

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100620\
 Data File : VX018795.D
 Acq On : 06 Oct 2020 13:25
 Operator : JC/SP
 Sample : L4240-02DL 5X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3Q9DL

Quant Time: Oct 07 02:09:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 07 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	138632	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	134222	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	70651	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36570	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.70	69	33333	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.34	63	68482	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	4.57	46	137353	64.66	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.32%
24) Chloroform-d	5.14	84	99090	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	6.03	65	58041	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	6.04	84	180784	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	7.37	67	54423	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	8.70	98	163059	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
45) trans-1,3-Dichloropropene-	8.99	79	24816	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
48) 2-Hexanone-d5	9.43	63	108059	62.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.30%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	43424	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	69456	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

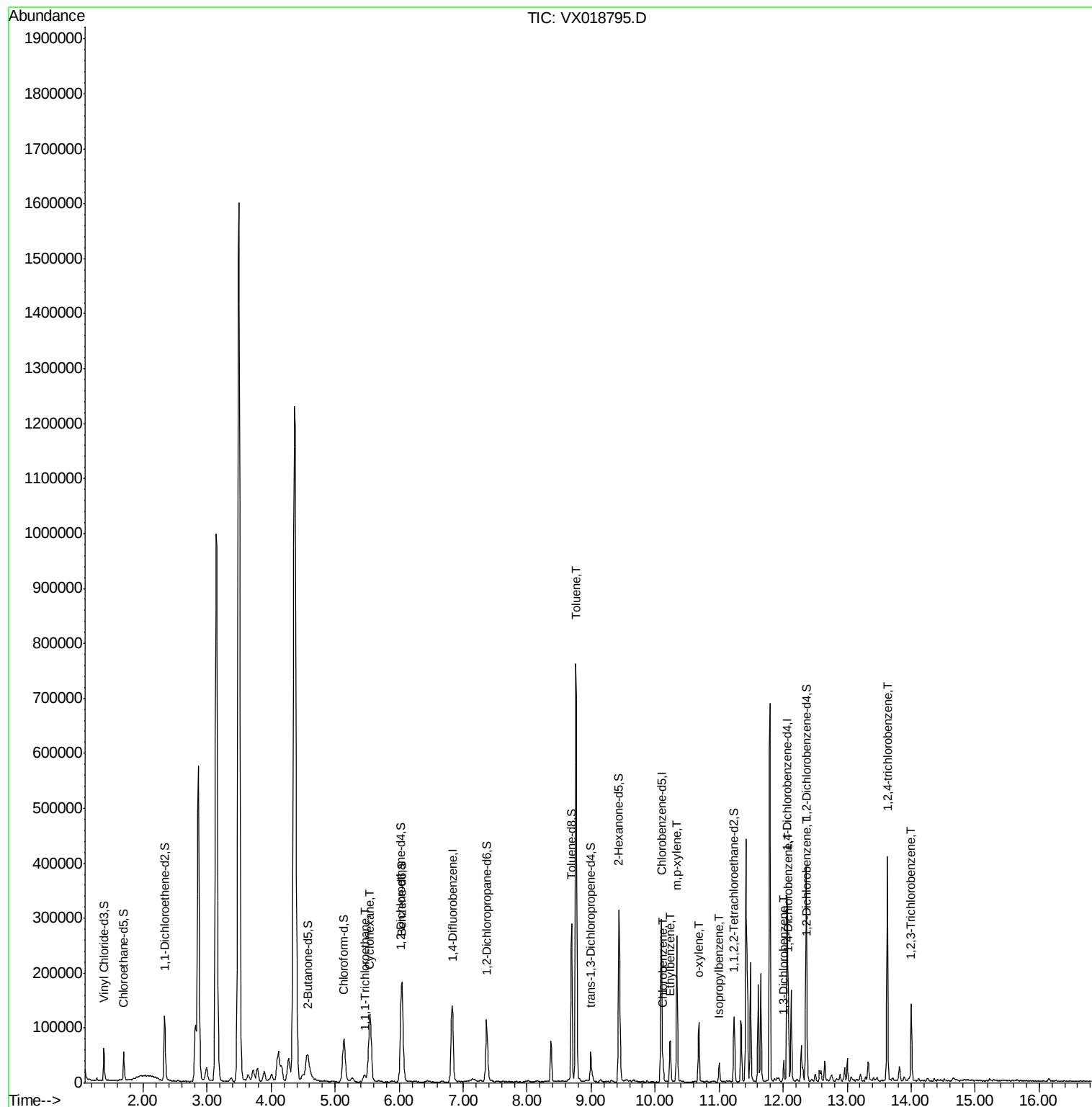
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
29) 1,1,1-Trichloroethane	5.46	97	11876	0.748	ug/L	94
30) Cyclohexane	5.54	56	81467	7.398	ug/L	98
42) Toluene	8.76	91	472255	15.355	ug/L	96
53) Chlorobenzene	10.12	112	14146	0.672	ug/L	95
54) Ethylbenzene	10.24	91	42901	1.244	ug/L	95
55) m,p-xylene	10.34	106	58889	4.379	ug/L	98
56) o-xylene	10.68	106	22869	1.840	ug/L	99
58) Isopropylbenzene	11.00	105	16492	0.474	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	9578	0.558	ug/L	97
64) 1,4-Dichlorobenzene	12.09	146	36059	2.106	ug/L	95
66) 1,2-Dichlorobenzene	12.38	146	12153	0.758	ug/L	95
69) 1,2,4-trichlorobenzene	13.63	180	91150	8.306	ug/L	97
71) 1,2,3-Trichlorobenzene	14.00	180	32546	3.296	ug/L	100

