

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100620\
 Data File : VX018793.D
 Acq On : 06 Oct 2020 12:34
 Operator : JC/SP
 Sample : IBLK
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VIBLK61

Quant Time: Oct 07 01:31:46 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	134323	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	126433	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	60120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	36256	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.70	69	32279	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.34	63	65543	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	4.56	46	126765	61.59	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.18%
24) Chloroform-d	5.14	84	91915	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	6.03	65	53762	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	6.05	84	168581	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
36) 1,2-Dichloropropane-d6	7.37	67	52511	5.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.60%
41) Toluene-d8	8.70	98	150037	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
45) trans-1,3-Dichloropropene-	8.99	79	22812	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
48) 2-Hexanone-d5	9.43	63	99154	60.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.08%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	40497	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	62536	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

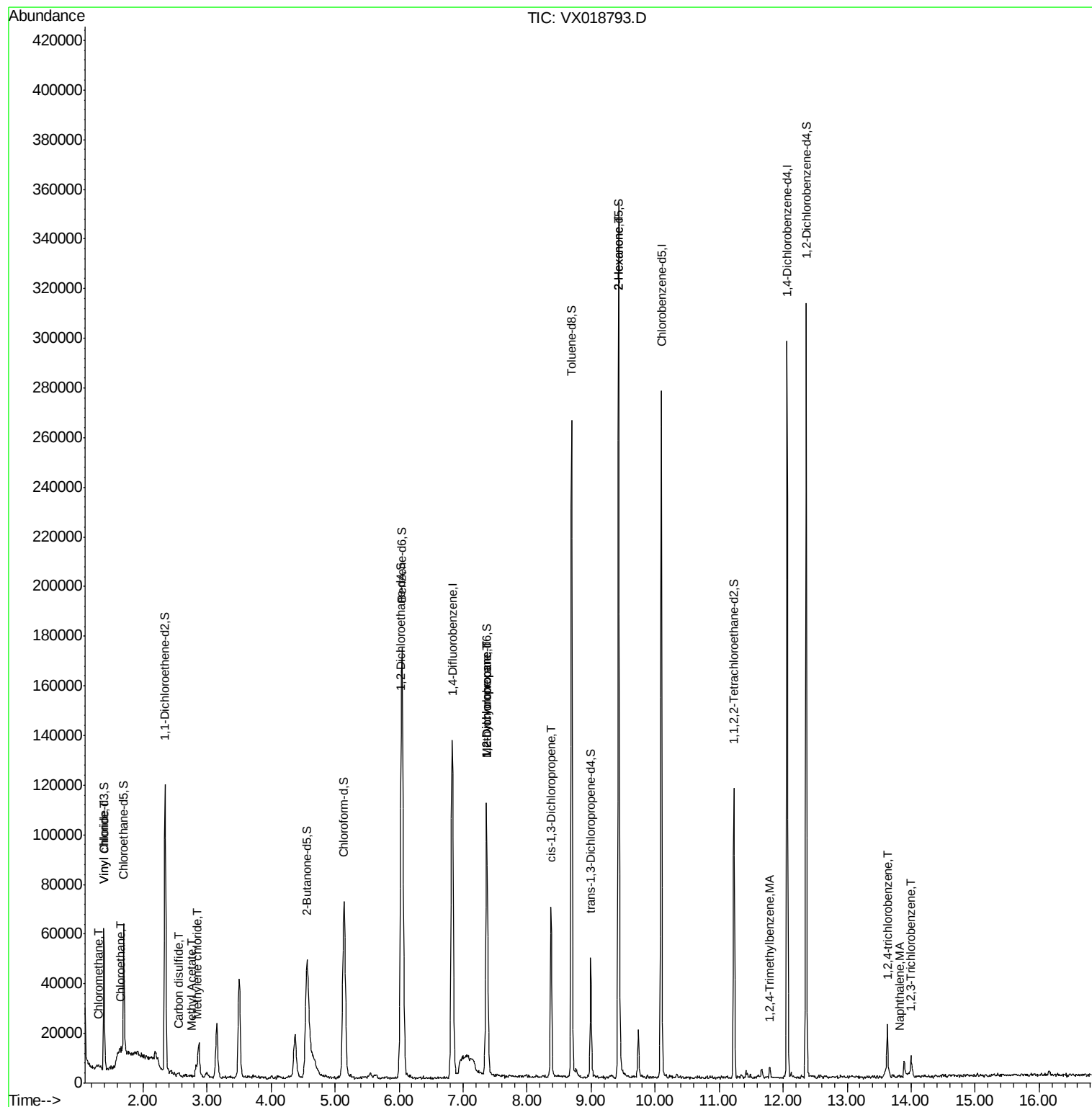
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	563	0.087	ug/L #	70
5) Vinyl chloride	1.39	62	400	0.055	ug/L #	1
8) Chloroethane	1.65	64	904	0.206	ug/L #	56
14) Carbon disulfide	2.55	76	1652	0.079	ug/L	98
15) Methyl Acetate	2.76	43	383	0.139	ug/L	99
16) Methylene chloride	2.84	84	1463	0.180	ug/L	91
35) Methylcyclohexane	7.37	83	13926	1.257	ug/L #	19
37) 1,2-Dichloropropane	7.37	63	6577	0.992	ug/L #	88
39) cis-1,3-Dichloropropene	8.37	75	1806	0.171	ug/L #	59
44) 1,2,4-Trimethylbenzene	11.79	105	1912	0.069	ug/L	99
50) 2-Hexanone	9.43	43	12893	4.620	ug/L #	72
69) 1,2,4-trichlorobenzene	13.63	180	6711	0.719	ug/L	93
70) Naphthalene	13.82	128	812	0.053	ug/L #	79
71) 1,2,3-Trichlorobenzene	14.00	180	2221	0.264	ug/L	95

