

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
 Data File : VX025120.D
 Acq On : 09 Nov 2021 14:34
 Operator : JC/MD
 Sample : M4464-06ME 10X
 Misc : 6.74g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 10 02:53:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 10 02:50:07 2021
 Response via : Initial Calibration

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

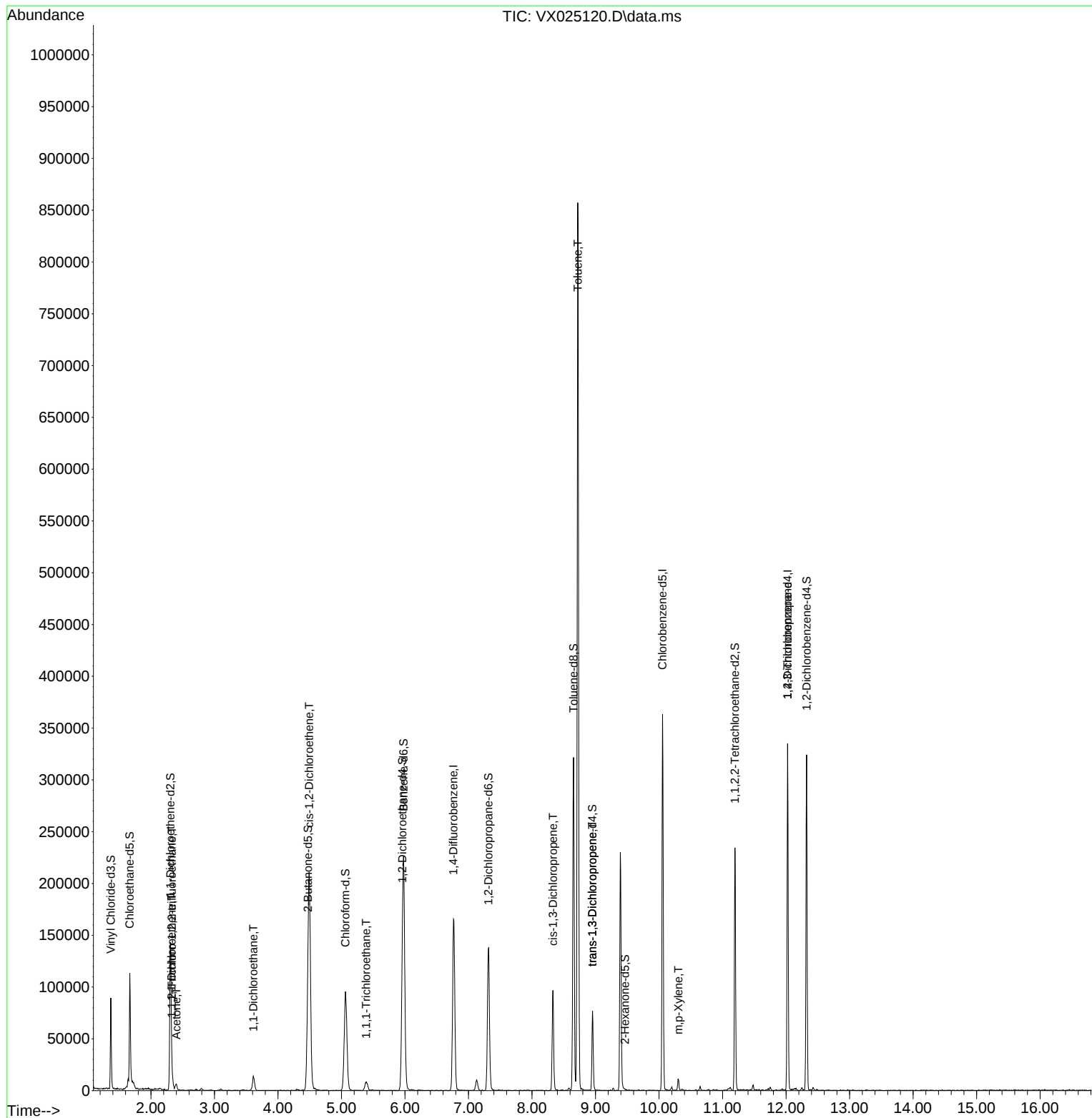
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	145556	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	131821	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	53685	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	52980	40.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.500%
7) Chloroethane-d5	1.666	69	65020	78.800	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	157.600%#
11) 1,1-Dichloroethene-d2	2.306	63	85561	33.750	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.500%
21) 2-Butanone-d5	4.471	46	96983	107.218	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.220%
24) Chloroform-d	5.062	84	113074	43.700	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.958	65	82854	48.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.900%
32) Benzene-d6	5.976	84	187692	39.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.980%
36) 1,2-Dichloropropane-d6	7.312	67	63749	46.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.180%
41) Toluene-d8	8.653	98	172066	43.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.220%
43) trans-1,3-Dichloroprop...	8.952	79	33144	44.902	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.800%
47) 2-Hexanone-d5	9.464	63	155	0.262	ug/L	0.08
Spiked Amount	100.000	Range	45 - 130	Recovery	=	0.260%#
56) 1,1,2,2-Tetrachloroeth...	11.195	84	86702	45.290	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.580%
66) 1,2-Dichlorobenzene-d4	12.323	152	50290	47.792	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.580%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	3585	3.034	ug/L #	76
12) 1,1-Dichloroethene	2.325	96	2468	2.375	ug/L #	1
13) Acetone	2.398	43	8189	9.201	ug/L	89
19) 1,1-Dichloroethane	3.611	63	13943	6.330	ug/L	93
20) cis-1,2-Dichloroethene	4.489	96	98648	80.750	ug/L	73
30) 1,1,1-Trichloroethane	5.385	97	7689	3.220	ug/L #	43
39) cis-1,3-Dichloropropene	8.330	75	2914	1.567	ug/L	91
42) Toluene	8.720	91	509088	107.810	ug/L	100
44) trans-1,3-Dichloropropene	8.952	75	2158	1.158	ug/L	96
53) m,p-Xylene	10.305	106	2246	1.216	ug/L	90
61) 1,2,3-Trichloropropane	12.024	75	9572	7.352	ug/L #	60