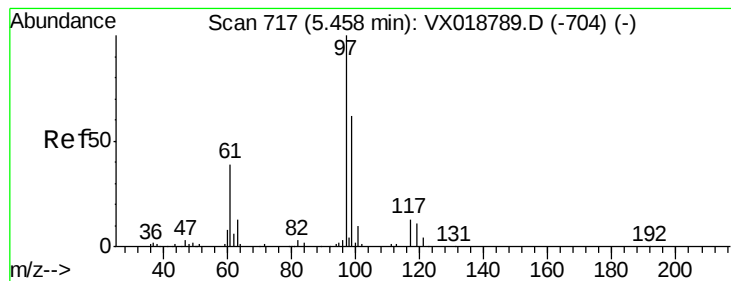
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 07 02:09:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration





#29

1,1,1-Trichloroethane

Concen: 0.748 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018795.D

Acq: 06 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

BG3Q9DL

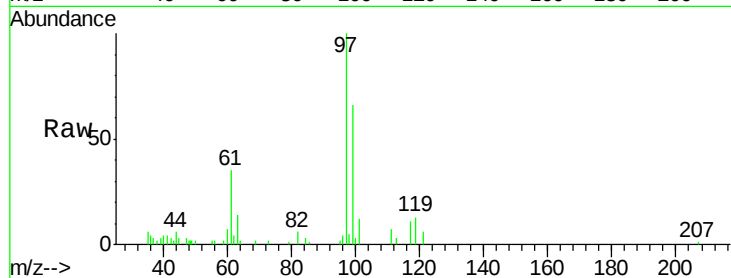
Tot Ion: 97 Resp: 11876

Ion Ratio Lower Upper

97 100

99 68.7 51.3 76.9

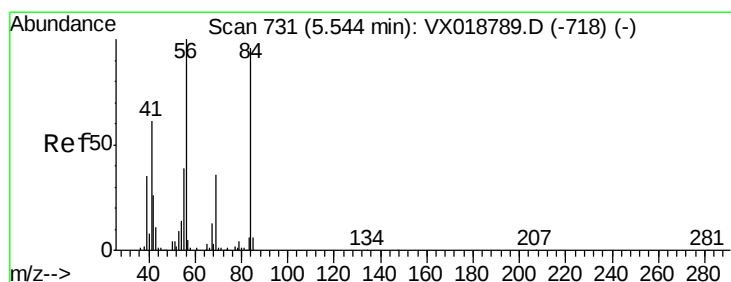
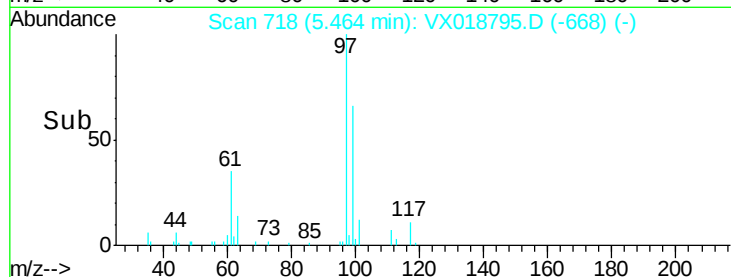
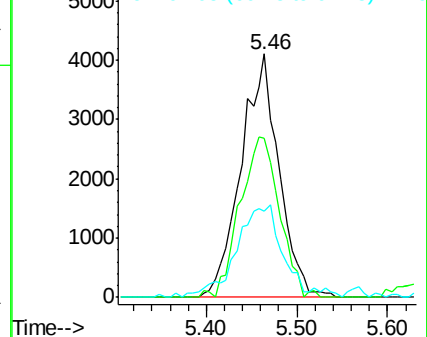
61 44.8 33.3 49.9



