

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121121\
 Data File : VX025748.D
 Acq On : 11 Dec 2021 17:09
 Operator : JC/MD
 Sample : M5026-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0CZ6

Quant Time: Dec 12 06:36:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 11 00:48:07 2021
 Response via : Initial Calibration

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

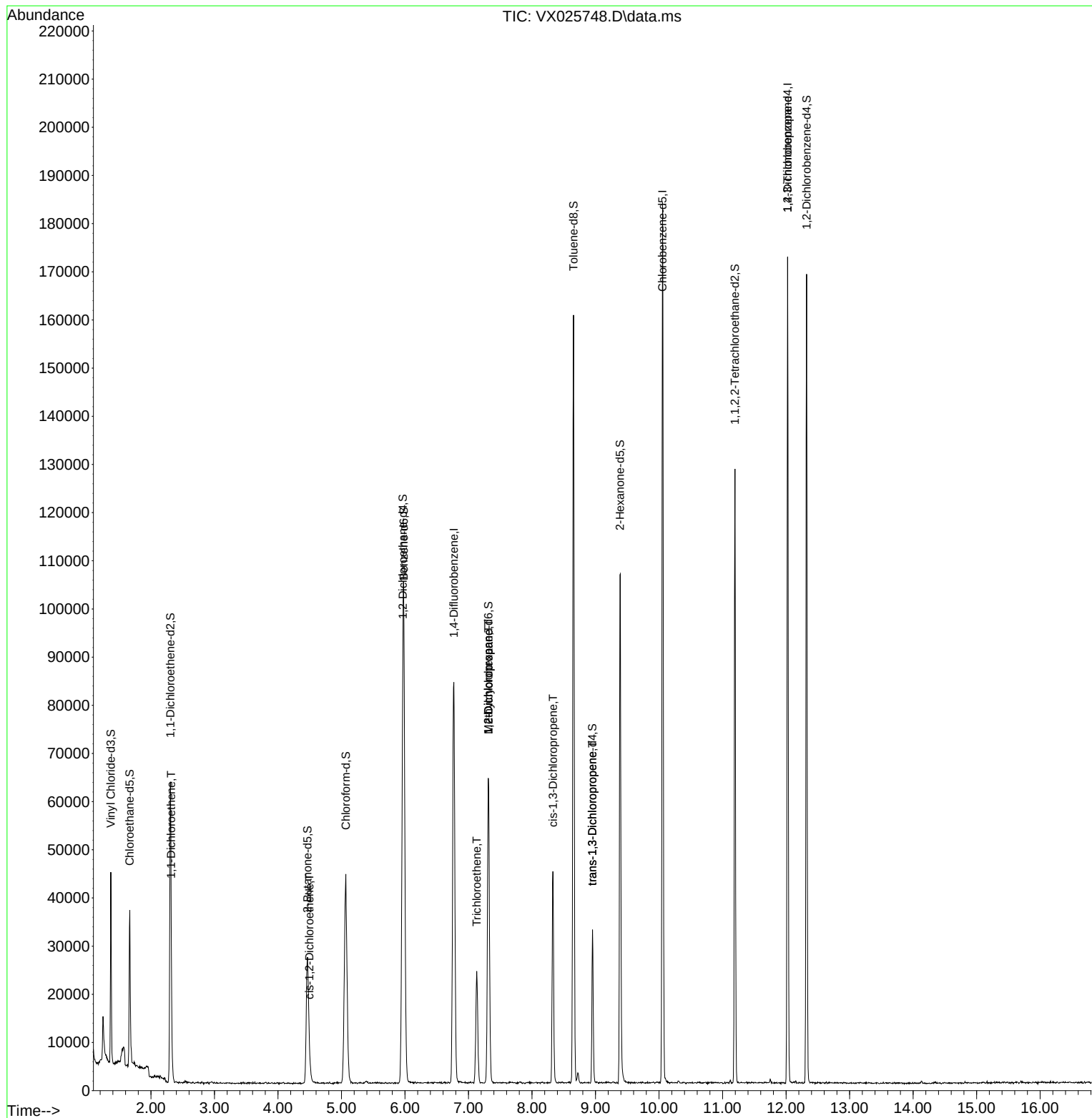
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	87371	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	81420	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	35017	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	23075	38.699	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.400%
7) Chloroethane-d5	1.666	69	21158	42.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.980%
11) 1,1-Dichloroethene-d2	2.306	63	35189	37.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.020%
21) 2-Butanone-d5	4.465	46	45258	101.965	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.960%
24) Chloroform-d	5.068	84	50308	48.276	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.560%
26) 1,2-Dichloroethane-d4	5.964	65	34243	52.718	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.440%
32) Benzene-d6	5.983	84	99886	46.289	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.580%
36) 1,2-Dichloropropane-d6	7.312	67	30777	46.066	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.140%
41) Toluene-d8	8.653	98	90926	44.642	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.280%
43) trans-1,3-Dichloroprop...	8.952	79	14355	42.736	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.480%
47) 2-Hexanone-d5	9.384	63	30928	88.931	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.930%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	46859	49.627	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.260%
66) 1,2-Dichlorobenzene-d4	12.323	152	32176	46.849	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.700%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	721	1.537	ug/L #	1
20) cis-1,2-Dichloroethene	4.495	96	907	1.524	ug/L	99
34) Trichloroethene	7.129	95	8166	14.274	ug/L	89
35) Methylcyclohexane	7.312	83	7748	8.605	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	3568	6.540	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1093	1.230	ug/L #	72
44) trans-1,3-Dichloropropene	8.952	75	762	0.892	ug/L	90
61) 1,2,3-Trichloropropane	12.024	75	4515	7.537	ug/L #	63