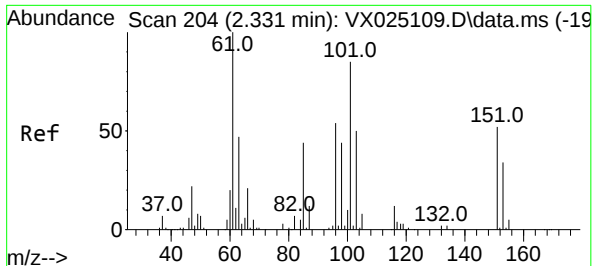
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 10 02:53:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 10 02:50:07 2021
Response via : Initial Calibration

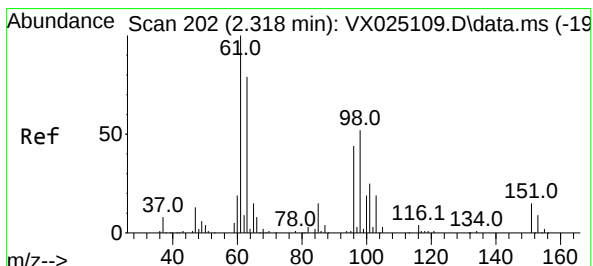
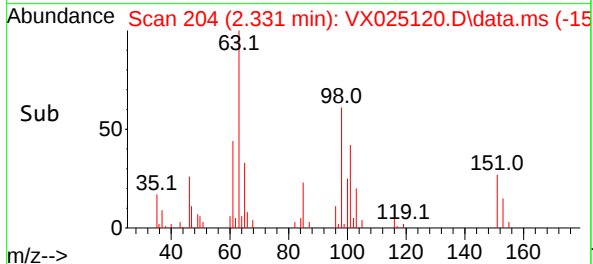
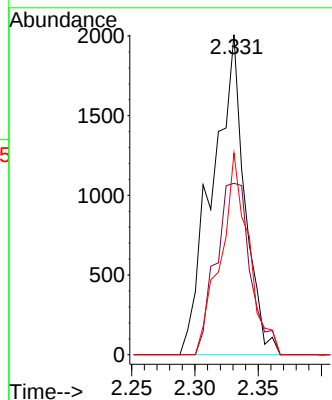
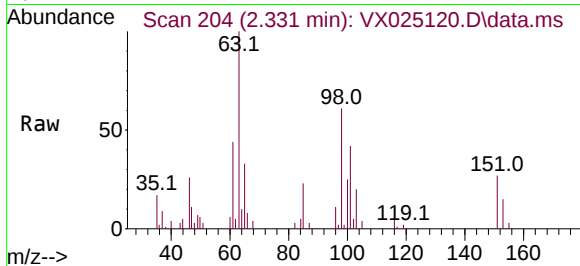