Abundance Ion 96.95 (96.65 to 97.65): VX0

Ion 99.05 (98.75 to 99.75): VX0

Ion 61.05 (60.75 to 61.75): VX0



#30

Cyclohexane

Concen: 7.398 ug/L

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX018795.D

Acq: 06 Oct 2020 13:25

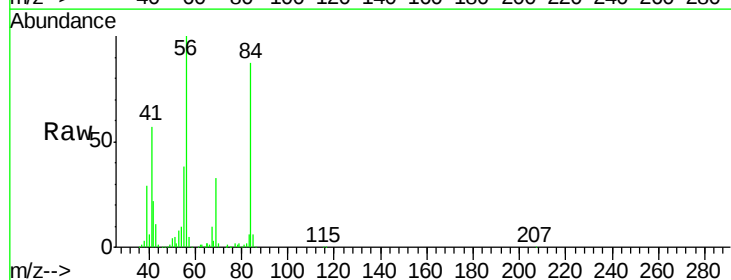
Tgt Ion: 56 Resp: 81467

Ion Ratio Lower Upper

56 100

69 32.1 26.0 39.0

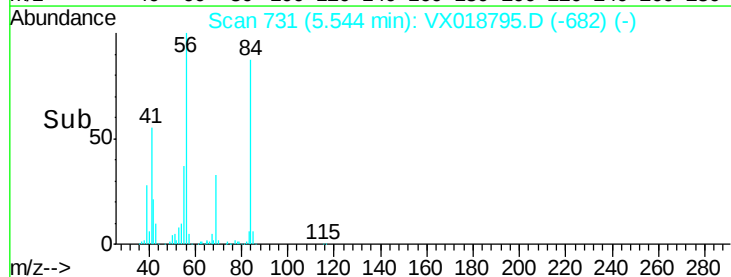
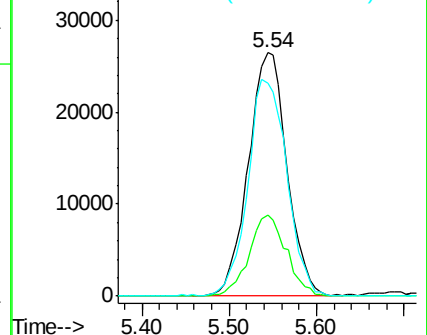
84 90.0 73.8 110.6

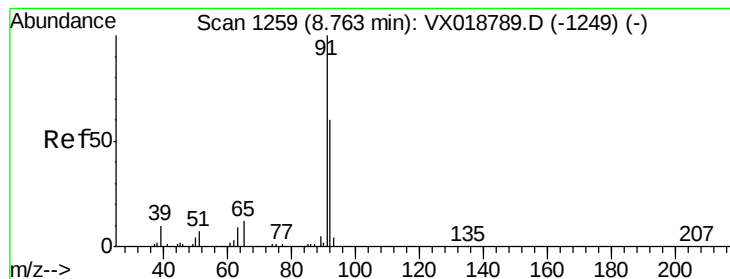


Abundance Ion 56.10 (55.80 to 56.80): VX0

Ion 69.15 (68.85 to 69.85): VX0

Ion 84.15 (83.85 to 84.85): VX0





#42

Toluene

Concen: 15.355 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018795.D

Acq: 06 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampleId :

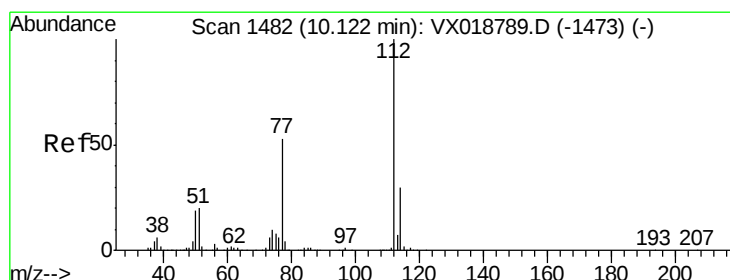
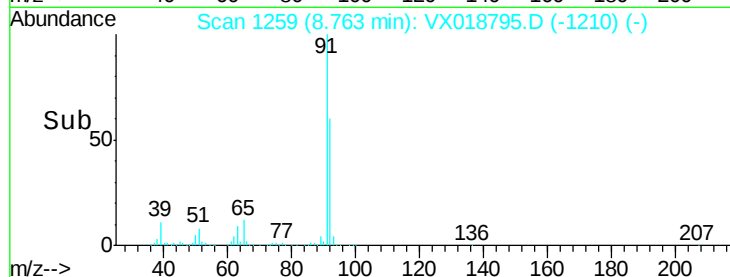
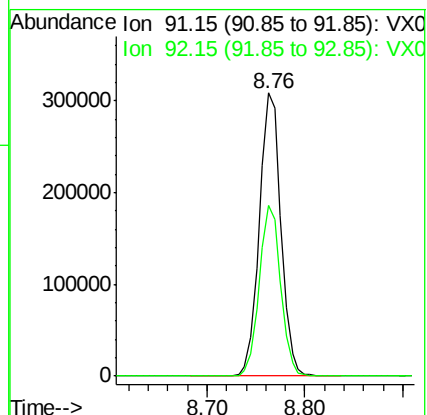
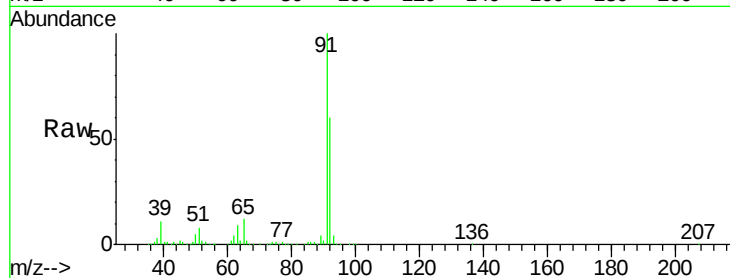
BG3Q9DL

