

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072720\
 Data File : VX017608.D
 Acq On : 27 Jul 2020 09:46
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 10:31:45 AM

Quant Time: Jul 27 11:40:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X072720W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 27 11:26:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	112464	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	554841	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	483766	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	248796	30.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.10%
60) 4-Bromofluorobenzene	11.12	95	262826	31.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	104.73%
63) Toluene-d8	8.70	98	737646	34.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	116.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	181383	31.325	ug/l 100
3) Chloromethane	1.31	50	173317	28.955	ug/l 100
4) Vinyl Chloride	1.39	62	175248	28.433	ug/l 100
5) Bromomethane	1.63	94	114826	28.640	ug/l 100
6) Chloroethane	1.72	64	98372	25.370	ug/l 100
7) Trichlorofluoromethane	1.92	101	266534	25.676	ug/l 100
8) Diethyl Ether	2.17	74	71911	20.660	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	116222	21.525	ug/l 100
10) 1,1-Dichloroethene	2.36	96	106703	20.193	ug/l 100
11) Methyl Iodide	2.49	142	125218	19.678	ug/l 100
12) Methyl Acetate	2.75	43	165585	22.099	ug/l 100
13) Acrolein	2.27	56	113253	116.283	ug/l 100
14) Acrylonitrile	3.12	53	340836	102.677	ug/l 100
15) Acetone	2.42	58	93026	108.419	ug/l 100
16) Carbon Disulfide	2.55	76	292494	20.604	ug/l 100
17) Allyl chloride	2.71	41	202468	20.466	ug/l 100
18) Methylene Chloride	2.84	84	128929	19.925	ug/l 100
19) trans-1,2-Dichloroethene	3.14	96	116555	19.316	ug/l 100
20) Diisopropyl ether	3.83	45	410865	20.888	ug/l 100
21) 1,1-Dichloroethane	3.67	63	216377	19.836	ug/l 100
22) cis-1,2-Dichloroethene	4.57	96	134990	19.386	ug/l 100
23) tert-Butyl Alcohol	3.01	59	162001	114.131	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	429266	21.072	ug/l 100
25) Chloroform	5.18	83	248887	21.079	ug/l 100
26) Cyclohexane	5.55	56	196278	22.490	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	167853	21.306	ug/l 100
30) 2-Butanone	4.64	43	467155	107.935	ug/l 100
31) 2,2-Dichloropropane	4.55	77	219996	22.030	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	224082	21.723	ug/l 100
33) Carbon Tetrachloride	5.75	117	212711	22.215	ug/l 100
34) Benzene	6.12	78	448843	19.527	ug/l 100
35) Methacrylonitrile	5.01	41	105123	21.560	ug/l 100
36) 1,2-Dichloroethane	6.17	62	193241	20.968	ug/l 100
37) Trichloroethene	7.19	130	152845	21.561	ug/l 100
38) Methylcyclohexane	7.44	83	192903	22.808	ug/l 100
39) 1,2-Dichloropropane	7.49	63	127845	20.874	ug/l 100
40) Dibromomethane	7.64	93	91893	20.804	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	200516	21.560	ug/l	100
42) Vinyl Acetate	3.78	43	1500358	93.644	ug/l	100
43) Ethyl Acetate	4.80	43	165324	19.846	ug/l	100
44) Isopropyl Acetate	6.42	43	280640	20.049	ug/l	100
45) 1,4-Dioxane	7.71	88	59470	433.074	ug/l	100
46) Methyl methacrylate	7.74	41	135505	19.909	ug/l	100
47) n-amyl Acetate	10.88	43	233293	18.863	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	220307	21.319	ug/l	100
49) cis-1,3-Dichloropropene	8.42	75	239105	22.089	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	130618	20.133	ug/l	100
51) Ethyl methacrylate	9.16	69	195648	20.415	ug/l	100
52) 1,3-Dichloropropane	9.35	76	207164	19.740	ug/l	100
53) Dibromochloromethane	9.57	129	150758	19.175	ug/l	100
54) 1,2-Dibromoethane	9.65	107	135329	19.588	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	537164	119.276	ug/l	100
56) Bromoform	10.84	173	120072	19.361	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	1017970	123.728	ug/l	100
59) 2-Hexanone	9.47	43	639593	106.375	ug/l	100
61) Tetrachloroethene	9.32	164	146325	22.766	ug/l	100
62) Toluene	8.76	91	563543	23.320	ug/l	100
64) Chlorobenzene	10.12	112	320455	20.473	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	138037	21.288	ug/l	100
66) Ethyl Benzene	10.24	91	557281	20.973	ug/l	100
67) m/p-Xylenes	10.34	106	421233	41.317	ug/l	100
68) o-Xylene	10.68	106	205807	20.981	ug/l	100
69) Styrene	10.70	104	359013	20.709	ug/l	100
70) Isopropylbenzene	11.00	105	642422	23.320	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	176247	21.038	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	179929m	21.779	ug/l	100
73) Bromobenzene	11.24	156	171417	22.394	ug/l	100
74) n-propylbenzene	11.34	91	686716	21.849	ug/l	100
75) 2-Chlorotoluene	11.40	91	410568	21.579	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	496229	21.480	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	75771	23.300	ug/l	100
78) 4-Chlorotoluene	11.49	91	478001	21.245	ug/l	100
79) tert-butylbenzene	11.76	119	477148	21.253	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	494766	21.285	ug/l	100
81) sec-Butylbenzene	11.93	105	559358	21.566	ug/l	100
82) p-Isopropyltoluene	12.05	119	544478	22.058	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	281895	20.835	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	285031	20.782	ug/l	100
85) n-Butylbenzene	12.37	91	519138	24.172	ug/l	100
86) Hexachloroethane	12.58	117	109834	22.727	ug/l	100
87) 1,2-Dichlorobenzene	12.37	146	290198	22.069	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	46540	22.465	ug/l	100
89) 1,2,4-Trichlorobenzene	13.63	180	233574	24.997	ug/l	100
90) Hexachlorobutadiene	13.76	225	102907	26.986	ug/l	100
91) Naphthalene	13.82	128	700744	24.622	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	226465	24.649	ug/l	100

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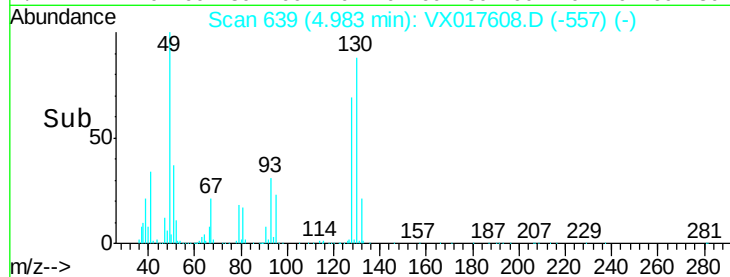
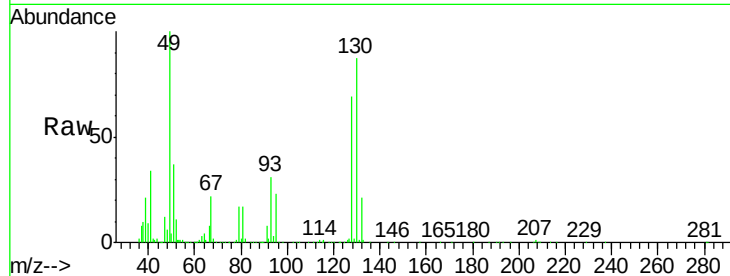
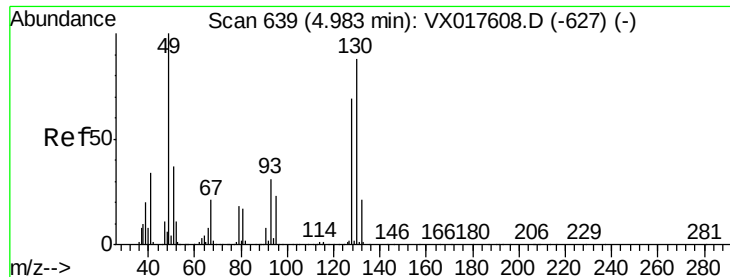
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX017608.D

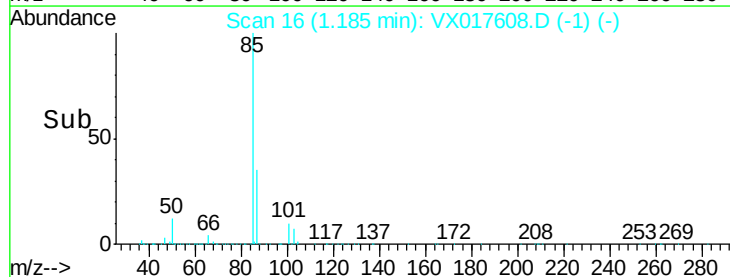
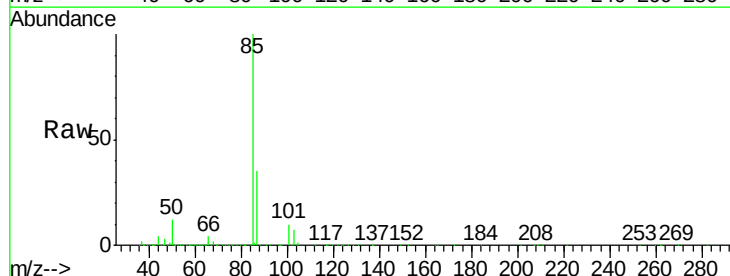
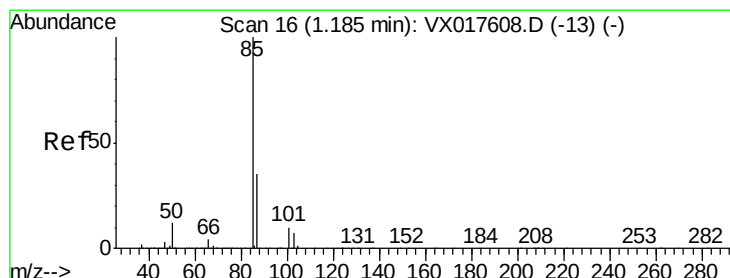
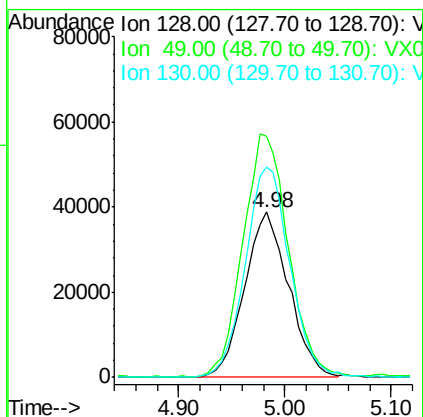
Acq: 27 Jul 2020 09:46

Tot Ion:	128	Resp:	112464
Ion	Ratio	Lower	Upper
128	100		
49	150.4	0.0	376.0
130	129.2	0.0	323.0

Instrument :
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#2

Dichlorodifluoromethane

Concen: 31.325 ug/l

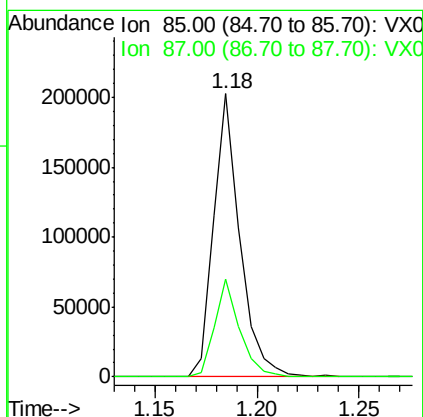
RT: 1.18 min Scan# 16

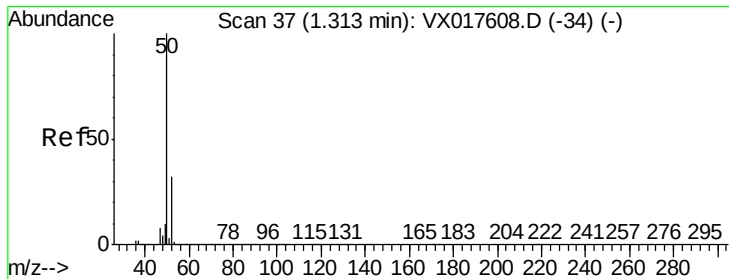
Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Tgt Ion:	85	Resp:	181383
Ion	Ratio	Lower	Upper
85	100		
87	34.6	17.3	51.9





#3

Chloromethane

Concen: 28.955 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 173317

Ion Ratio Lower Upper

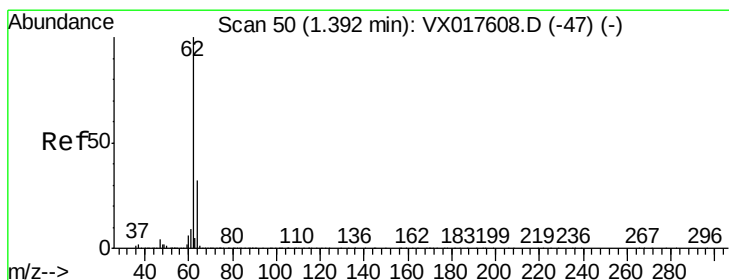
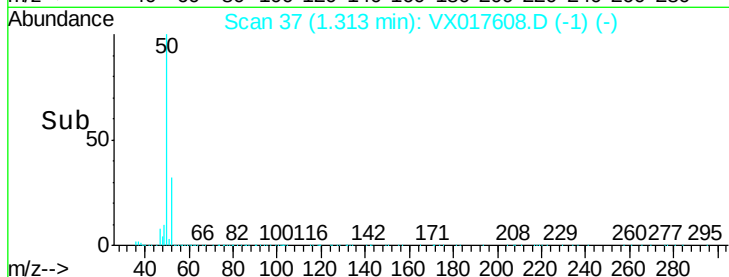
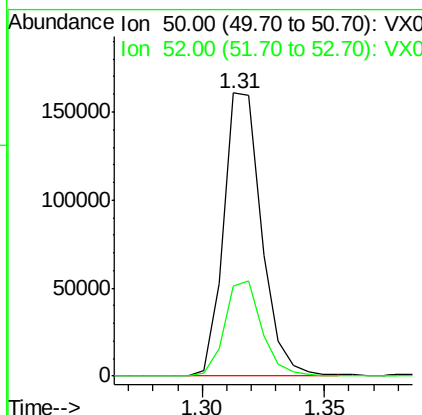
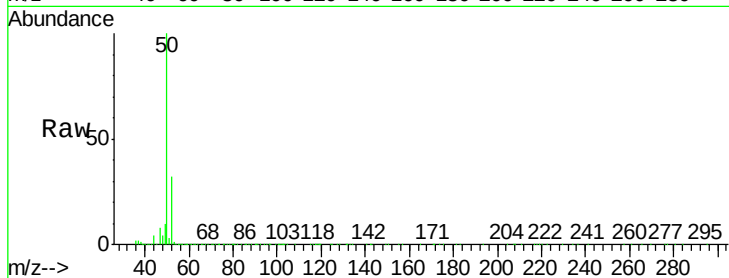
50 100

52 31.9 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 28.433 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017608.D

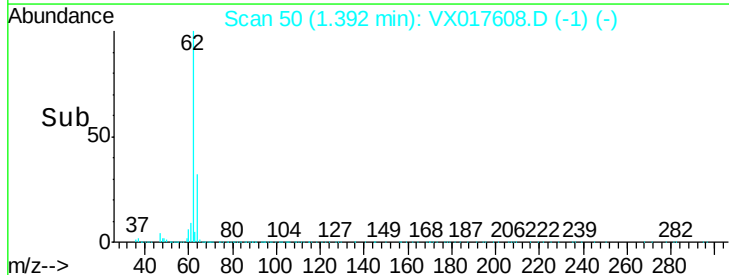
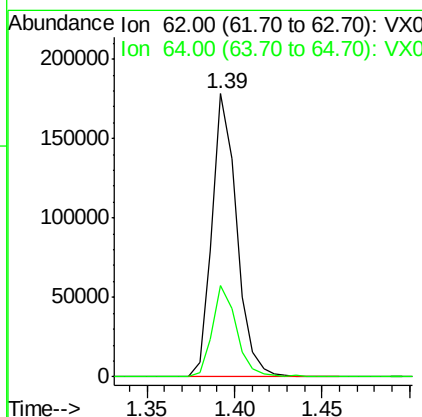
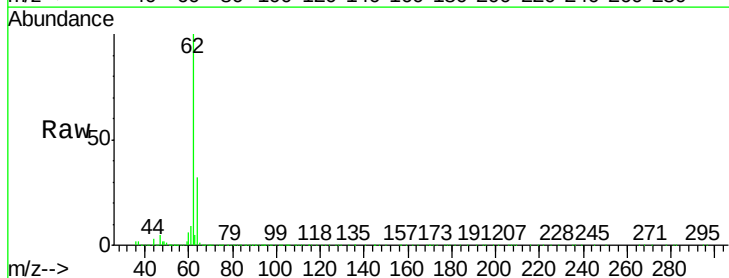
Acq: 27 Jul 2020 09:46

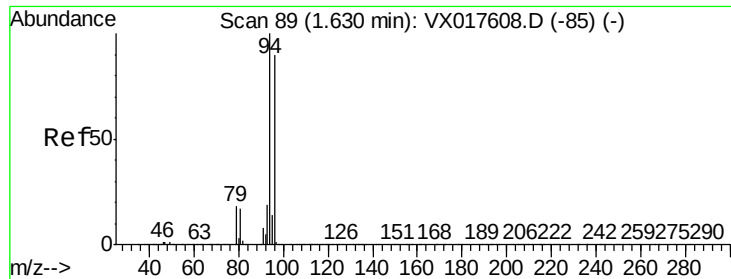
Tgt Ion: 62 Resp: 175248

Ion Ratio Lower Upper

62 100

64 32.3 25.8 38.8





#5

Bromomethane

Concen: 28.640 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 114826

Ion Ratio Lower Upper

94 100

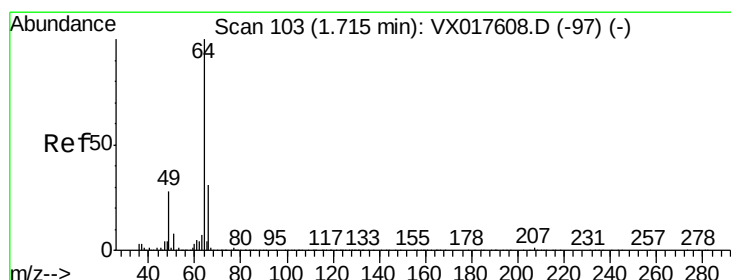
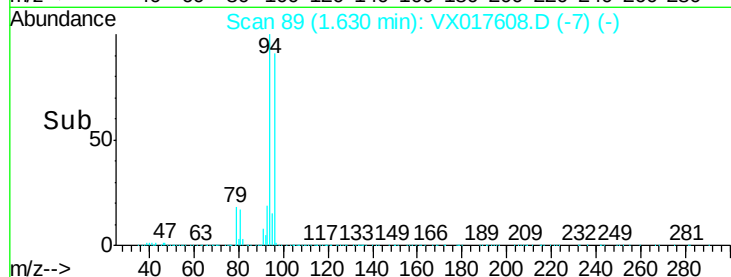
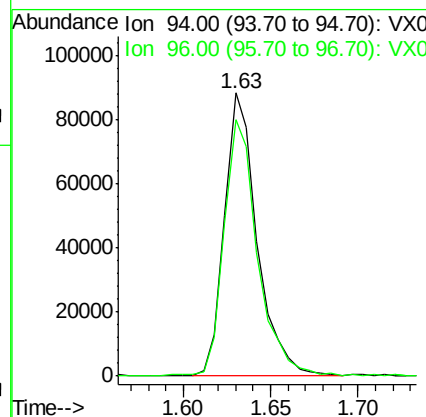
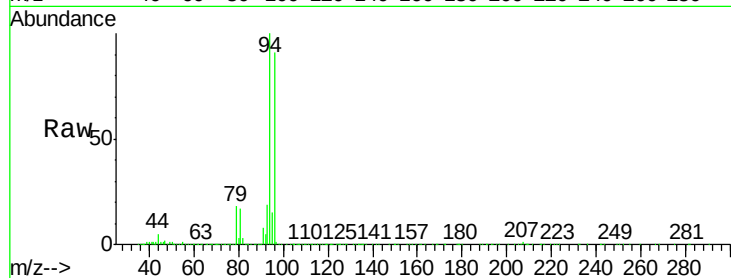
96 90.6 72.5 108.7

Manual Integrations

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7/28/2020 10:31:45 AM



#6

Chloroethane

Concen: 25.370 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017608.D

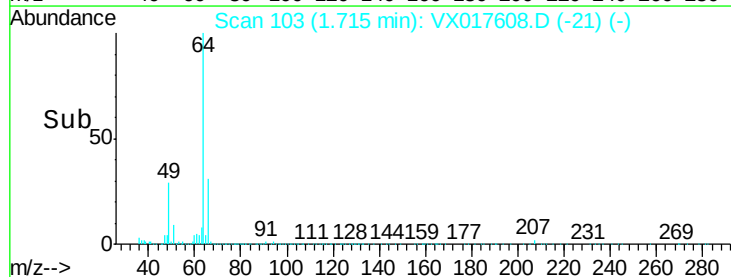
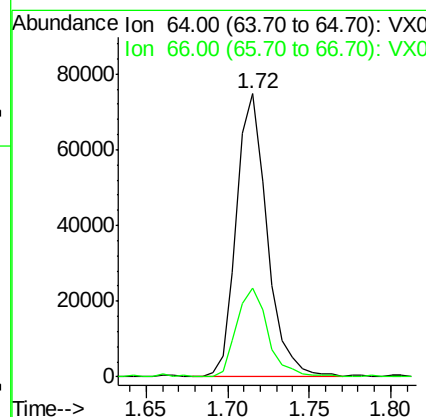
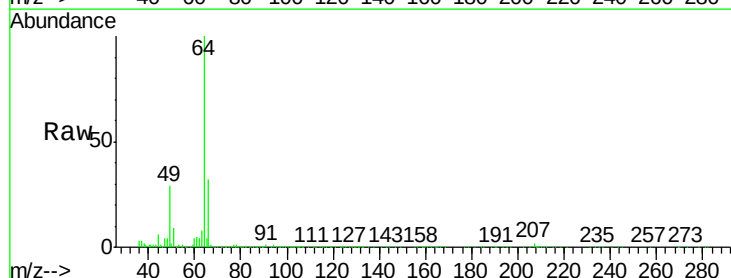
Acq: 27 Jul 2020 09:46

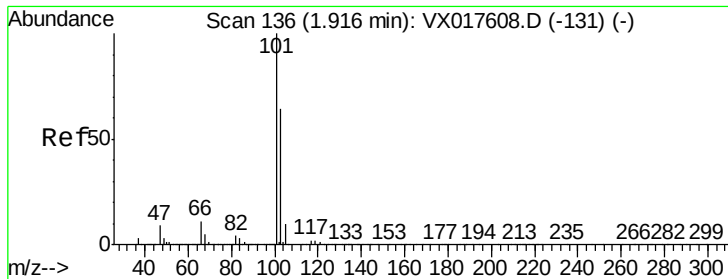
Tgt Ion: 64 Resp: 98372

Ion Ratio Lower Upper

64 100

66 31.4 25.1 37.7





#7

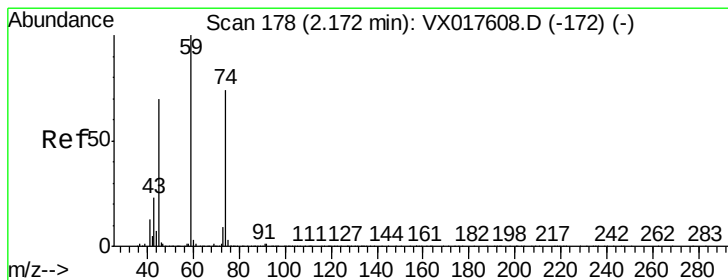
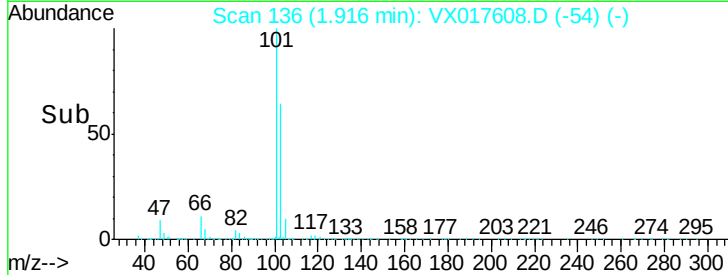
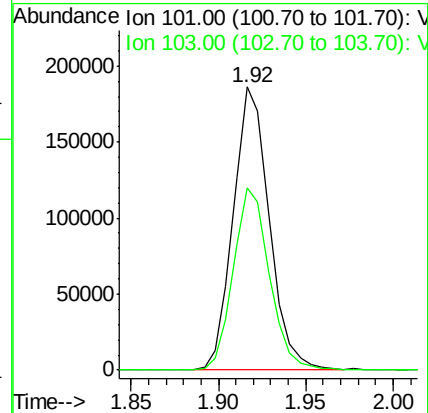
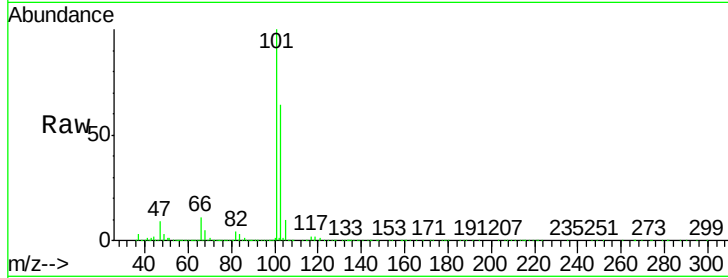
Trichlorofluoromethane
Concen: 25.676 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017608.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.3	76.9

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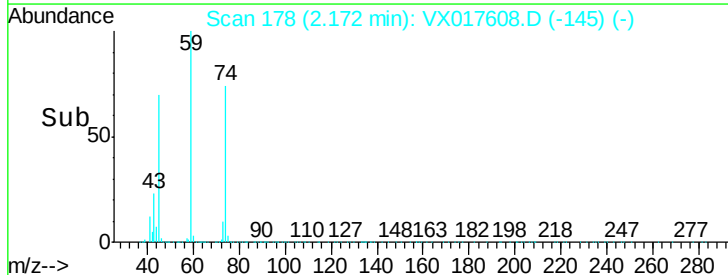
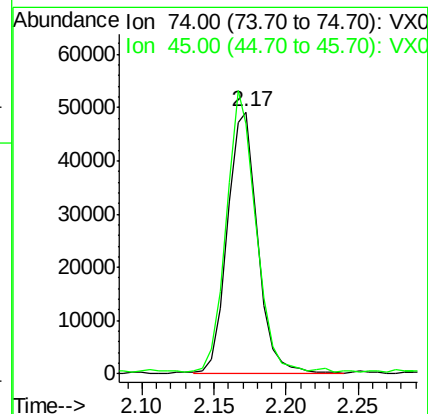
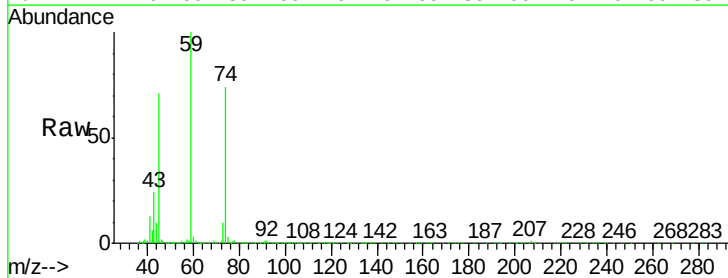
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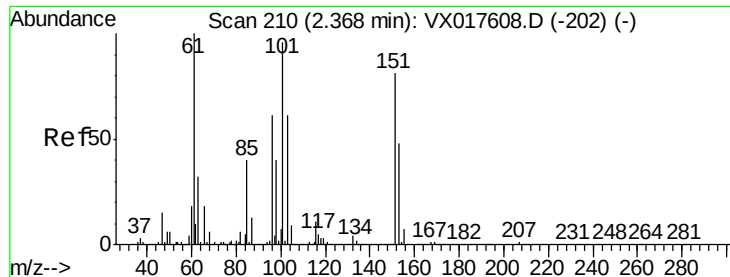


#8

Diethyl Ether
Concen: 20.660 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.7	21.1	190.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.525 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

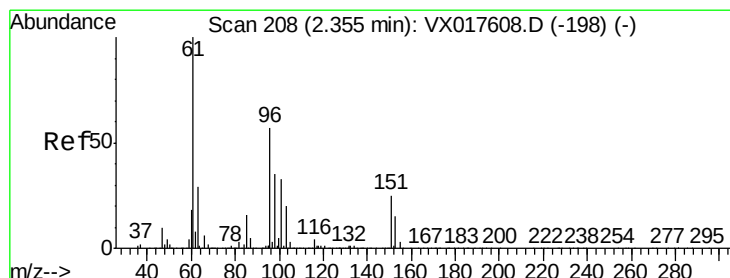
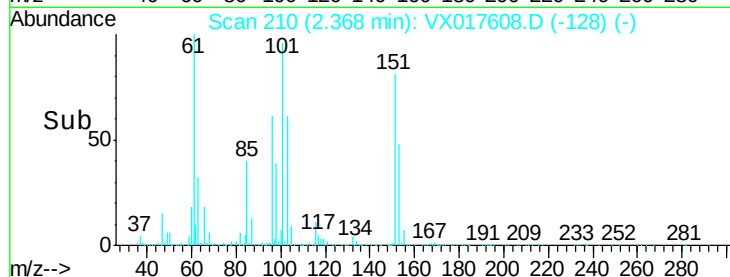
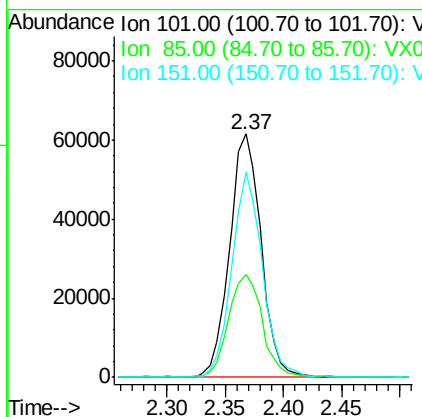
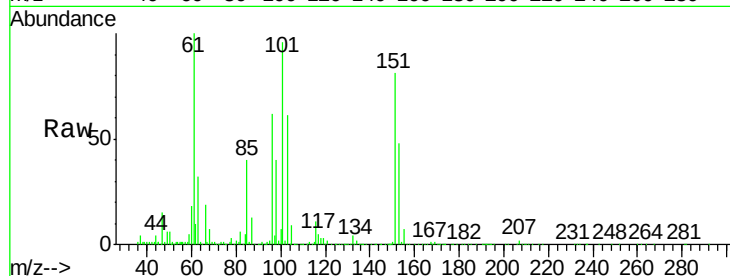
ClientSampleId :

VSTDICCC020

Tot Ion:	101	Resp:	116222
Ion Ratio	Lower	Upper	
101	100		
85	45.3	0.0	90.6
151	81.6	0.0	163.2