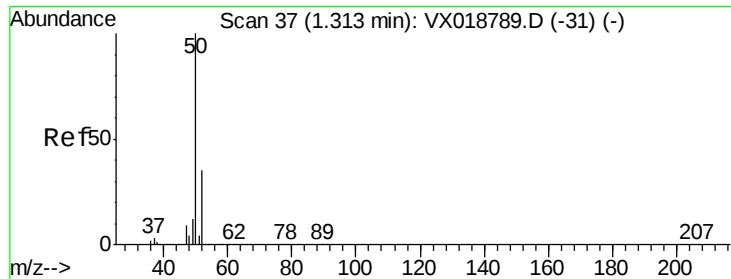
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.087 ug/L

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018793.D

Acq: 06 Oct 2020 12:34

Instrument :

MSVOA_X

ClientSampled :

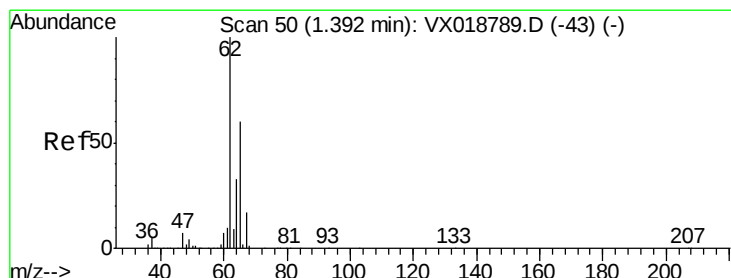
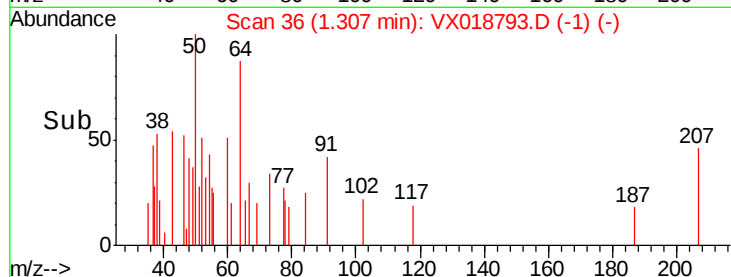
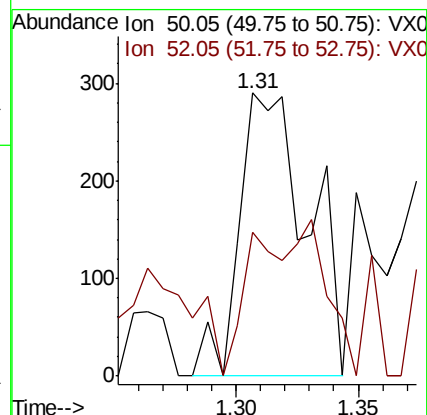
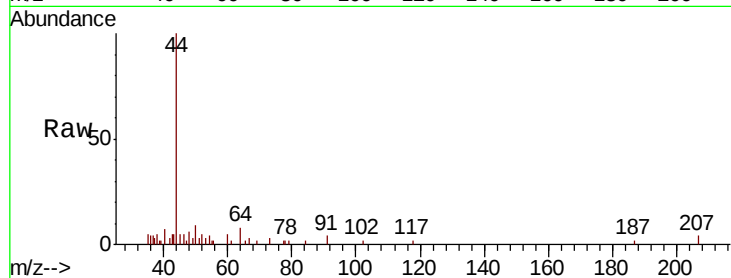
VIBLK61

Tot Ion: 50 Resp: 563

Ion Ratio Lower Upper

50 100

52 50.7 23.4 43.6#



#5

Vinyl chloride

Concen: 0.055 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018793.D

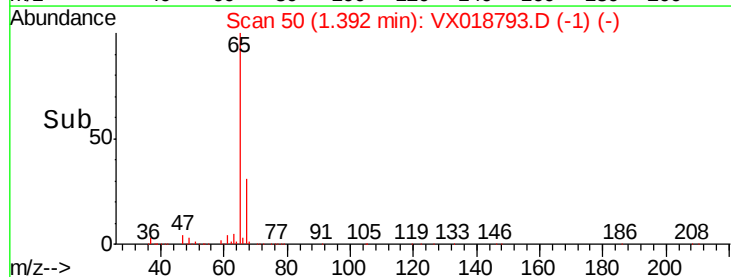
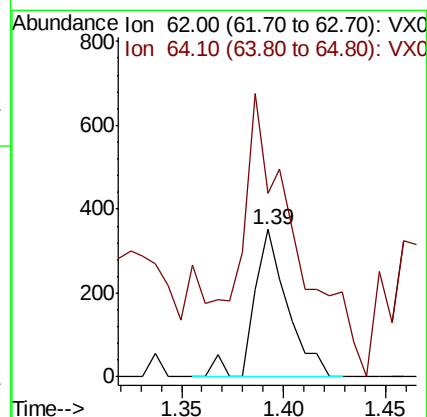
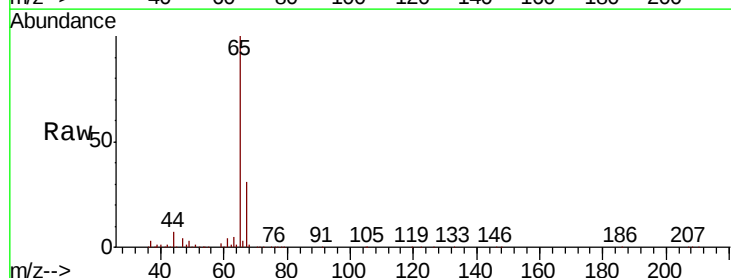
Acq: 06 Oct 2020 12:34

