

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036571.D
 Acq On : 16 Jul 2024 16:49
 Operator : SY/MD
 Sample : P3238-13
 Misc : 5.52g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:29:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

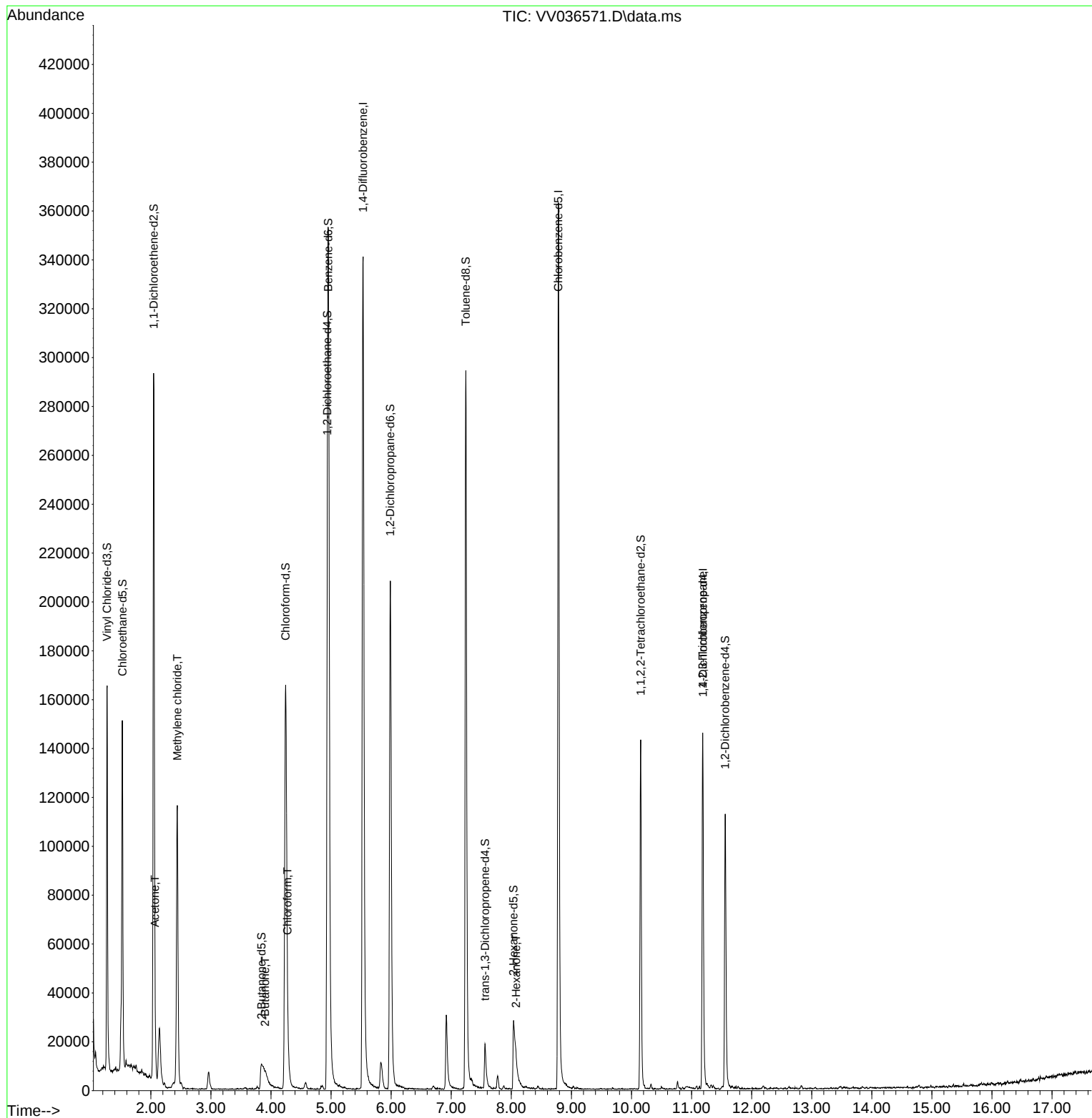
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	321557	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	221881	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	43599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	106547	23.128	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.520%
7) Chloroethane-d5	1.526	69	96862	24.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.047	65	45415	19.197	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.800%
21) 2-Butanone-d5	3.841	46	12292	15.589	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	31.180%
24) Chloroform-d	4.243	84	183269	19.580	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.320%
26) 1,2-Dichloroethane-d4	4.937	65	102966	22.180	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.720%
32) Benzene-d6	4.953	84	325557	29.411	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.640%
36) 1,2-Dichloropropane-d6	5.986	67	103863	31.484	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.920%#
41) Toluene-d8	7.243	98	210128	20.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.280%
43) trans-1,3-Dichloroprop...	7.564	79	12707	9.264	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	37.040%
47) 2-Hexanone-d5	8.037	63	8460	23.090	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	46.180%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	66333	23.875	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.480%
66) 1,2-Dichlorobenzene-d4	11.561	152	33493	22.637	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.560%
Target Compounds						Qvalue
13) Acetone	2.069	43	2478	2.223	ug/L	81
16) Methylene chloride	2.439	84	49463	7.482	ug/L	96
22) 2-Butanone	3.899	43	4702	5.024	ug/L	90
25) Chloroform	4.275	83	4794	0.517	ug/L	89
48) 2-Hexanone	8.079	43	6429	6.882	ug/L #	36
61) 1,2,3-Trichloropropane	11.185	75	4232	5.456	ug/L #	57

