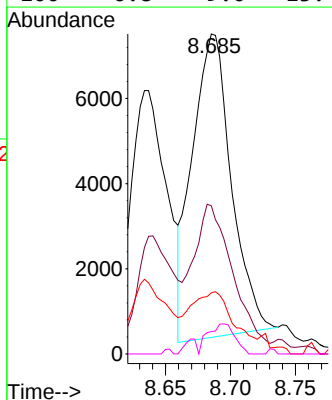
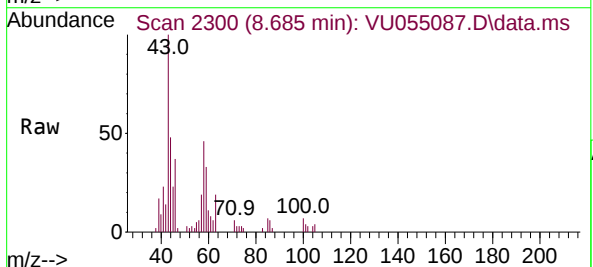
Instrument :
MSVOA_U
ClientSampleId :

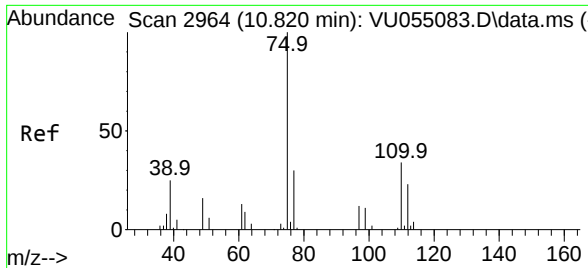
Tgt Ion: 75 Resp: 1816
Ion Ratio Lower Upper
75 100
77 48.2 20.9 38.9#



#48
2-Hexanone
Concen: 3.079 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055087.D
Acq: 05 Sep 2023 12:24

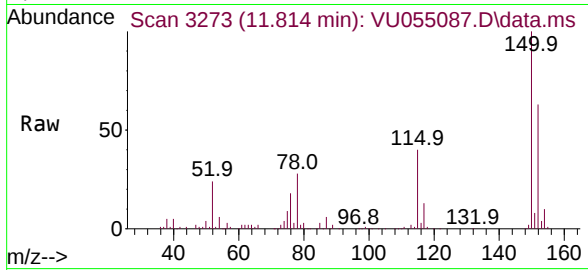
Tgt Ion: 43 Resp: 14923
Ion Ratio Lower Upper
43 100
58 50.8 44.0 66.0
57 17.4 16.2 24.2
100 6.8 9.0 13.4#





#61
 1,2,3-Trichloropropane
 Concen: 2.181 ug/L
 RT: 11.814 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU055087.D
 Acq: 05 Sep 2023 12:24

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	13881
Ion	Ratio	Lower	Upper
75	100		
110	2.0	28.2	42.2#
77	33.0	26.2	39.4