Tot Ion: 91 Resp: 472255

Ion Ratio Lower Upper

91 100

92 60.2 40.3 74.9



#53

Chlorobenzene

Concen: 0.672 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018795.D

Acq: 06 Oct 2020 13:25

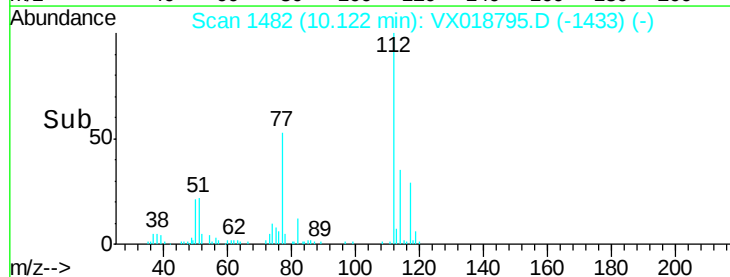
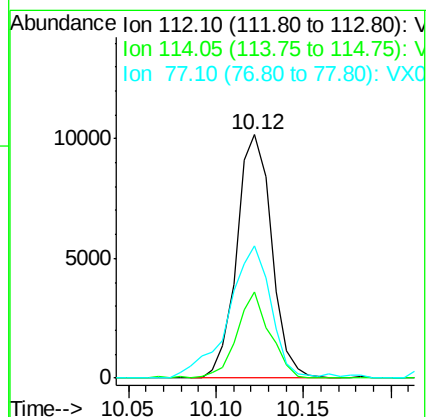
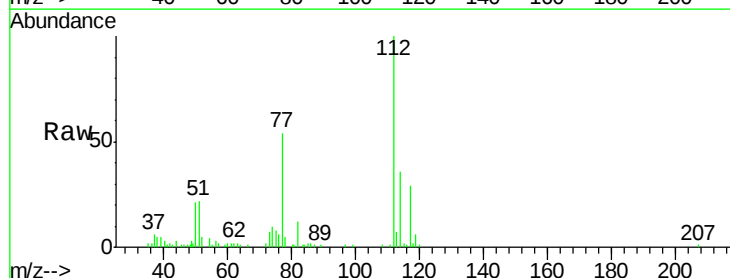
Tgt Ion: 112 Resp: 14146

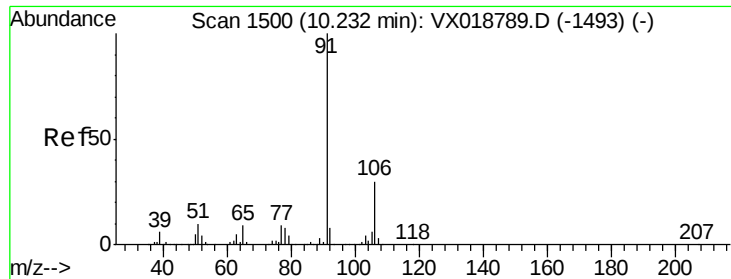
Ion Ratio Lower Upper

112 100

114 35.5 21.3 39.5

77 54.3 42.4 63.6

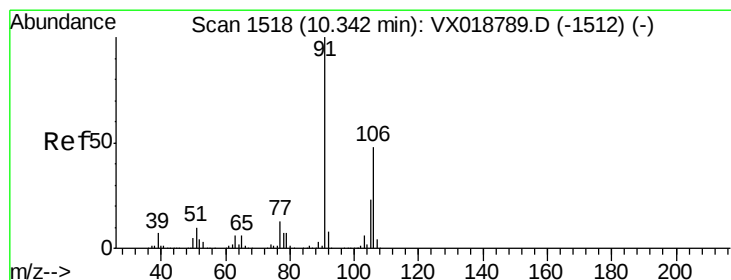
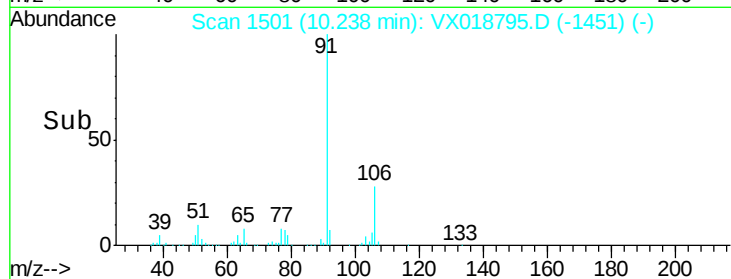
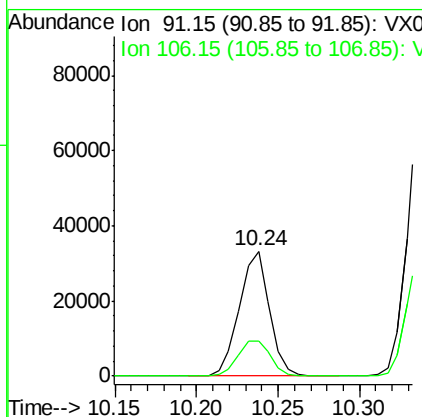
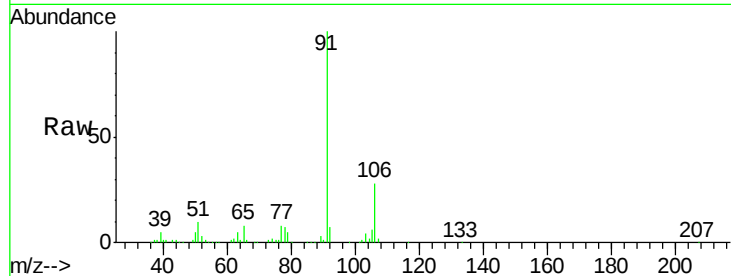




