

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041923\
 Data File : VX035188.D
 Acq On : 19 Apr 2023 22:48
 Operator : JC/MD
 Sample : 02333-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 20 05:08:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 04:51:49 2023
 Response via : Initial Calibration

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

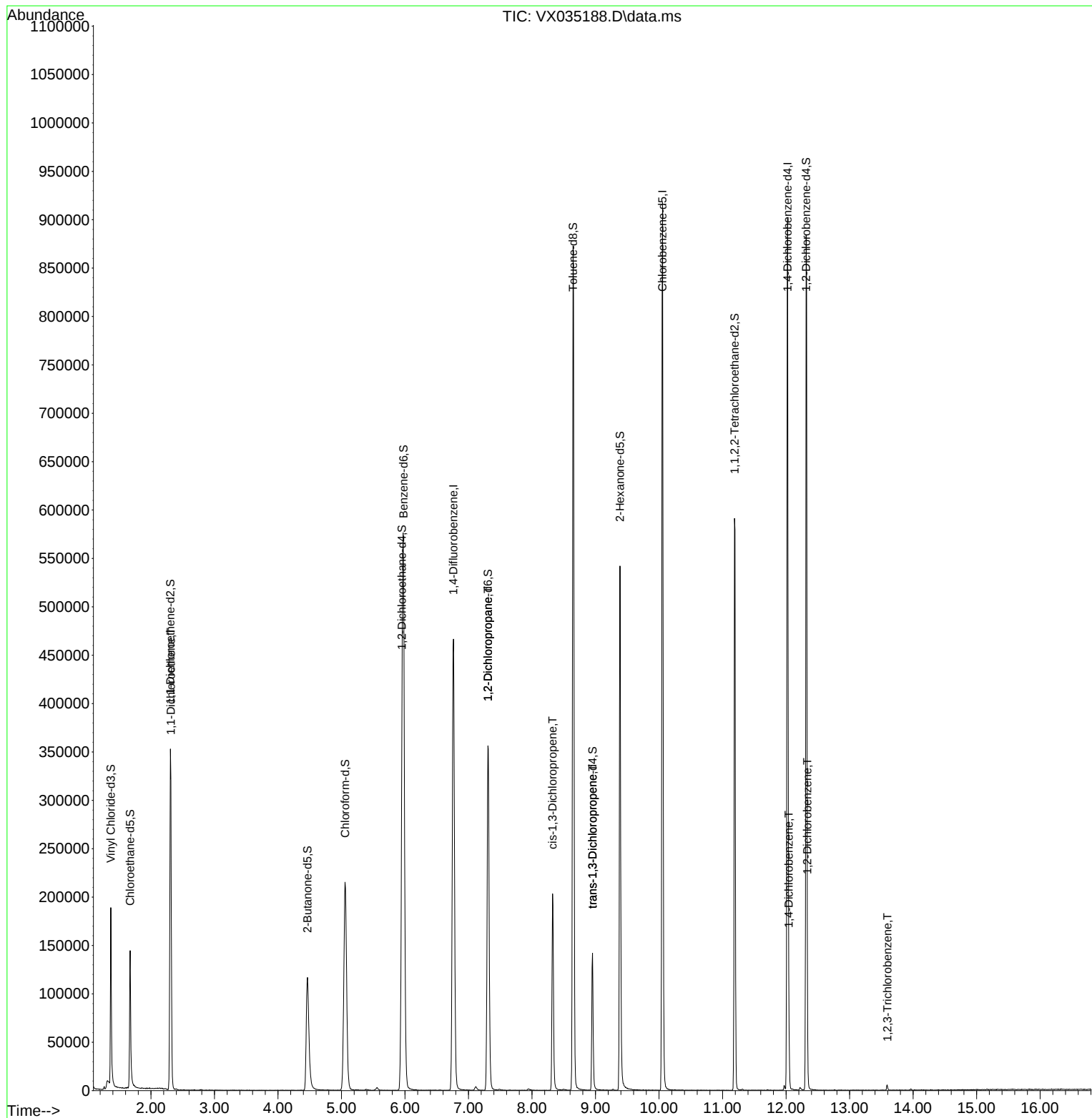
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	485437	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	420543	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	189319	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	125627	40.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.280%
7) Chloroethane-d5	1.672	69	99917	44.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.360%
11) 1,1-Dichloroethene-d2	2.306	65	64199	42.865	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.740%
21) 2-Butanone-d5	4.465	46	219517	105.239	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.240%
24) Chloroform-d	5.056	84	275860	46.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.952	65	189490	50.059	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.120%
32) Benzene-d6	5.976	84	589060	48.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.520%
36) 1,2-Dichloropropane-d6	7.305	67	185246	50.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.400%
41) Toluene-d8	8.647	98	519664	47.068	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.140%
43) trans-1,3-Dichloroprop...	8.952	79	68695	42.597	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.200%
47) 2-Hexanone-d5	9.384	63	154477	104.244	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.240%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	232936	51.543	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	184677	50.337	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.680%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.312	96	1503	0.518	ug/L #	1
37) 1,2-Dichloropropane	7.305	63	20326	6.062	ug/L #	86
39) cis-1,3-Dichloropropene	8.324	75	4661	0.930	ug/L #	55
44) trans-1,3-Dichloropropene	8.952	75	3294	0.729	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	23158	3.855	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	6688	1.123	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.597	180	1494	0.445	ug/L	91