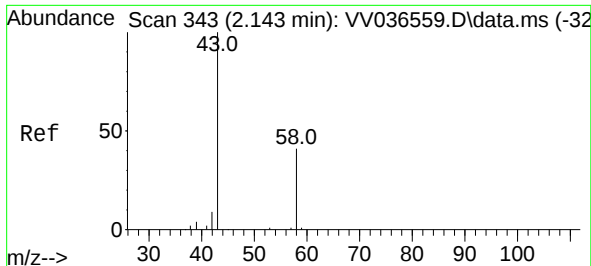
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.223 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.074 min

Lab File: VV036571.D

Acq: 16 Jul 2024 16:49

Instrument :

MSVOA_V

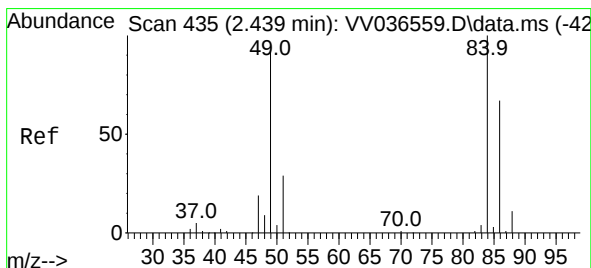
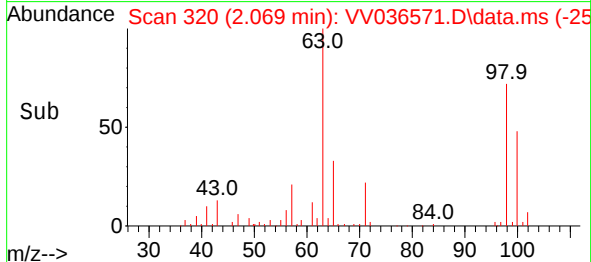
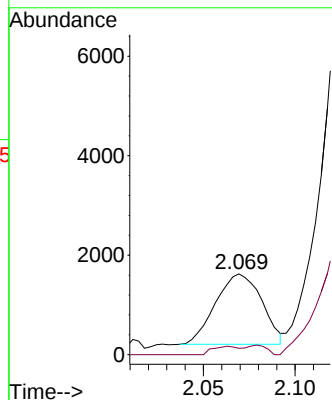
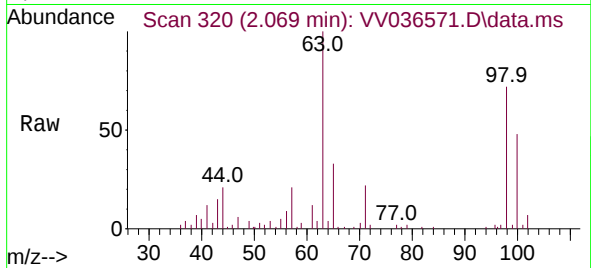
ClientSampleId :

Tgt Ion: 43 Resp: 2478

Ion Ratio Lower Upper

43 100

58 6.6 0.0 28.4



#16

Methylene chloride

Concen: 7.482 ug/L

RT: 2.439 min Scan# 435

Delta R.T. 0.000 min

Lab File: VV036571.D

Acq: 16 Jul 2024 16:49

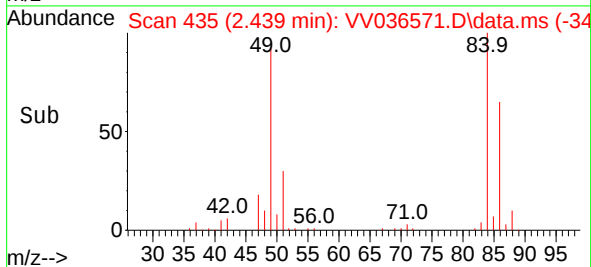
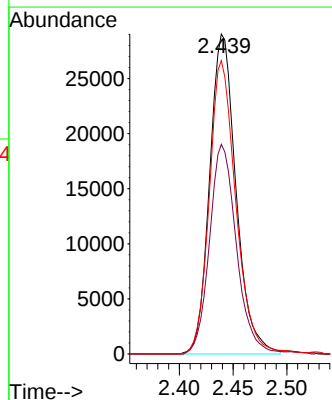
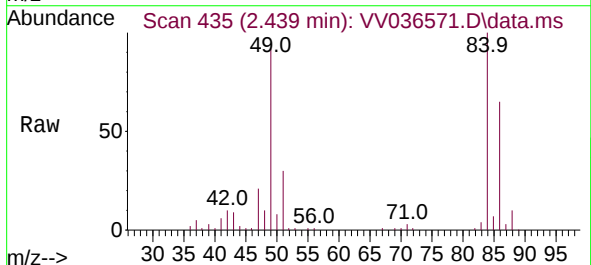
Tgt Ion: 84 Resp: 49463