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.034 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX025120.D
 Acq: 09 Nov 2021 14:34

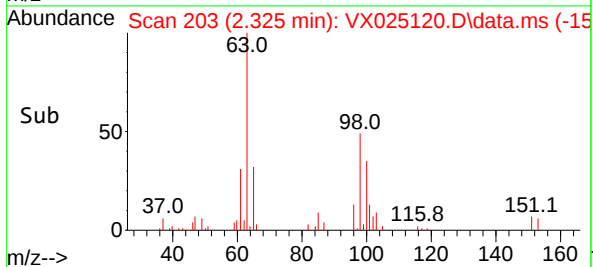
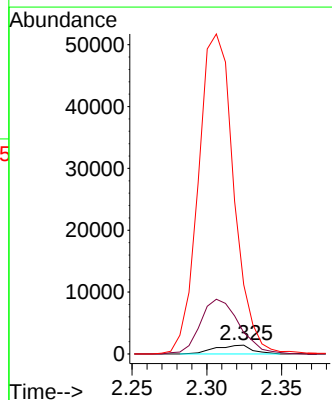
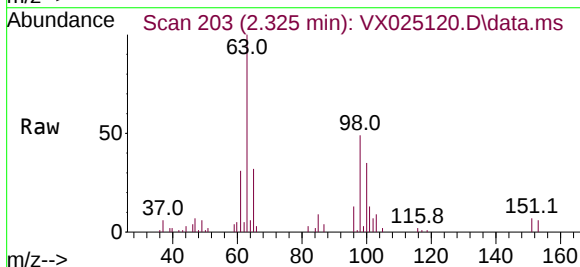
Instrument :
 MSVOA_X
 ClientSampleId :

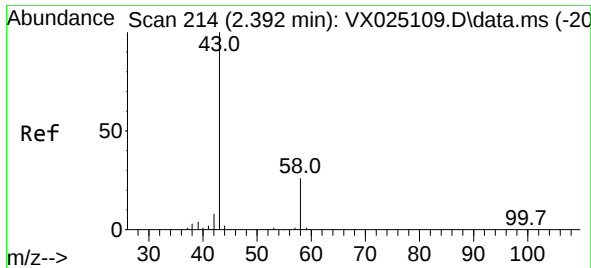
Tgt Ion:101 Resp: 3585
 Ion Ratio Lower Upper
 101 100
 85 57.1 35.3 52.9#
 151 54.7 62.3 93.5#



#12
 1,1-Dichloroethene
 Concen: 2.375 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX025120.D
 Acq: 09 Nov 2021 14:34

Tgt Ion: 96 Resp: 2468
 Ion Ratio Lower Upper
 96 100
 61 242.6 109.9 204.1#
 63 784.7 92.4 171.6#





#13

Acetone

Concen: 9.201 ug/L

RT: 2.398 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX025120.D

Acq: 09 Nov 2021 14:34

Instrument :