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#10

1,1-Dichloroethene

Concen: 20.193 ug/l

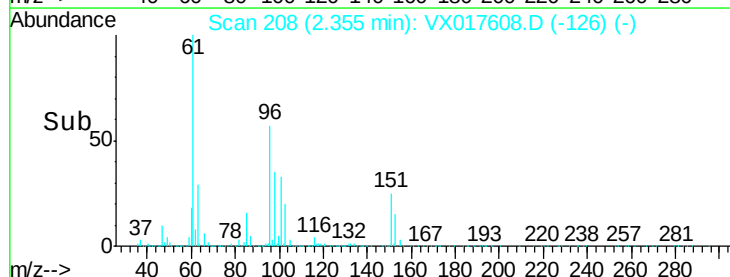
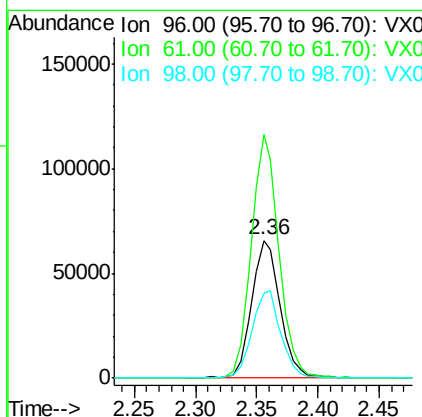
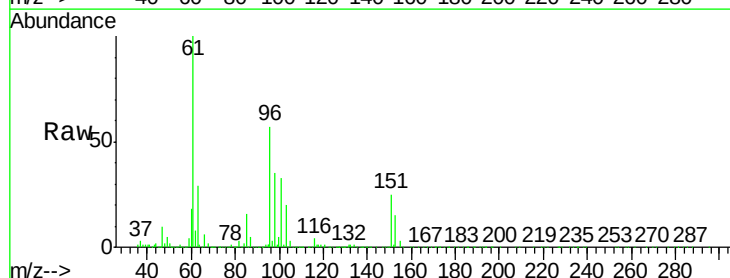
RT: 2.36 min Scan# 208

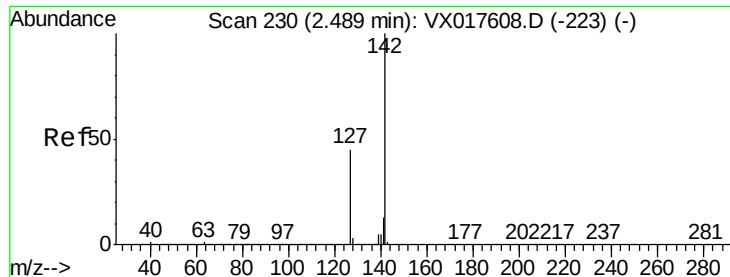
Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Tgt Ion:	96	Resp:	106703
Ion Ratio	Lower	Upper	
96	100		
61	176.5	141.2	211.8
98	61.8	49.4	74.2





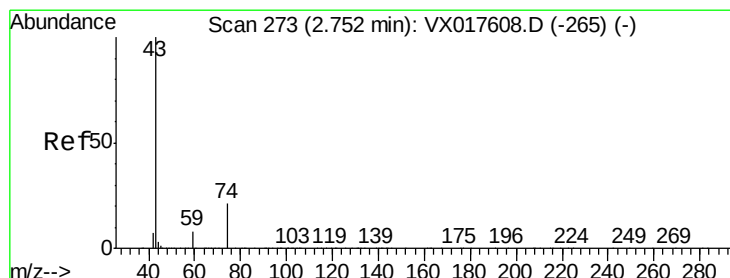
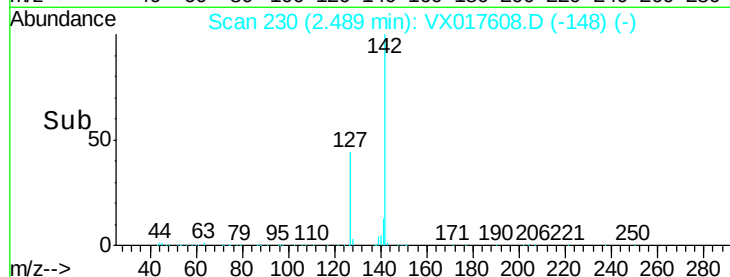
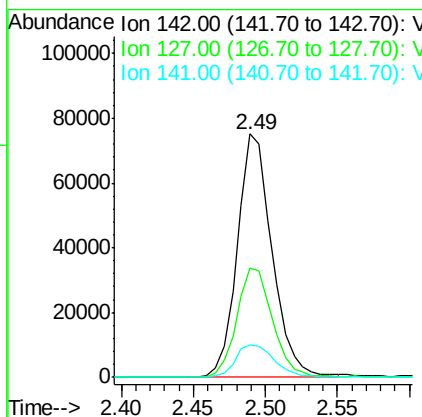
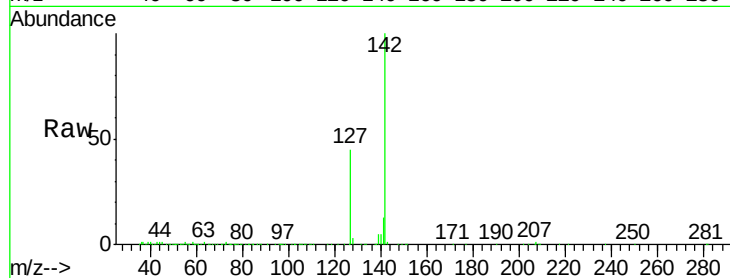
#11
Methvl Iodide
Concen: 19.678 ug/l
RT: 2.49 min Scan# 230
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.7	22.4	67.0
141	13.1	6.6	19.7

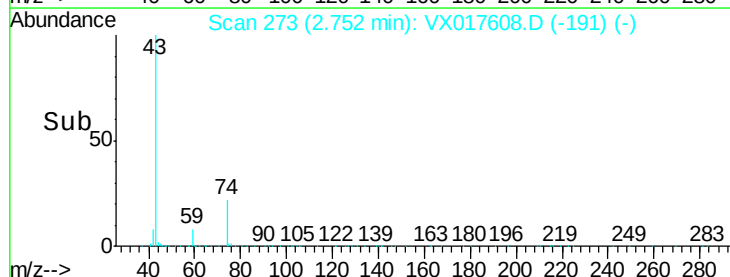
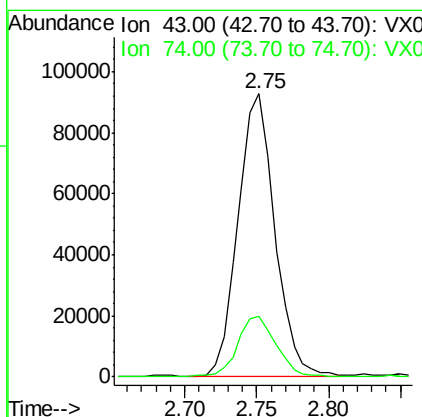
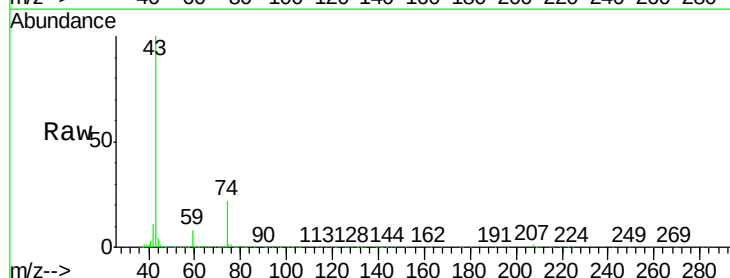
Manual Integrations
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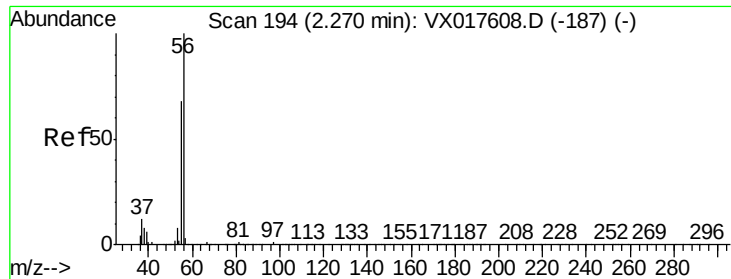
MMDadoda
7/28/2020 10:31:45 AM



#12
Methyl Acetate
Concen: 22.099 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	17.1	25.7





#13

Acrolein

Concen: 116.283 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 56 Resp: 113253

Ion Ratio Lower Upper

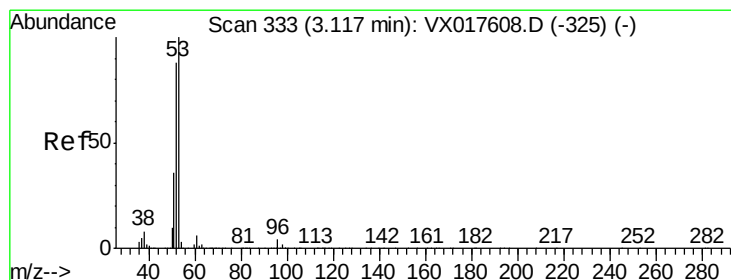
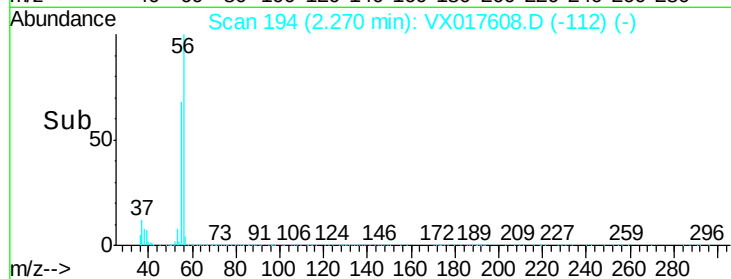
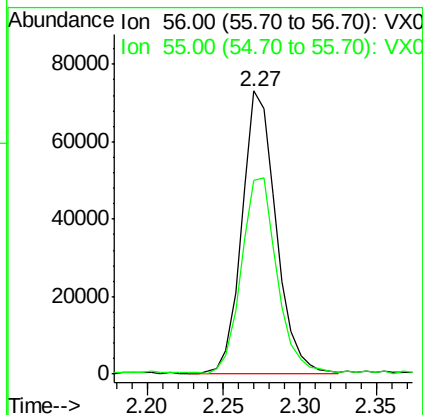
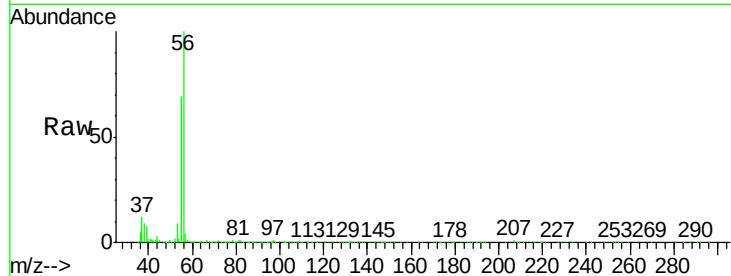
56 100

55 71.5 57.2 85.8

Manual Integrations
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#14

Acrylonitrile

Concen: 102.677 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

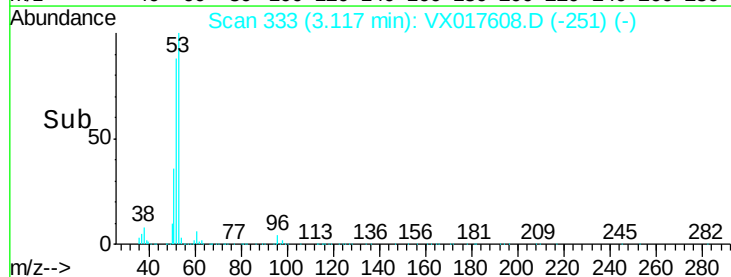
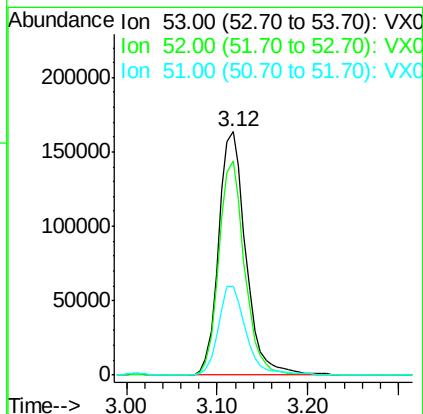
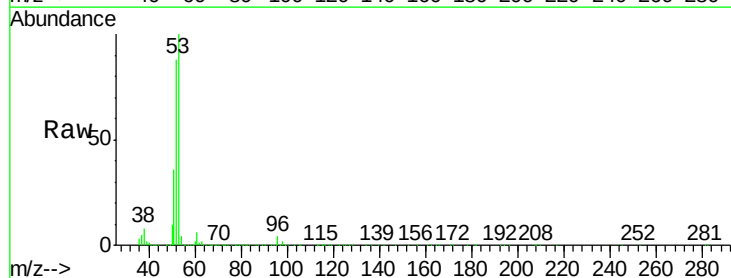
Tgt Ion: 53 Resp: 340836

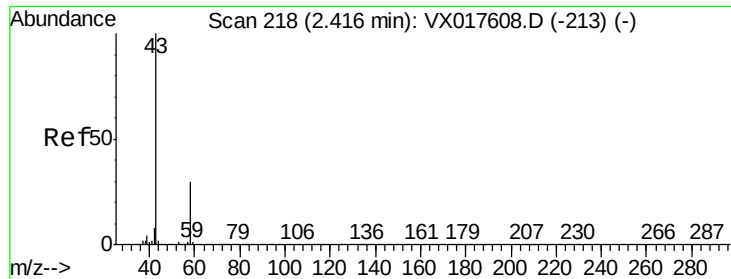
Ion Ratio Lower Upper

53 100

52 82.9 41.4 124.4

51 36.8 18.4 55.2





#15

Acetone

Concen: 108.419 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 58 Resp: 93026

Ion Ratio Lower Upper

58 100

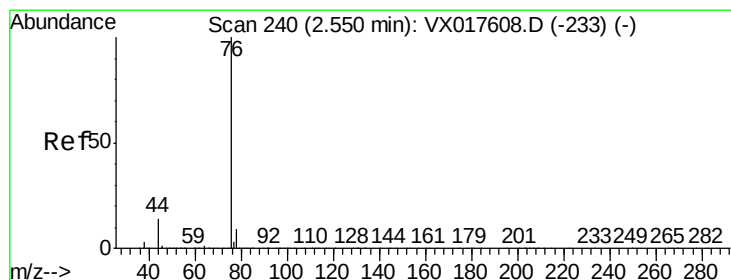
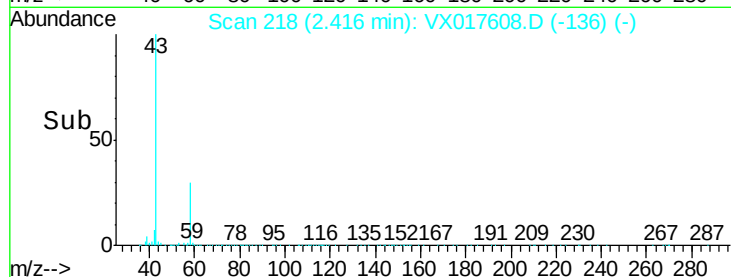
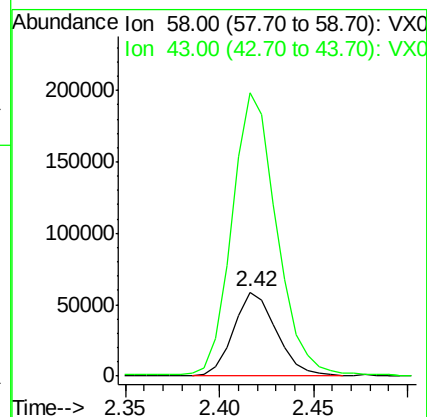
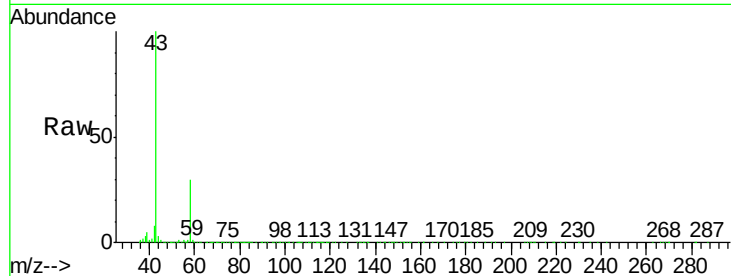
43 335.7 268.6 402.8

Manual Integrations

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#16

Carbon Disulfide

Concen: 20.604 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017608.D

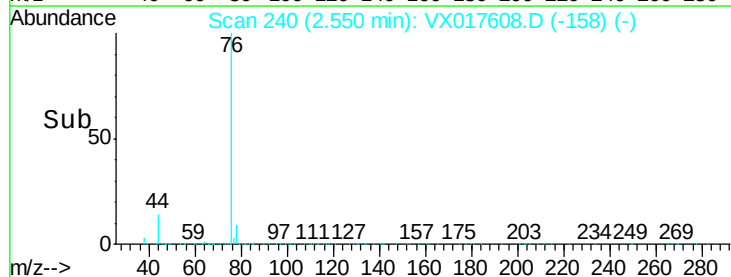
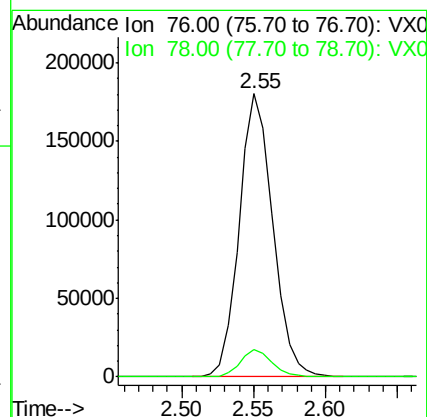
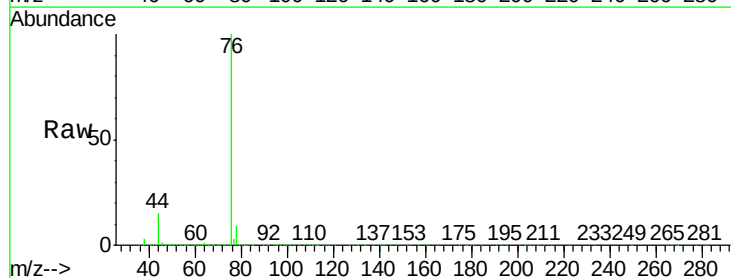
Acq: 27 Jul 2020 09:46

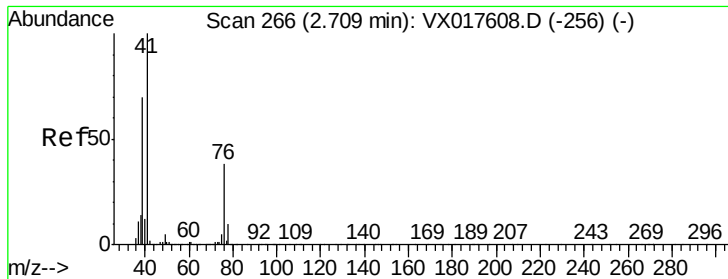
Tgt Ion: 76 Resp: 292494

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





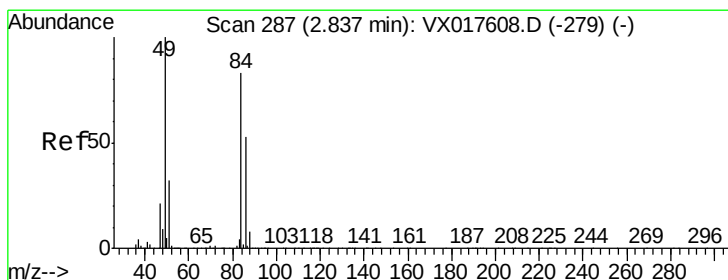
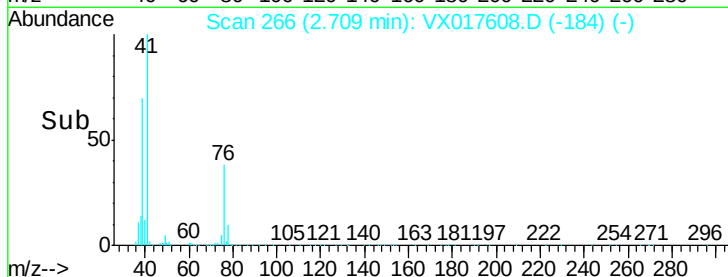
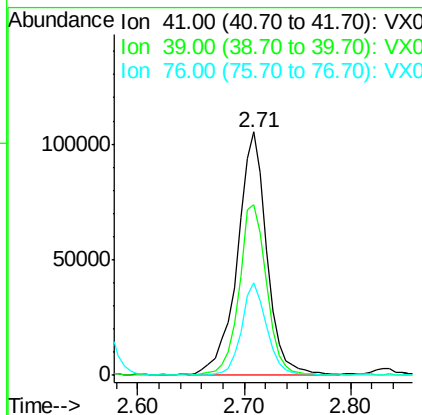
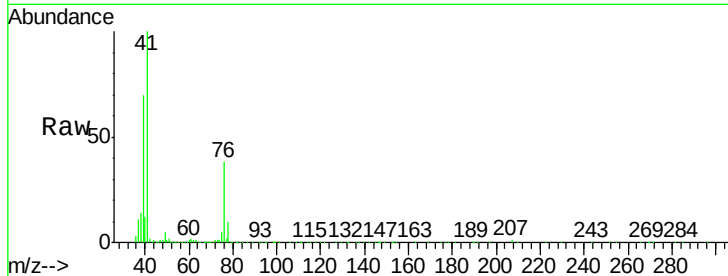
#17
Allvl chloride
Concen: 20.466 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	69.7	34.8	104.5
76	38.2	19.1	57.3

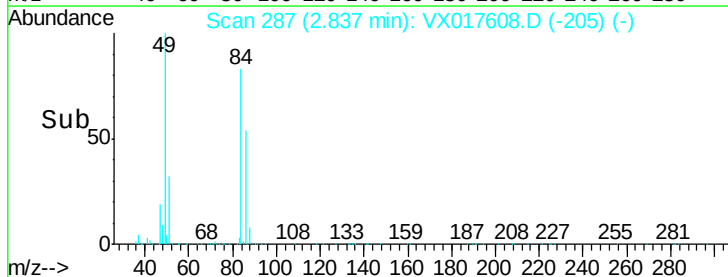
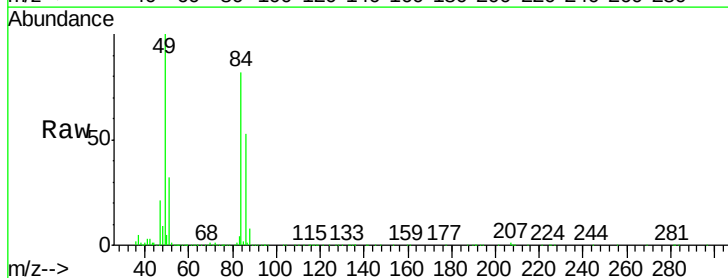
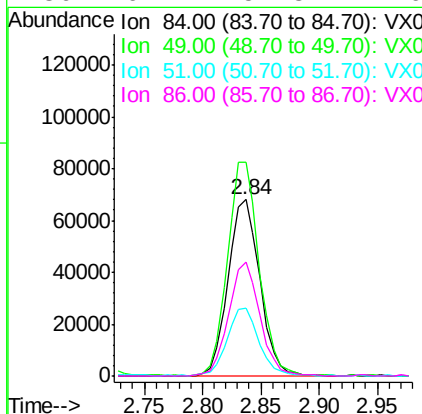
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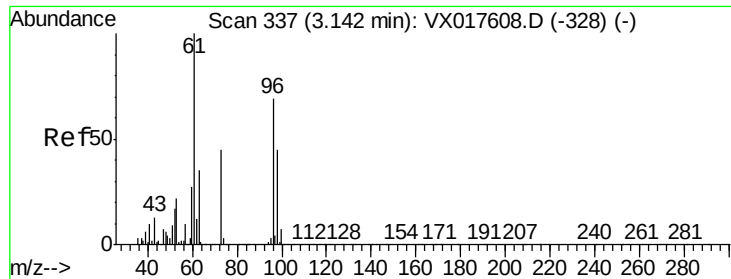
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#18
Methylene Chloride
Concen: 19.925 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.9	96.7	145.1
51	38.7	31.0	46.4
86	64.7	51.8	77.6





#19

trans-1,2-Dichloroethene

Concen: 19.316 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 96 Resp: 116555

Ion Ratio Lower Upper

96 100

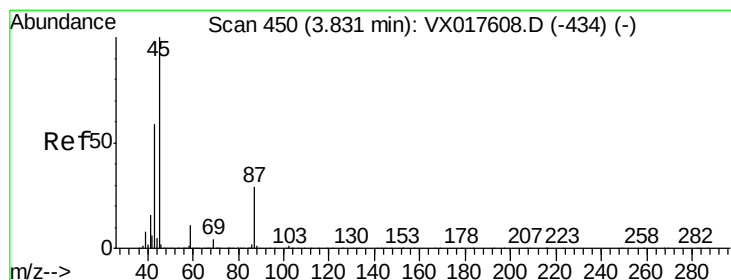
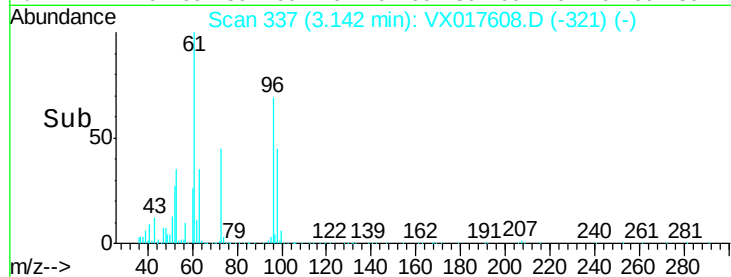
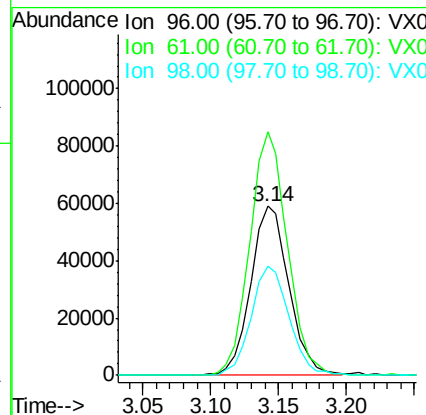
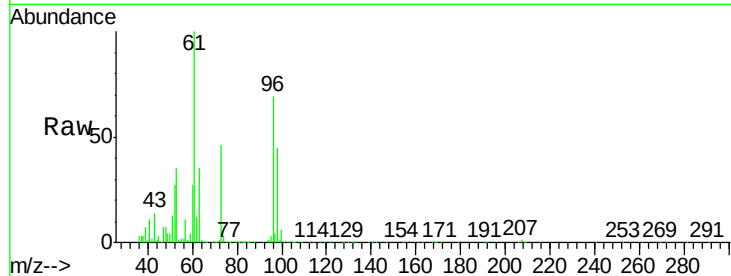
61 143.8 115.0 172.6

98 64.5 51.6 77.4

Manual Integrations
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#20

Diisopropyl ether

Concen: 20.888 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Tgt Ion: 45 Resp: 410865

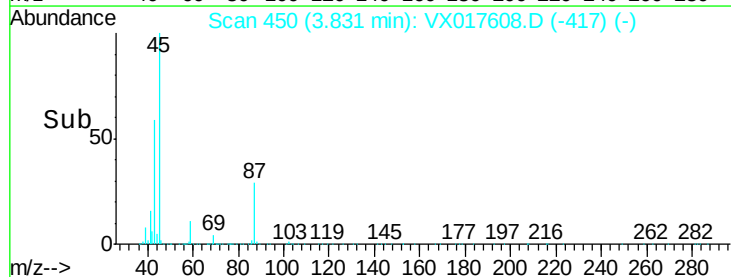
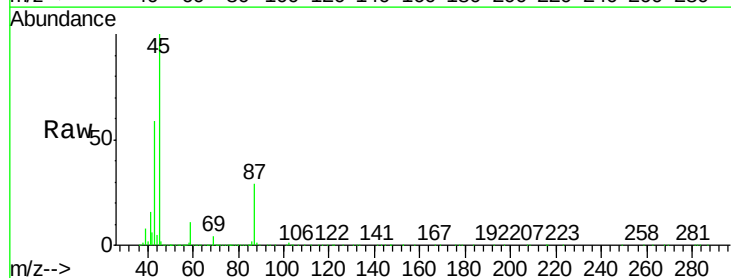
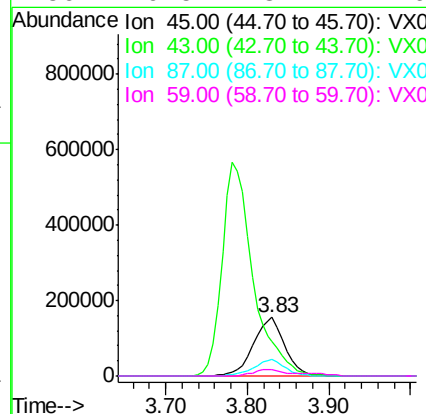
Ion Ratio Lower Upper

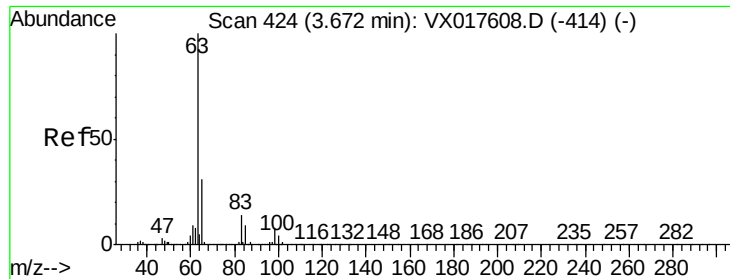
45 100

43 59.2 47.4 71.0

87 29.1 23.3 34.9

59 10.5 8.4 12.6





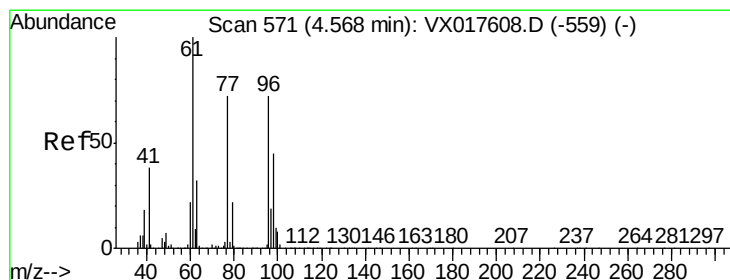
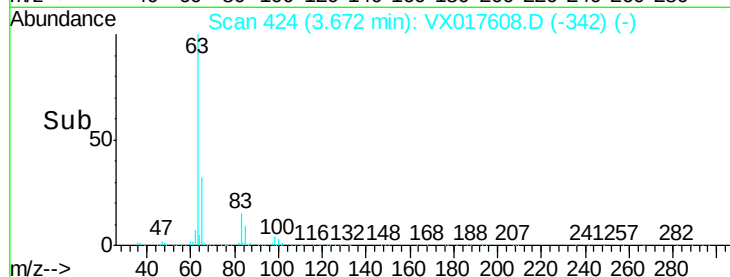
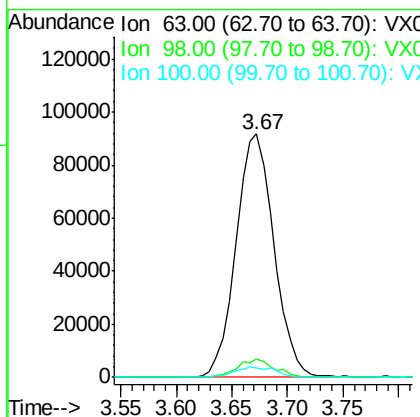
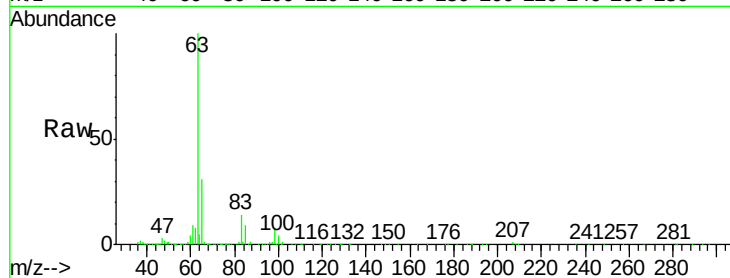
#21
1,1-Dichloroethane
Concen: 19.836 ug/l
RT: 3.67 min Scan# 424
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	216377		
98	7.8	3.9	11.7	
100	3.8	1.9	5.7	