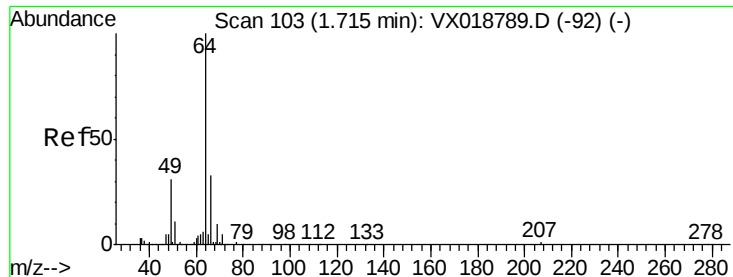
Tgt Ion: 62 Resp: 400

Ion Ratio Lower Upper

62 100

64 124.7 24.3 45.1#

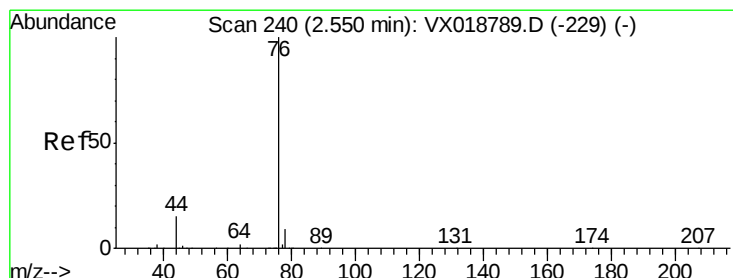
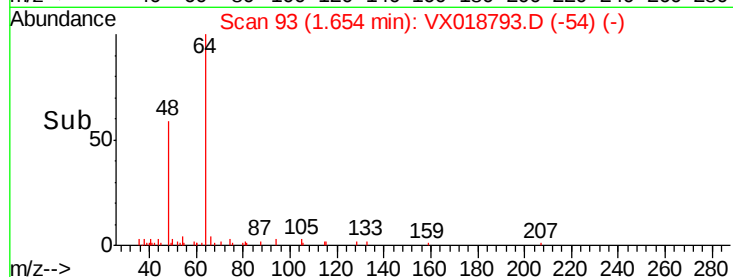
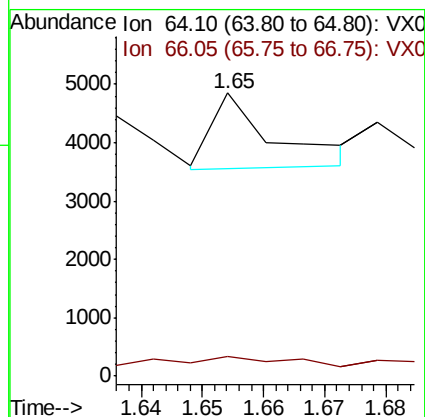
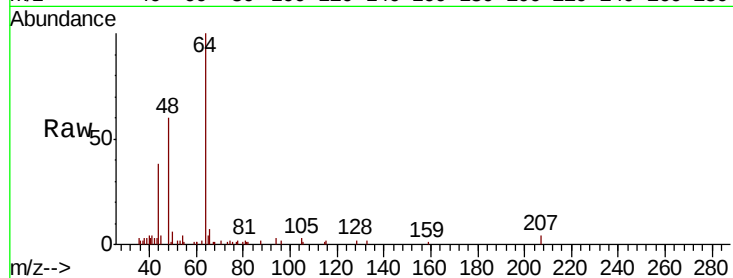




#8
Chloroethane
Concen: 0.206 ug/L
RT: 1.65 min Scan# 93
Delta R.T. -0.06 min
Lab File: VX018793.D
Acq: 06 Oct 2020 12:34

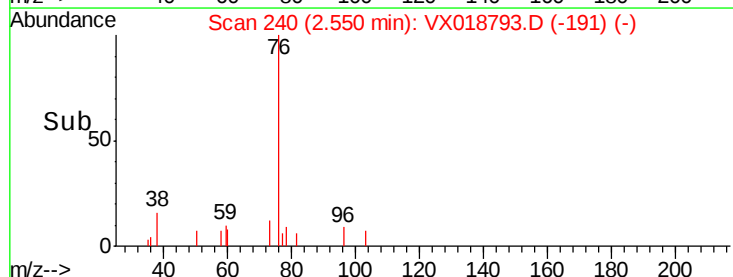
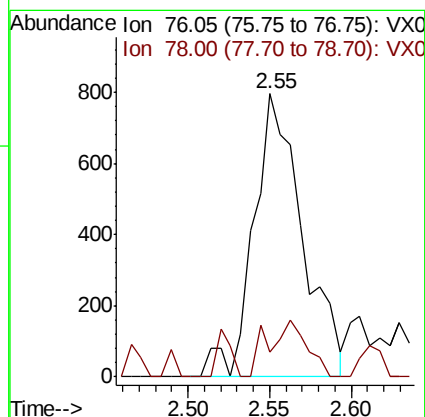
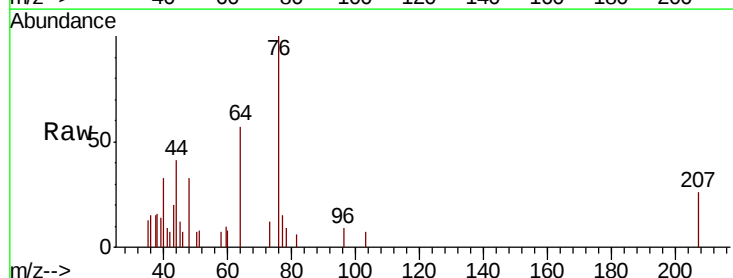
Instrument :
MSVOA_X
ClientSampled :
VIBLK61