MSVOA_X

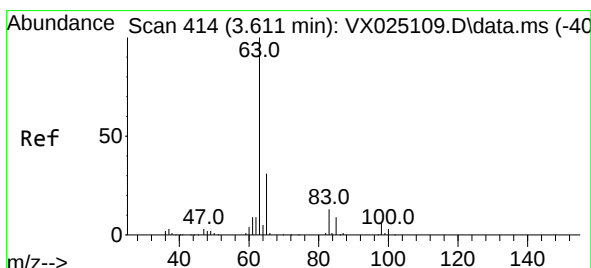
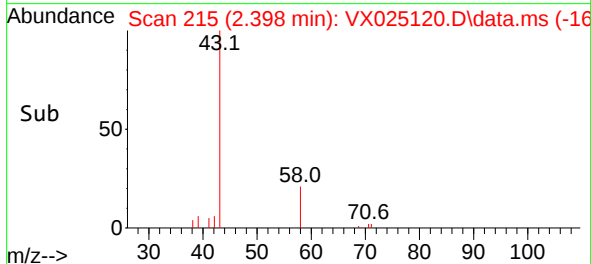
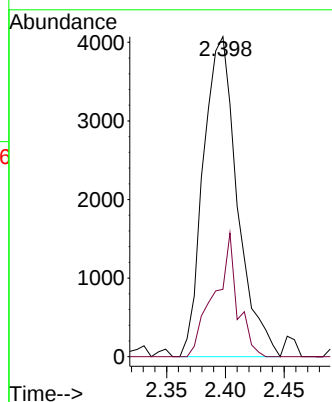
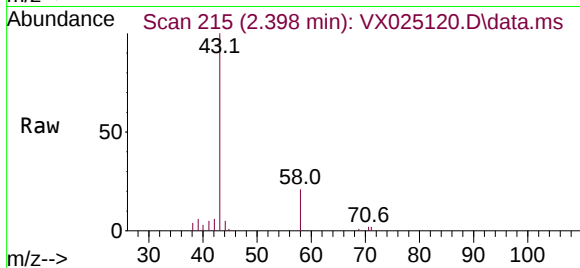
ClientSampleId :

Tgt Ion: 43 Resp: 8189

Ion Ratio Lower Upper

43 100

58 26.2 0.0 64.8



#19

1,1-Dichloroethane

Concen: 6.330 ug/L

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX025120.D

Acq: 09 Nov 2021 14:34

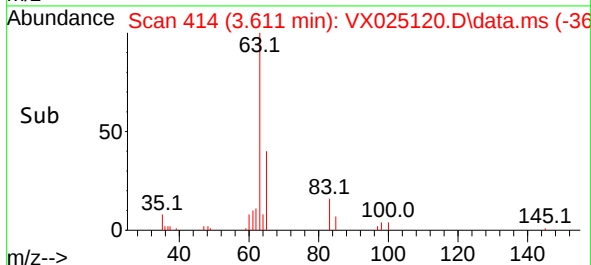
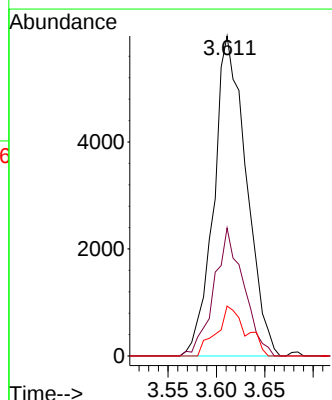
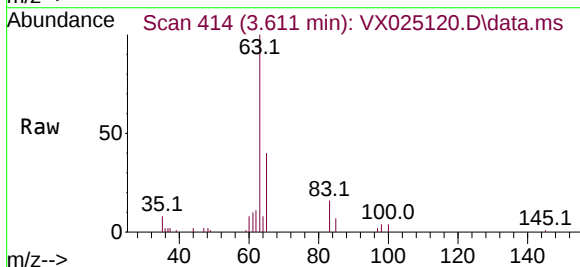
Tgt Ion: 63 Resp: 13943