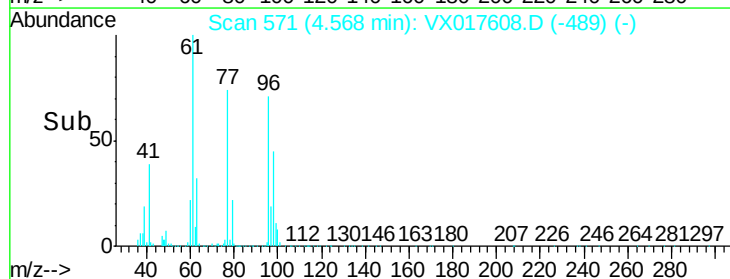
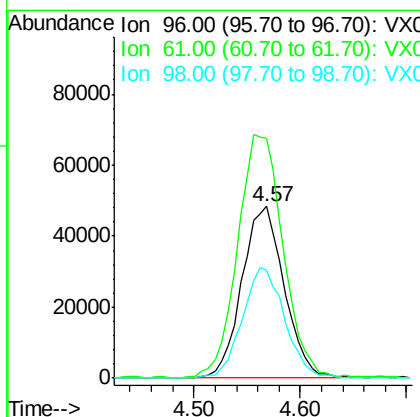
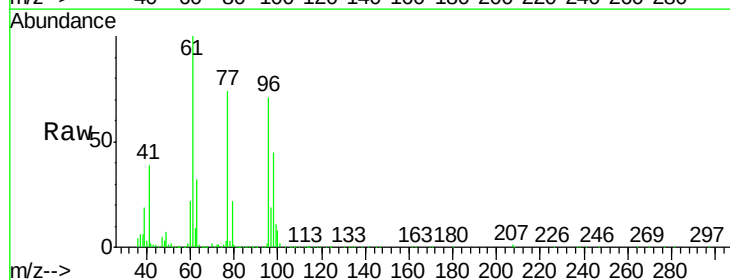
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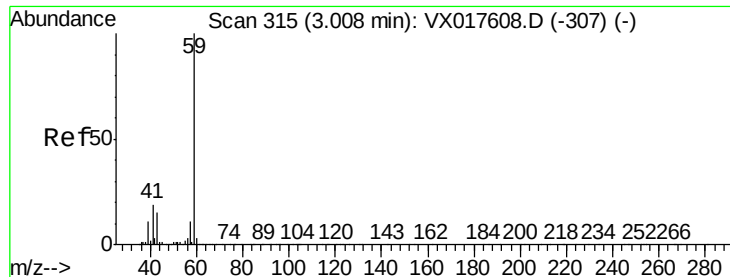
MMDadoda
7/28/2020 10:31:45 AM



#22
cis-1,2-Dichloroethene
Concen: 19.386 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	134990		
61	151.4	121.1	181.7	
98	64.3	51.4	77.2	





#23

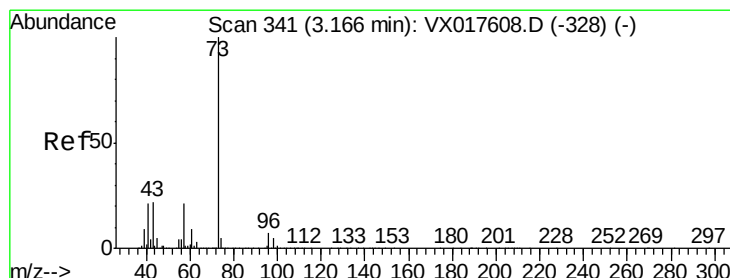
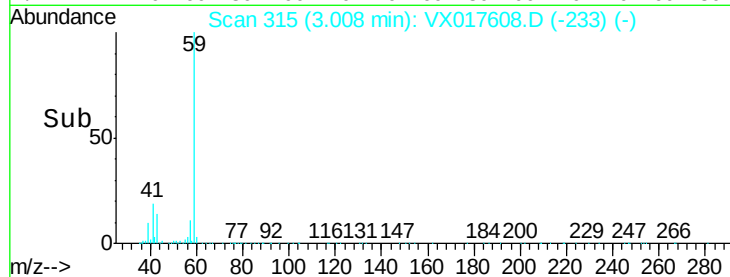
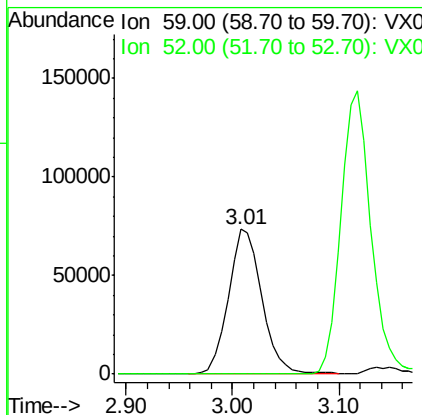
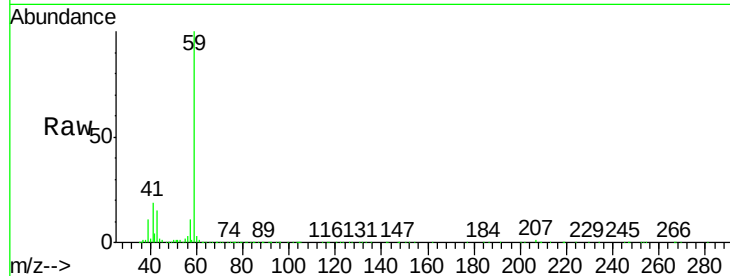
tert-Butyl Alcohol
 Concen: 114.131 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.4

Manual Integrations
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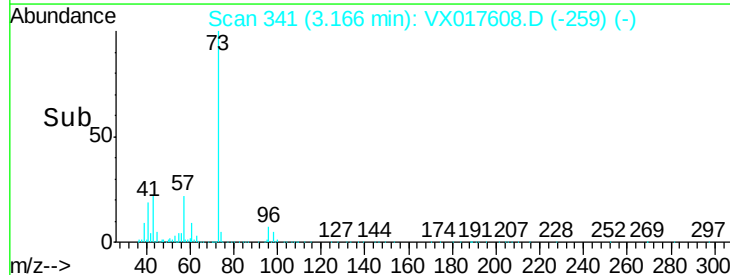
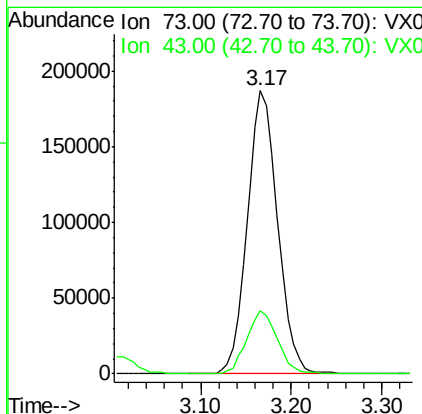
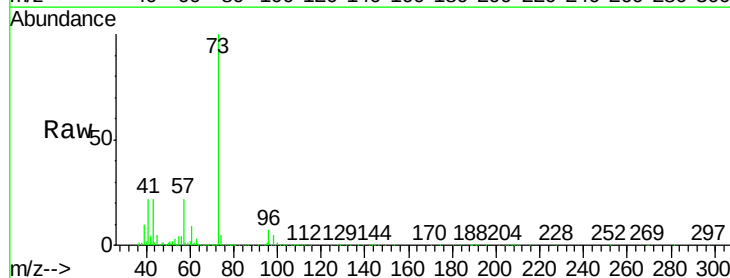
MMDadoda
 7/28/2020 10:31:45 AM

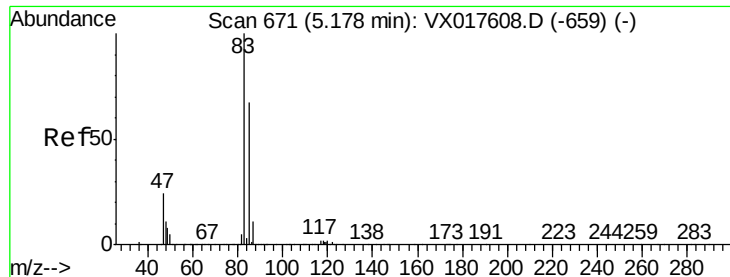


#24

Methyl tert-Butyl Ether
 Concen: 21.072 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.6	18.1	27.1





#25

Chloroform

Concen: 21.079 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 83 Resp: 248887

Ion Ratio Lower Upper

83 100

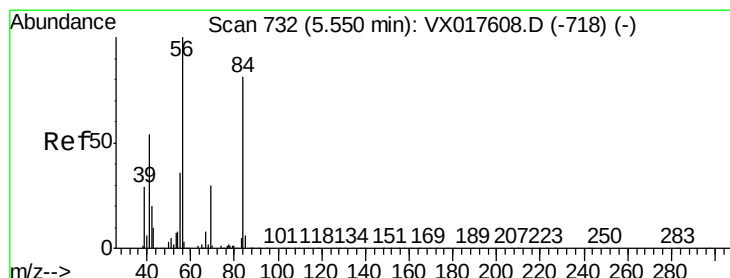
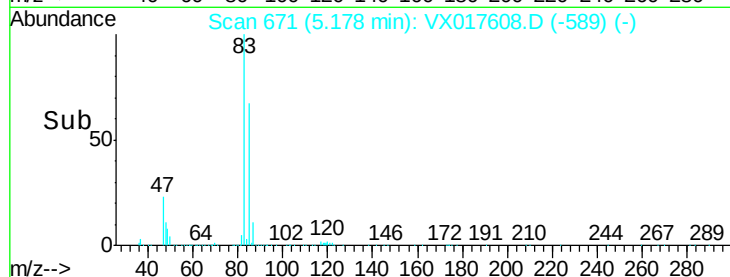
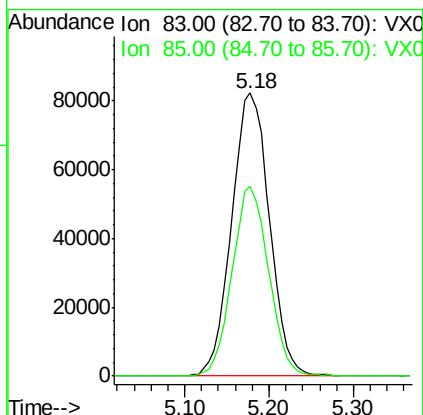
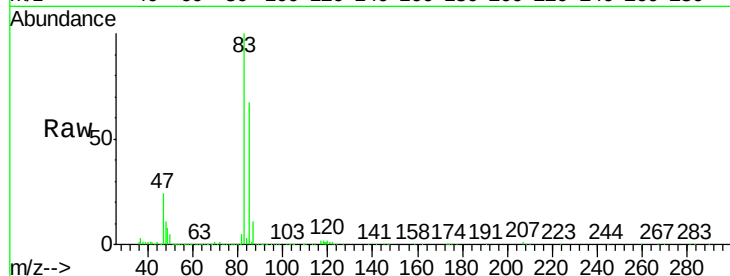
85 67.1 53.7 80.5

Manual Integrations

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#26

Cyclohexane

Concen: 22.490 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

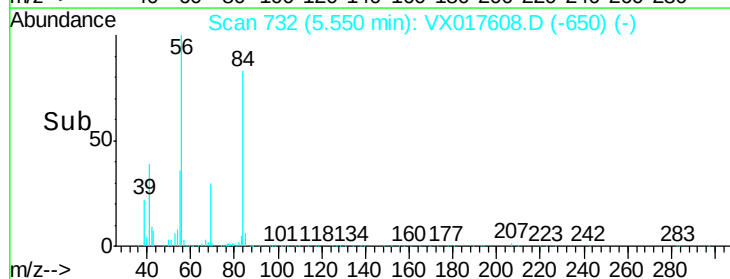
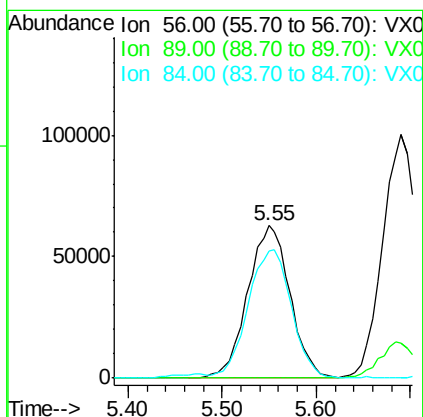
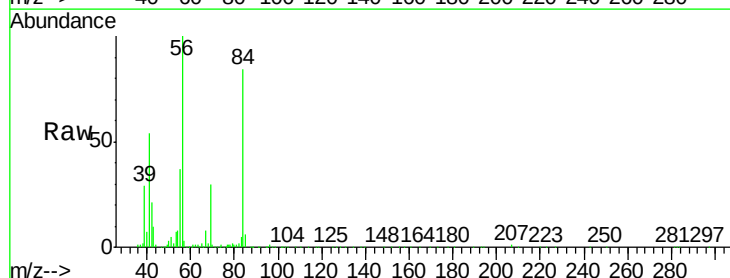
Tgt Ion: 56 Resp: 196278

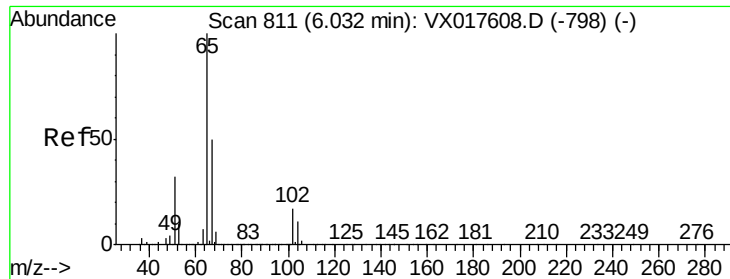
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 86.6 69.3 103.9





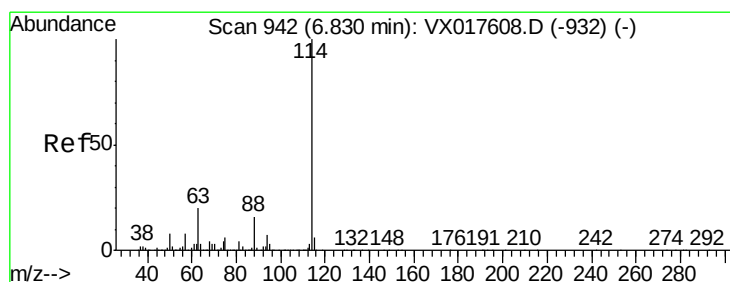
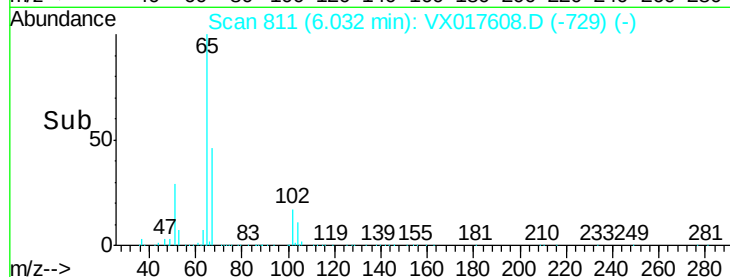
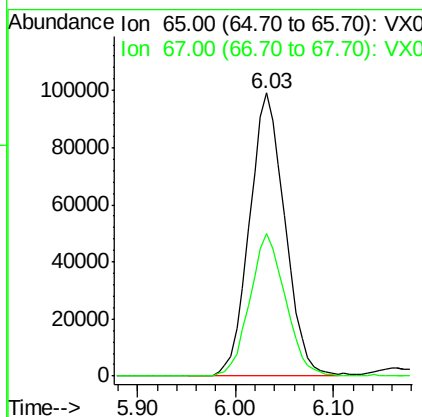
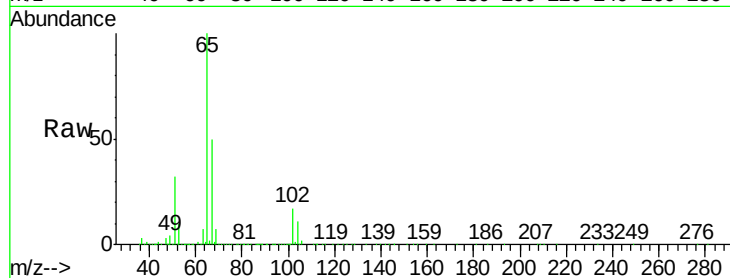
#27
 1,2-Dichloroethane-d4
 Concen: 30.635 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	40.6	61.0

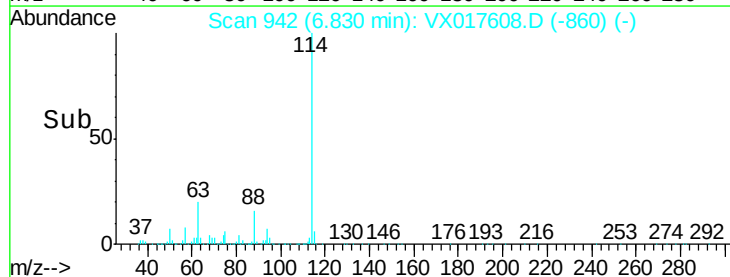
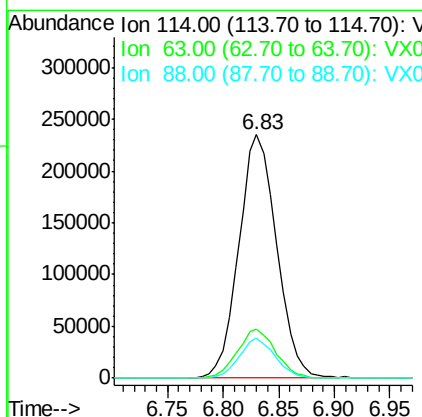
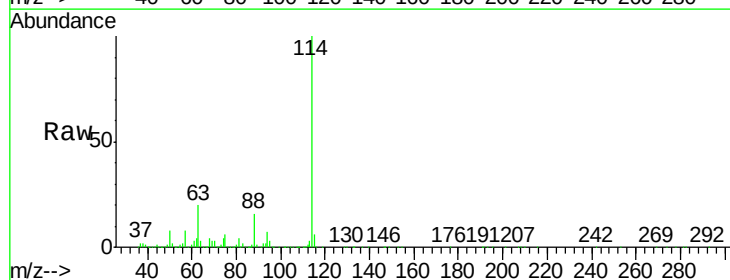
Manual Integrations
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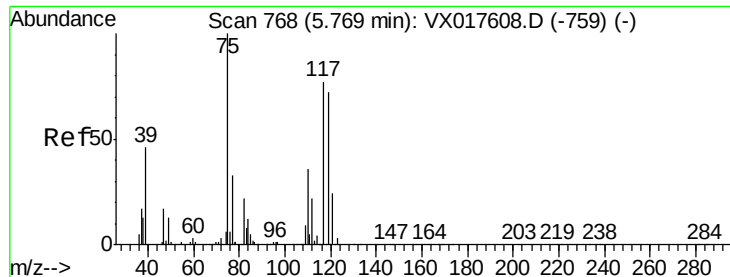
MMDadoda
 7/28/2020 10:31:45 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	16.3	24.5
88	15.7	12.6	18.8





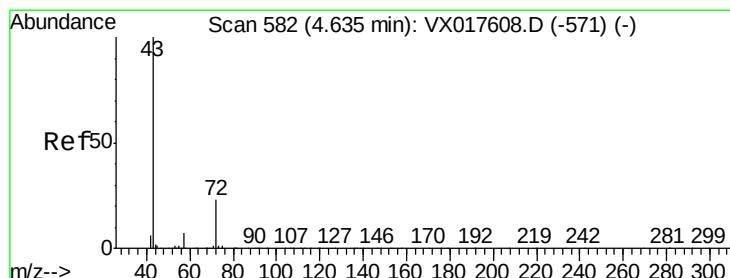
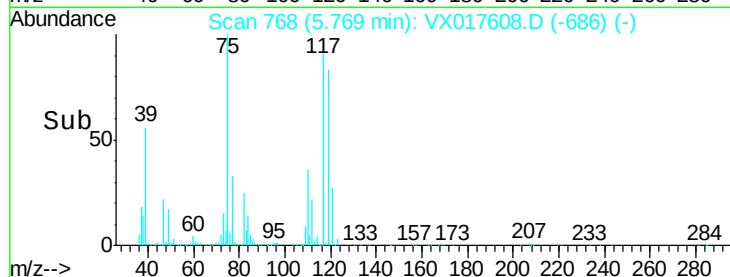
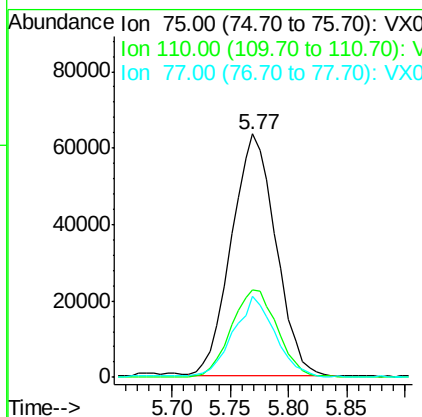
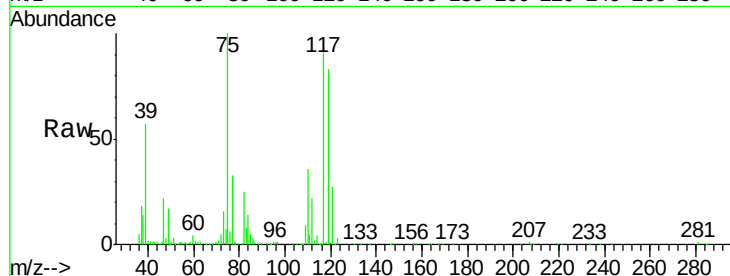
#29
 1,1-Dichloropropene
 Concen: 21.306 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.7	0.0	75.4
77	31.6	0.0	63.2

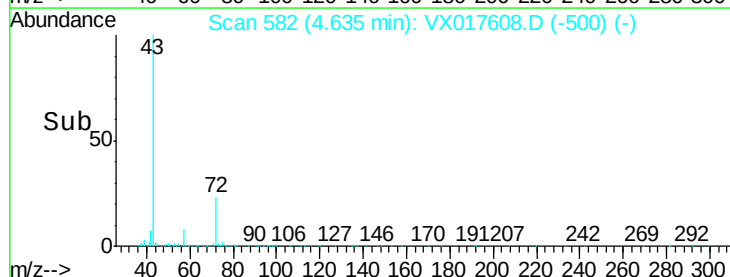
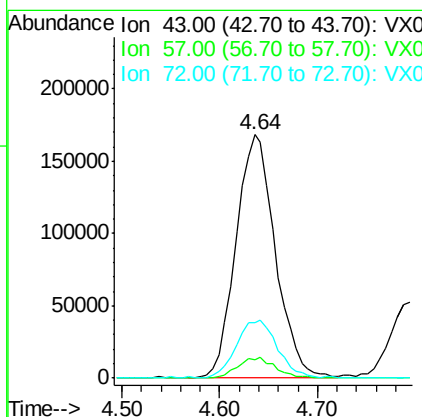
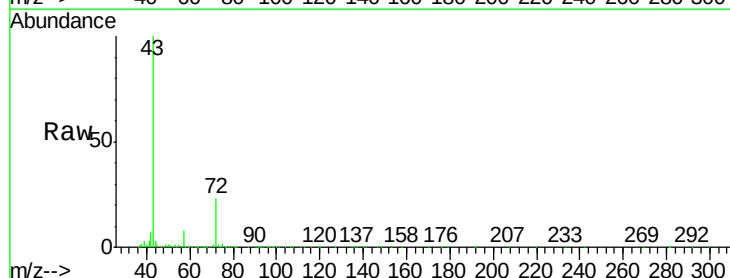
Manual Integrations
 APPROVED

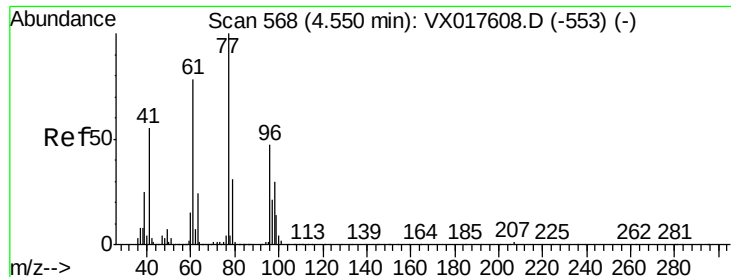
MMDadoda
 7/28/2020 10:31:45 AM



#30
 2-Butanone
 Concen: 107.935 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.5	9.7
72	24.7	19.8	29.6





#31

2,2-Dichloropropane

Concen: 22.030 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 77 Resp: 219996

Ion Ratio Lower Upper

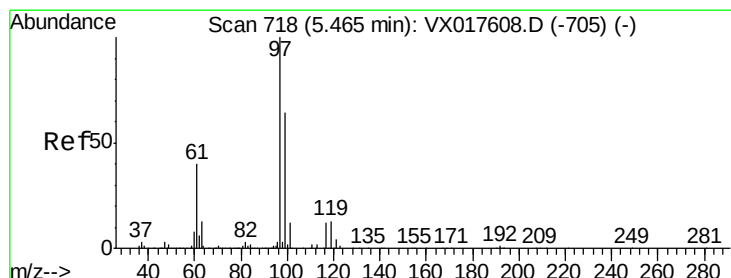
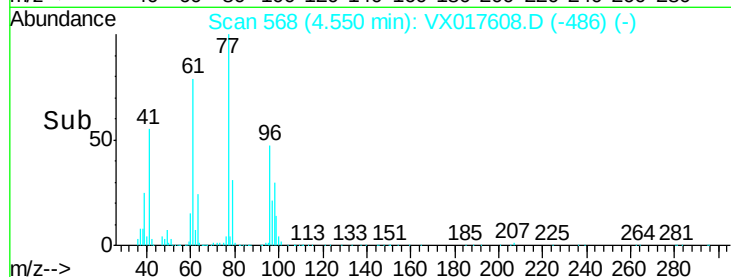
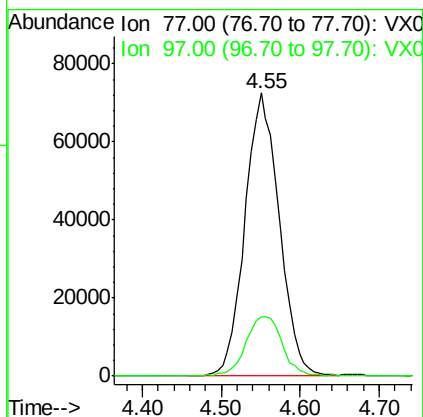
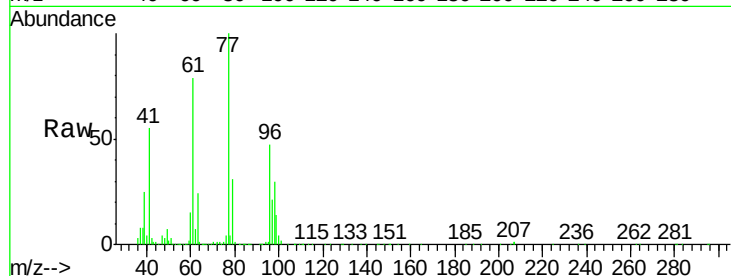
77 100

97 22.1 17.6 26.4

Manual Integrations
APPROVED

MMDadoda

7/28/2020 10:31:45 AM



#32

1,1,1-Trichloroethane

Concen: 21.723 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

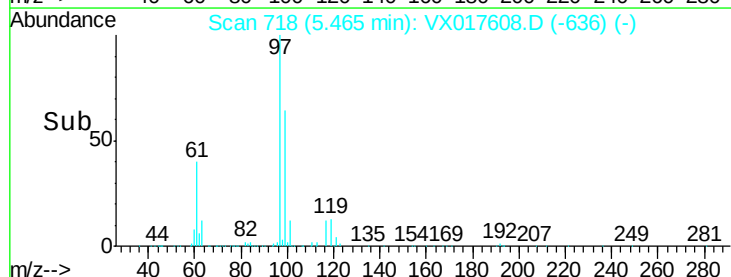
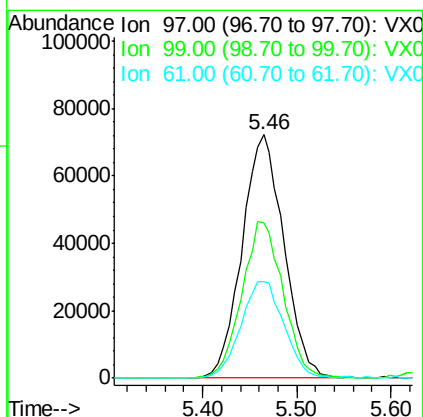
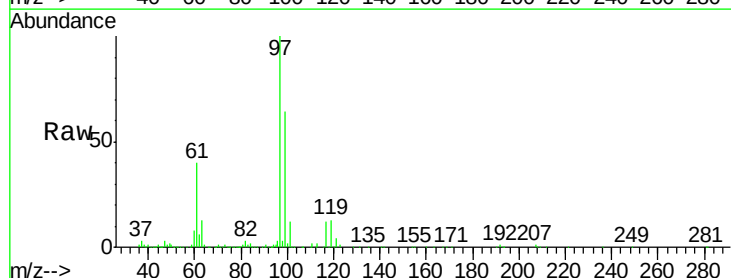
Tgt Ion: 97 Resp: 224082