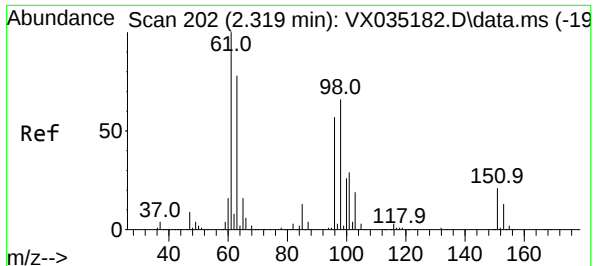
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 20 04:51:49 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.518 ug/L

RT: 2.312 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX035188.D

Acq: 19 Apr 2023 22:48

Instrument :

MSVOA_X

ClientSampleId :

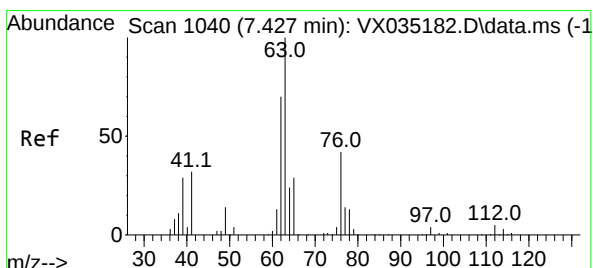
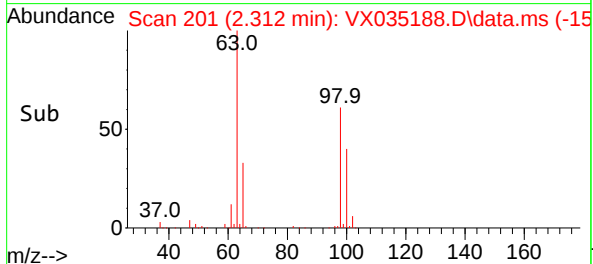
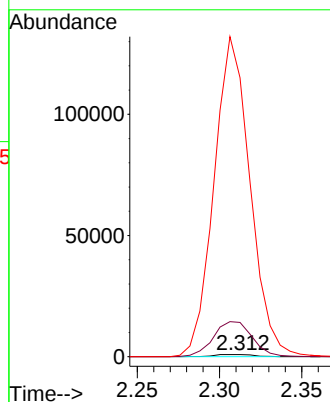
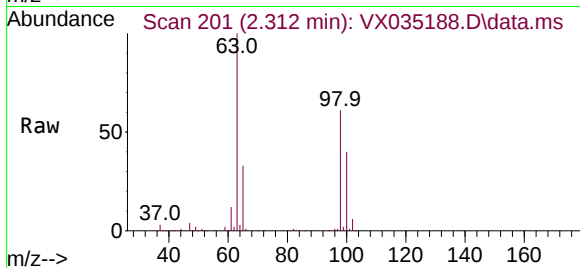
Tgt Ion: 96 Resp: 1503