#54
Ethylbenzene
Concen: 1.244 ug/L
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX018795.D
Acq: 06 Oct 2020 13:25

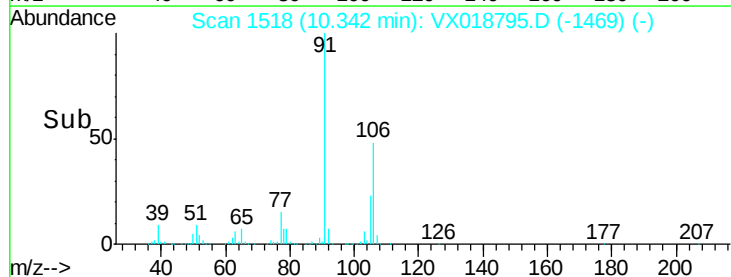
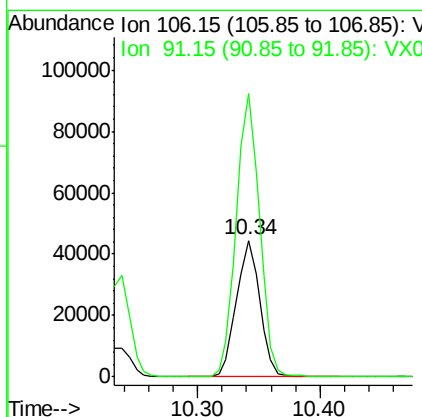
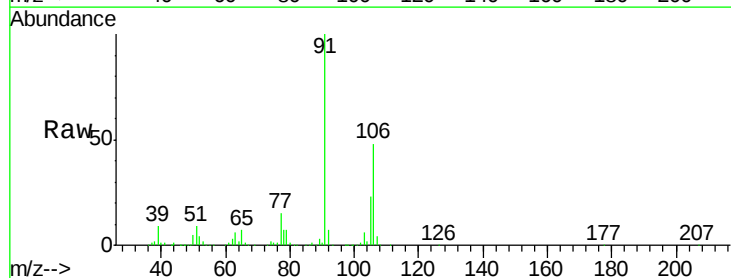
Instrument :
MSVOA_X
ClientSampleID :
BG3Q9DL

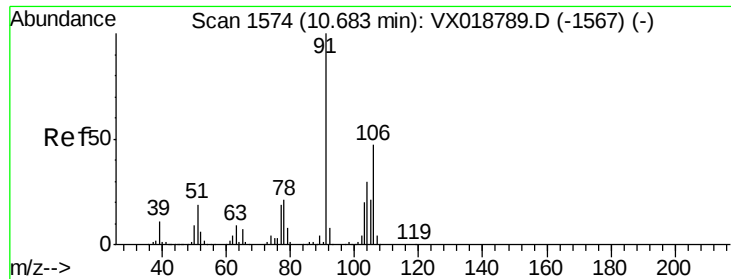
Tot Ion: 91 Resp: 42901
Ion Ratio Lower Upper
91 100
106 27.9 21.5 39.9



#55
m,p-xylene
Concen: 4.379 ug/L
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018795.D
Acq: 06 Oct 2020 13:25

Tgt Ion: 106 Resp: 58889
Ion Ratio Lower Upper
106 100
91 207.5 143.4 266.2

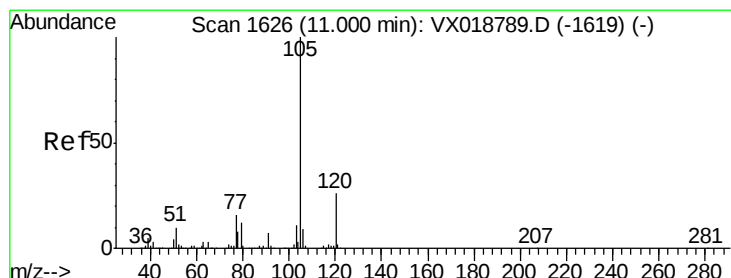
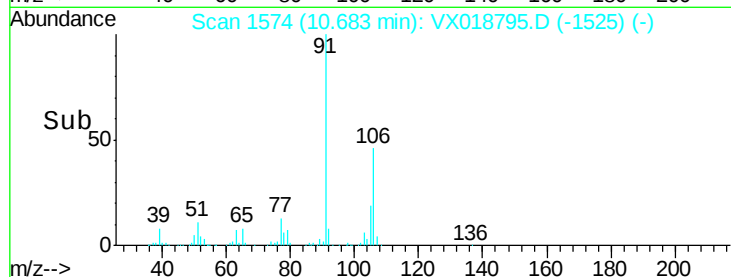
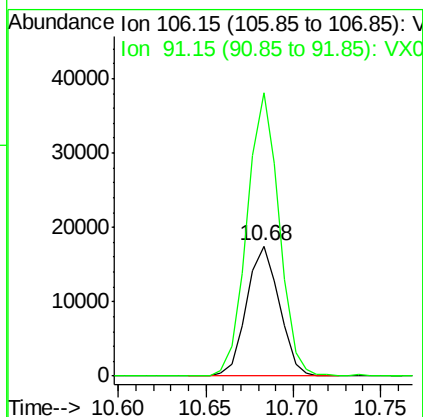
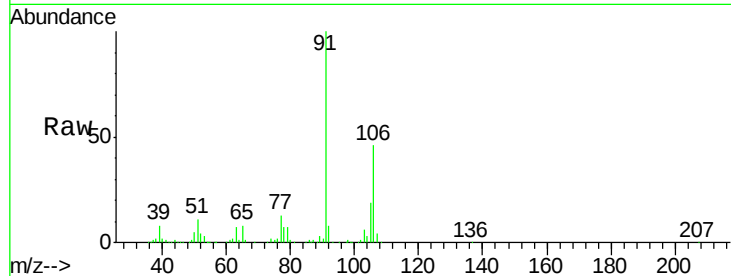