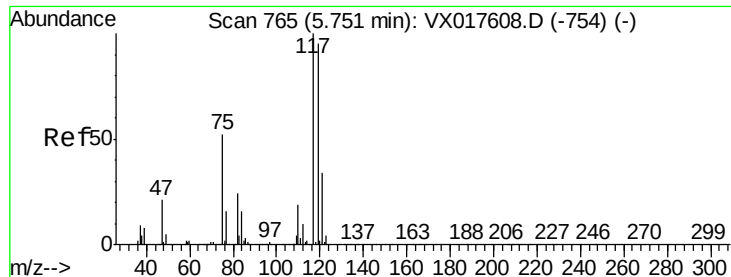
Ion Ratio Lower Upper

97 100

99 63.2 50.6 75.8

61 40.7 32.6 48.8





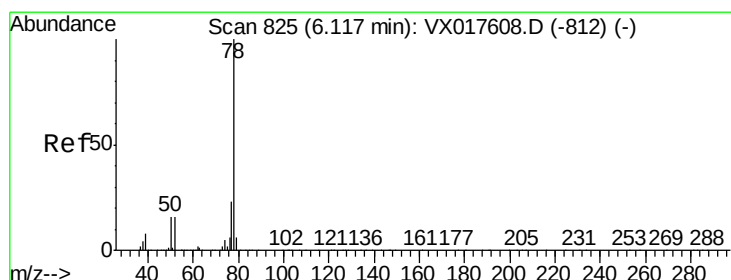
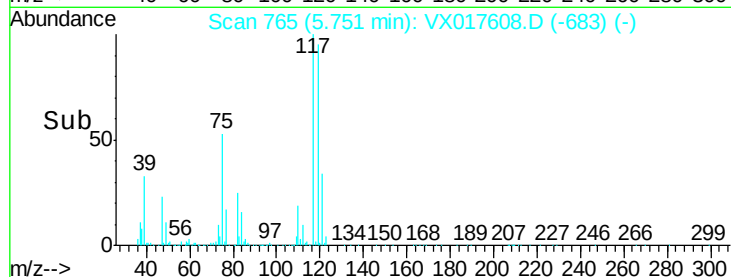
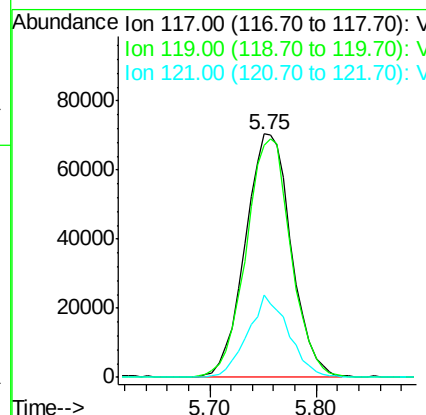
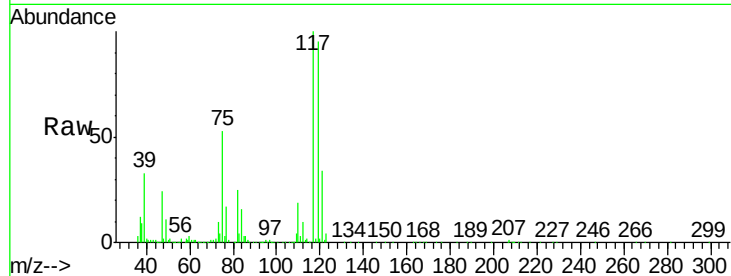
#33
Carbon Tetrachloride
Concen: 22.215 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.2
121	33.5	26.8	40.2

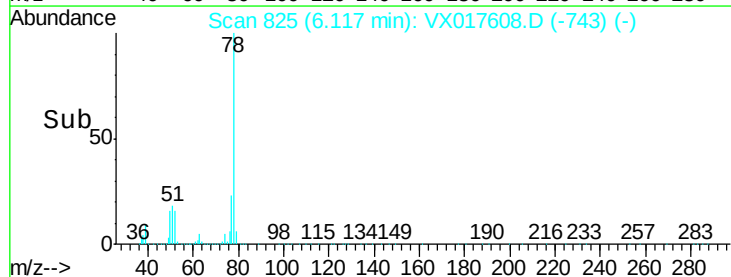
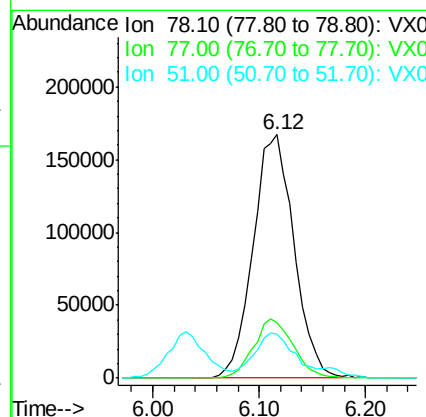
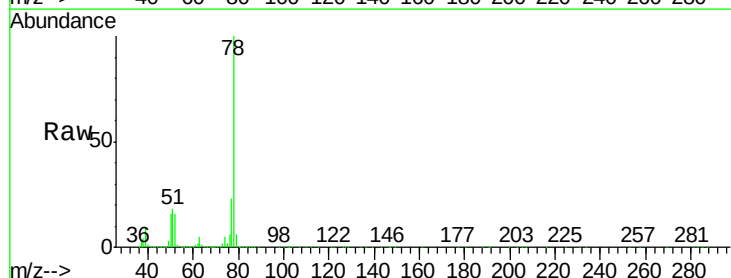
Manual Integrations
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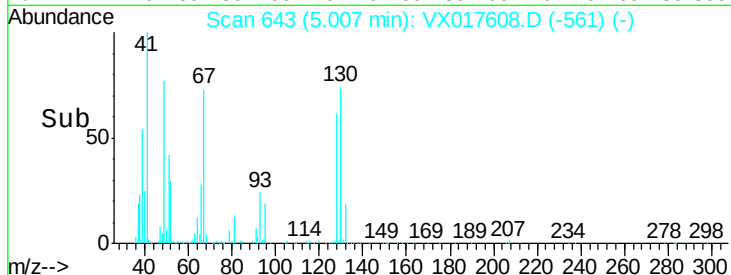
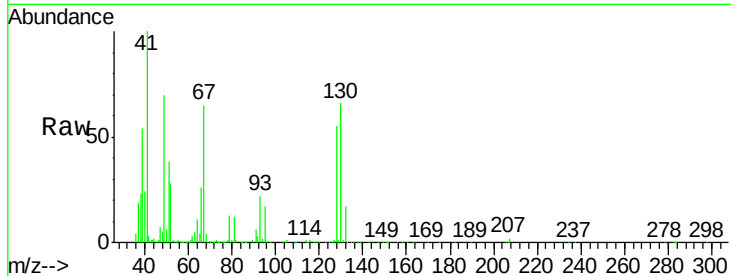
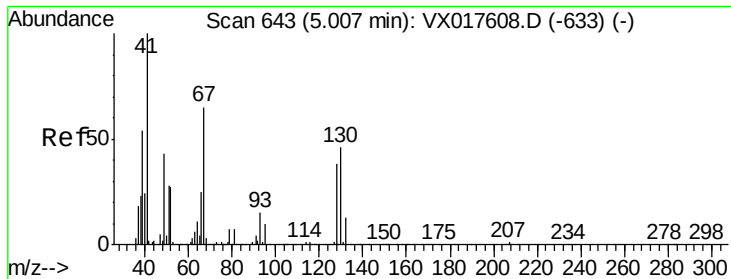
MMDadoda
7/28/2020 10:31:45 AM



#34
Benzene
Concen: 19.527 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.3	27.5
51	15.4	12.3	18.5





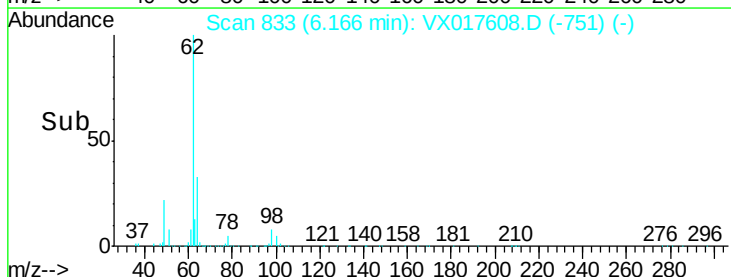
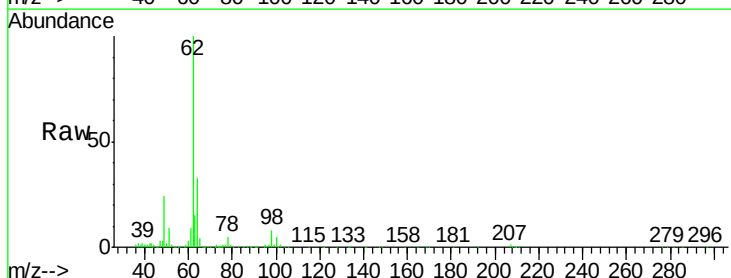
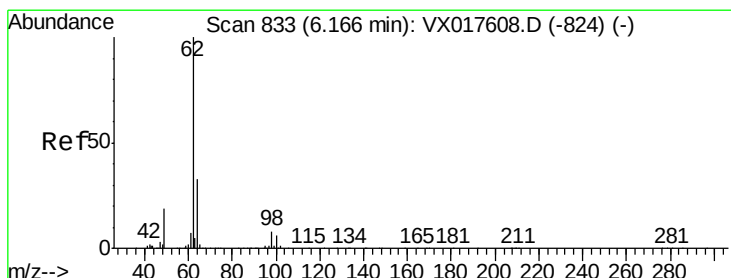
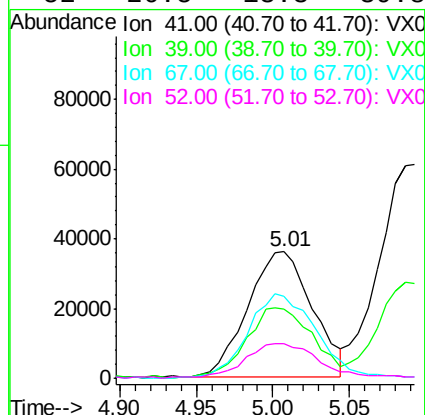
#35
Methacrylonitrile
Concen: 21.560 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tot Ion	41	Resp	105123
Ion Ratio	Lower	Upper	
41	100		
39	54.0	27.0	81.0
67	64.7	32.4	97.0
52	26.5	13.3	39.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

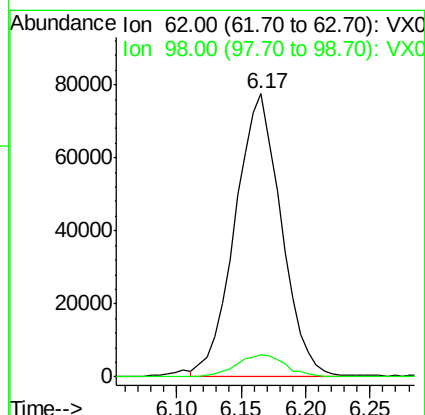
Manual Integrations
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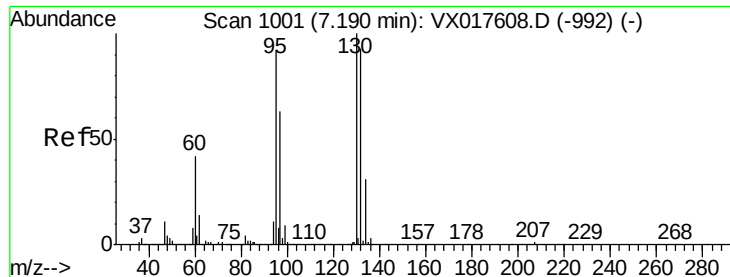
MMDadoda
7/28/2020 10:31:45 AM



#36
1,2-Dichloroethane
Concen: 20.968 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	62	Resp	193241
Ion Ratio	Lower	Upper	
62	100		
98	8.3	6.6	10.0





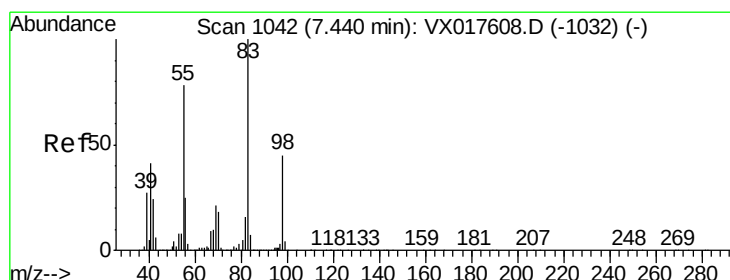
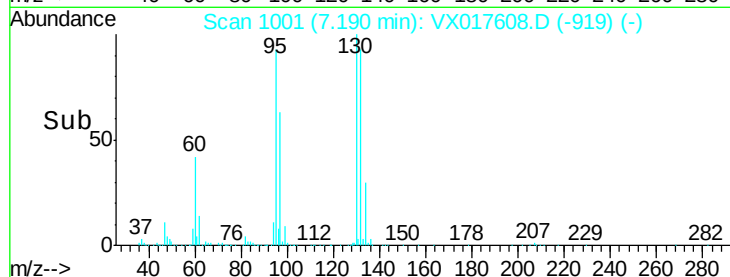
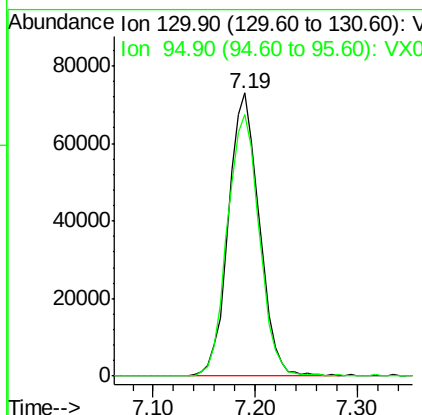
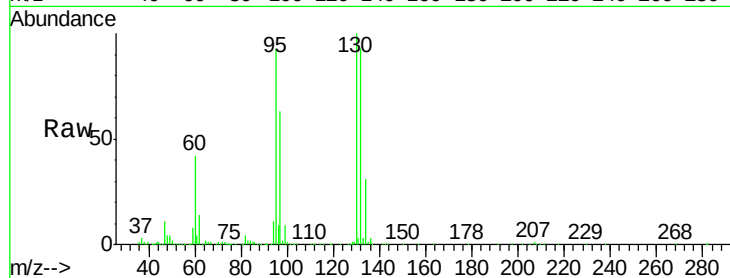
#37
 Trichloroethene
 Concen: 21.561 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
130	100	152845		
95	92.4	73.9	110.9	

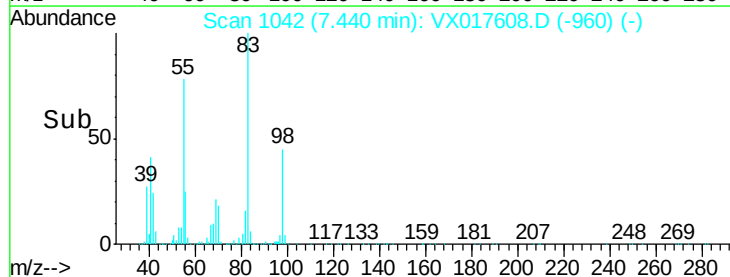
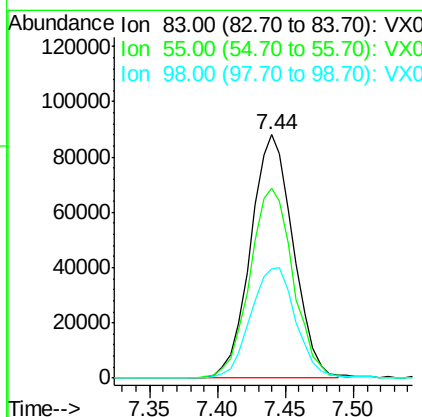
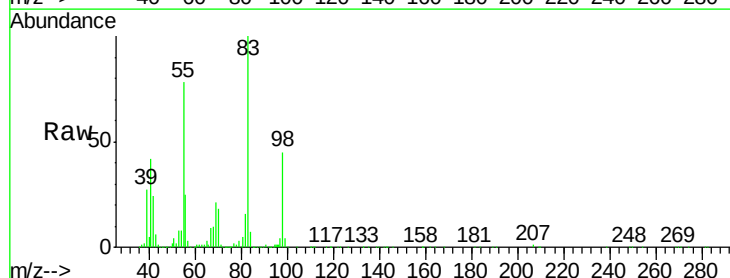
Manual Integrations
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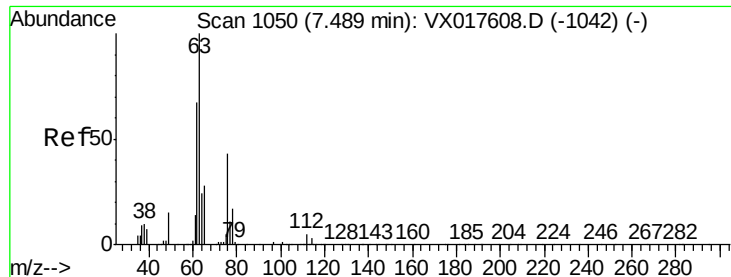
MMDadoda
 7/28/2020 10:31:45 AM



#38
 Methylcyclohexane
 Concen: 22.808 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	192903		
55	79.1	39.6	118.7	
98	47.8	23.9	71.7	





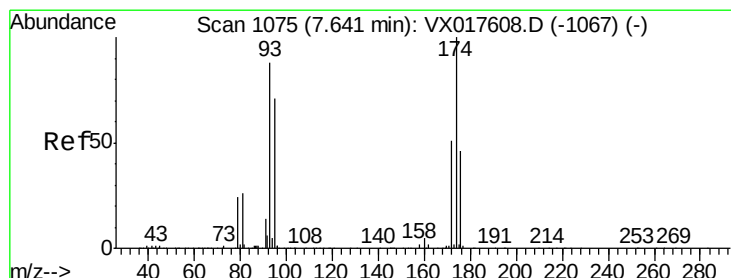
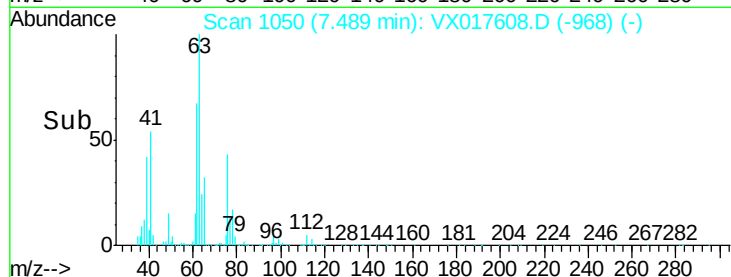
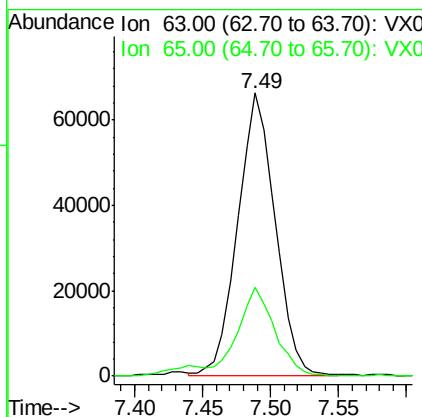
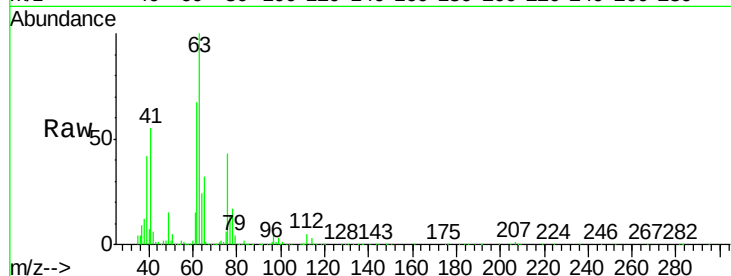
#39
 1,2-Dichloropropane
 Concen: 20.874 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	63	Resp	127845
Ion Ratio	100	Lower	Upper
63	100		
65	31.5	25.2	37.8

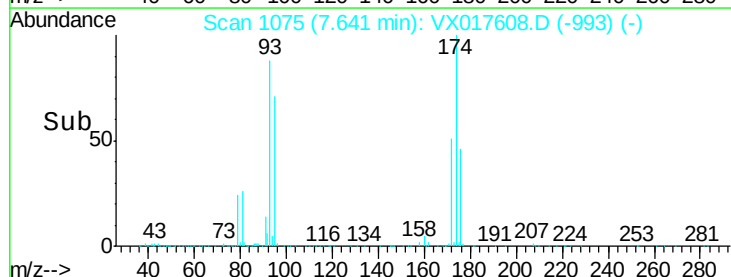
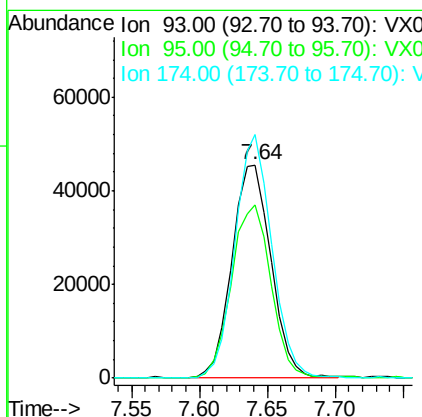
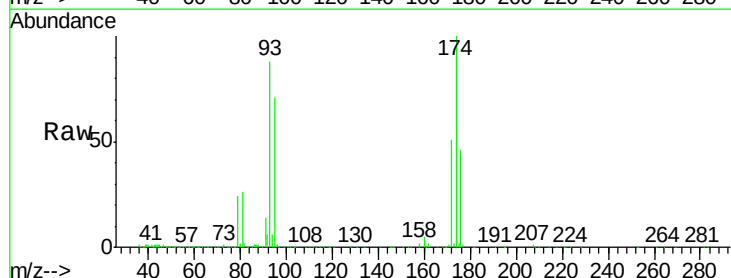
Manual Integrations
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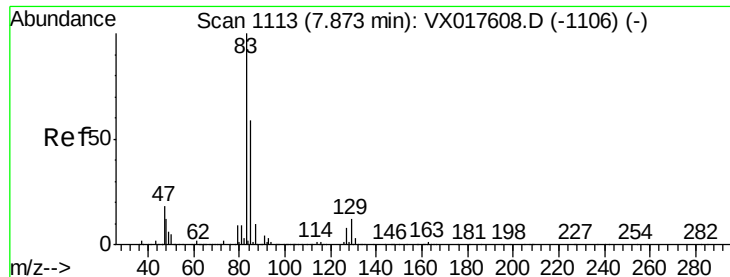
MMDadoda
 7/28/2020 10:31:45 AM



#40
 Dibromomethane
 Concen: 20.804 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	93	Resp	91893
Ion Ratio	100	Lower	Upper
93	100		
95	81.7	0.0	163.4
174	107.3	0.0	214.6





#41

Bromodichloromethane

Concen: 21.560 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

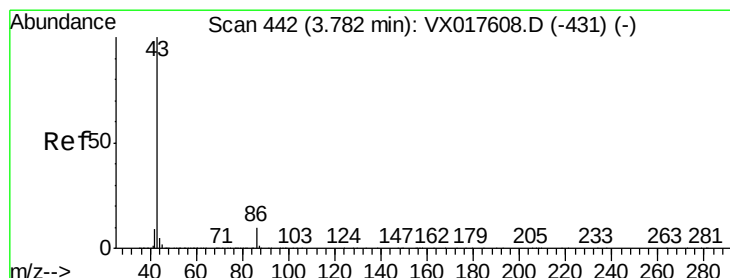
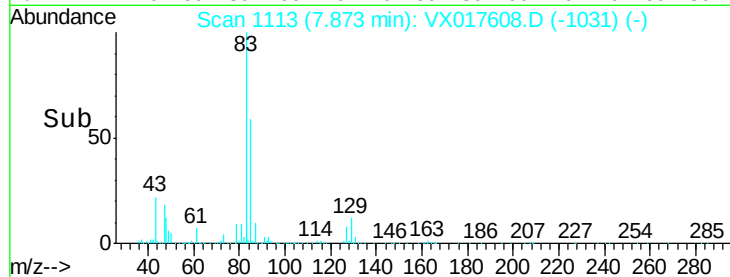
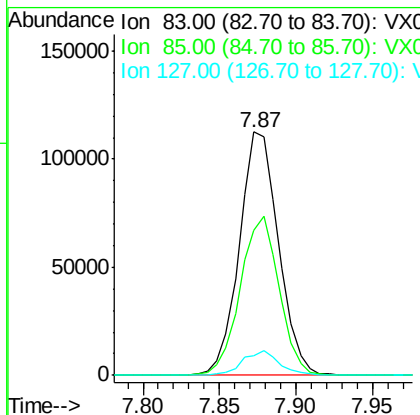
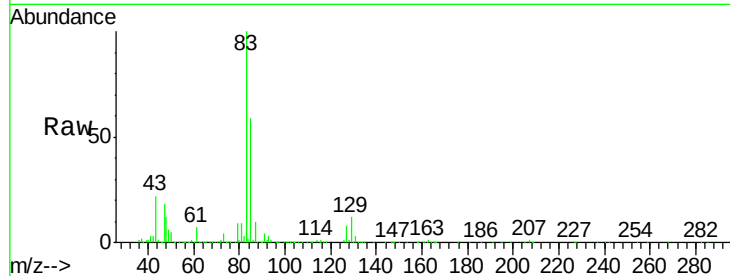
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	200516
Ion Ratio	Lower	Upper	
83	100		
85	59.2	47.4	71.0
127	7.9	6.3	9.5

Manual Integrations
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MMDadoda
7/28/2020 10:31:45 AM



#42

Vinyl Acetate

Concen: 93.644 ug/l

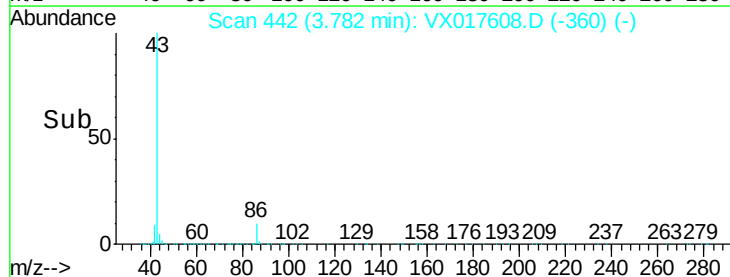
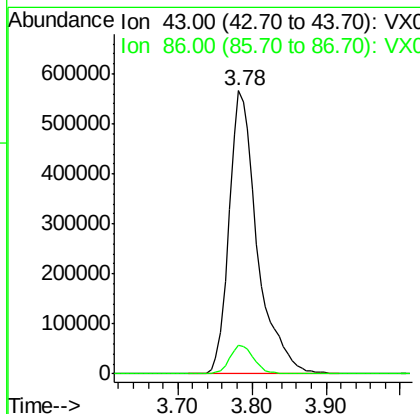
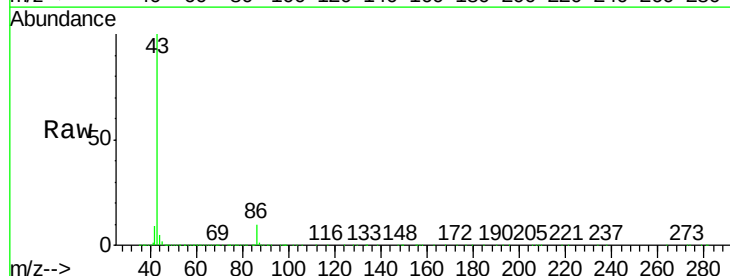
RT: 3.78 min Scan# 442

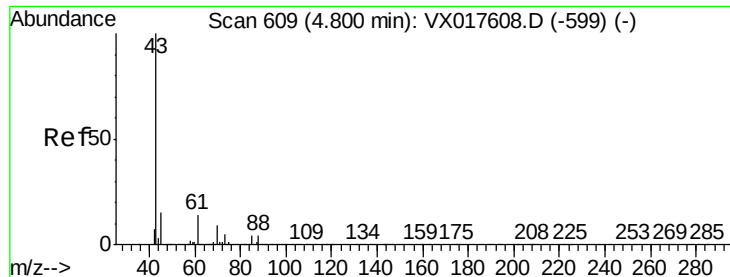
Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Tgt Ion:	43	Resp:	1500358
Ion Ratio	Lower	Upper	
43	100		
86	8.8	7.0	10.6





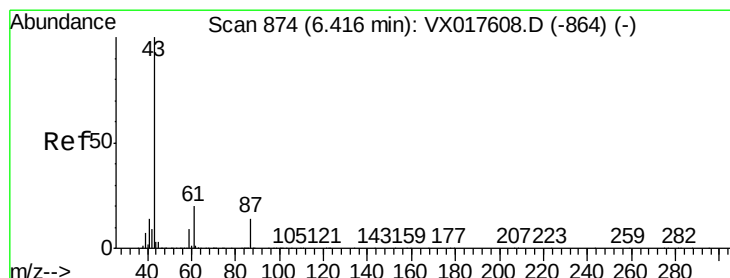
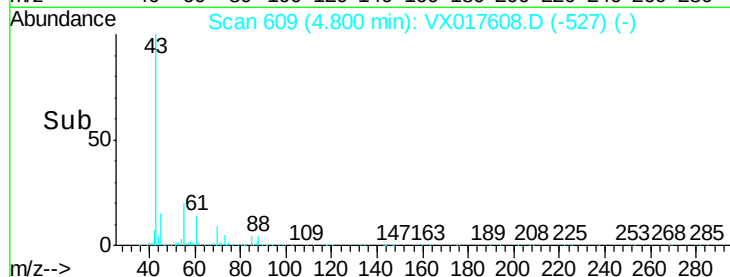
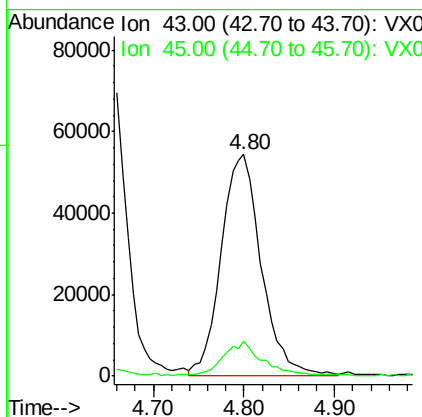
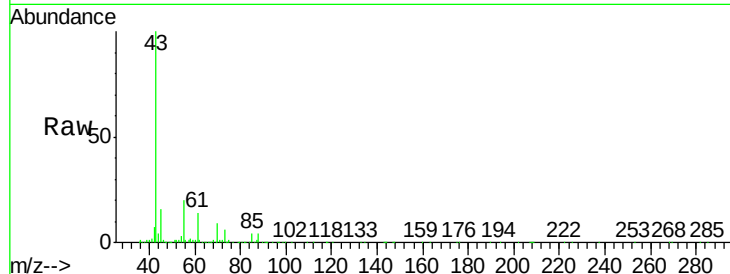
#43
Ethyl Acetate
Concen: 19.846 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 165324
Ion Ratio Lower Upper
43 100
45 14.4 11.4 17.2

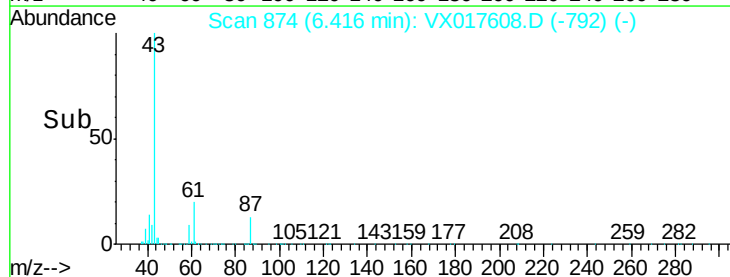
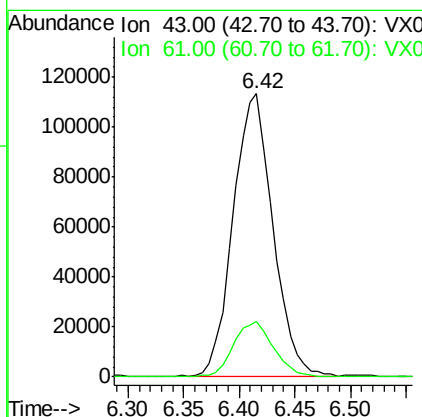
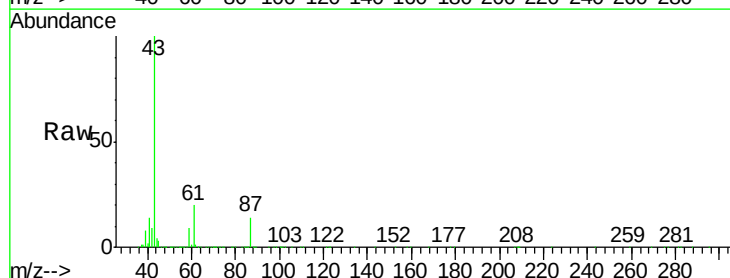
Manual Integrations
APPROVED