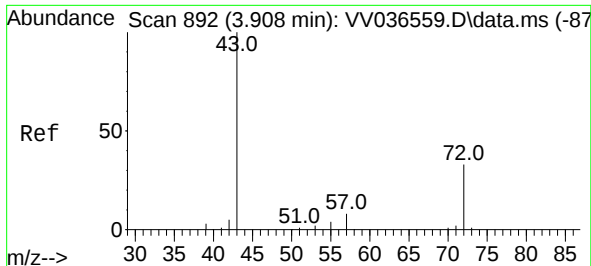
Ion Ratio Lower Upper

84 100

86 65.5 46.3 86.1

49 91.7 68.1 126.5

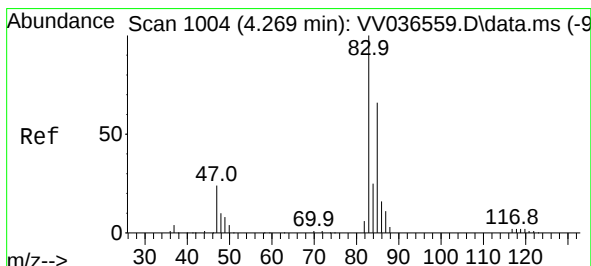
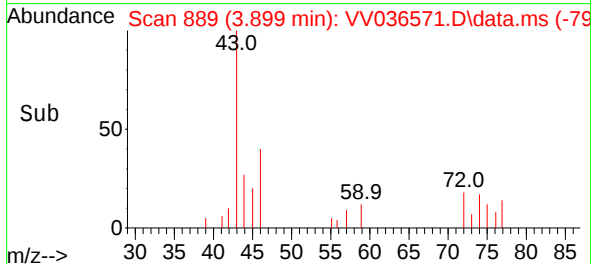
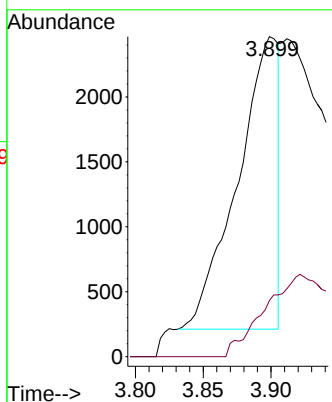
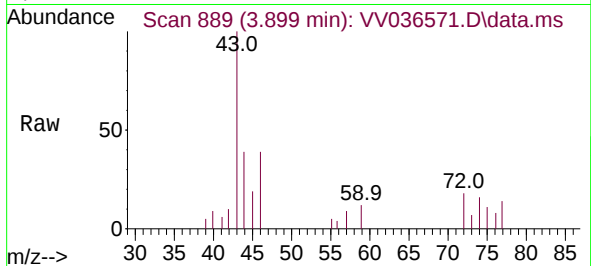




#22
2-Butanone
Concen: 5.024 ug/L
RT: 3.899 min Scan# 892
Delta R.T. -0.010 min
Lab File: VV036571.D
Acq: 16 Jul 2024 16:49