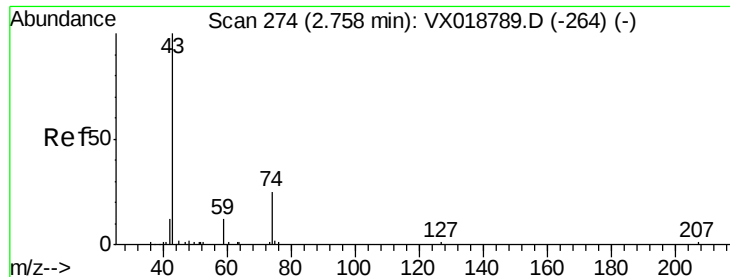
Tot Ion: 64 Resp: 904
Ion Ratio Lower Upper
64 100
66 6.9 21.5 39.9#



#14
Carbon disulfide
Concen: 0.079 ug/L
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018793.D
Acq: 06 Oct 2020 12:34

Tgt Ion: 76 Resp: 1652
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.2

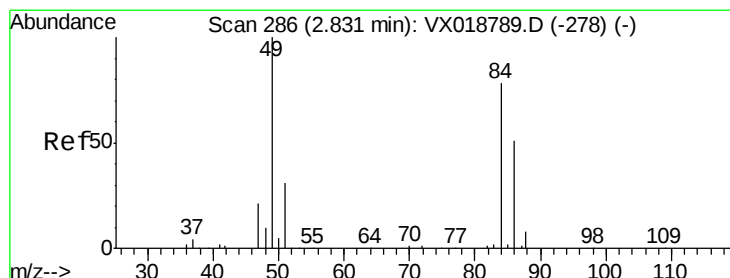
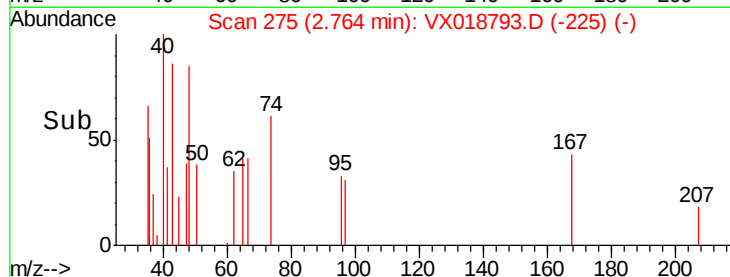
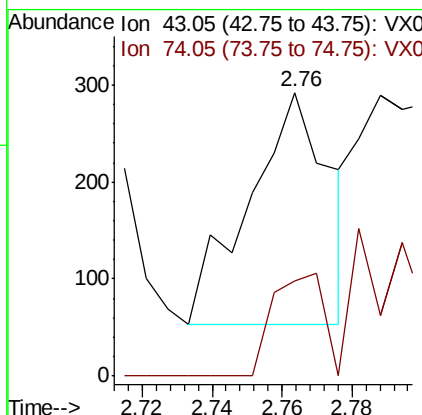
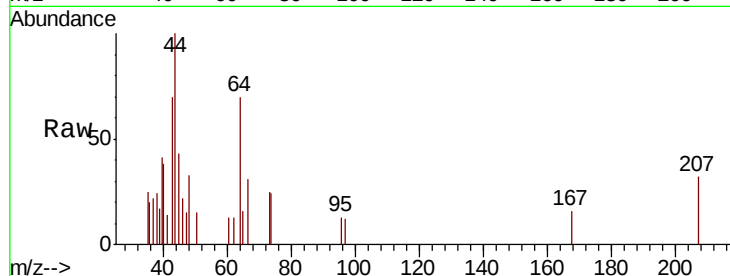




#15
Methyl Acetate
Concen: 0.139 ug/L
RT: 2.76 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX018793.D
Acq: 06 Oct 2020 12:34

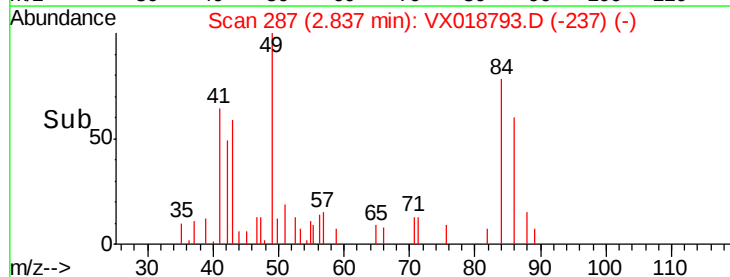
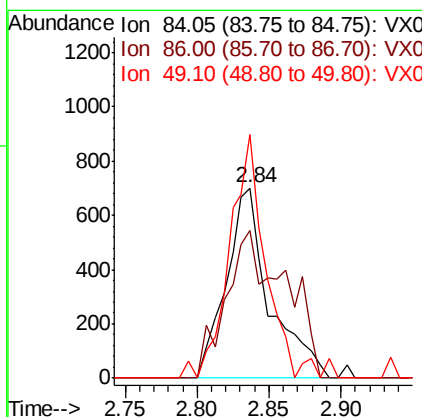
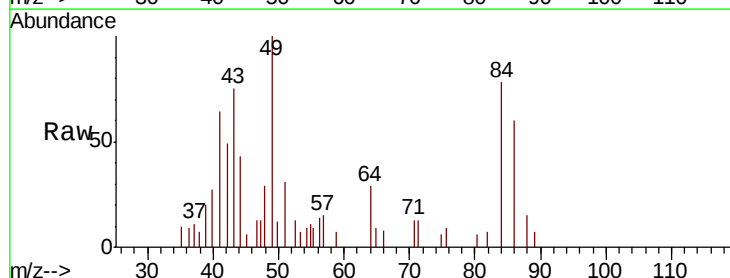
Instrument :
MSVOA_X
ClientSampled :
VIBLK61