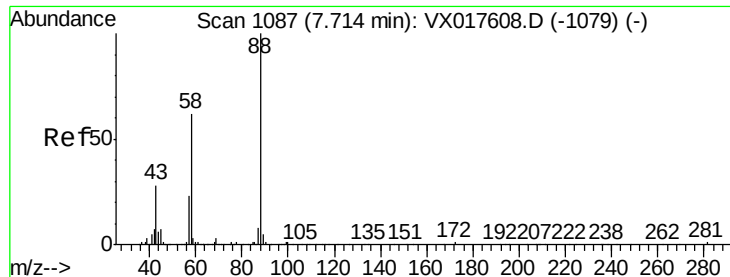
MMDadoda
7/28/2020 10:31:45 AM



#44
Isopropyl Acetate
Concen: 20.049 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion: 43 Resp: 280640
Ion Ratio Lower Upper
43 100
61 19.9 15.9 23.9





#45

1,4-Dioxane

Concen: 433.074 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

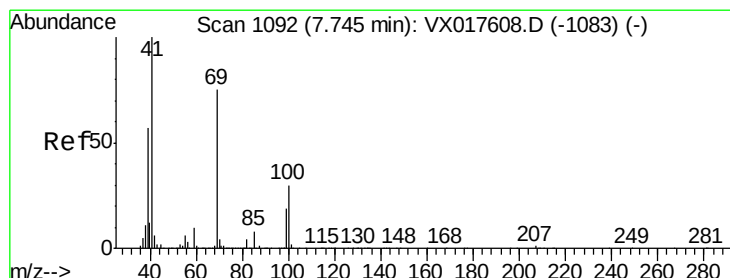
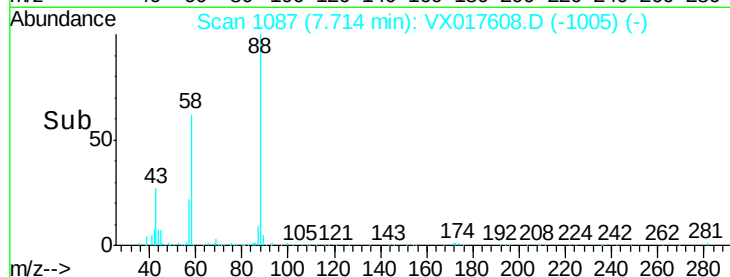
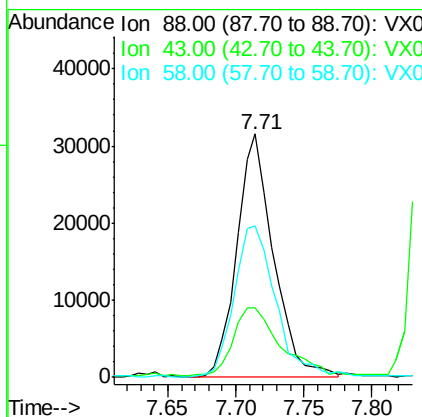
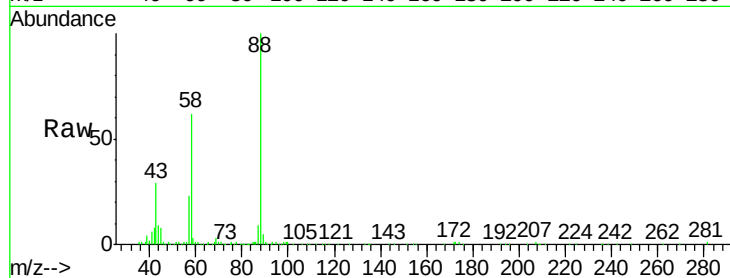
ClientSampleId :

VSTDICCC020

Tot Ion:	88	Resp:	59470
Ion	Ratio	Lower	Upper
88	100		
43	36.3	29.0	43.6
58	69.5	55.6	83.4

Manual Integrations
APPROVED

MMDadoda
7/28/2020 10:31:45 AM



#46

Methyl methacrylate

Concen: 19.909 ug/l

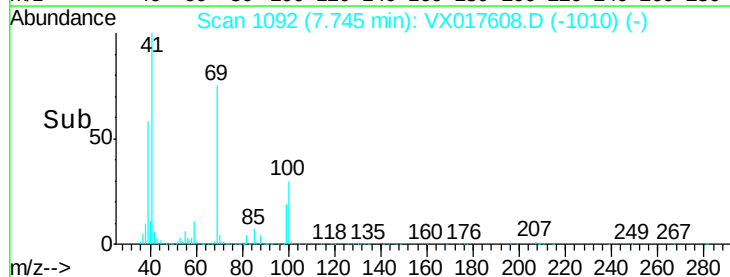
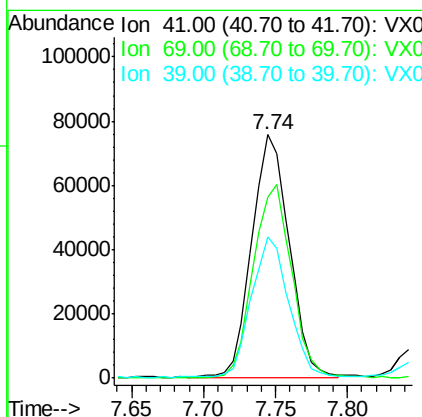
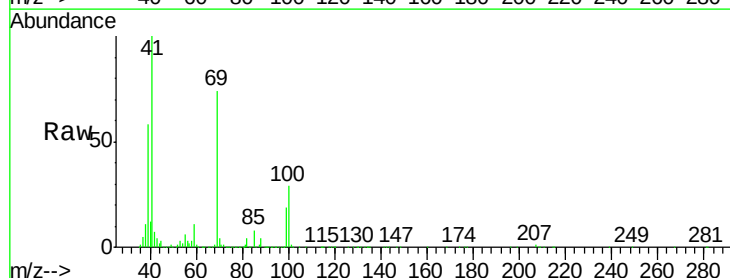
RT: 7.74 min Scan# 1092

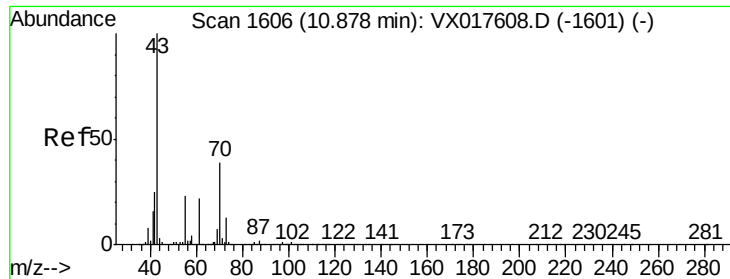
Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Tgt Ion:	41	Resp:	135505
Ion	Ratio	Lower	Upper
41	100		
69	74.7	37.4	112.1
39	57.4	28.7	86.1





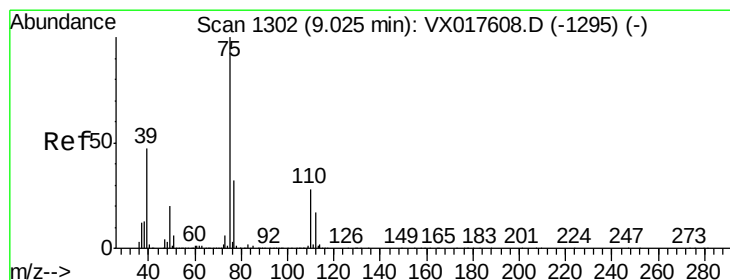
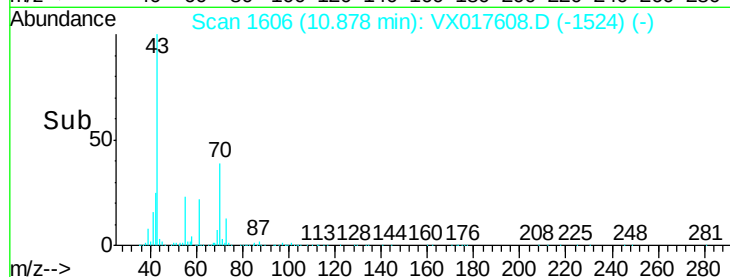
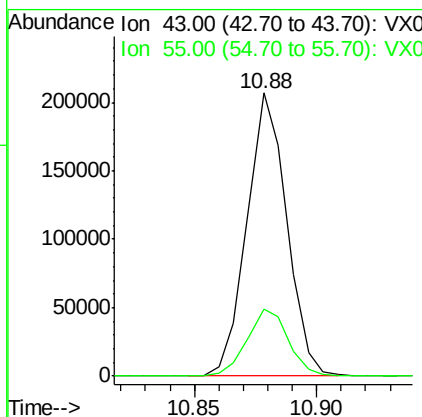
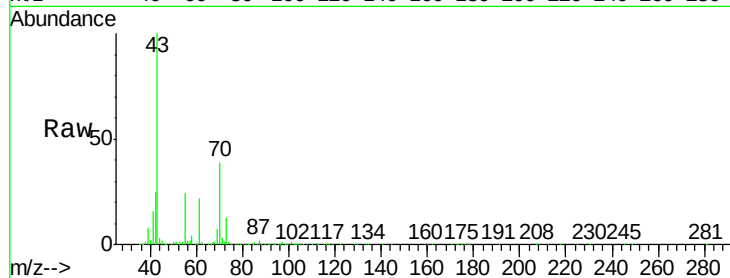
#47
n-amvl Acetate
Concen: 18.863 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	43	Resp	233293
Ion Ratio	100	Lower	Upper
55	24.4	19.5	29.3

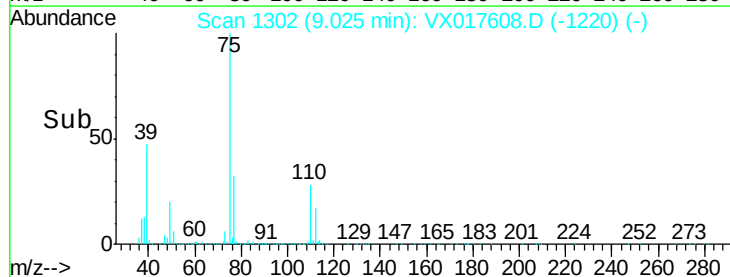
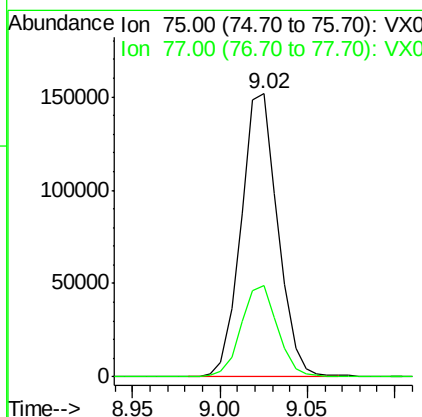
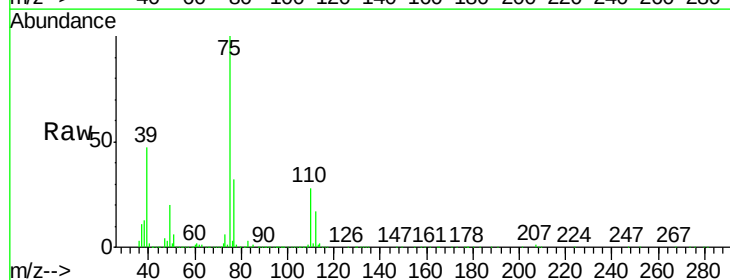
Manual Integrations
APPROVED

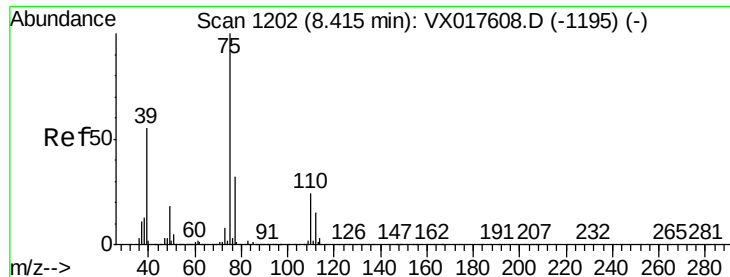
MMDadoda
7/28/2020 10:31:45 AM



#48
t-1,3-Dichloropropene
Concen: 21.319 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	75	Resp	220307
Ion Ratio	100	Lower	Upper
77	32.0	25.6	38.4





#49

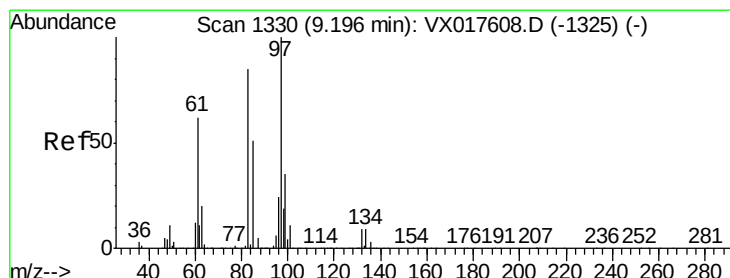
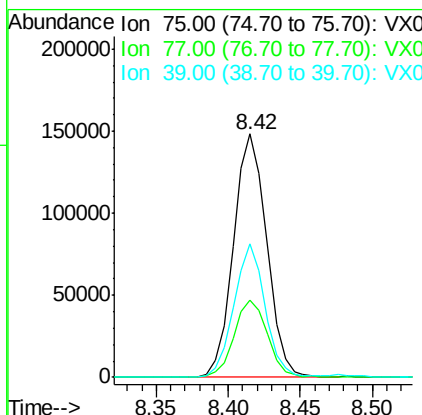
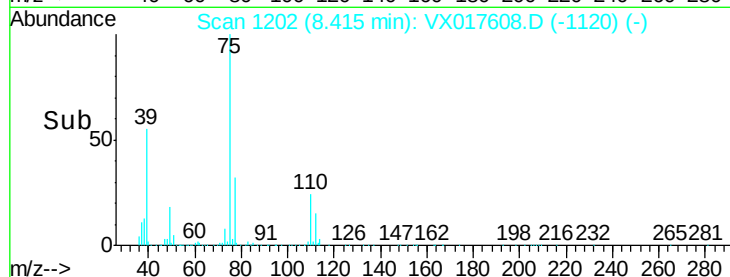
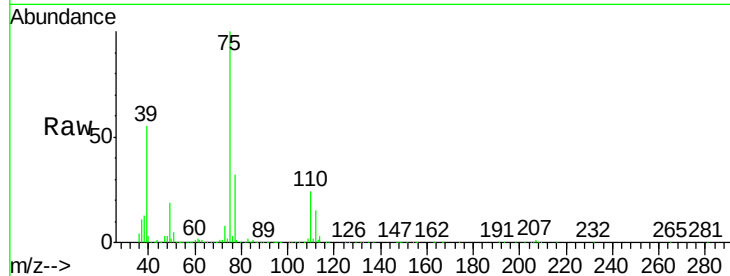
cis-1,3-Dichloropropene
Concen: 22.089 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
77	31.7	25.4	38.0
39	54.5	43.6	65.4

Manual Integrations
APPROVED

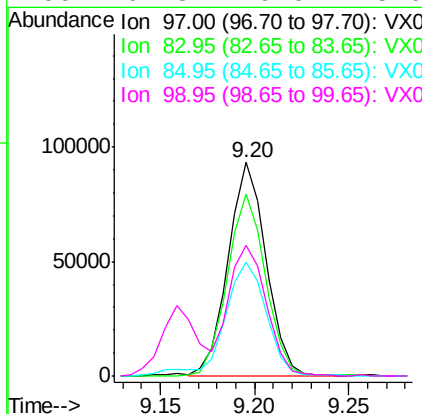
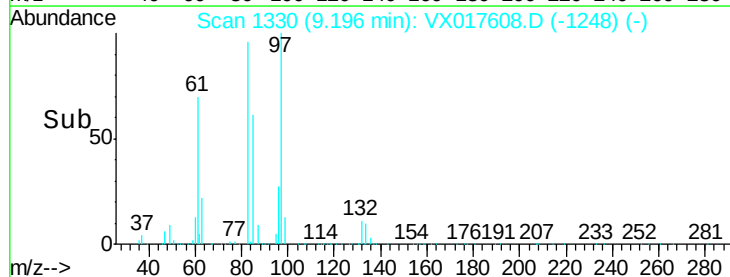
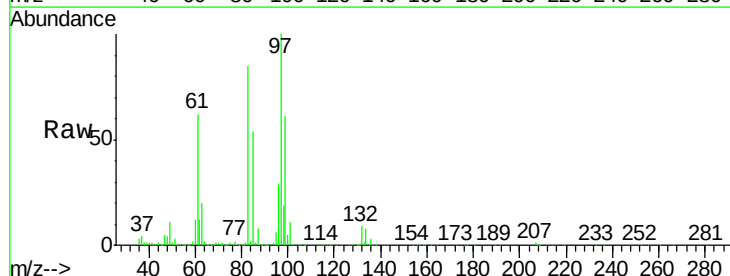
MMDadoda
7/28/2020 10:31:45 AM

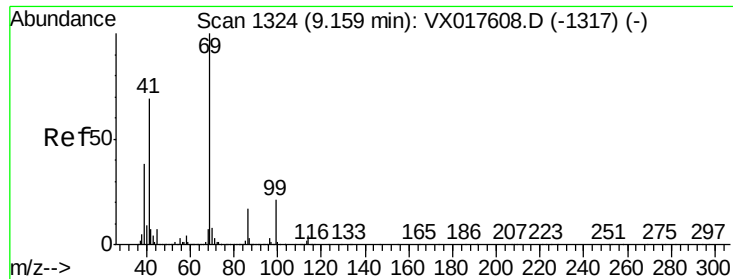


#50

1,1,2-Trichloroethane
Concen: 20.133 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Resp Lower	Upper
97	100		
83	85.2	68.2	102.2
85	53.3	42.6	64.0
99	61.3	49.0	73.6





#51

Ethyl methacrylate

Concen: 20.415 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

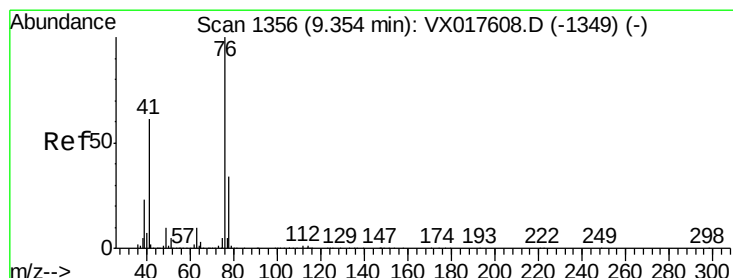
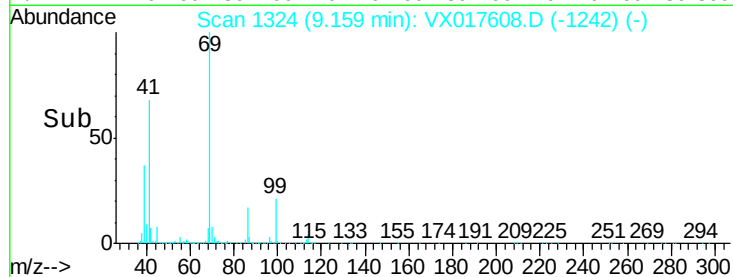
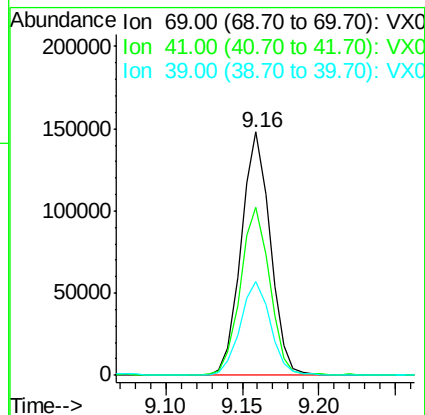
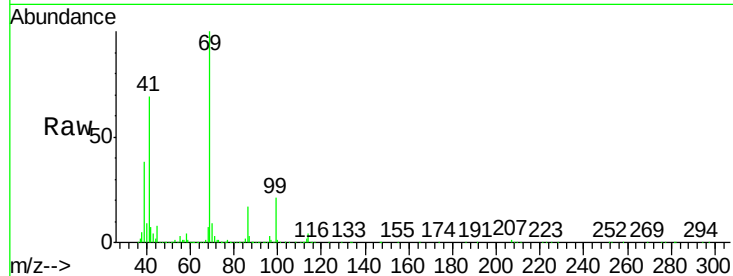
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	195648
Ion Ratio	Lower	Upper	
69	100		
41	68.8	34.4	103.2
39	38.1	19.1	57.1

Manual Integrations
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MMDadoda
7/28/2020 10:31:45 AM



#52

1,3-Dichloropropane

Concen: 19.740 ug/l

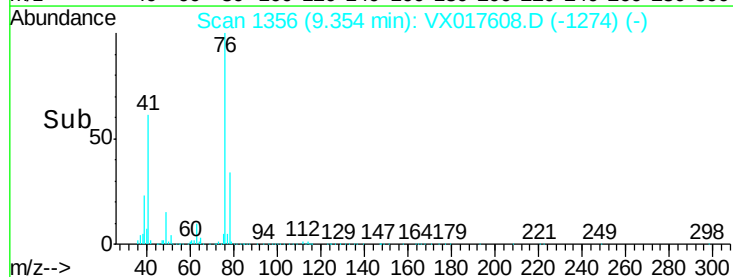
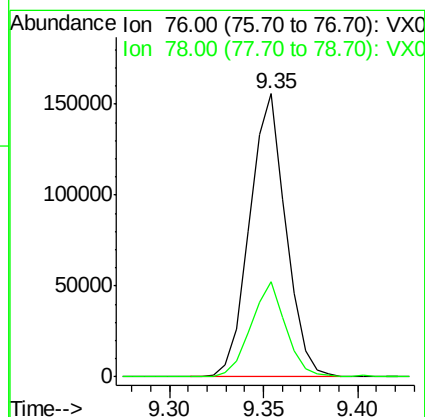
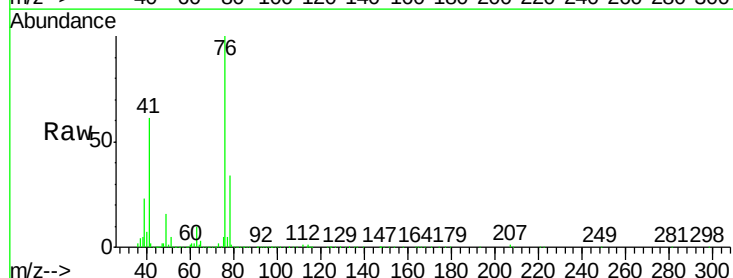
RT: 9.35 min Scan# 1356

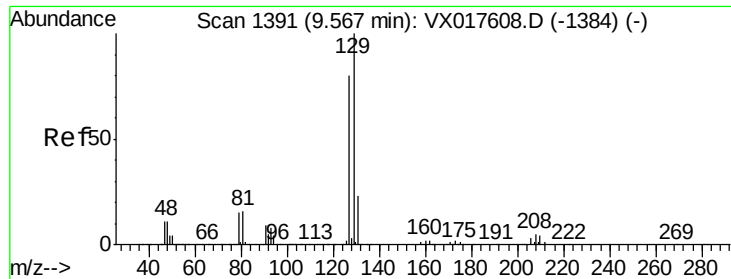
Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Tgt Ion:	76	Resp:	207164
Ion Ratio	Lower	Upper	
76	100		
78	32.7	0.0	65.4





#53

Dibromochloromethane

Concen: 19.175 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:129 Resp: 150758

Ion Ratio Lower Upper

129 100

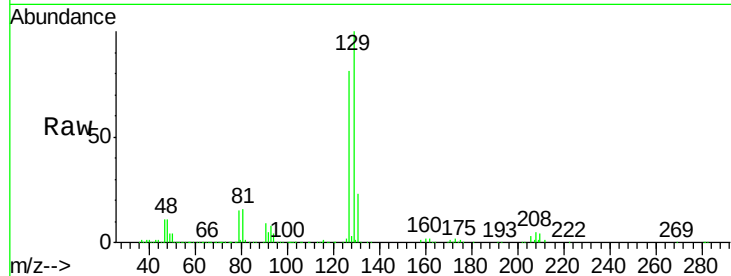
127 79.4 39.7 119.1

Manual Integrations

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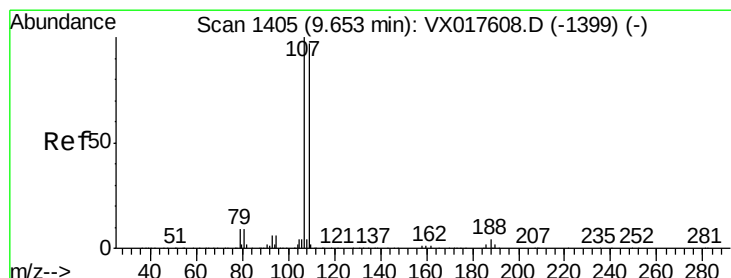
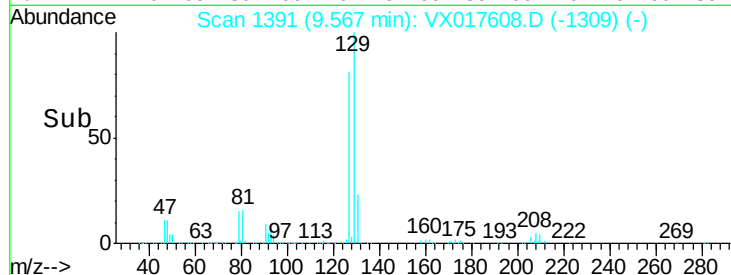
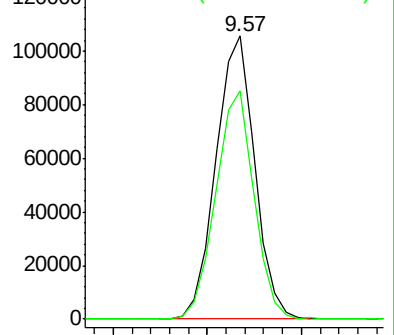
MMDadoda

7/28/2020 10:31:45 AM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.588 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017608.D

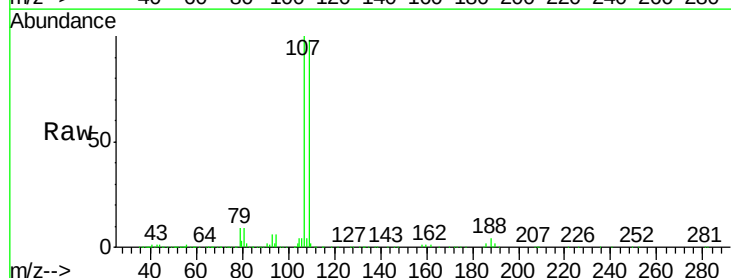
Acq: 27 Jul 2020 09:46

Tgt Ion:107 Resp: 135329

Ion Ratio Lower Upper

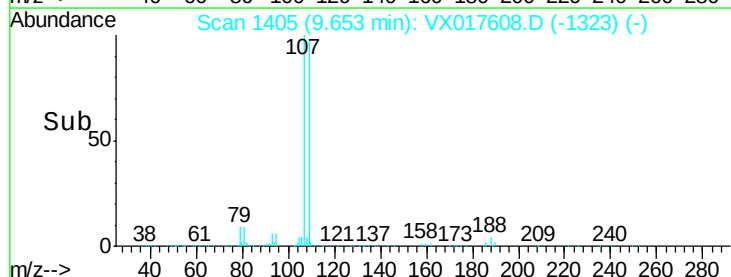
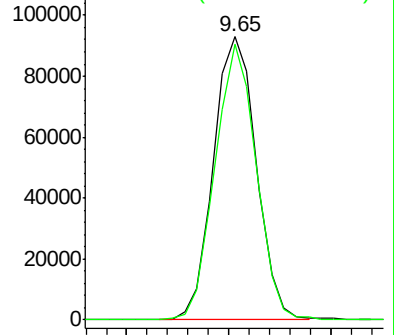
107 100

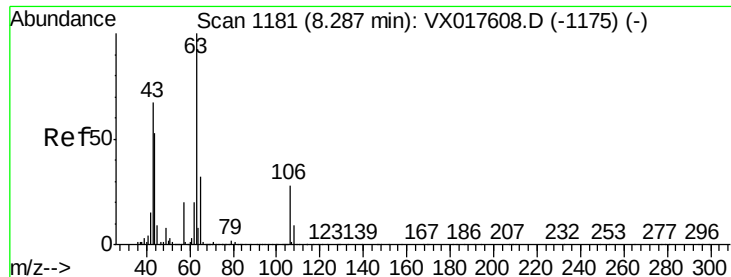
109 94.5 75.6 113.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





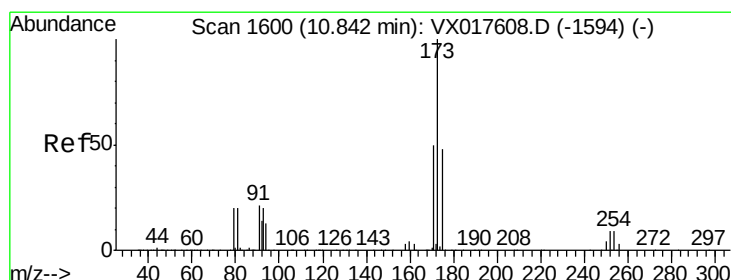
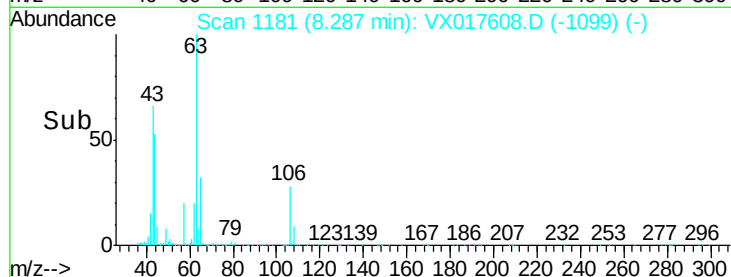
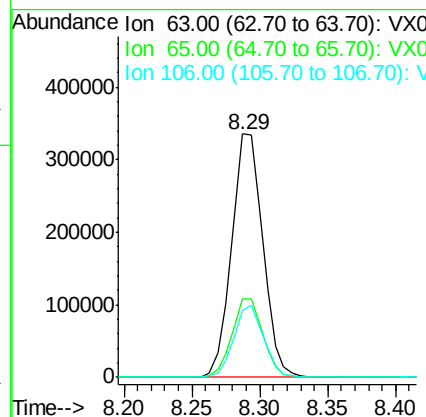
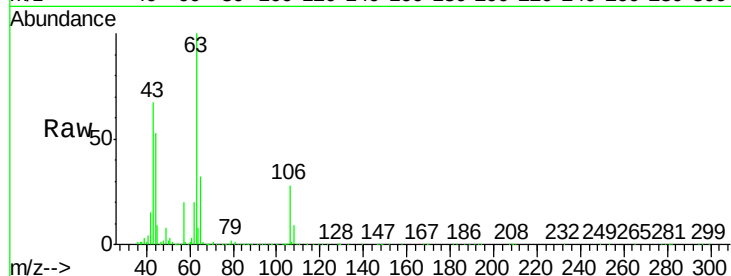
#55
 2-Chloroethyl vinyl ether
 Concen: 119.276 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.5	38.3
106	28.6	22.9	34.3