#56
o-xylene
Concen: 1.840 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018795.D
Acq: 06 Oct 2020 13:25

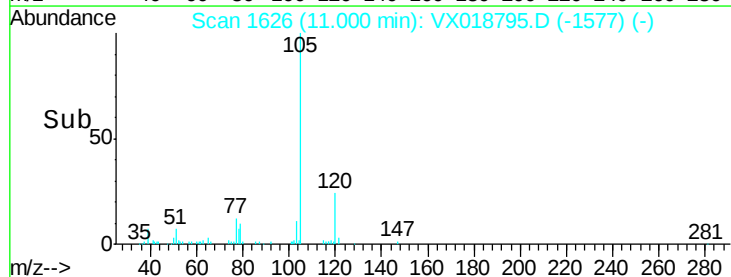
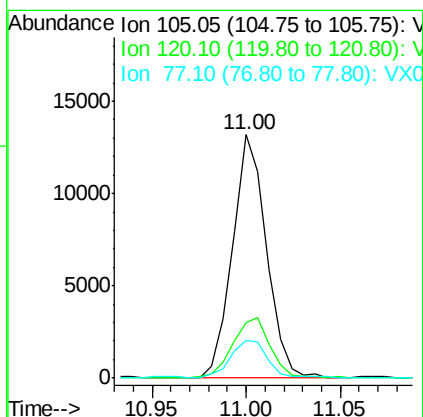
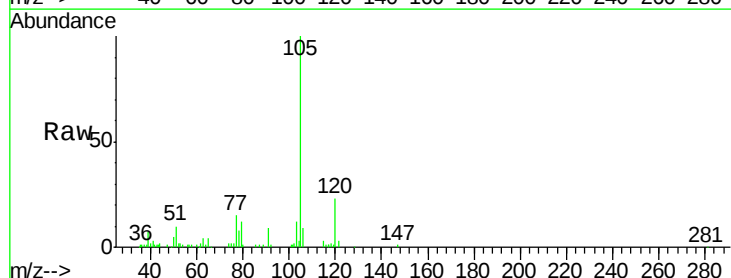
Instrument :
MSVOA_X
ClientSampleID :
BG3Q9DL

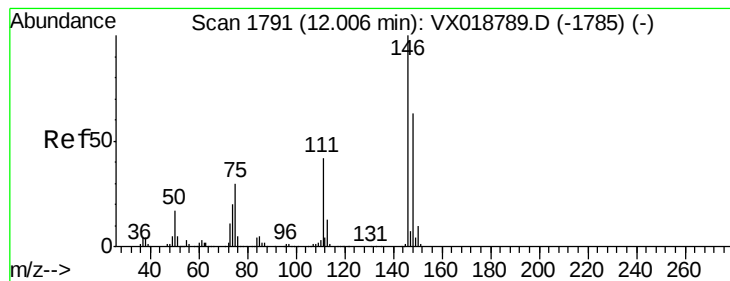
Tot Ion:106 Resp: 22869
Ion Ratio Lower Upper
106 100
91 217.2 153.4 284.8



#58
Isopropylbenzene
Concen: 0.474 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018795.D
Acq: 06 Oct 2020 13:25

Tgt Ion:105 Resp: 16492
Ion Ratio Lower Upper
105 100
120 27.7 20.2 30.2
77 16.7 13.3 19.9





#63

1,3-Dichlorobenzene

Concen: 0.558 ug/L

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX018795.D

Acq: 06 Oct 2020 13:25

Instrument :

MSVOA_X

ClientSampled :