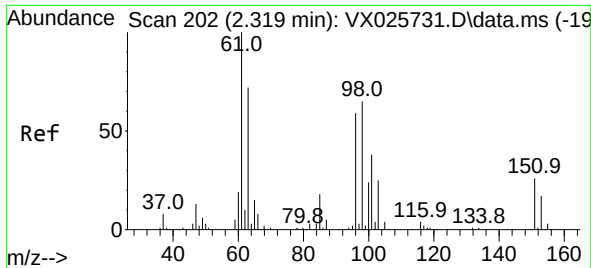
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 11 00:48:07 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.537 ug/L

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025748.D

Acq: 11 Dec 2021 17:09

Instrument :

MSVOA_X

ClientSampleId :

C0CZ6

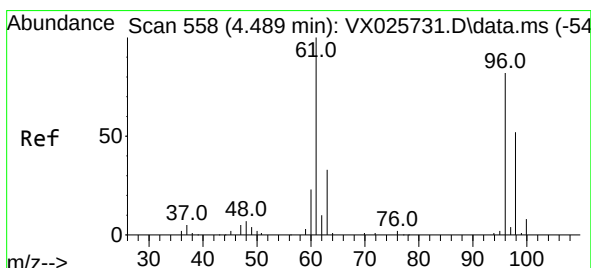
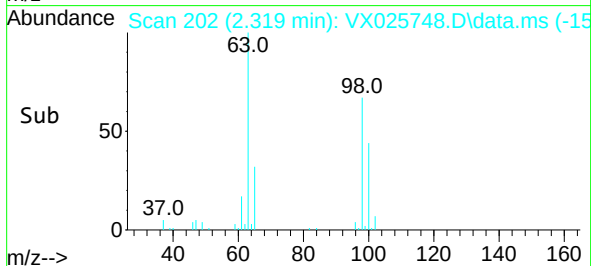
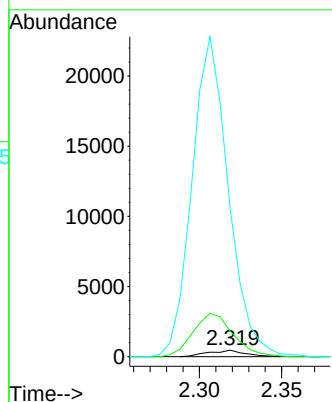
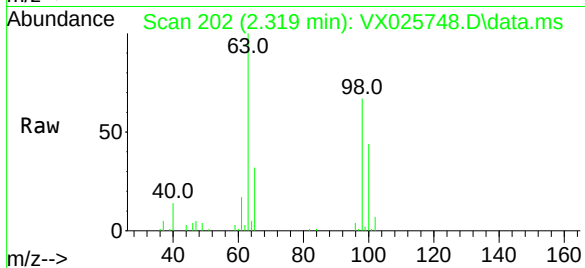
Tgt Ion: 96 Resp: 721