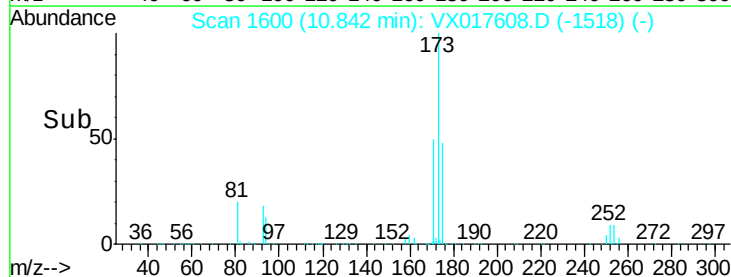
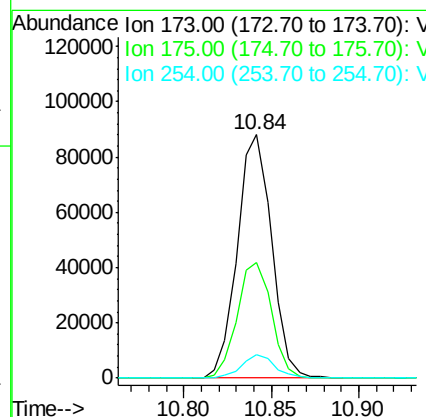
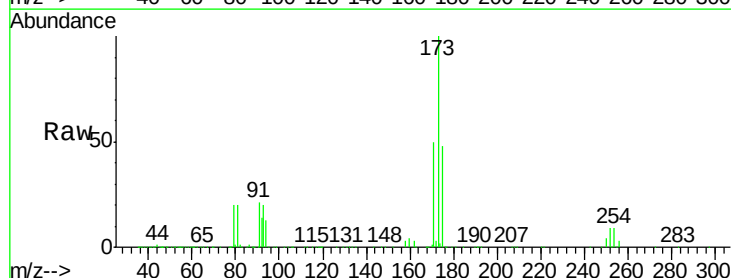
Manual Integrations
 APPROVED

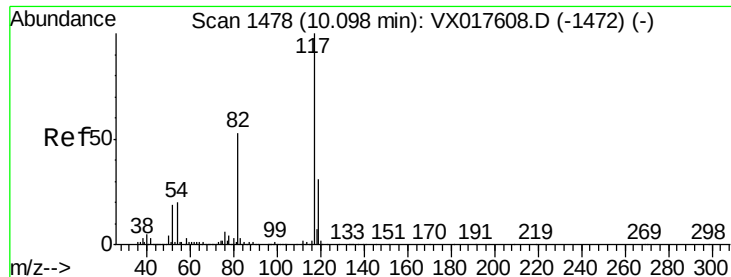
MMDadoda
 7/28/2020 10:31:45 AM



#56
 Bromoform
 Concen: 19.361 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	38.2	57.4
254	9.3	7.4	11.2





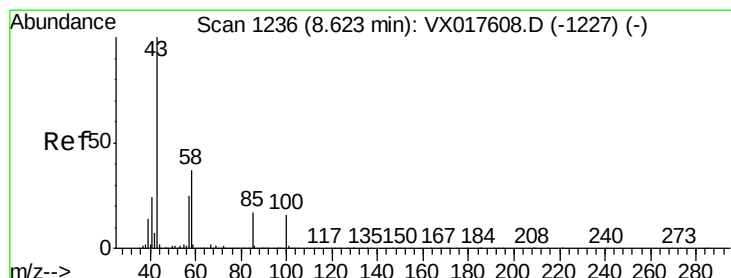
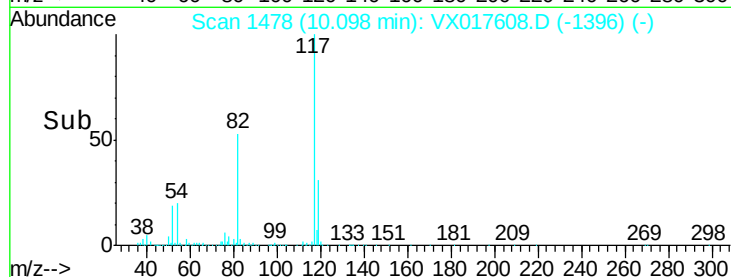
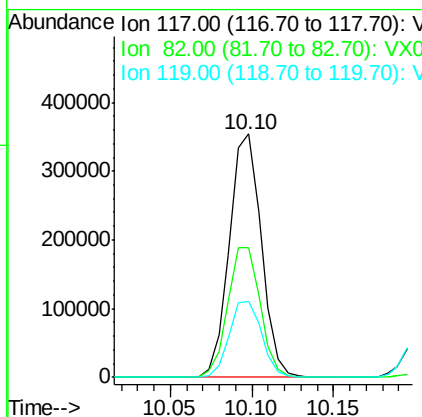
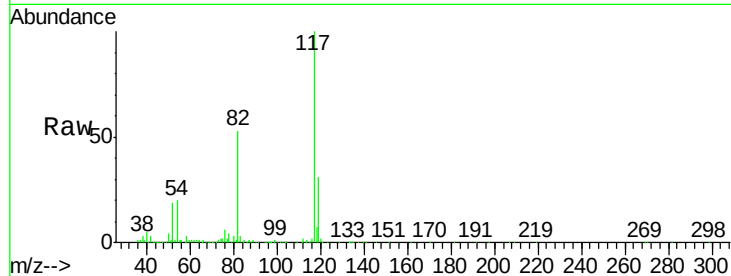
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.6	65.4
119	32.1	25.7	38.5

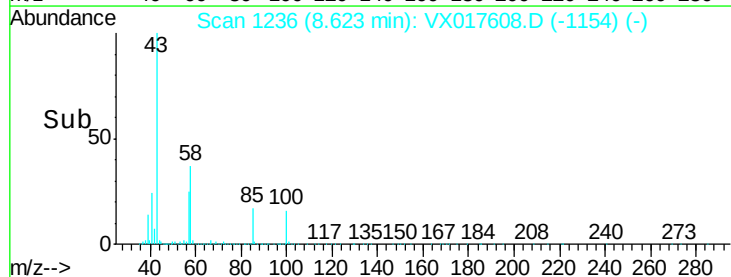
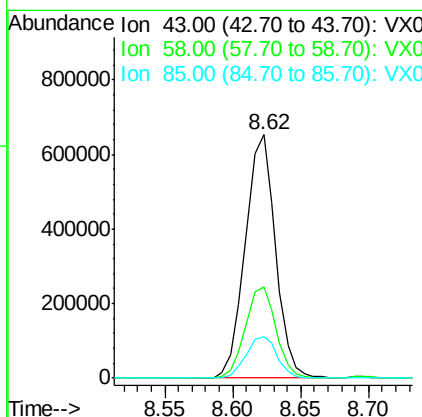
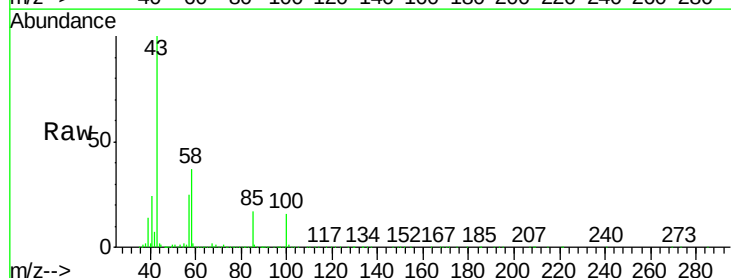
Manual Integrations
APPROVED

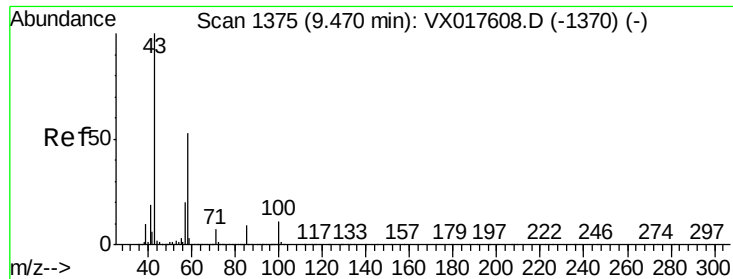
MMDadoda
7/28/2020 10:31:45 AM



#58
4-Methyl-2-Pentanone
Concen: 123.728 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.5	45.7
85	17.7	14.2	21.2





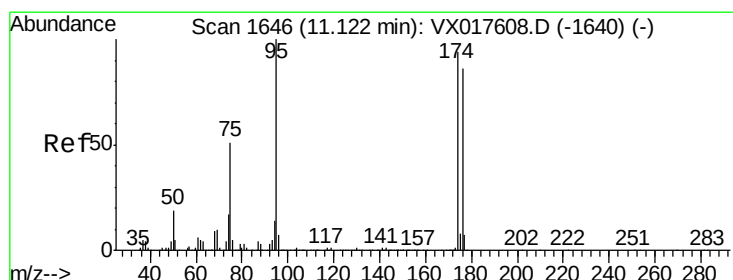
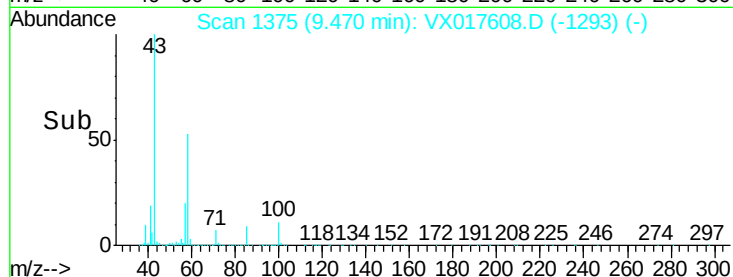
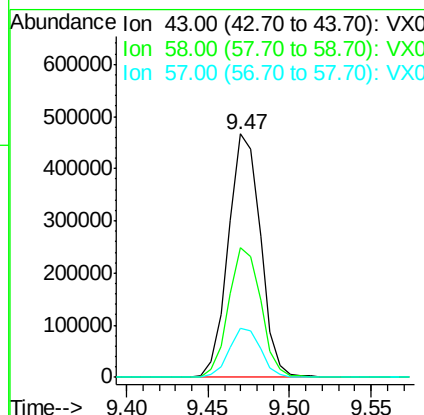
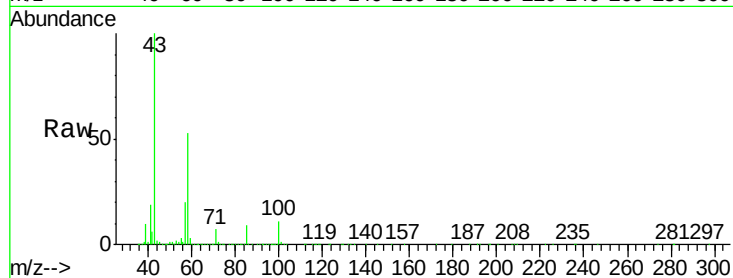
#59
2-Hexanone
Concen: 106.375 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.6	42.9	64.3
57	20.1	16.1	24.1

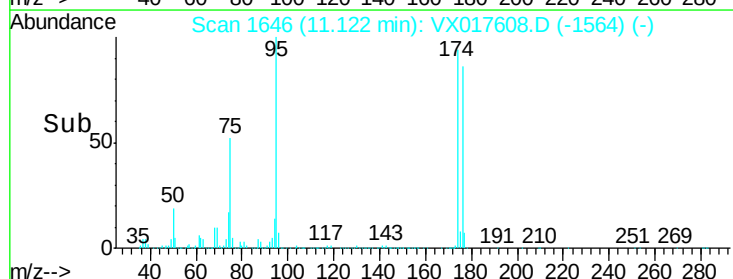
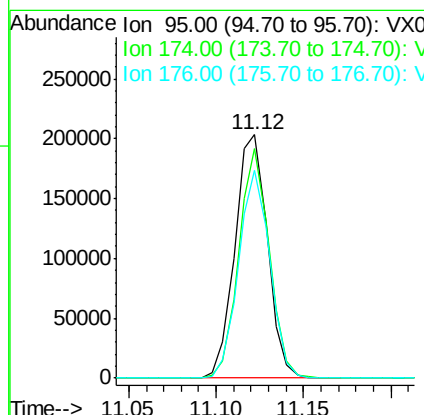
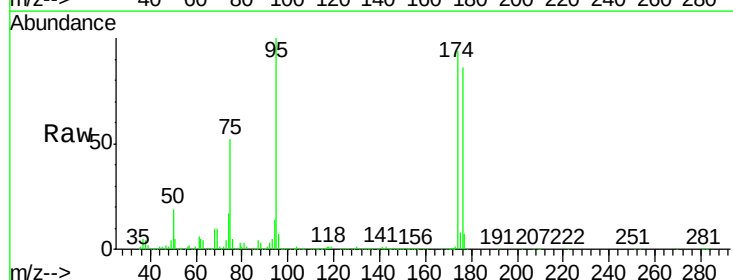
Manual Integrations
APPROVED

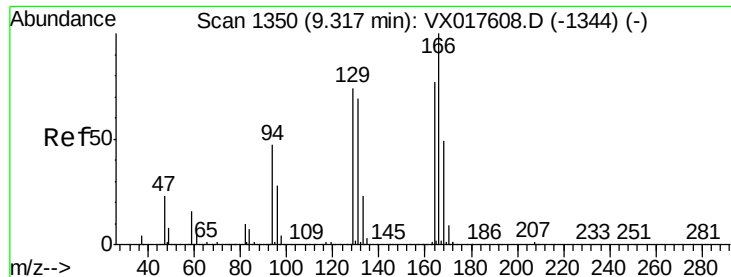
MMDadoda
7/28/2020 10:31:45 AM



#60
4-Bromofluorobenzene
Concen: 31.425 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.7	70.2	105.2
176	82.0	65.6	98.4





#61

Tetrachloroethene

Concen: 22.766 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

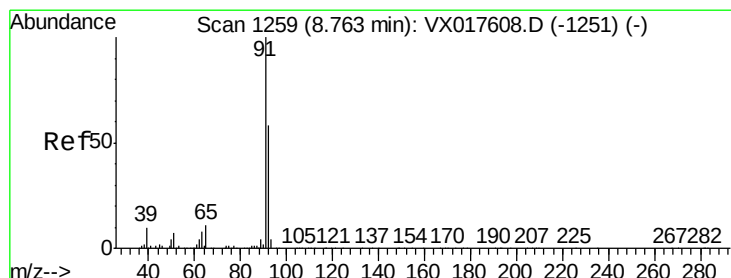
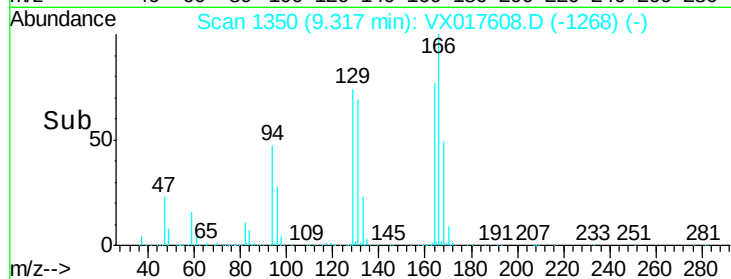
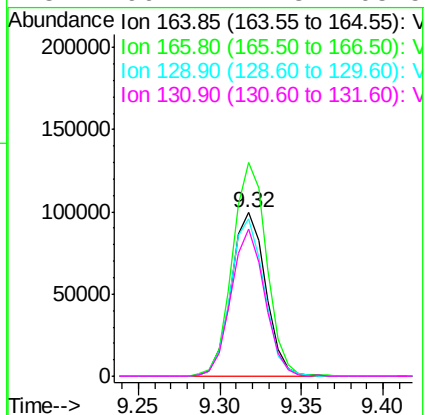
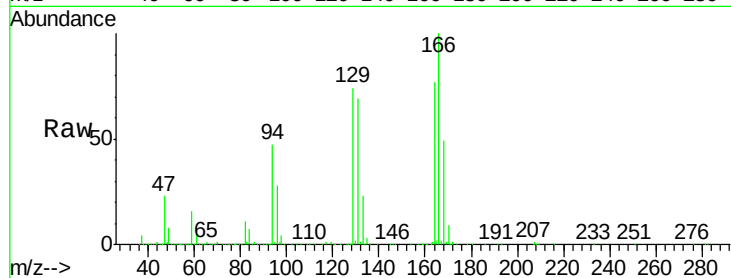
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.5	104.4	156.6
129	96.2	77.0	115.4
131	90.4	72.3	108.5

Manual Integrations
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#62

Toluene

Concen: 23.320 ug/l

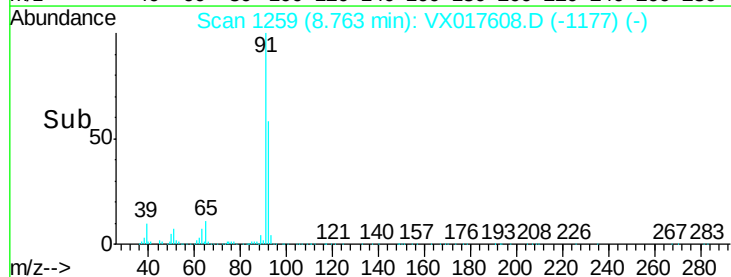
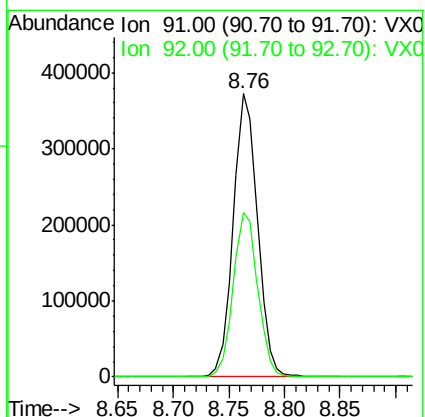
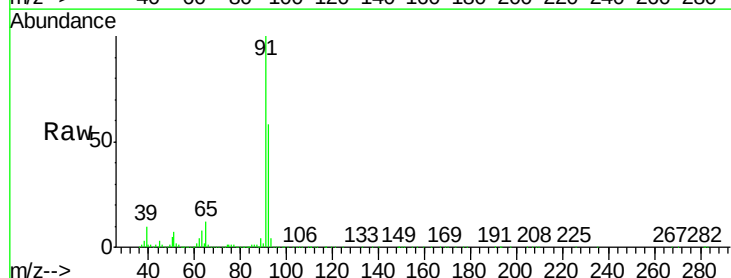
RT: 8.76 min Scan# 1259

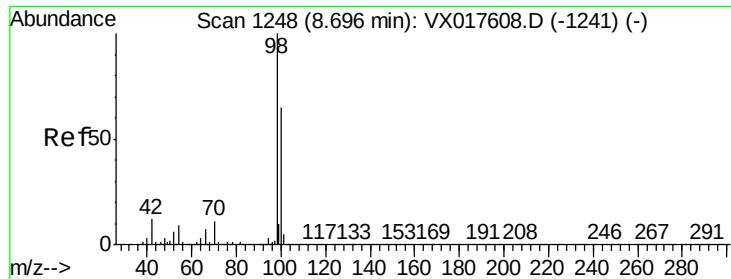
Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.6	46.9	70.3





#63

Toluene-d8

Concen: 34.858 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 98 Resp: 737646

Ion Ratio Lower Upper

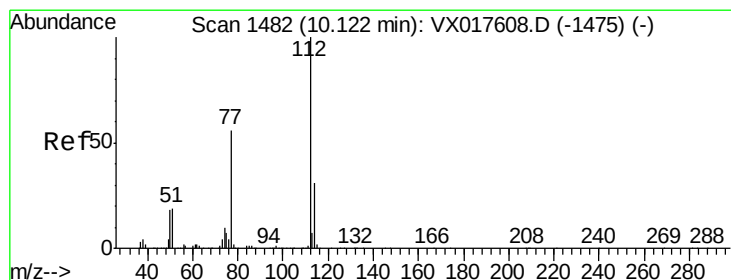
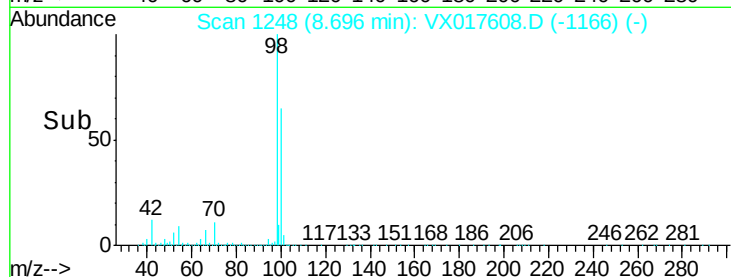
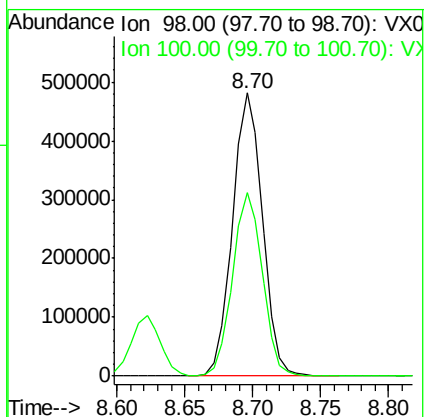
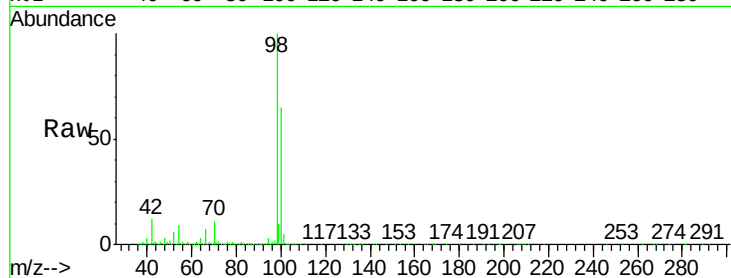
98 100

100 64.9 51.9 77.9

Manual Integrations
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7/28/2020 10:31:45 AM



#64

Chlorobenzene

Concen: 20.473 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017608.D

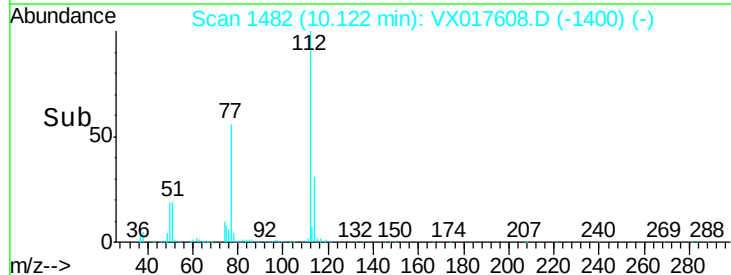
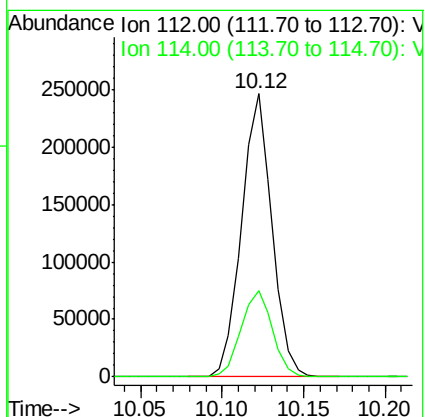
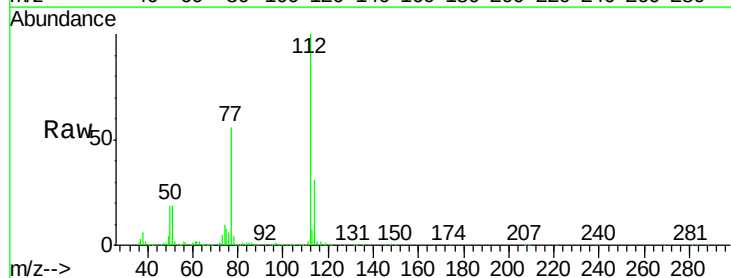
Acq: 27 Jul 2020 09:46

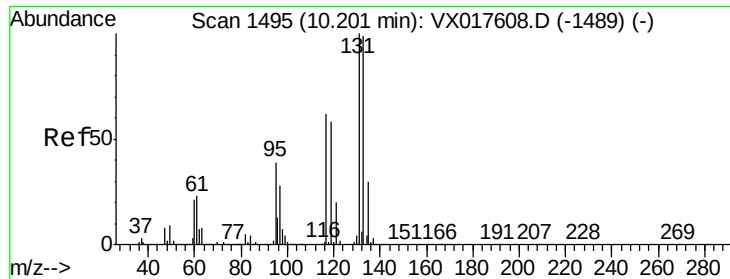
Tgt Ion: 112 Resp: 320455

Ion Ratio Lower Upper

112 100

114 30.5 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 21.288 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

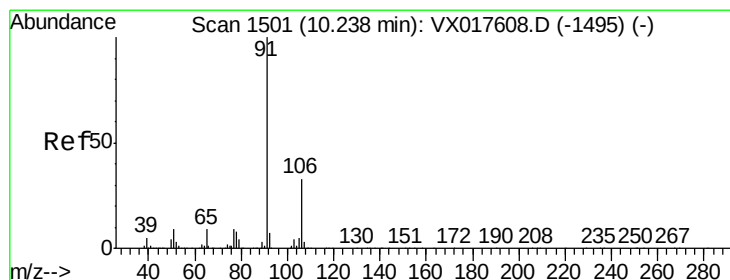
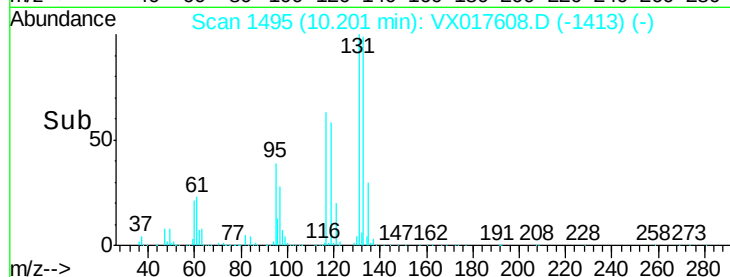
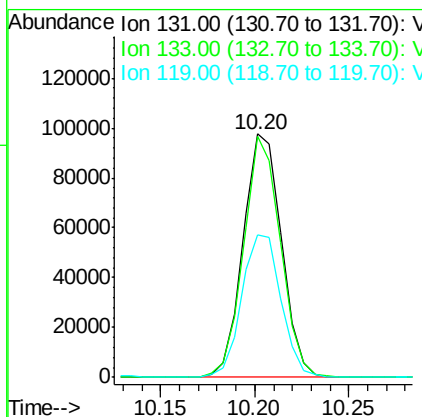
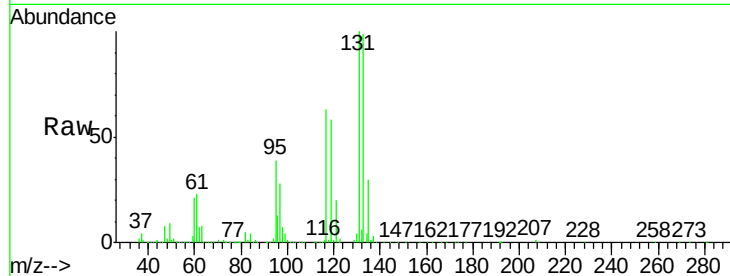
ClientSampleId :

VSTDICCC020

Tot Ion:	131	Resp:	138037
Ion Ratio	Lower	Upper	
131	100		
133	94.9	0.0	189.8
119	59.8	0.0	119.6

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.973 ug/l

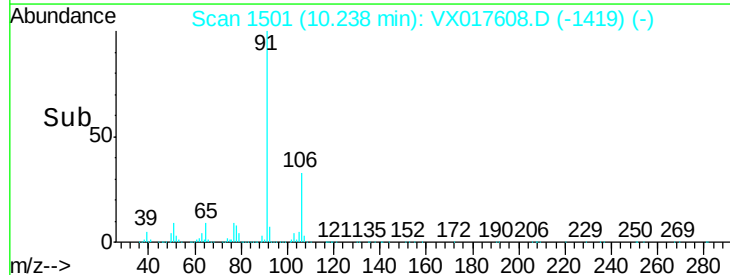
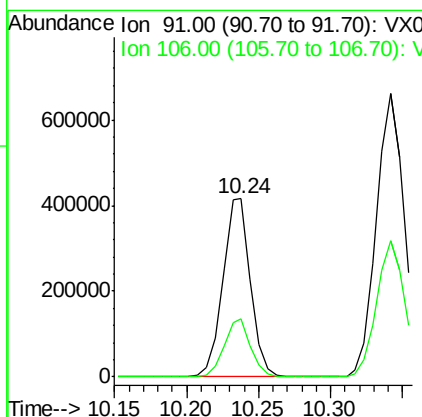
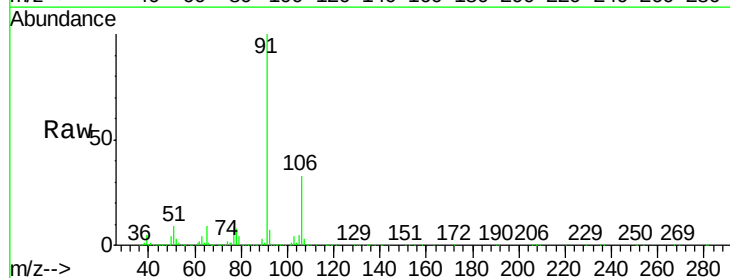
RT: 10.24 min Scan# 1501

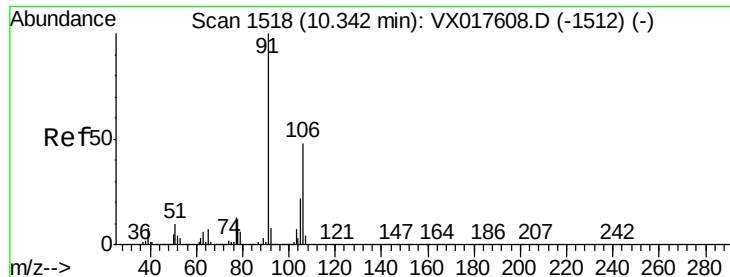
Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Tgt Ion:	91	Resp:	557281
Ion Ratio	Lower	Upper	
91	100		
106	32.7	26.2	39.2





#67

m/p-Xylenes

Concen: 41.317 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:106 Resp: 421233