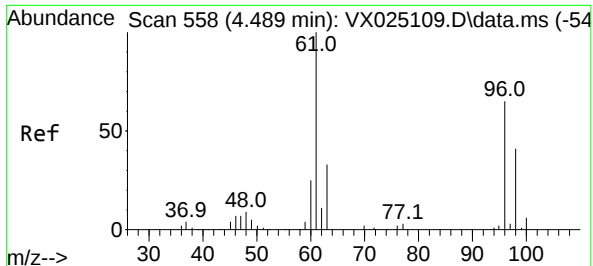
Ion Ratio Lower Upper

63 100

65 40.0 24.5 45.5

83 15.6 11.7 21.7





#20

cis-1,2-Dichloroethene

Concen: 80.750 ug/L

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX025120.D

Acq: 09 Nov 2021 14:34

Instrument :

MSVOA_X

ClientSampleId :

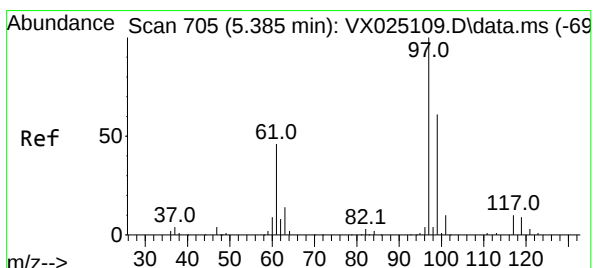
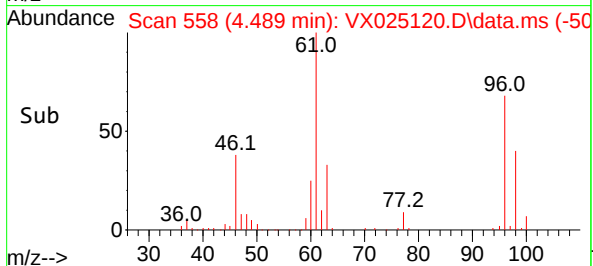
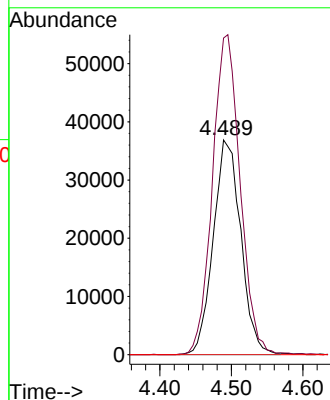
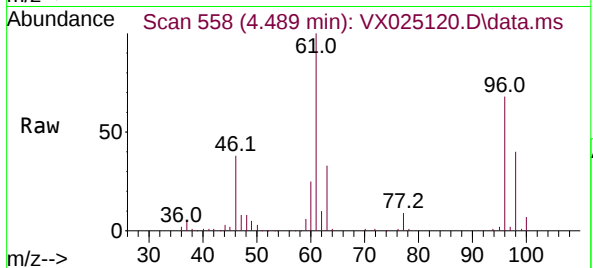
Tgt Ion: 96 Resp: 98648

Ion Ratio Lower Upper

96 100

61 147.5 82.6 153.4

68 0.0 0.0 0.0



#30

1,1,1-Trichloroethane

Concen: 3.220 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX025120.D

Acq: 09 Nov 2021 14:34

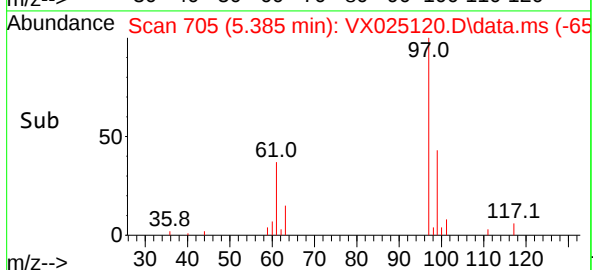
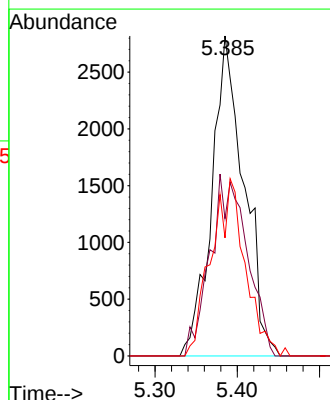
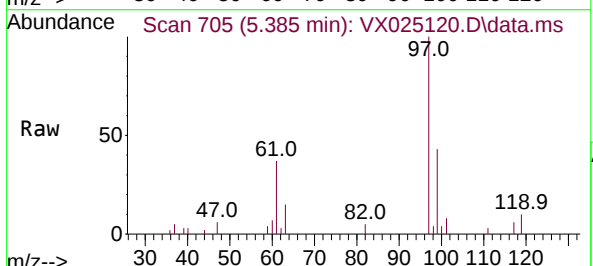
Tgt Ion: 97 Resp: 7689