Ion Ratio Lower Upper

96 100

61 389.7 108.7 201.9#

63 2269.4 76.3 141.7#



#20

cis-1,2-Dichloroethene

Concen: 1.524 ug/L

RT: 4.495 min Scan# 559

Delta R.T. -0.000 min

Lab File: VX025748.D

Acq: 11 Dec 2021 17:09

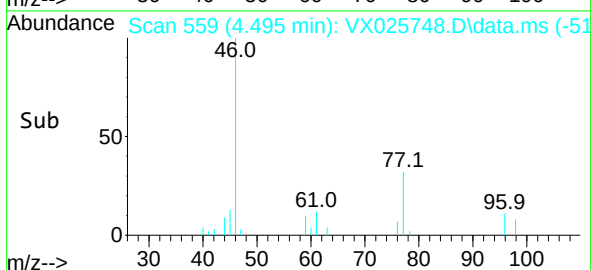
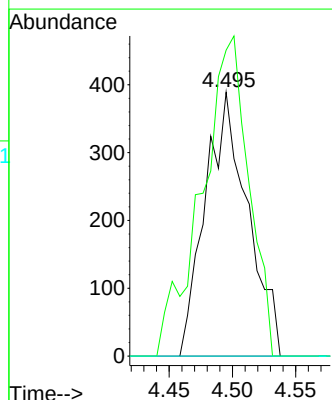
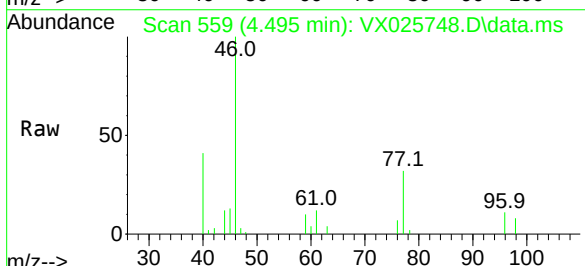
Tgt Ion: 96 Resp: 907