BG3Q9DL

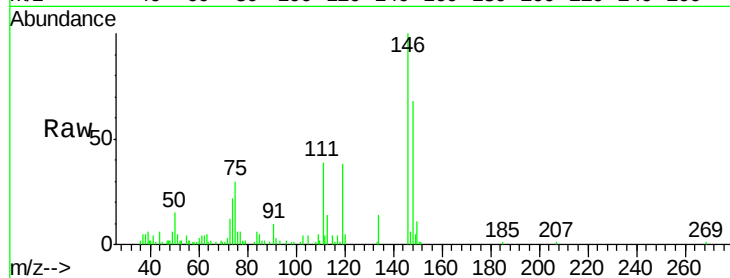
Tot Ion:146 Resp: 9578

Ion Ratio Lower Upper

146 100

111 38.8 28.4 52.8

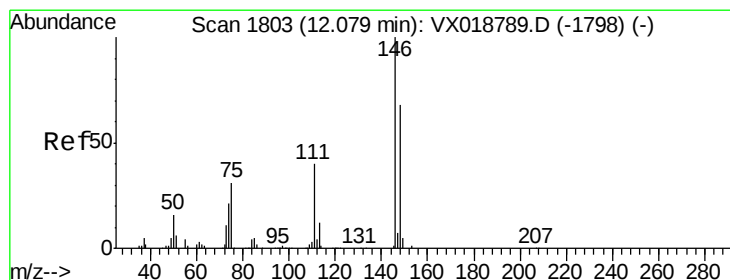
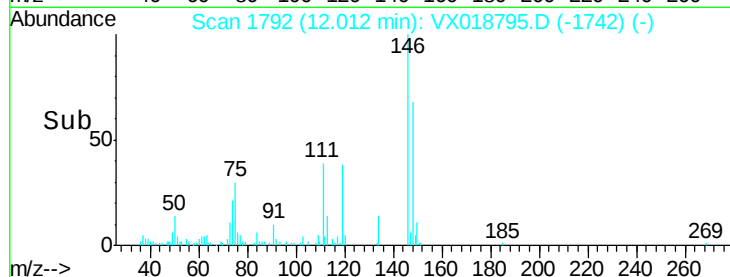
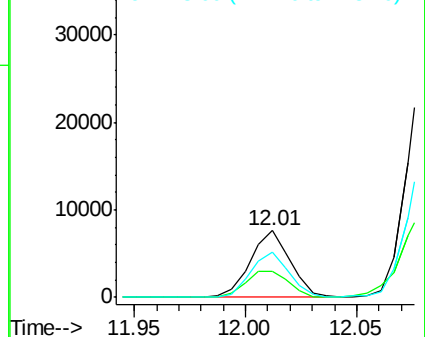
148 68.5 45.9 85.3



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#64

1,4-Dichlorobenzene

Concen: 2.106 ug/L

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX018795.D

Acq: 06 Oct 2020 13:25

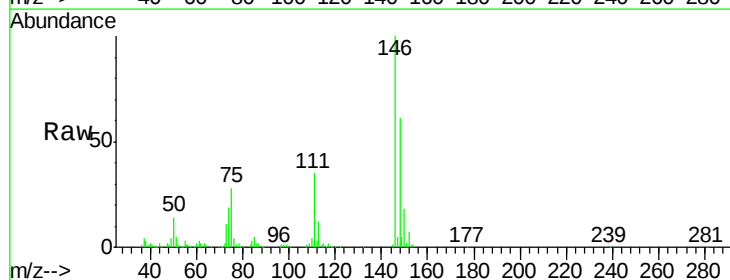
Tgt Ion:146 Resp: 36059

Ion Ratio Lower Upper

146 100

111 35.0 28.6 53.2

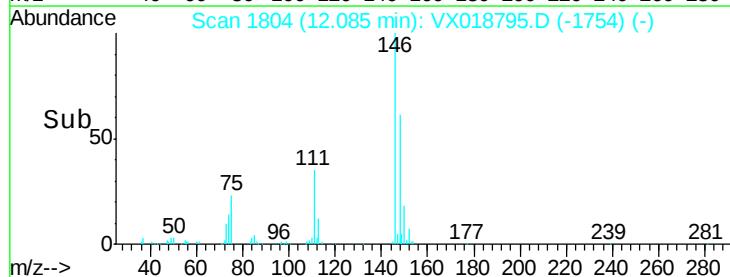
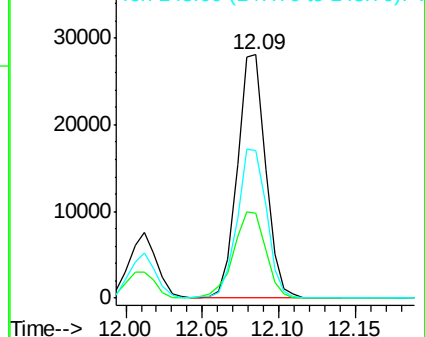
148 60.8 44.2 82.0

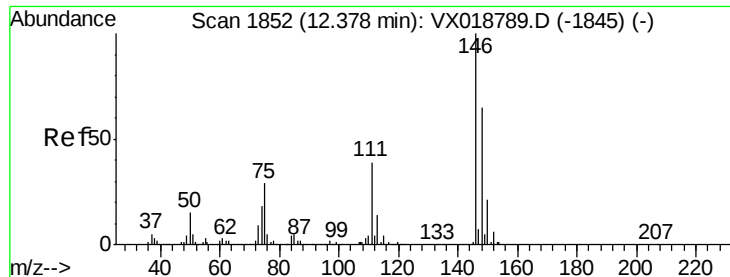


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#66

1,2-Dichlorobenzene

Concen: 0.758 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018795.D

Acq: 06 Oct 2020 13:25

Instrument :