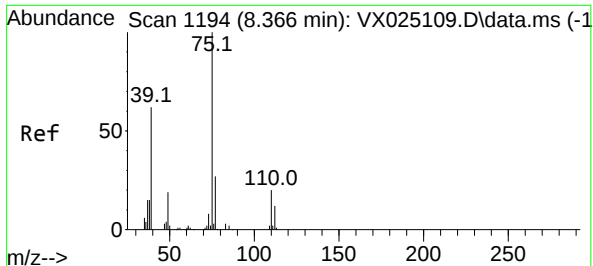
Ion Ratio Lower Upper

97 100

99 0.0 53.1 79.7#

61 30.7 26.3 39.5





#39

cis-1,3-Dichloropropene

Concen: 1.567 ug/L

RT: 8.330 min Scan# 1194

Delta R.T. -0.036 min

Lab File: VX025120.D

Acq: 09 Nov 2021 14:34

Instrument :

MSVOA_X

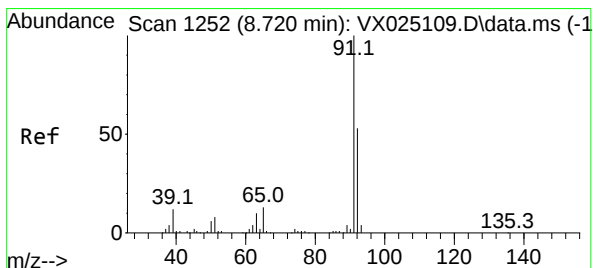
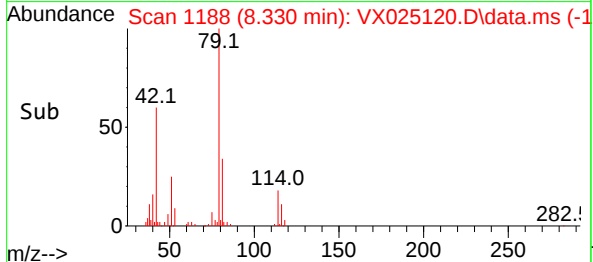
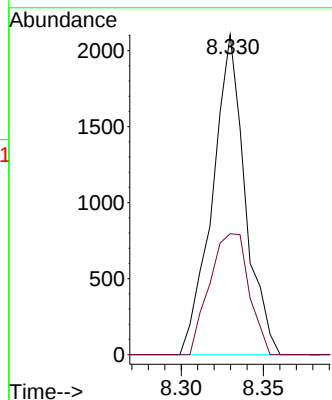
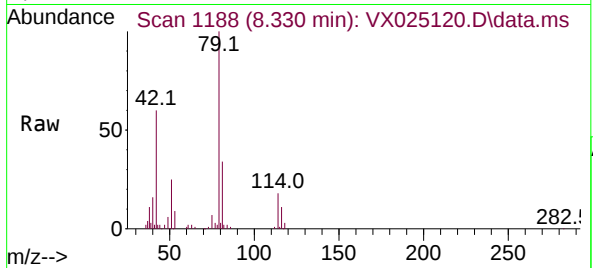
ClientSampleId :