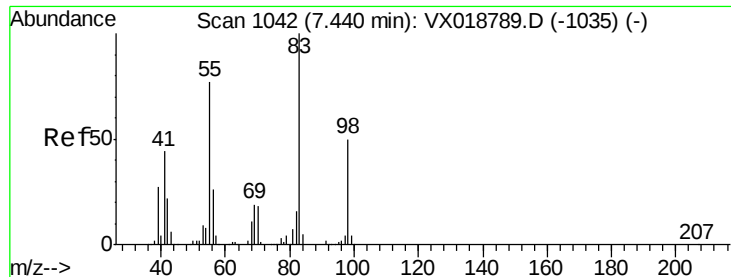
Tot Ion: 43 Resp: 383
Ion Ratio Lower Upper
43 100
74 27.7 21.9 32.9



#16
Methylene chloride
Concen: 0.180 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018793.D
Acq: 06 Oct 2020 12:34

Tgt Ion: 84 Resp: 1463
Ion Ratio Lower Upper
84 100
86 77.4 45.6 84.8
49 128.3 85.8 159.3

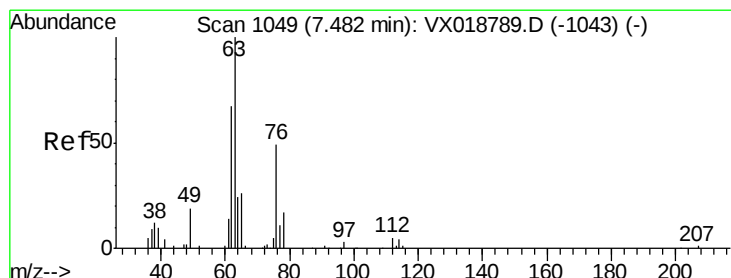
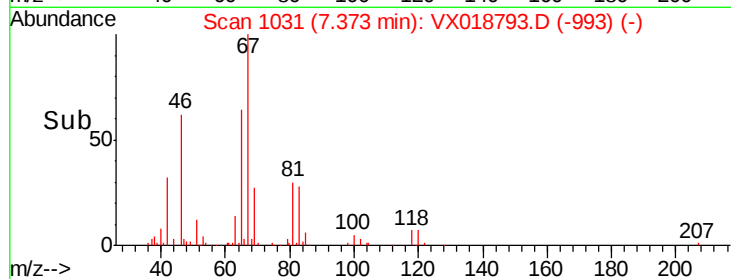
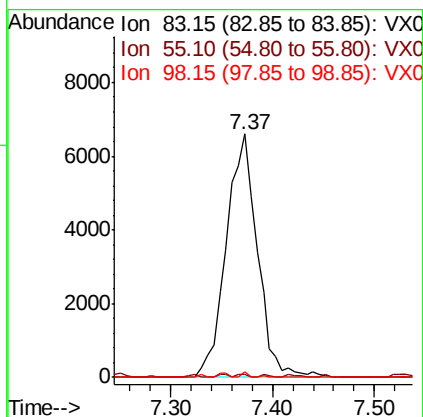
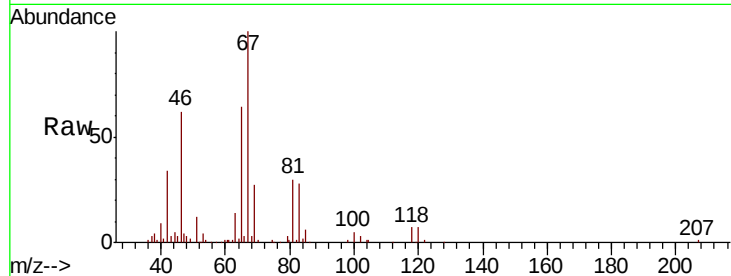




#35
Methvlcvclohexane
Concen: 1.257 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018793.D
Acq: 06 Oct 2020 12:34

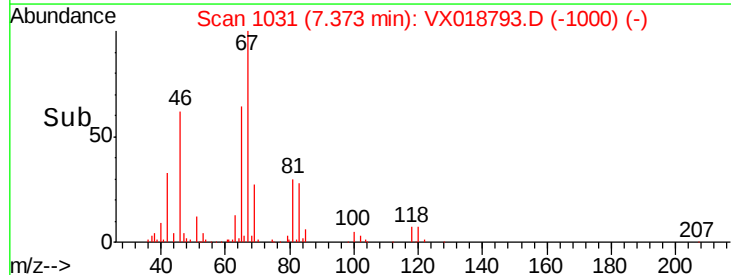
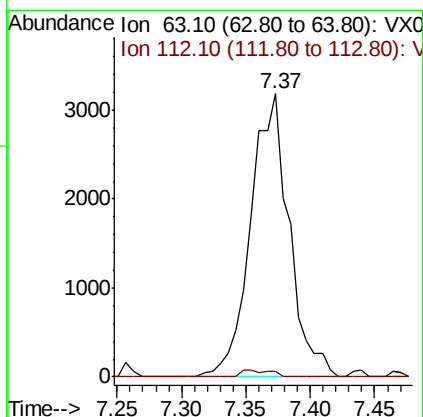
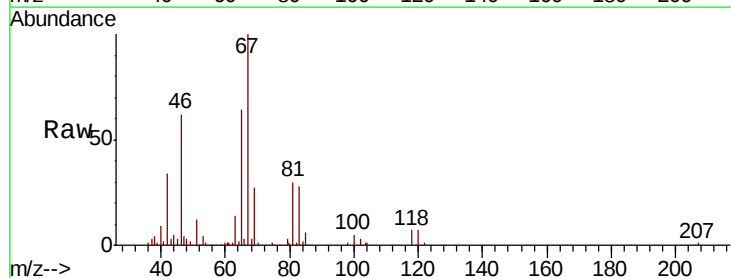
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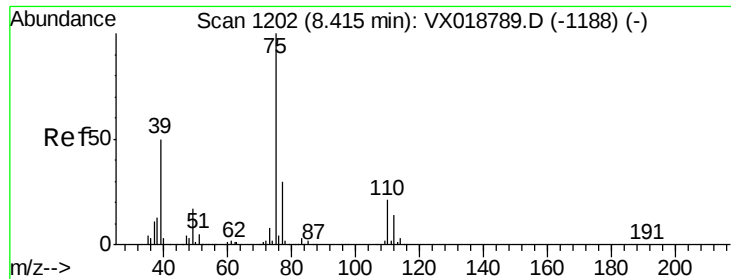
Tot Ion: 83 Resp: 13926
Ion Ratio Lower Upper
83 100
55 0.4 60.3 90.5#
98 0.4 39.4 59.0#