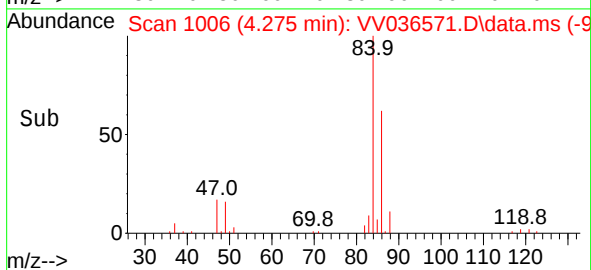
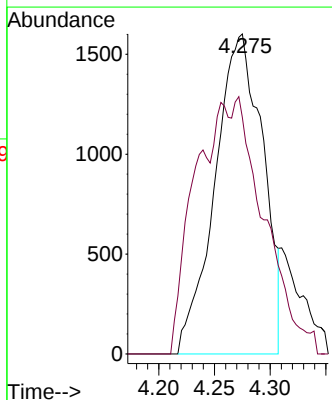
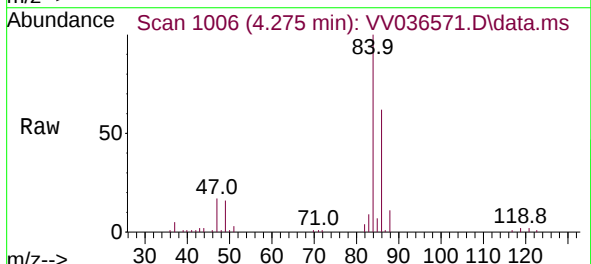
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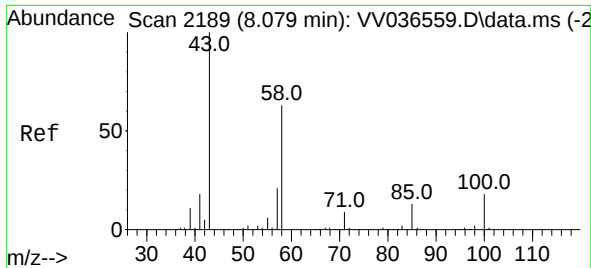
Tgt Ion: 43 Resp: 4702
Ion Ratio Lower Upper
43 100
72 7.7 5.9 17.6



#25
Chloroform
Concen: 0.517 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.007 min
Lab File: VV036571.D
Acq: 16 Jul 2024 16:49

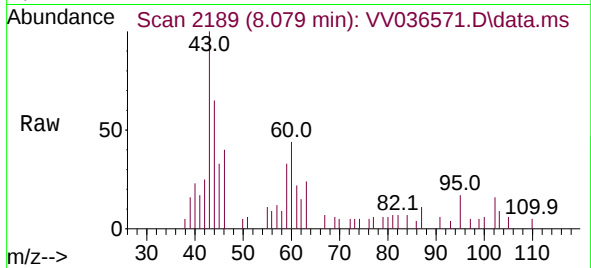
Tgt Ion: 83 Resp: 4794
Ion Ratio Lower Upper
83 100
85 73.9 45.6 84.6



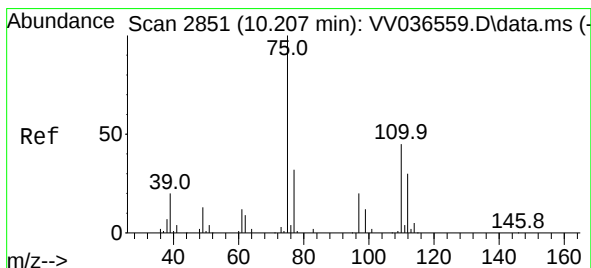
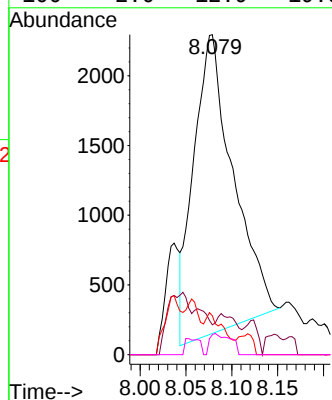
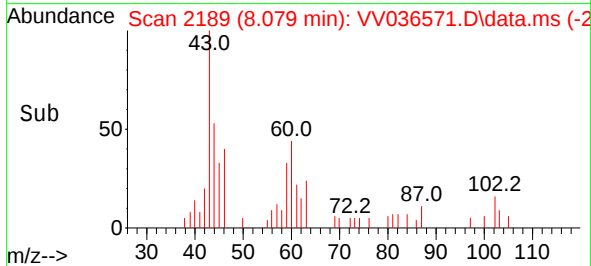


#48
2-Hexanone
Concen: 6.882 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV036571.D
Acq: 16 Jul 2024 16:49

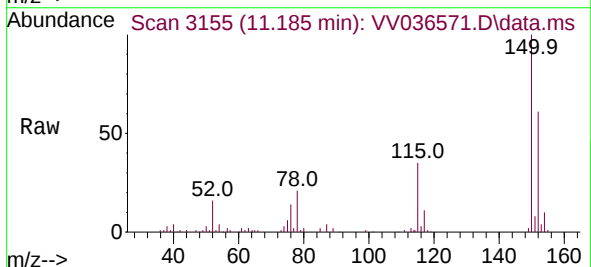
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43	Resp: 6429
Ion Ratio	Lower Upper
43 100	
58 0.8	49.5 74.3#
57 1.1	15.3 22.9#
100 2.0	12.9 19.3#



#61
1,2,3-Trichloropropane
Concen: 5.456 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.978 min
Lab File: VV036571.D
Acq: 16 Jul 2024 16:49



Tgt Ion: 75	Resp: 4232
Ion Ratio	Lower Upper
75 100	
77 38.2	25.6 38.4
110 1.0	34.8 52.2#