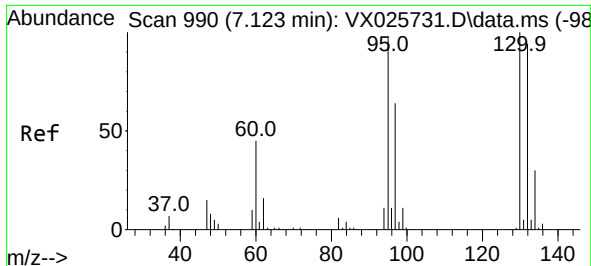
Ion Ratio Lower Upper

96 100

61 115.9 82.3 152.8

68 0.0 0.0 0.0



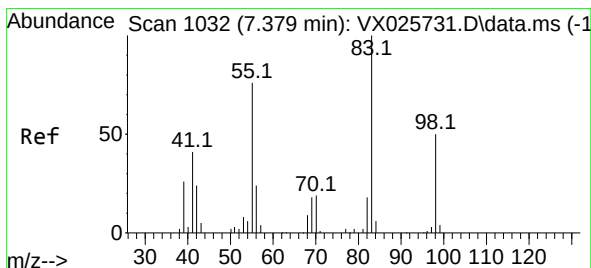
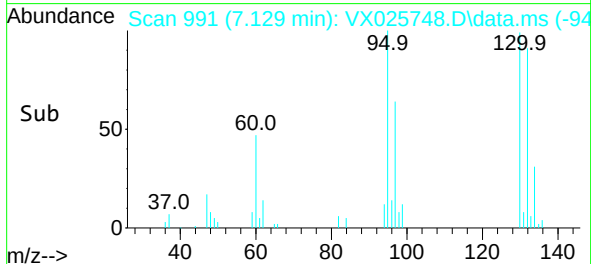
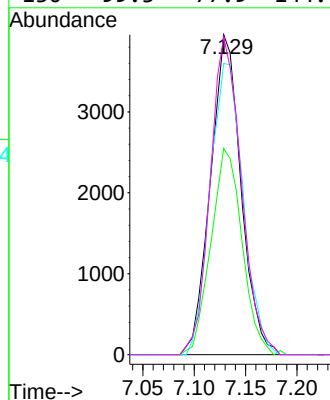
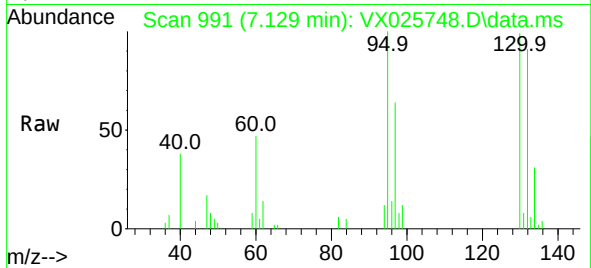


#34
Trichloroethene
Concen: 14.274 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025748.D
Acq: 11 Dec 2021 17:09

Instrument :
MSVOA_X
ClientSampleId :
C0CZ6

Tgt Ion: 95 Resp: 8166

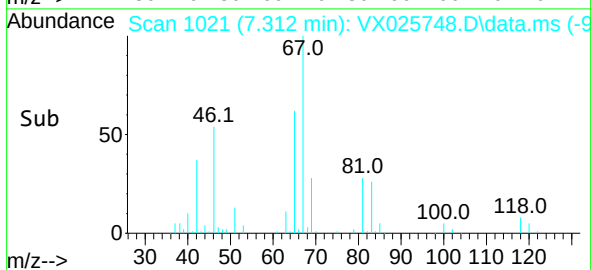
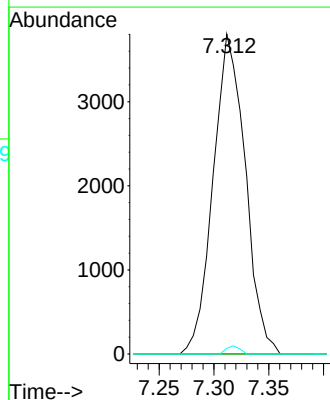
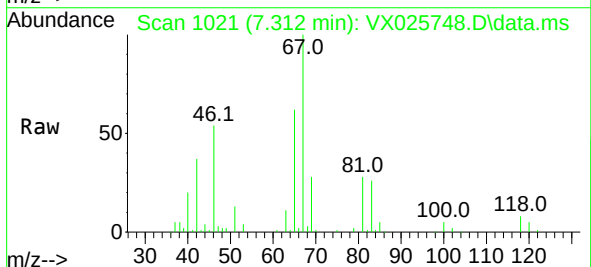
Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.0	85.4
132	91.0	75.0	139.2
130	99.3	77.9	144.7

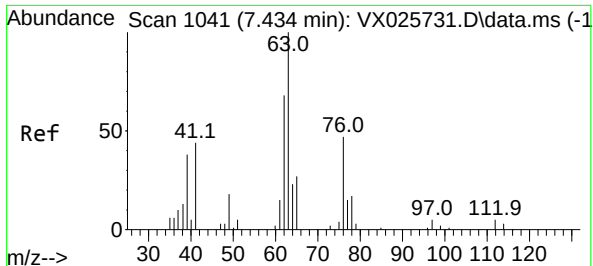


#35
Methylcyclohexane
Concen: 8.605 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.073 min
Lab File: VX025748.D
Acq: 11 Dec 2021 17:09