#37
1,2-Dichloropropane
Concen: 0.992 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.11 min
Lab File: VX018793.D
Acq: 06 Oct 2020 12:34

Tgt Ion: 63 Resp: 6577
Ion Ratio Lower Upper
63 100
112 1.9 4.7 7.1#





#39

cis-1,3-Dichloropropene

Concen: 0.171 ug/L

RT: 8.37 min Scan# 1195

Delta R.T. -0.04 min

Lab File: VX018793.D

Acq: 06 Oct 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

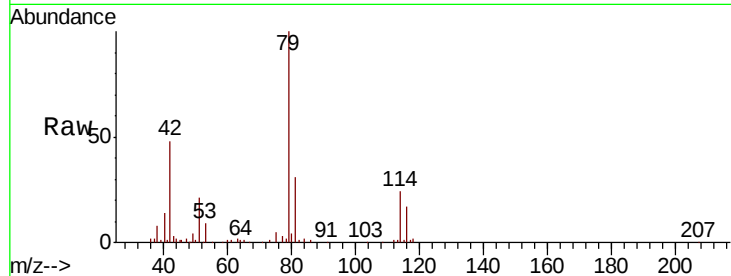
VIBLK61

Tot Ion: 75 Resp: 1806

Ion Ratio Lower Upper

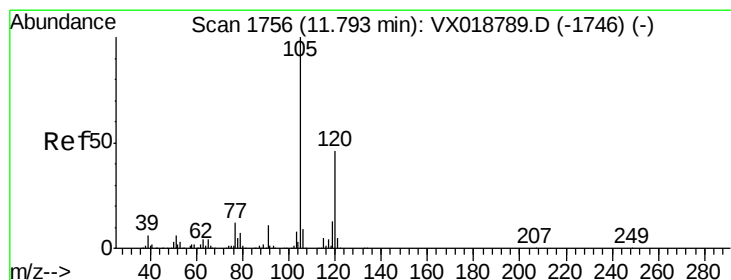
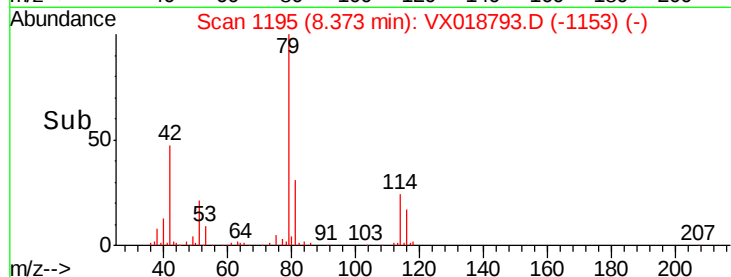
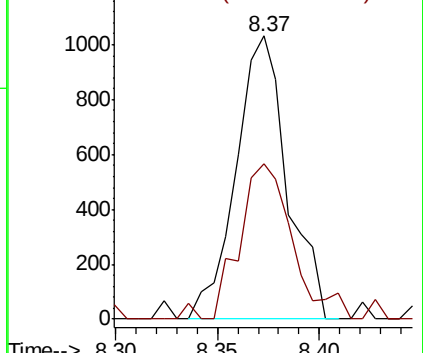
75 100