Tgt Ion: 75 Resp: 2914

Ion Ratio Lower Upper

75 100

77 37.8 23.1 42.9



#42

Toluene

Concen: 107.810 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX025120.D

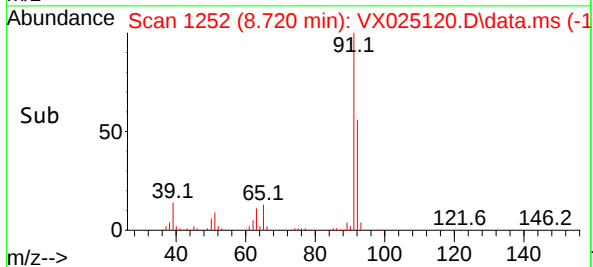
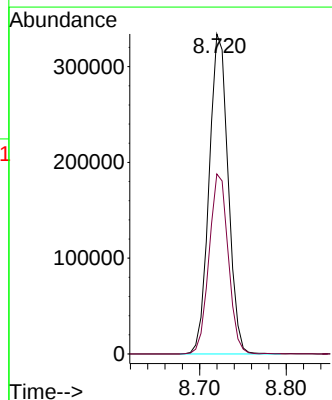
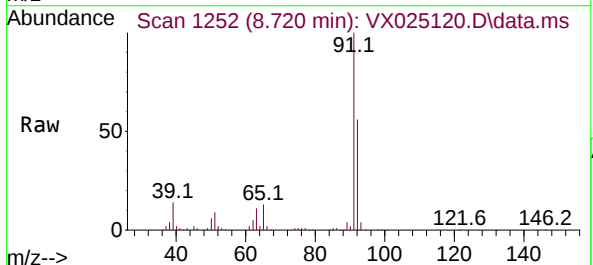
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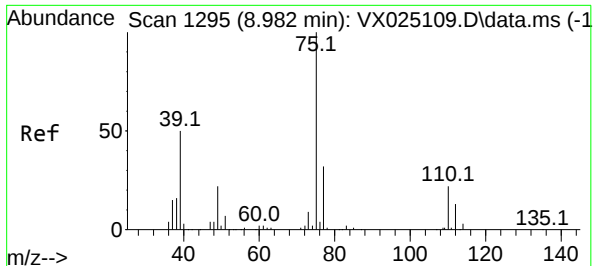
Tgt Ion: 91 Resp: 509088

Ion Ratio Lower Upper

91 100

92 56.3 39.3 72.9

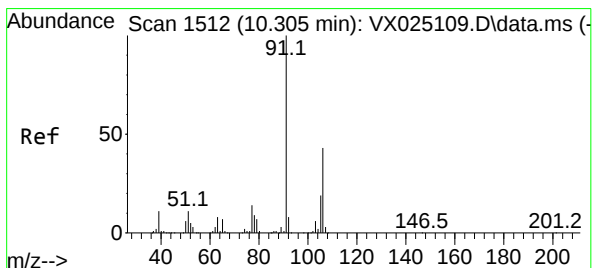
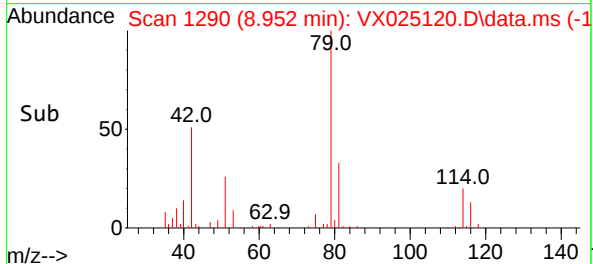
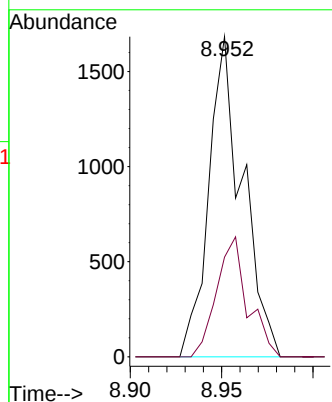
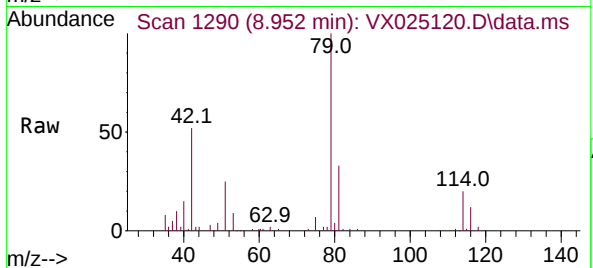