Tgt Ion: 83 Resp: 7748

Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.3	85.9#
98	1.1	41.1	61.7#





#37

1,2-Dichloropropane

Concen: 6.540 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.122 min

Lab File: VX025748.D

Acq: 11 Dec 2021 17:09

Instrument :

MSVOA_X

ClientSampleId :

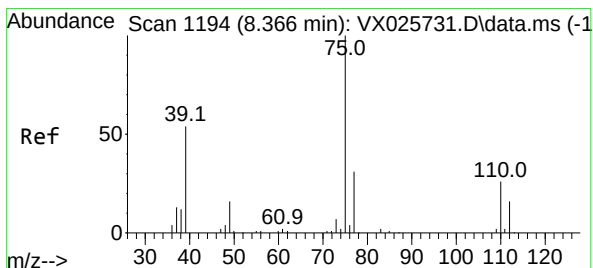
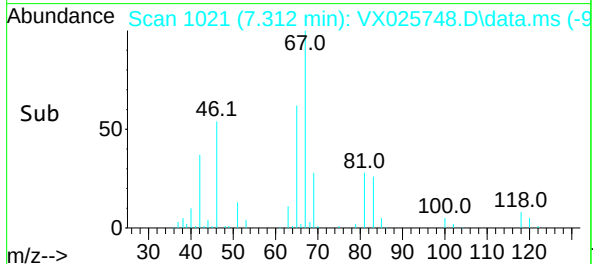
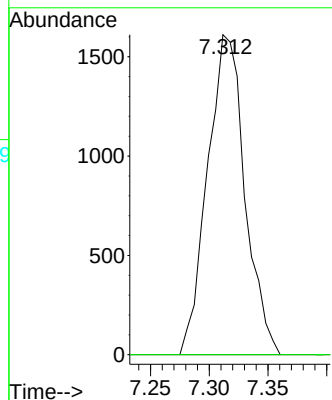
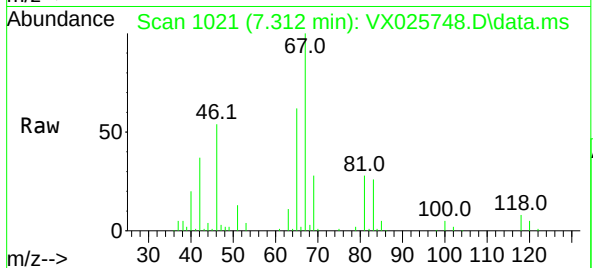
C0CZ6

Tgt Ion: 63 Resp: 3568

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.230 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025748.D

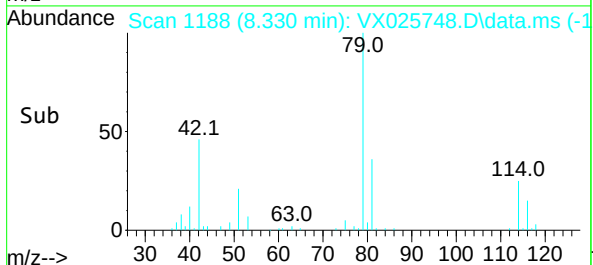
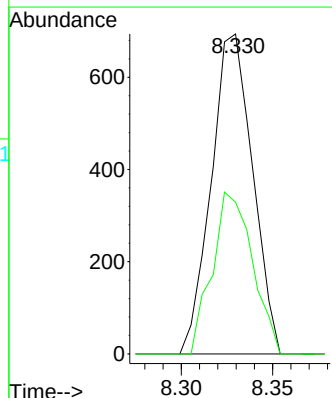
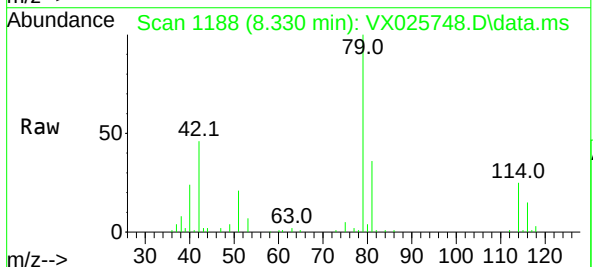
Acq: 11 Dec 2021 17:09