77 54.9 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



#44

1,2,4-Trimethylbenzene

Concen: 0.069 ug/L

RT: 11.79 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VX018793.D

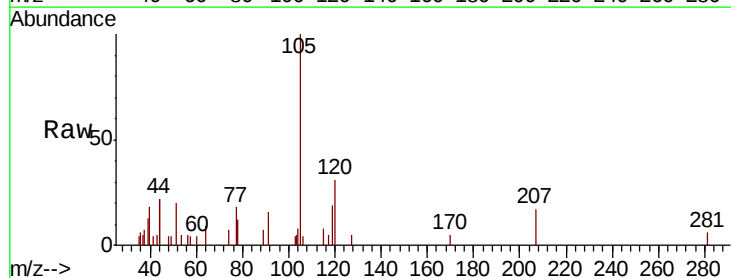
Acq: 06 Oct 2020 12:34

Tgt Ion: 105 Resp: 1912

Ion Ratio Lower Upper

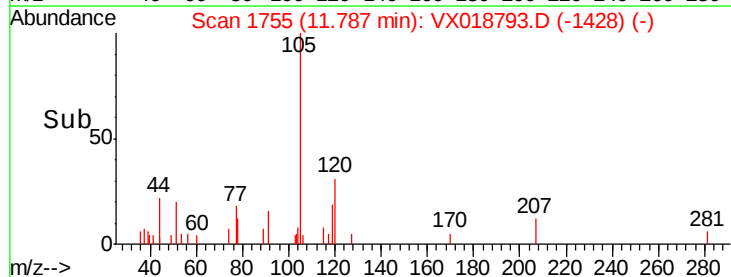
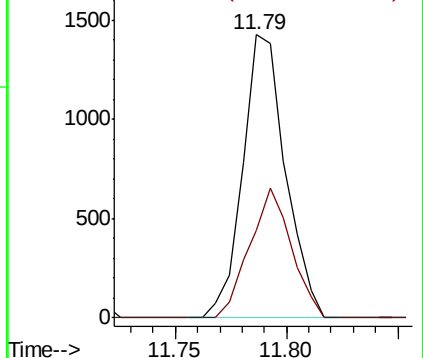
105 100

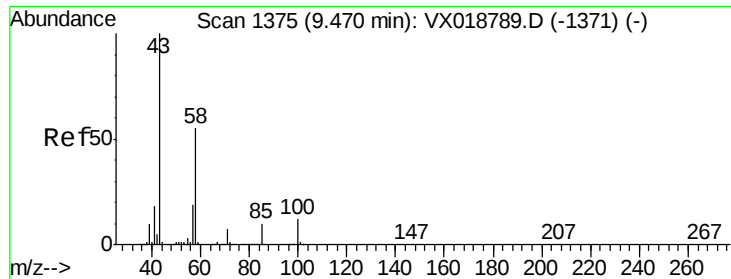
120 44.5 35.1 52.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

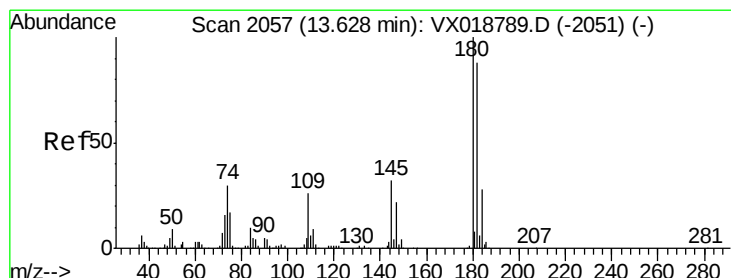
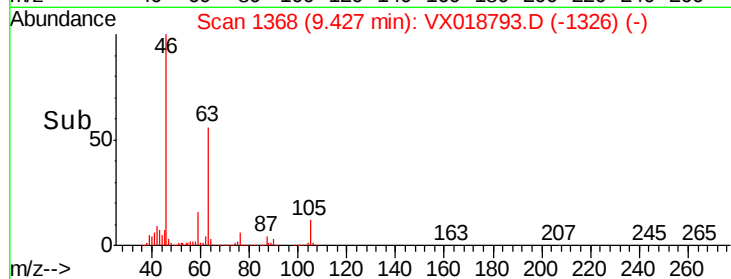
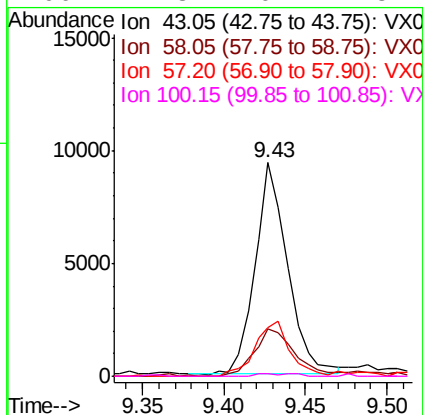
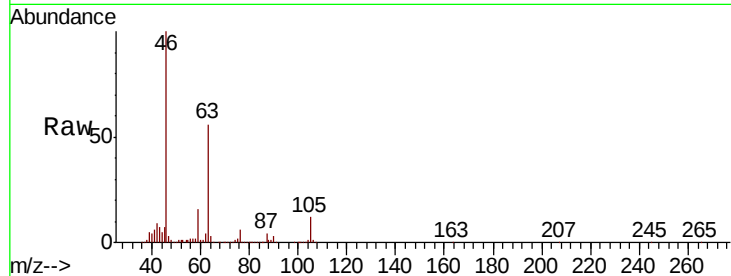




#50
2-Hexanone
Concen: 4.620 ug/L
RT: 9.43 min Scan# 1368
Delta R.T. -0.04 min
Lab File: VX018793.D
Acq: 06 Oct 2020 12:34