Ion Ratio Lower Upper

96 100

61 1586.9 119.0 221.0#

63 12911.3 91.0 169.0#



#37

1,2-Dichloropropane

Concen: 6.062 ug/L

RT: 7.305 min Scan# 1020

Delta R.T. -0.122 min

Lab File: VX035188.D

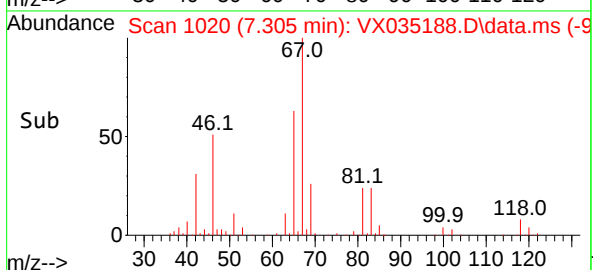
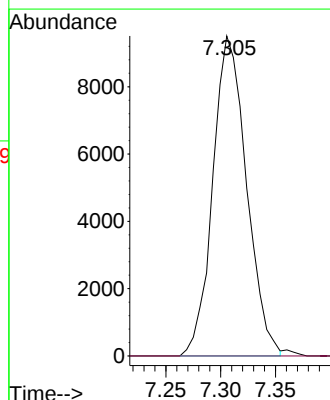
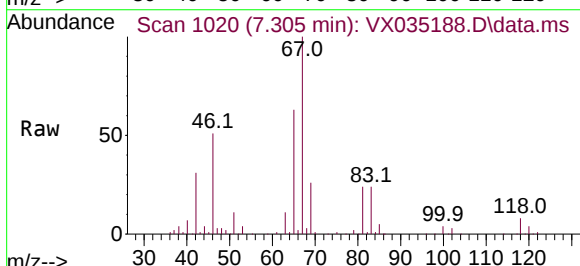
Acq: 19 Apr 2023 22:48

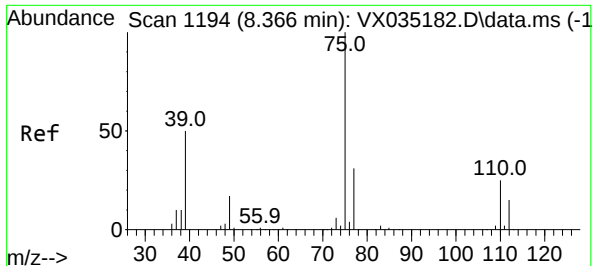
Tgt Ion: 63 Resp: 20326

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.930 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX035188.D

Acq: 19 Apr 2023 22:48

Instrument :

MSVOA_X

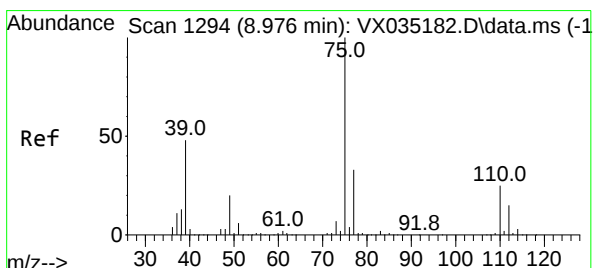
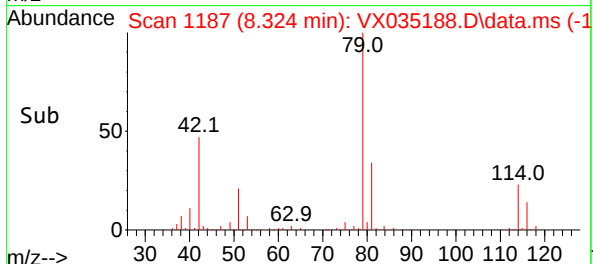
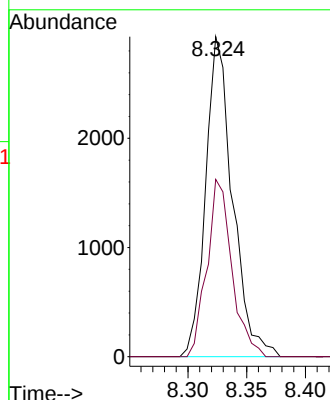
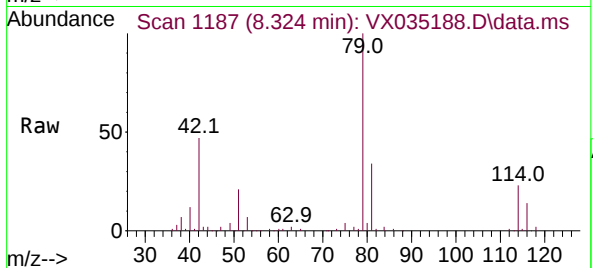
ClientSampleId :