Ion Ratio Lower Upper

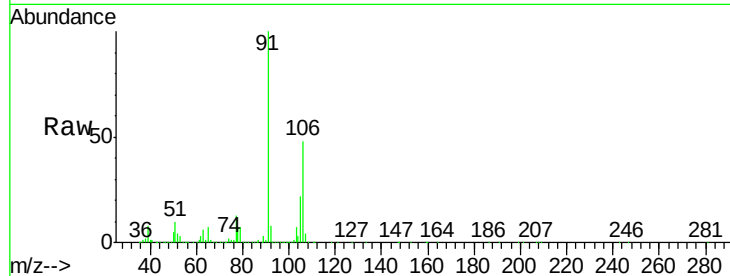
106 100

91 208.2 166.6 249.8

Manual Integrations
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

400000

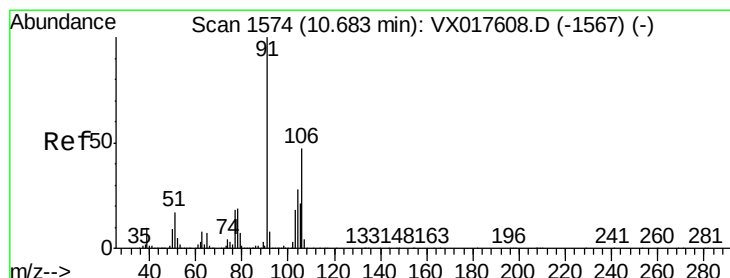
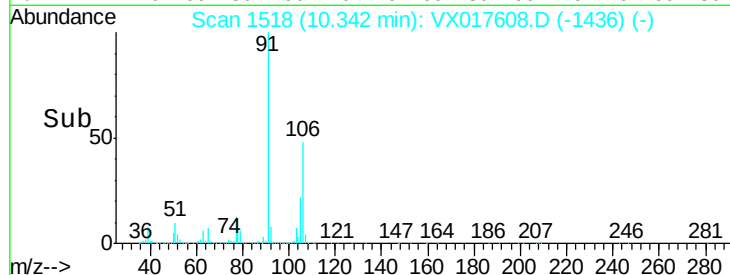
200000

0

10.30 10.35 10.40

10.34

Time-->



#68

o-Xylene

Concen: 20.981 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017608.D

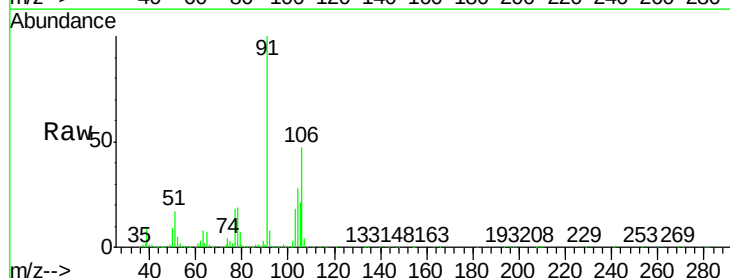
Acq: 27 Jul 2020 09:46

Tgt Ion:106 Resp: 205807

Ion Ratio Lower Upper

106 100

91 211.7 105.8 317.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

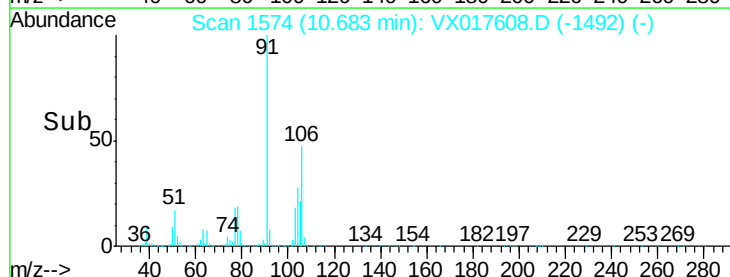
100000

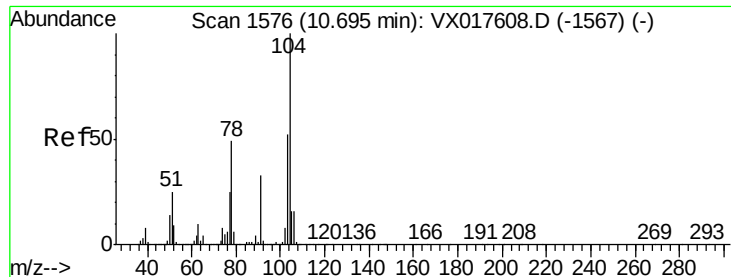
0

10.65 10.70

10.68

Time-->





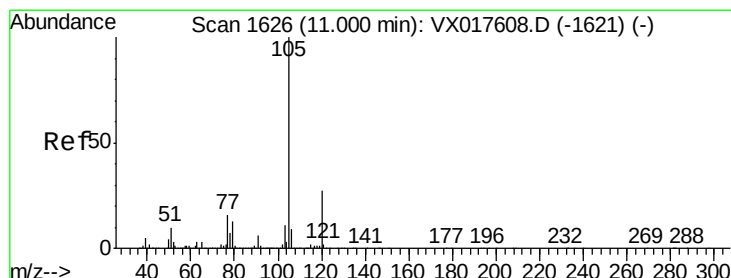
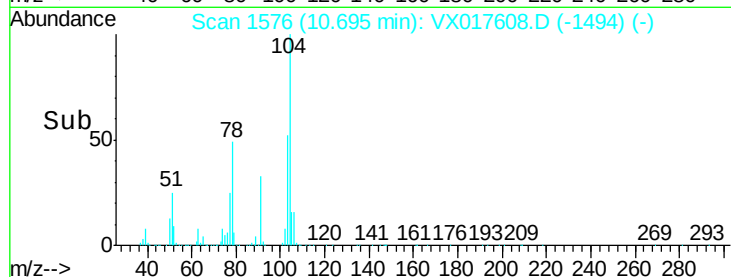
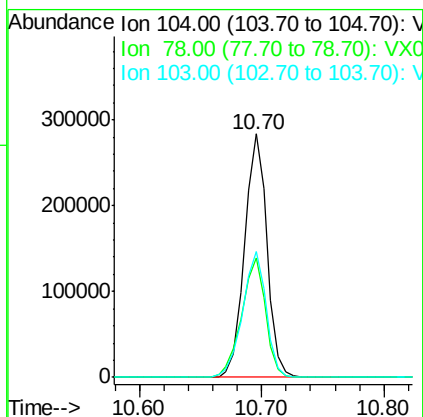
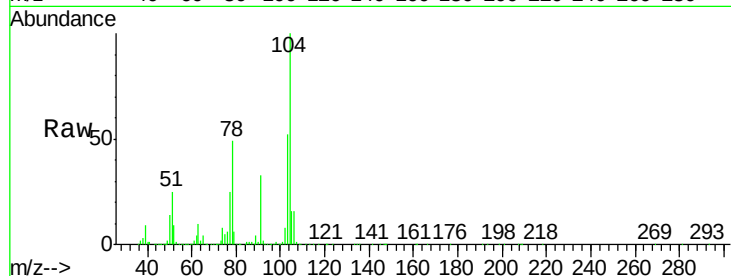
#69
Stvrene
Concen: 20.709 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.7	62.5
103	54.3	43.4	65.2

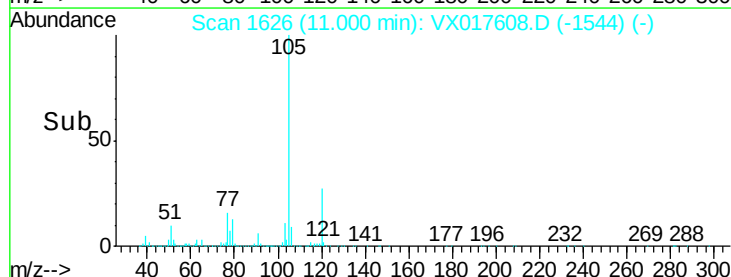
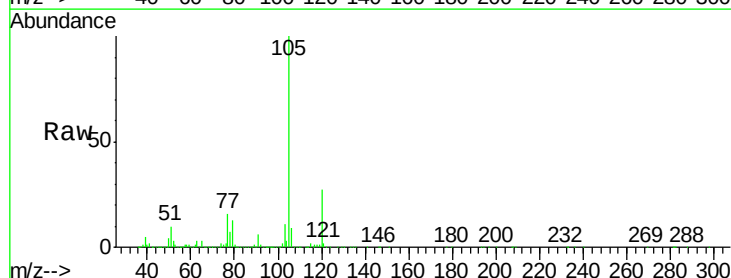
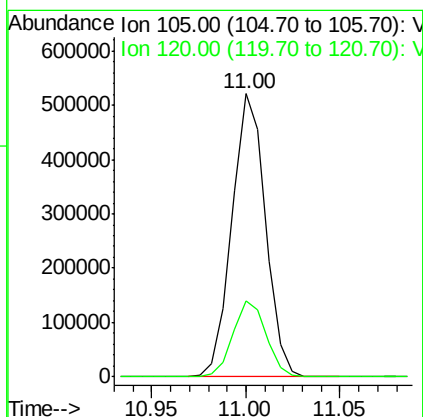
Manual Integrations
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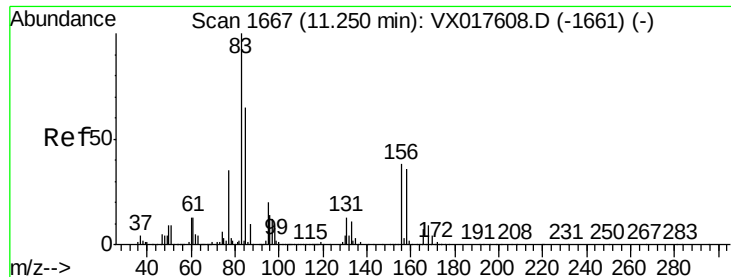
MMDadoda
7/28/2020 10:31:45 AM



#70
Isopropylbenzene
Concen: 23.320 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 21.038 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 83 Resp: 176247

Ion Ratio Lower Upper

83 100

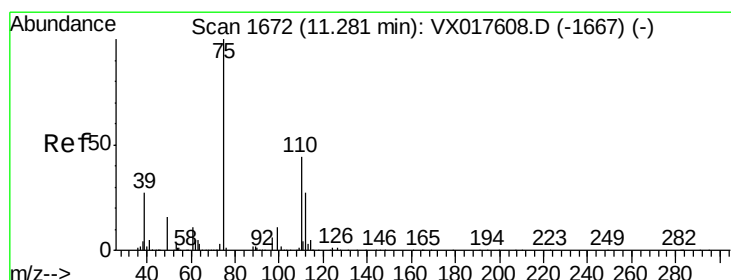
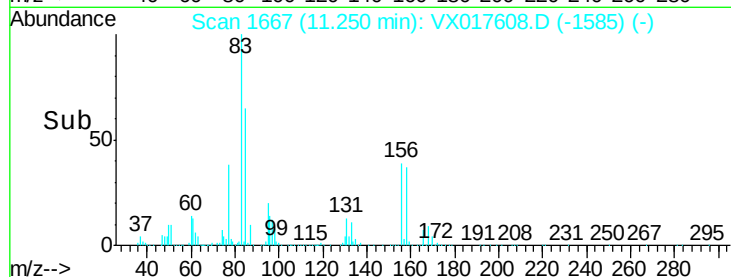
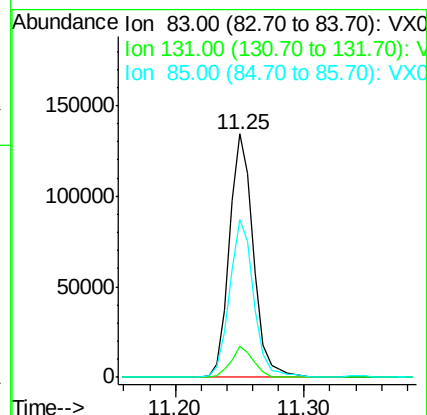
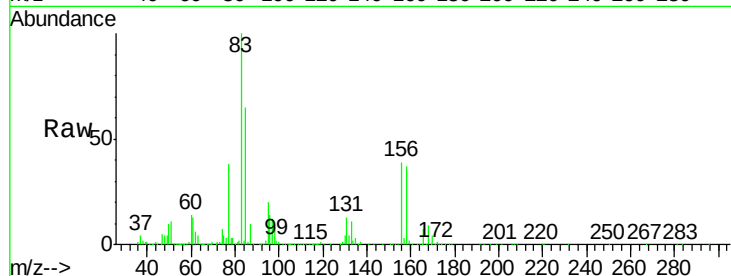
131 11.9 5.9 17.8

85 65.4 32.7 98.1

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 21.779 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017608.D

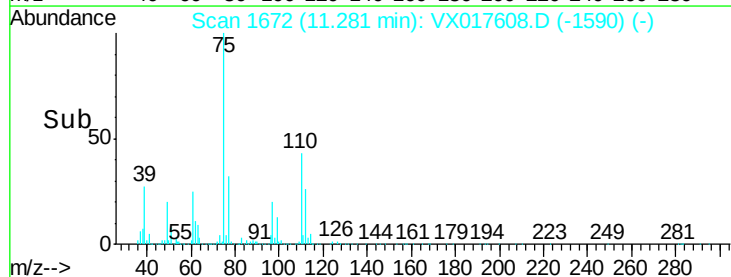
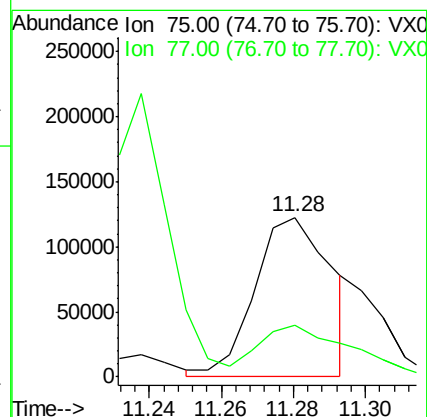
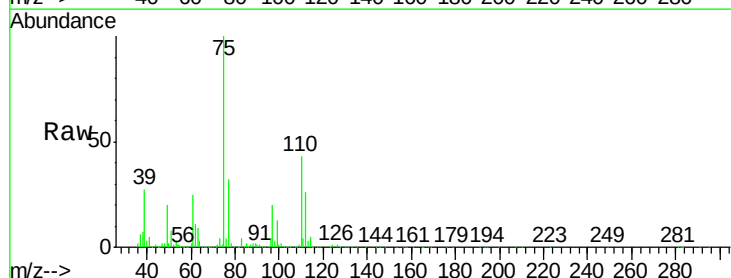
Acq: 27 Jul 2020 09:46

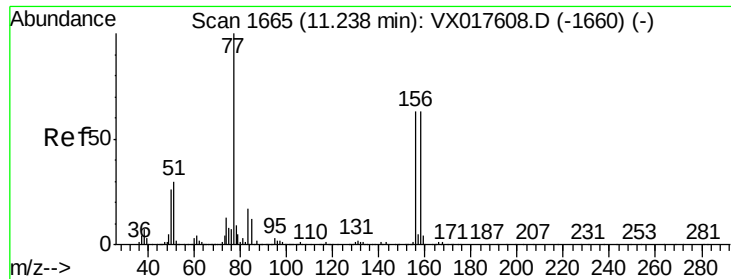
Tgt Ion: 75 Resp: 179929

Ion Ratio Lower Upper

75 100

77 36.6 0.0 73.2





#73

Bromobenzene

Concen: 22.394 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

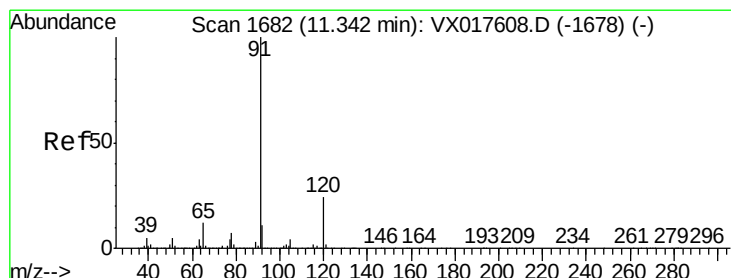
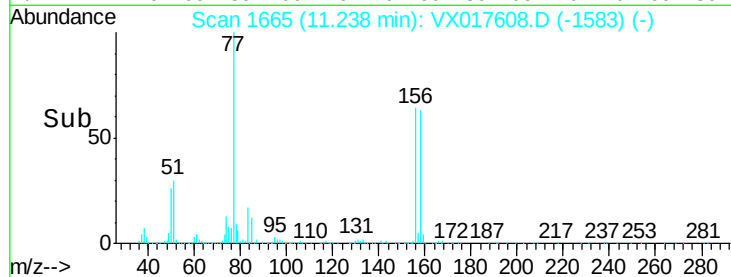
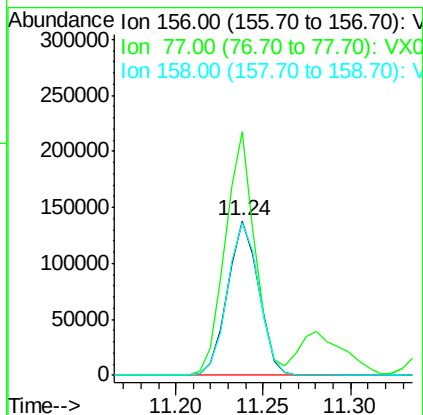
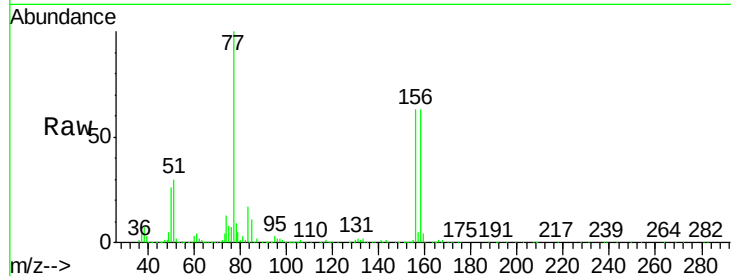
ClientSampleId :

VSTDICCC020

Tot Ion:	156	Resp:	171417
Ion Ratio	Lower	Upper	
156	100		
77	151.0	0.0	302.0
158	99.8	0.0	199.6

Manual Integrations
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#74

n-propylbenzene

Concen: 21.849 ug/l

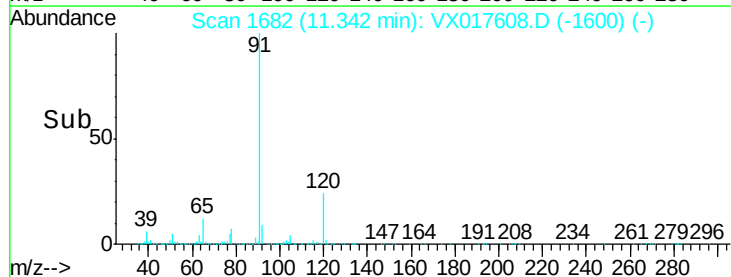
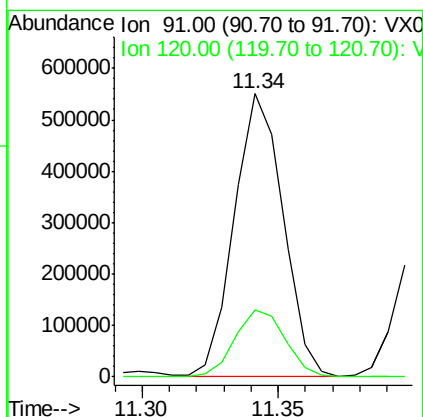
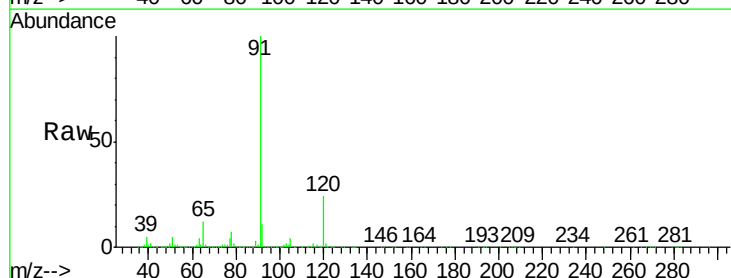
RT: 11.34 min Scan# 1682

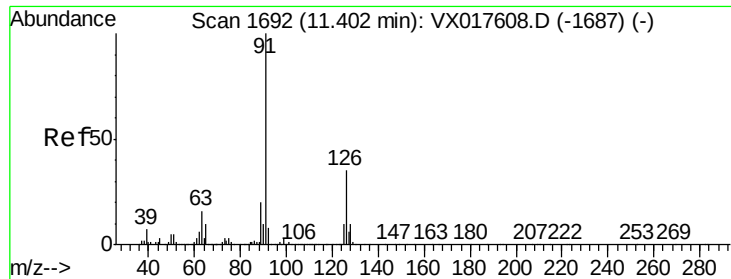
Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Tgt Ion:	91	Resp:	686716
Ion Ratio	Lower	Upper	
91	100		
120	24.0	0.0	48.0





#75

2-Chlorotoluene

Concen: 21.579 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017608.D

Acq: 27 Jul 2020 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 410568

Ion Ratio Lower Upper

91 100

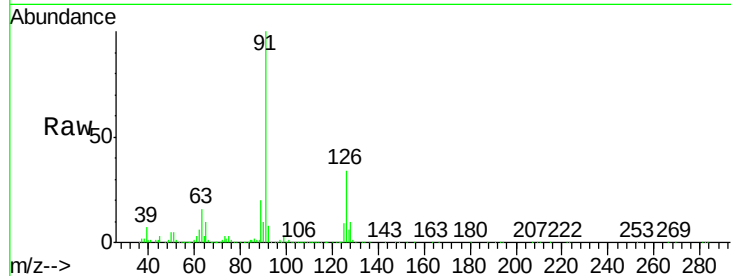
126 33.9 0.0 67.8

Manual Integrations

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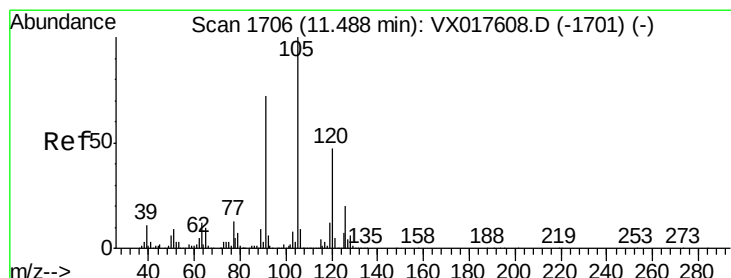
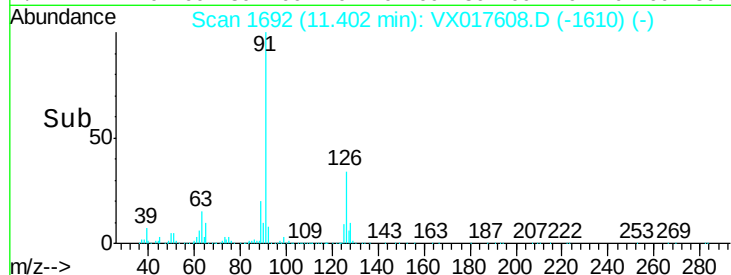
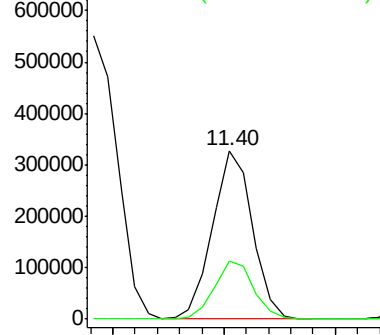
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 21.480 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX017608.D

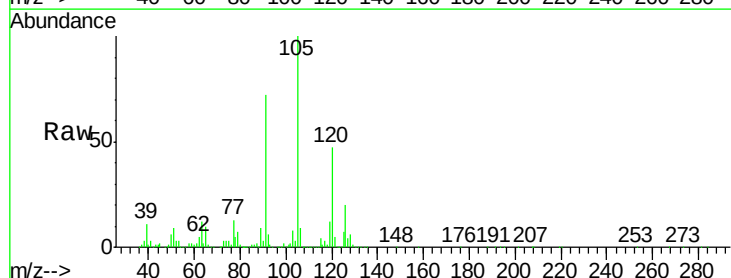
Acq: 27 Jul 2020 09:46

Tgt Ion: 105 Resp: 496229

Ion Ratio Lower Upper

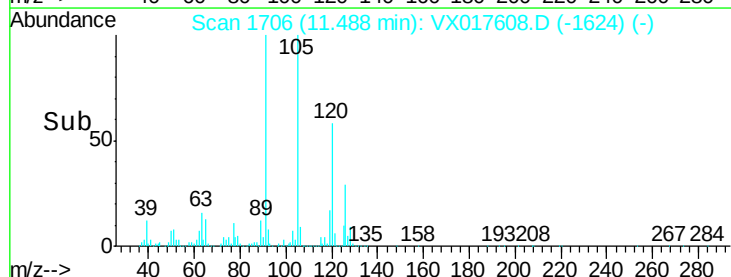
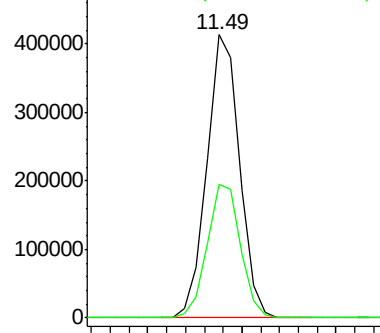
105 100

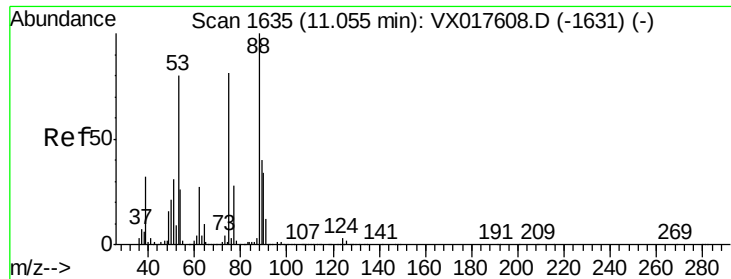
120 47.9 0.0 95.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





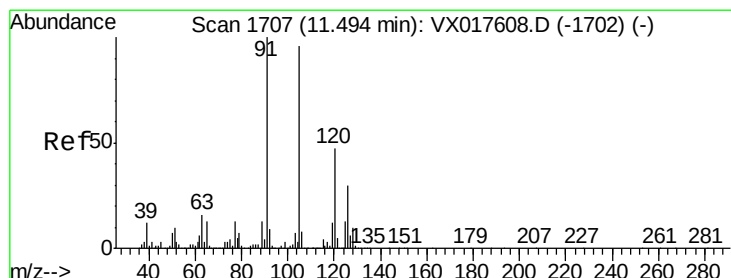
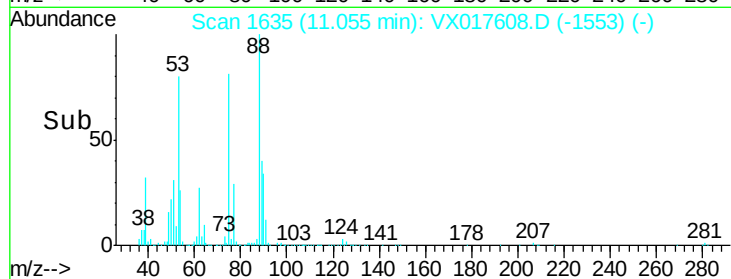
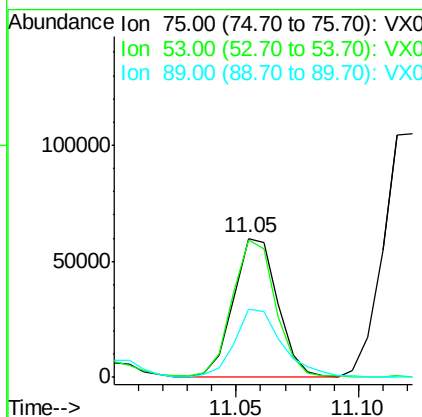
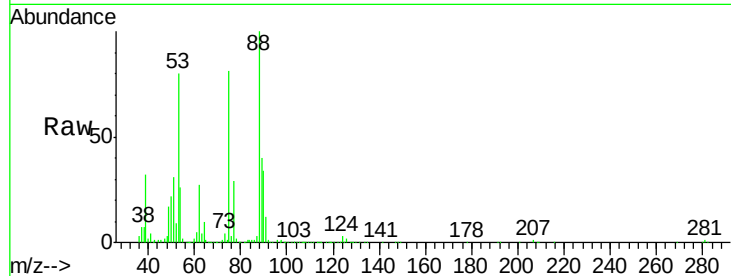
#77
t-1,4-Dichloro-2-butene
Concen: 23.300 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.0	49.0	147.0
89	48.8	24.4	73.2

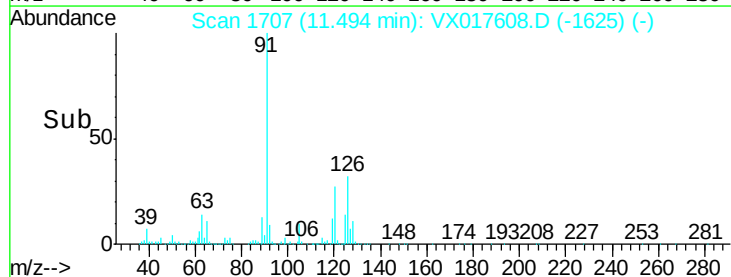
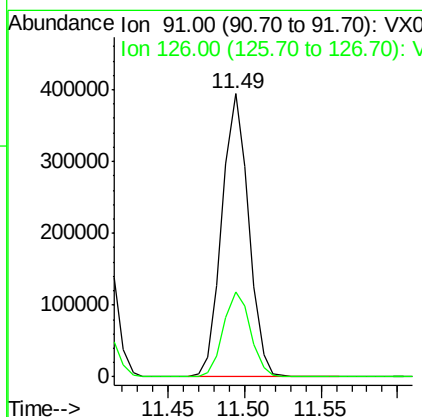
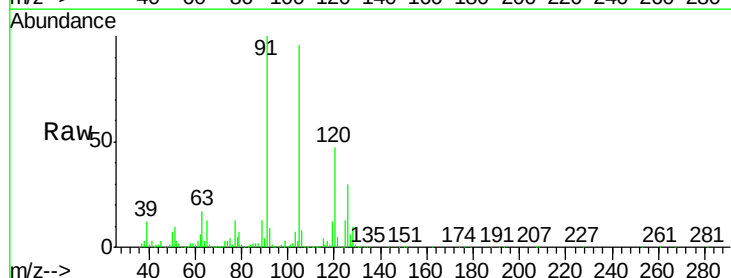
Manual Integrations
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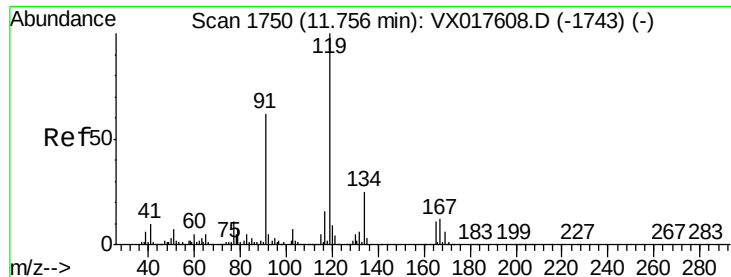
MMDadoda
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#78
4-Chlorotoluene
Concen: 21.245 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	0.0	60.8