MSVOA_X

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BG3Q9DL

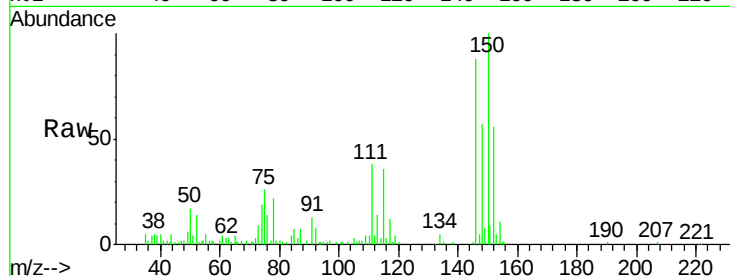
Tot Ion:146 Resp: 12153

Ion Ratio Lower Upper

146 100

111 42.5 31.7 47.5

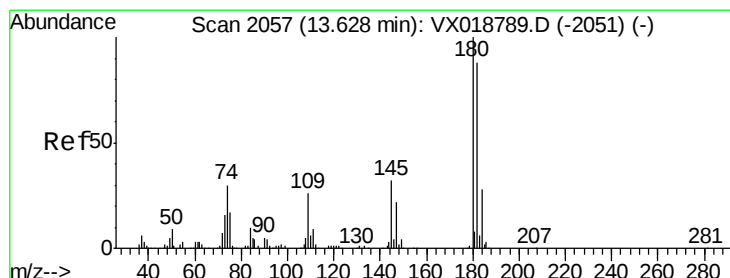
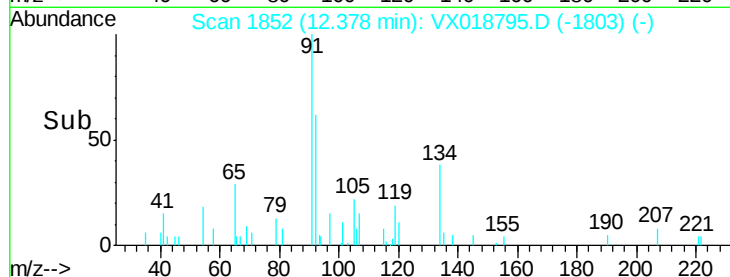
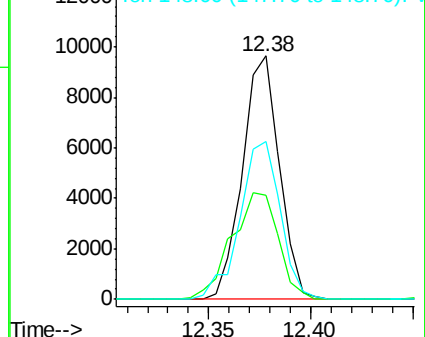
148 64.6 49.0 73.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#69

1,2,4-trichlorobenzene

Concen: 8.306 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018795.D

Acq: 06 Oct 2020 13:25

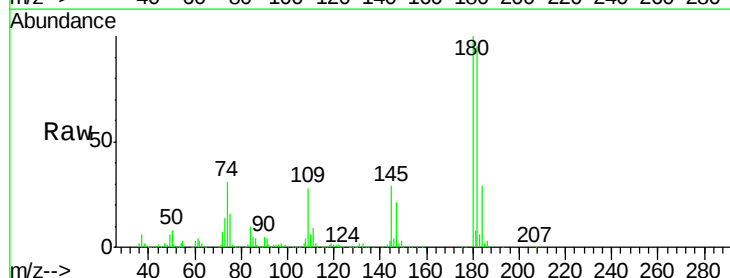
Tgt Ion:180 Resp: 91150

Ion Ratio Lower Upper

180 100

182 96.5 80.2 120.4

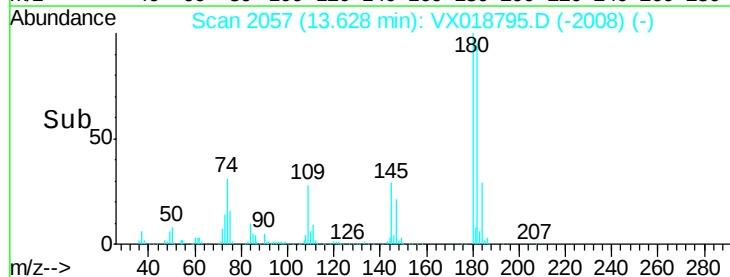
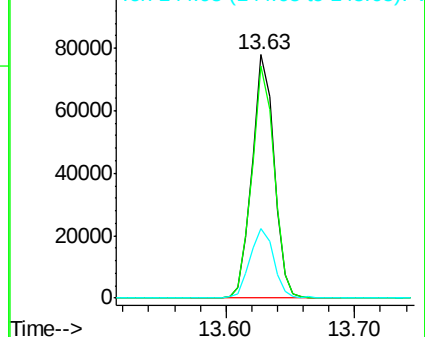
145 31.5 25.2 37.8

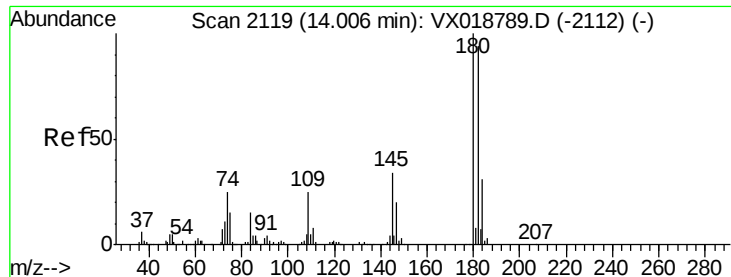


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#71
 1,2,3-Trichlorobenzene
 Concen: 3.296 ug/L
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX018795.D
 Acq: 06 Oct 2020 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3Q9DL

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.9	73.6	110.4
145	33.9	26.6	40.0