Tgt Ion: 75 Resp: 4661

Ion Ratio Lower Upper

75 100

77 55.4 21.4 39.8#



#44

trans-1,3-Dichloropropene

Concen: 0.729 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX035188.D

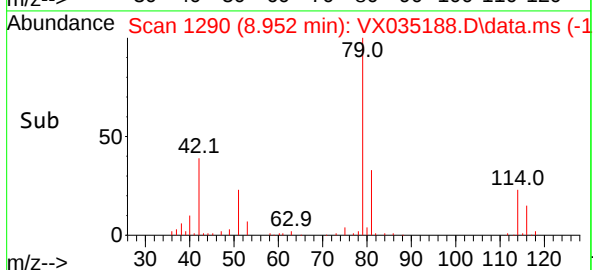
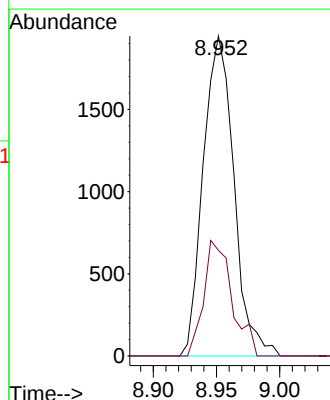
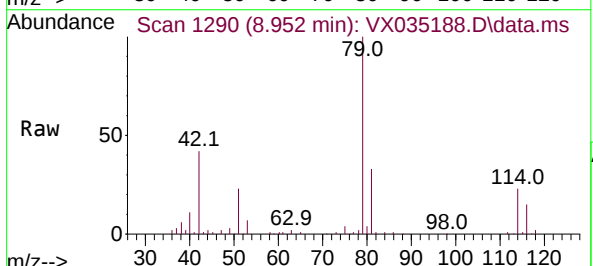
Acq: 19 Apr 2023 22:48

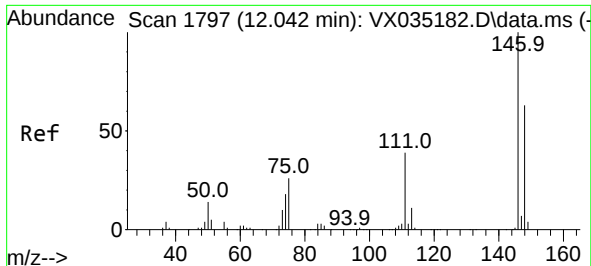
Tgt Ion: 75 Resp: 3294

Ion Ratio Lower Upper

75 100

77 33.0 22.0 40.8





#65

1,4-Dichlorobenzene

Concen: 3.855 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035188.D

Acq: 19 Apr 2023 22:48

Instrument :

MSVOA_X

ClientSampleId :

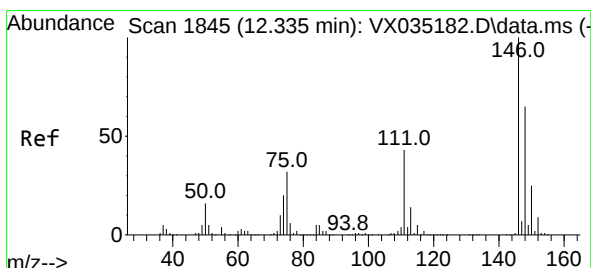
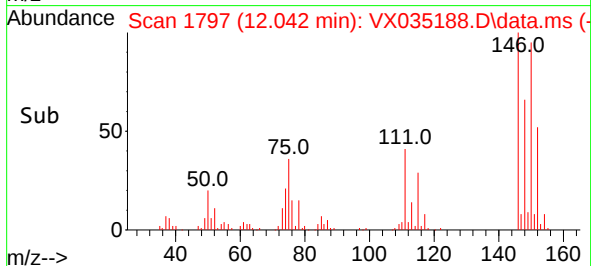
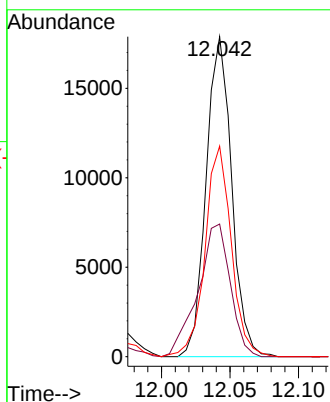
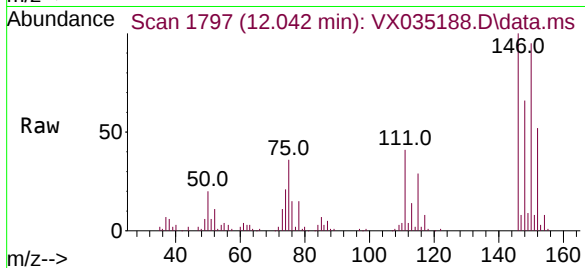
Tgt Ion:146 Resp: 23158