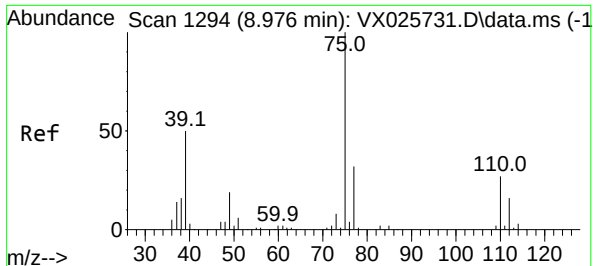
Tgt Ion: 75 Resp: 1093

Ion Ratio Lower Upper

75 100

77 47.4 22.3 41.3#

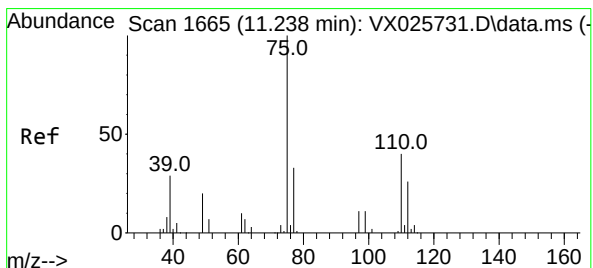
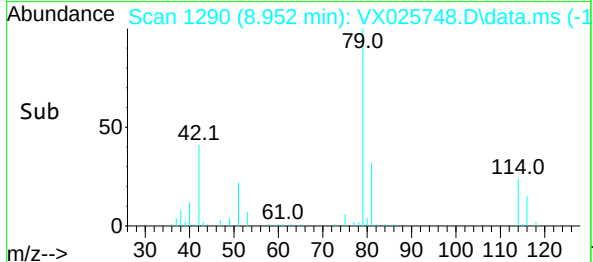
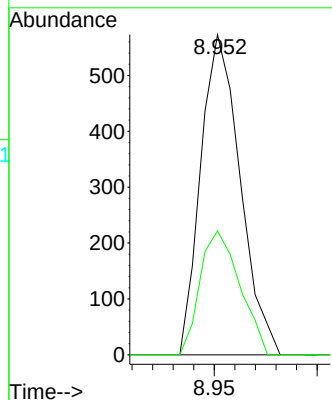
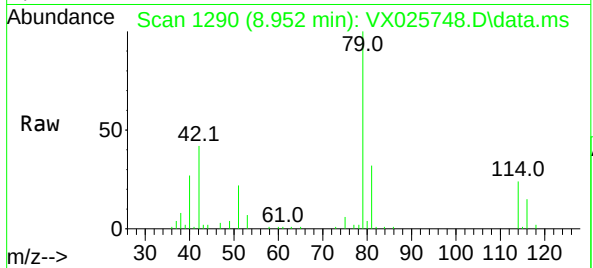




#44
trans-1,3-Dichloropropene
Concen: 0.892 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX025748.D
Acq: 11 Dec 2021 17:09

Instrument :
MSVOA_X
ClientSampleId :
C0CZ6

Tgt Ion: 75 Resp: 762
Ion Ratio Lower Upper
75 100
77 38.7 23.0 42.8



#61
1,2,3-Trichloropropane
Concen: 7.537 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX025748.D
Acq: 11 Dec 2021 17:09

Tgt Ion: 75 Resp: 4515
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
110 2.9 34.7 52.1#