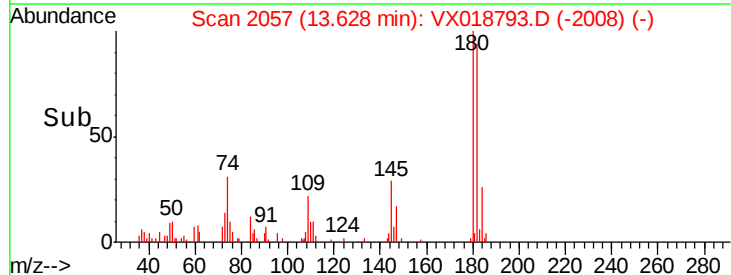
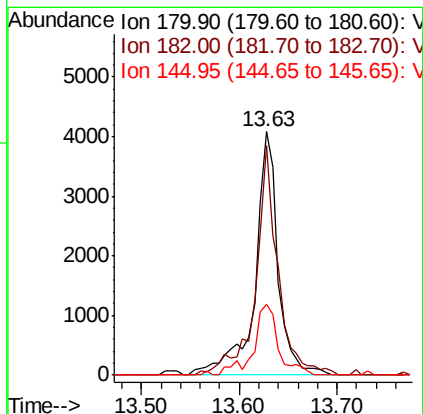
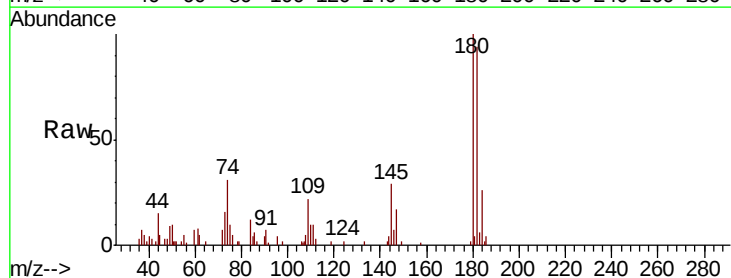
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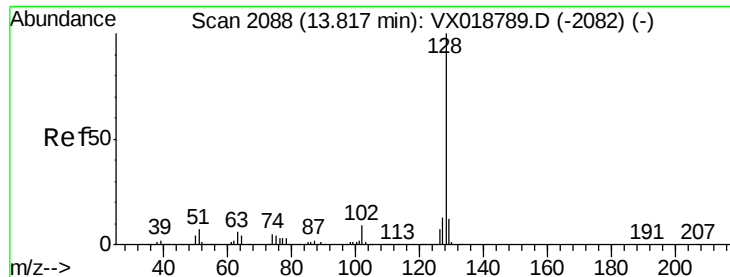
Tot Ion:	43	Resp:	12893
Ion	Ratio	Lower	Upper
43	100		
58	28.5	41.0	61.4#
57	27.6	15.9	23.9#
100	1.3	10.1	15.1#



#69
1,2,4-trichlorobenzene
Concen: 0.719 ug/L
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX018793.D
Acq: 06 Oct 2020 12:34

Tgt Ion:	180	Resp:	6711
Ion	Ratio	Lower	Upper
180	100		
182	91.1	80.2	120.4
145	31.1	25.2	37.8





#70

Naphthalene

Concen: 0.053 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018793.D

Acq: 06 Oct 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VIBLK61

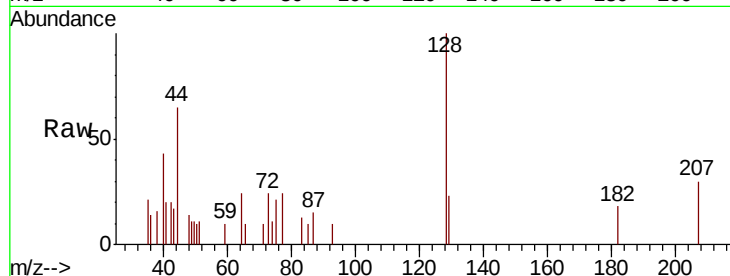
Tot Ion:128 Resp: 812

Ion Ratio Lower Upper

128 100

129 8.6 9.0 13.4#

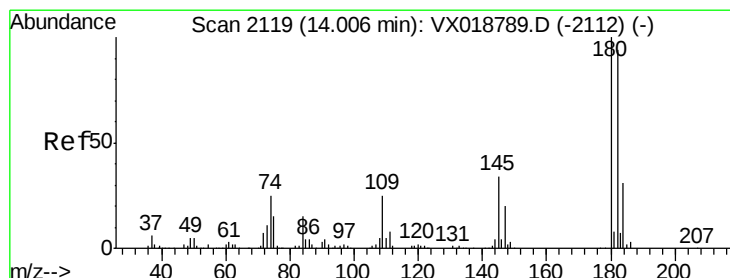
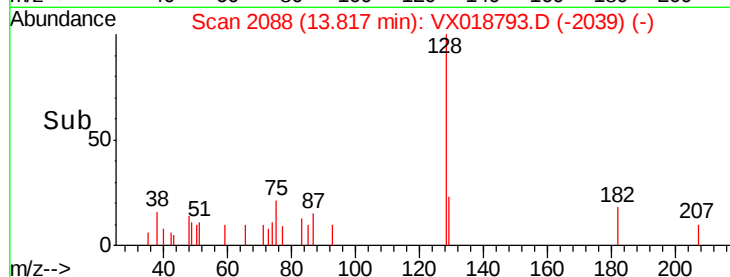
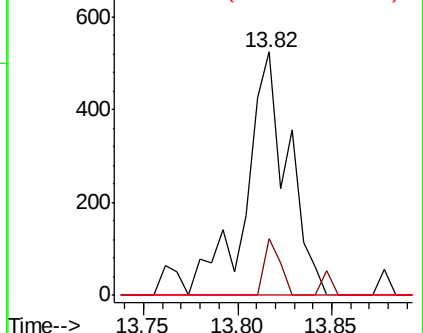
127 0.0 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#71

1,2,3-Trichlorobenzene

Concen: 0.264 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX018793.D

Acq: 06 Oct 2020 12:34

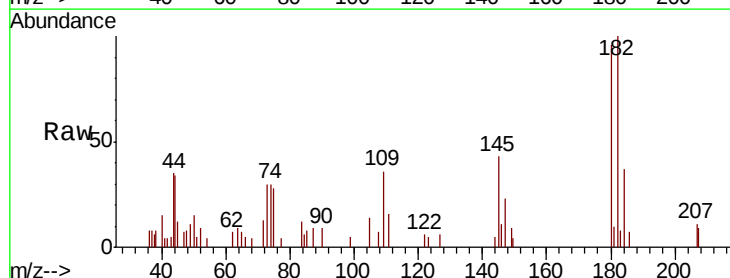
Tgt Ion:180 Resp: 2221

Ion Ratio Lower Upper

180 100

182 97.6 73.6 110.4

145 34.5 26.6 40.0



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