Ion Ratio Lower Upper

146 100

111 41.5 27.9 51.7

148 65.8 45.9 85.3



#67

1,2-Dichlorobenzene

Concen: 1.123 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035188.D

Acq: 19 Apr 2023 22:48

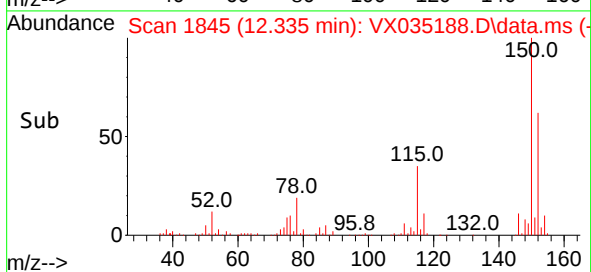
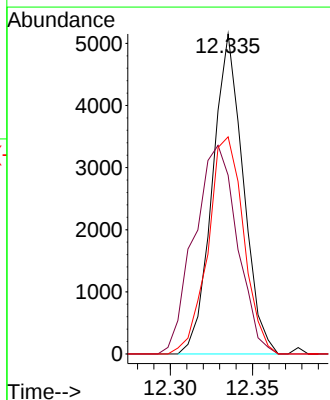
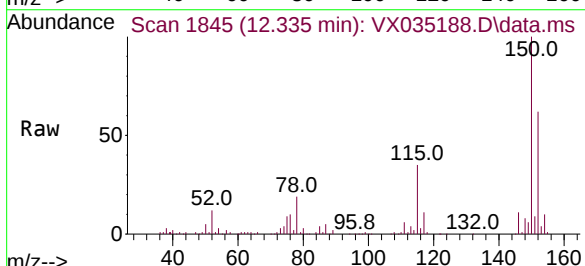
Tgt Ion:146 Resp: 6688

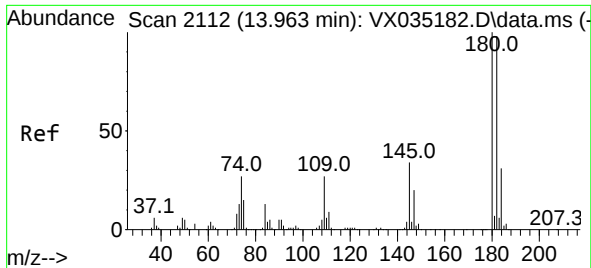
Ion Ratio Lower Upper

146 100

111 55.8 34.7 52.1#

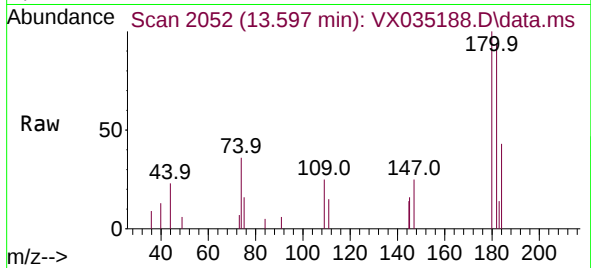
148 67.8 52.1 78.1





#72
 1,2,3-Trichlorobenzene
 Concen: 0.445 ug/L
 RT: 13.597 min Scan# 20
 Delta R.T. -0.366 min
 Lab File: VX035188.D
 Acq: 19 Apr 2023 22:48

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1494
Ion	Ratio	Lower	Upper
180	100		
182	102.5	75.0	112.6
145	29.1	27.1	40.7