#44
trans-1,3-Dichloropropene
Concen: 1.158 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX025120.D
Acq: 09 Nov 2021 14:34

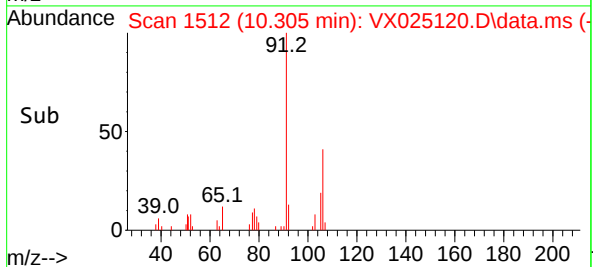
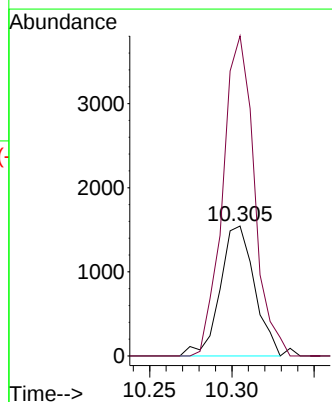
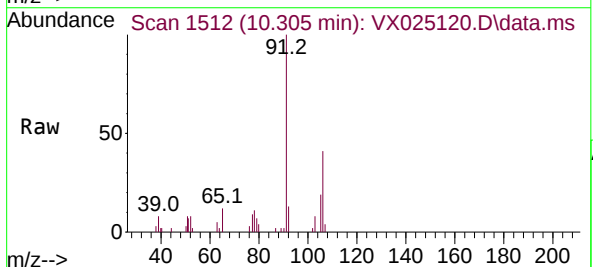
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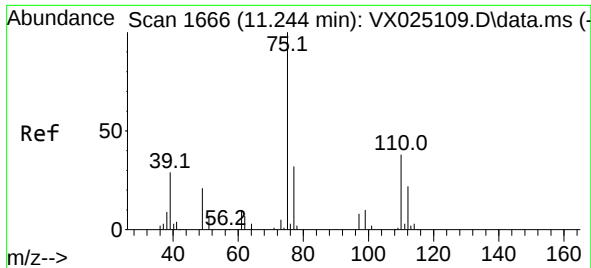
Tgt Ion: 75 Resp: 2158
Ion Ratio Lower Upper
75 100
77 31.1 23.4 43.6



#53
m,p-Xylene
Concen: 1.216 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025120.D
Acq: 09 Nov 2021 14:34

Tgt Ion: 106 Resp: 2246
Ion Ratio Lower Upper
106 100
91 246.2 160.2 297.6





#61

1,2,3-Trichloropropane

Concen: 7.352 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.780 min

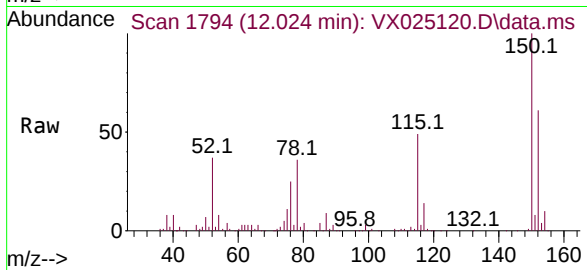
Lab File: VX025120.D

Acq: 09 Nov 2021 14:34

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 75 Resp: 9572

Ion Ratio Lower Upper

75 100

77 38.0 26.6 39.8

110 5.1 37.2 55.8#