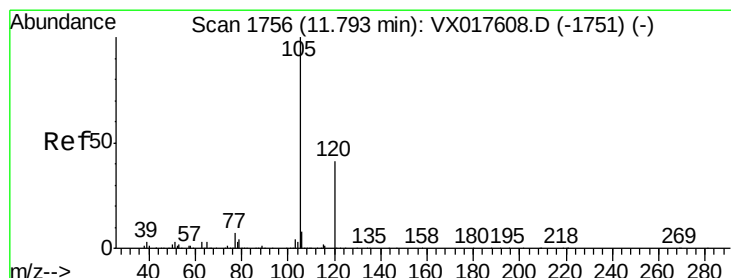
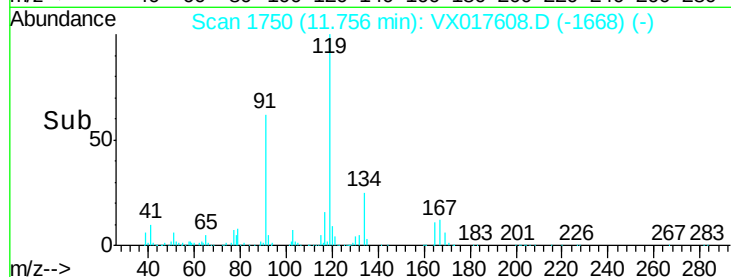
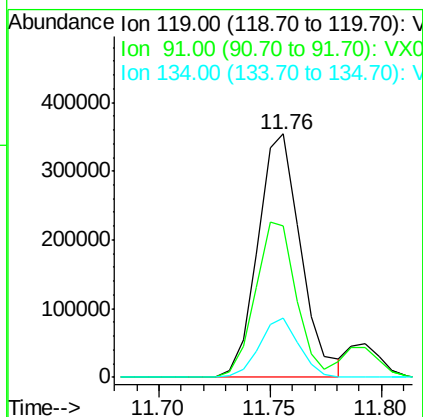
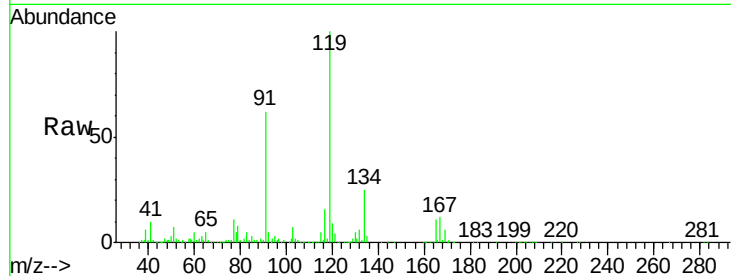
#79
tert-butylbenzene
Concen: 21.253 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	477148		
91	60.5	0.0	121.0	
134	22.5	0.0	45.0	

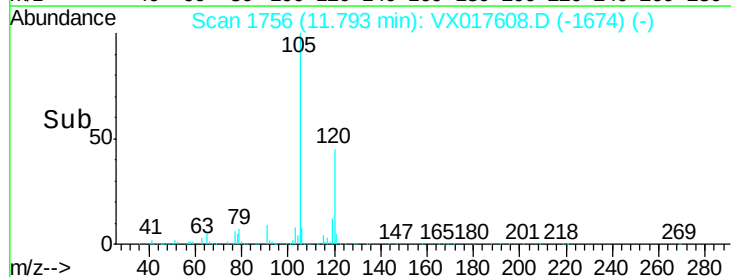
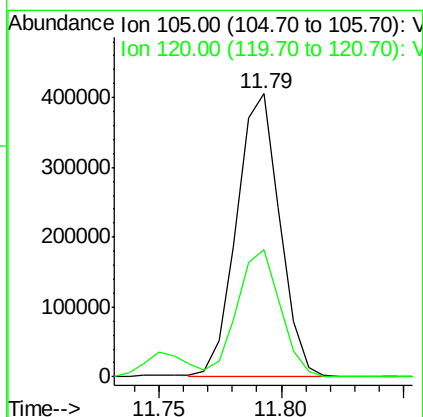
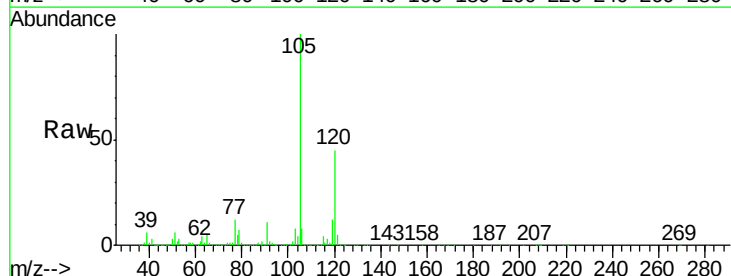
Manual Integrations
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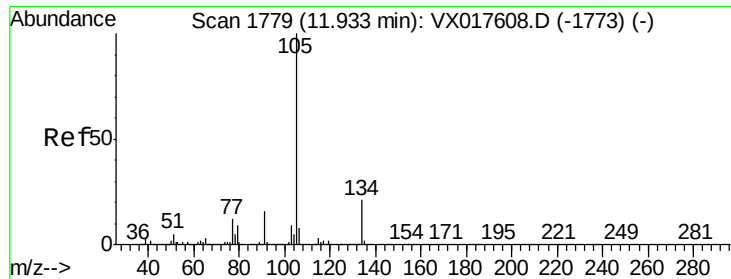
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7/28/2020 10:31:45 AM



#80
1,2,4-Trimethylbenzene
Concen: 21.285 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	494766		
120	45.0	0.0	90.0	





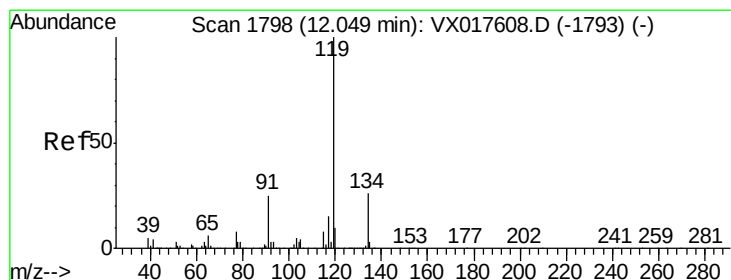
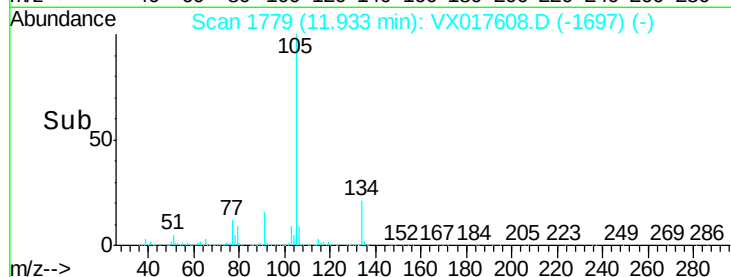
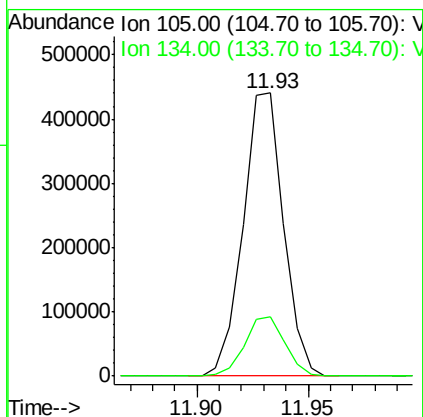
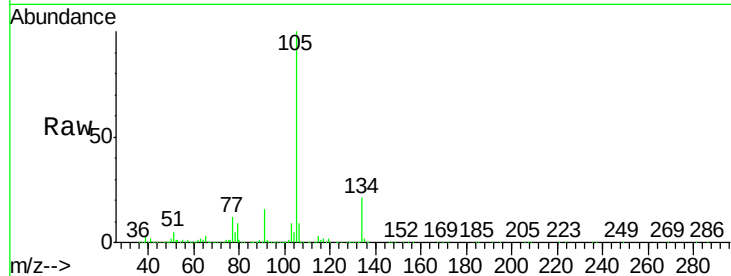
#81
 sec-Butylbenzene
 Concen: 21.566 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	559358		
134	20.9	0.0	41.8	

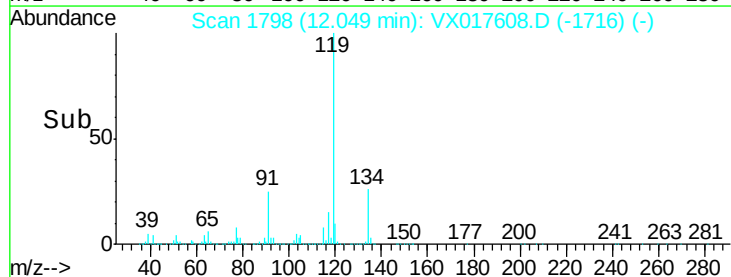
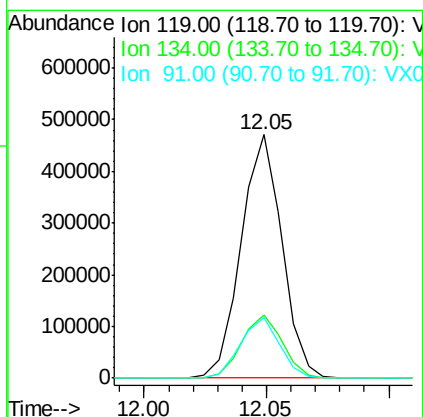
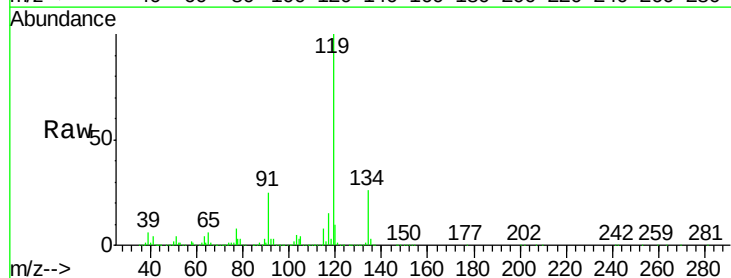
Manual Integrations
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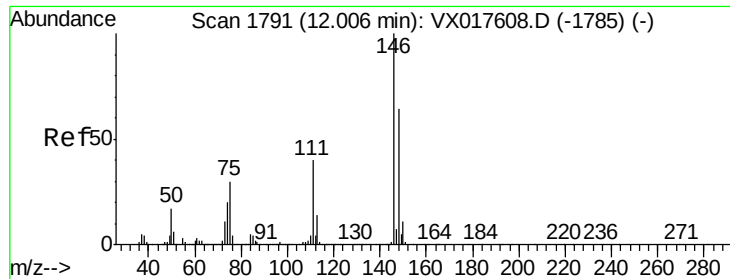
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#82
 p-Isopropyltoluene
 Concen: 22.058 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	544478		
134	26.3	0.0	52.6	
91	24.1	0.0	48.2	





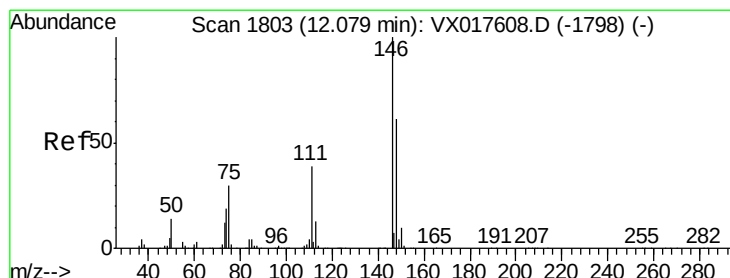
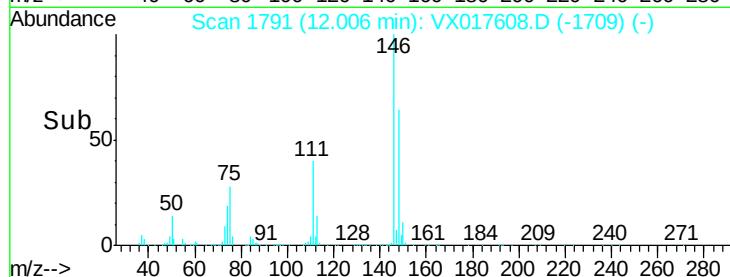
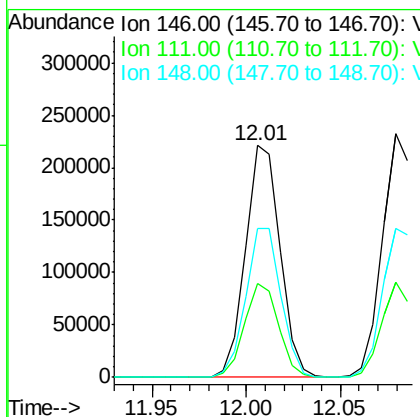
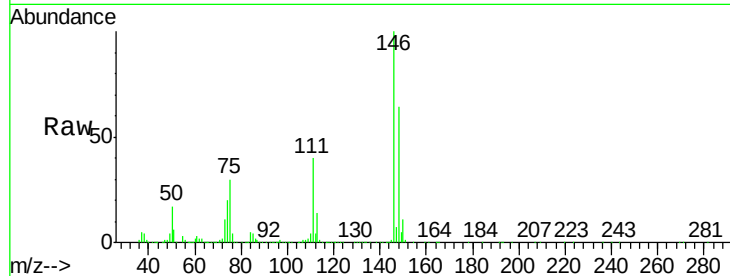
#83
 1,3-Dichlorobenzene
 Concen: 20.835 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	65.3	32.6	98.0

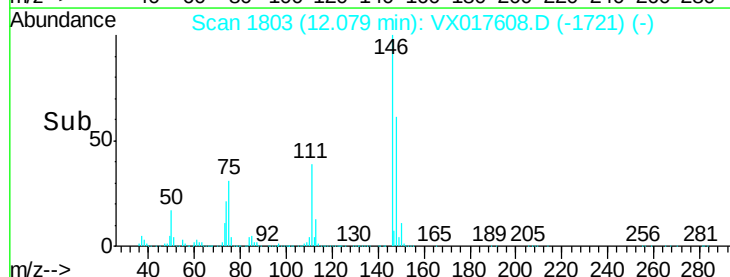
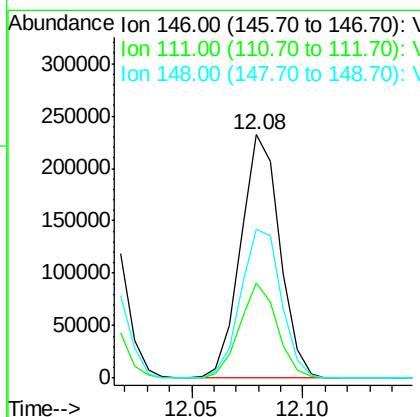
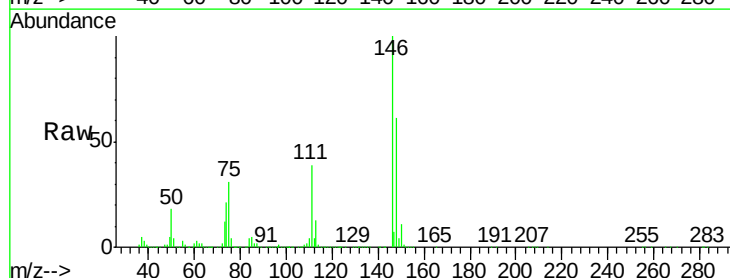
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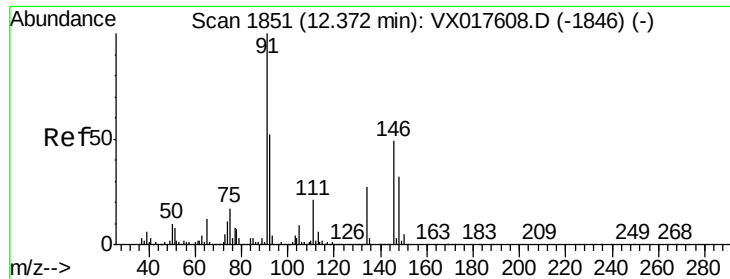
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#84
 1,4-Dichlorobenzene
 Concen: 20.782 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	63.2	31.6	94.8





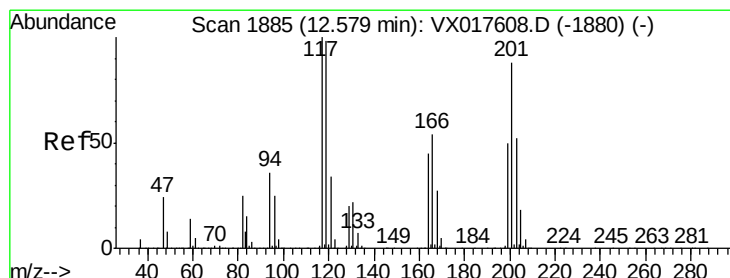
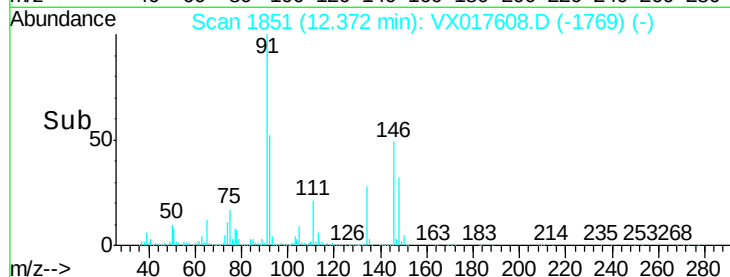
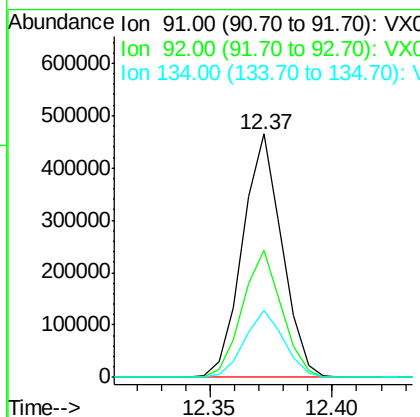
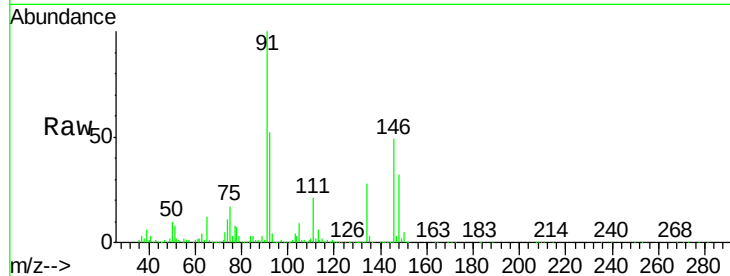
#85
n-Butylbenzene
Concen: 24.172 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	0.0	104.0
134	27.5	0.0	55.0

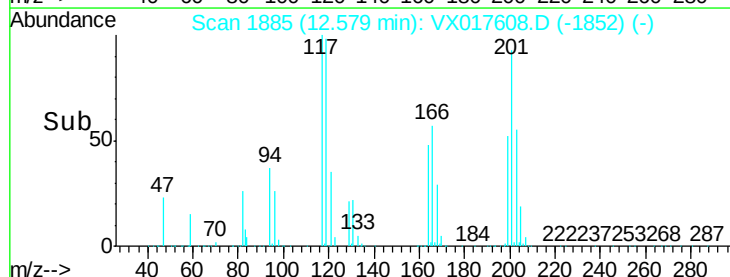
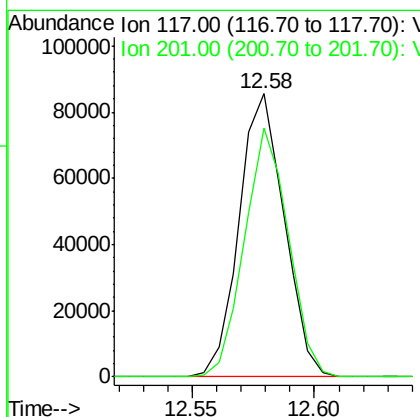
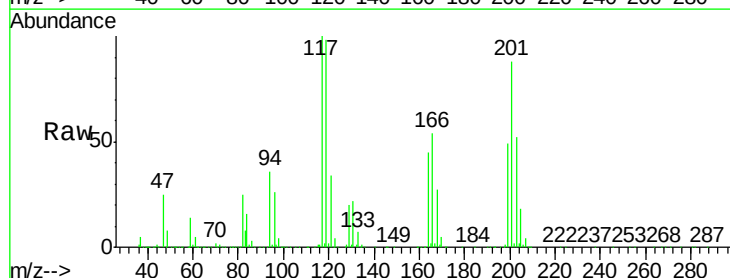
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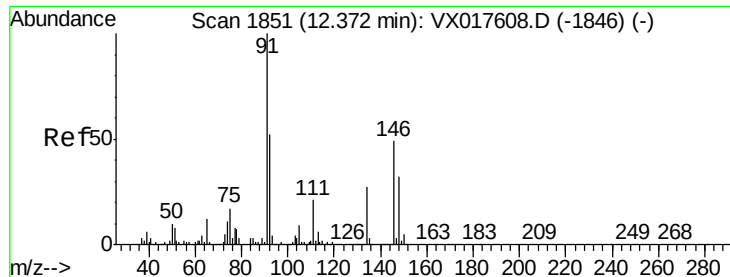
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#86
Hexachloroethane
Concen: 22.727 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.2	43.1	129.3





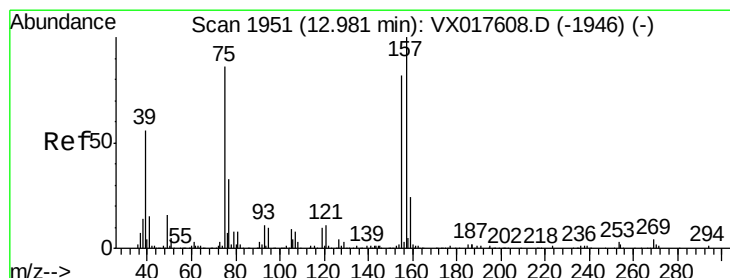
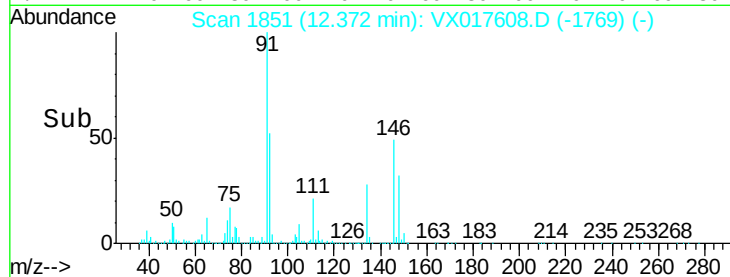
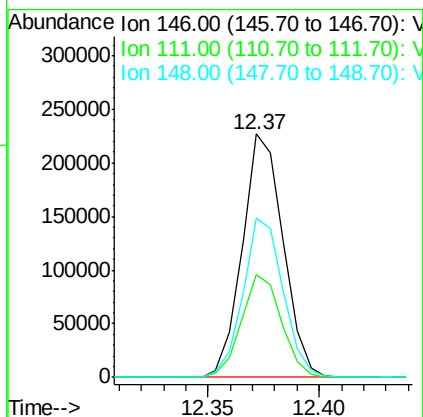
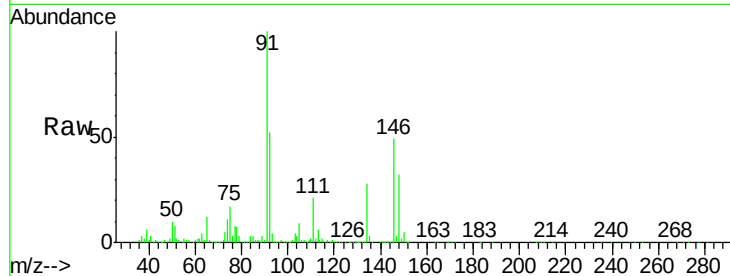
#87
 1,2-Dichlorobenzene
 Concen: 22.069 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	64.6	32.3	96.9

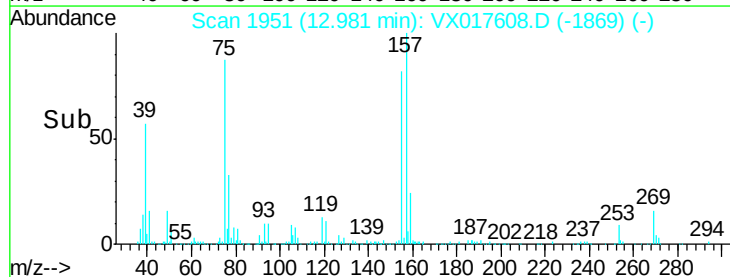
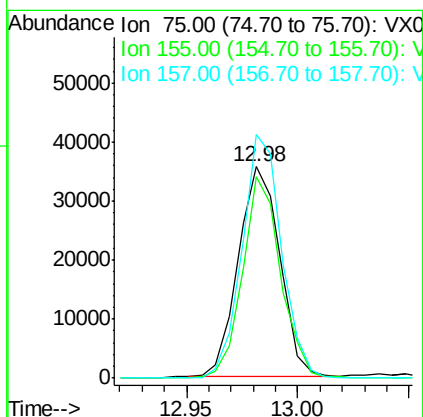
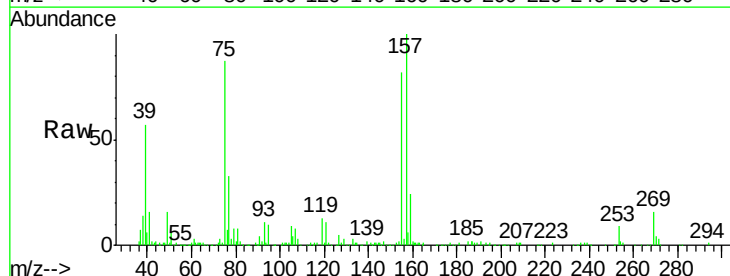
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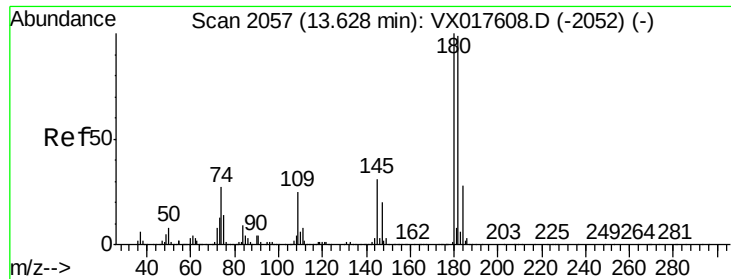
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 22.465 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.9	69.5	104.3
157	110.3	88.2	132.4





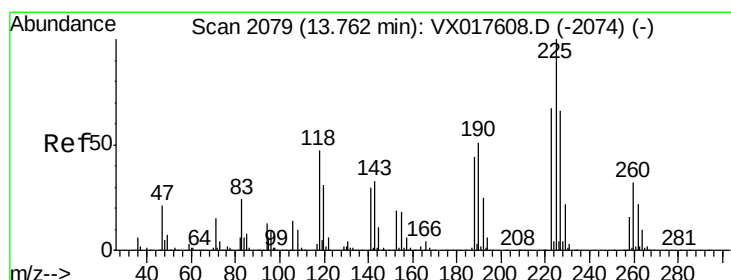
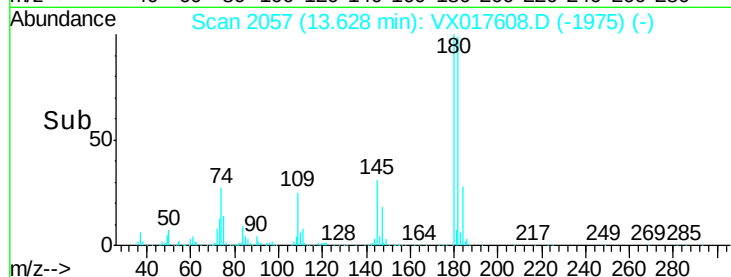
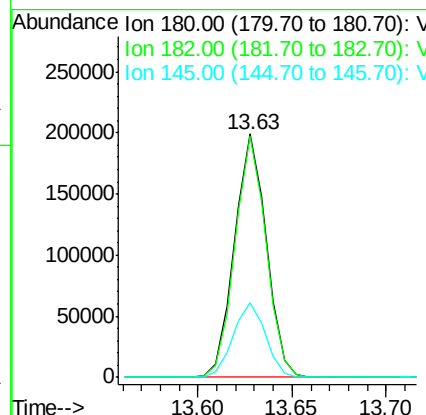
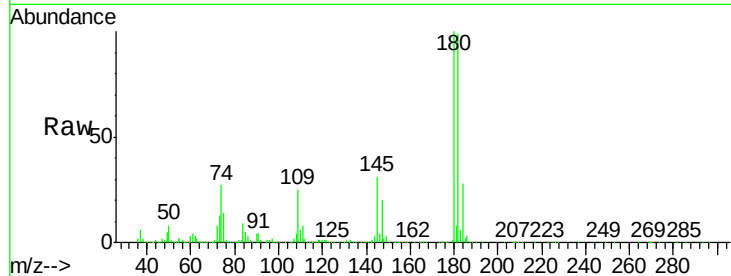
#89
 1,2,4-Trichlorobenzene
 Concen: 24.997 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	233574		
182	96.7	77.4	116.0	
145	31.1	24.9	37.3	

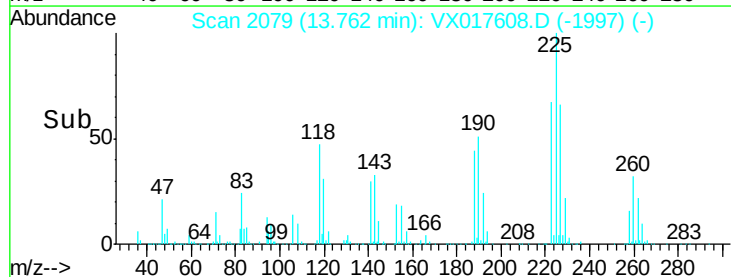
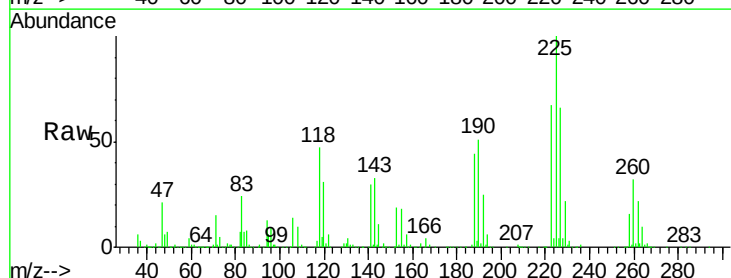
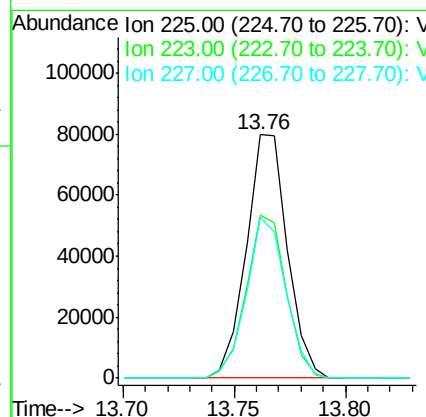
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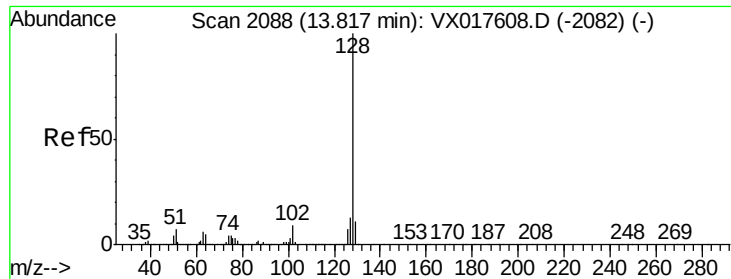
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#90
 Hexachlorobutadiene
 Concen: 26.986 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX017608.D
 Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	102907		
223	65.4	0.0	130.8	
227	63.6	0.0	127.2	





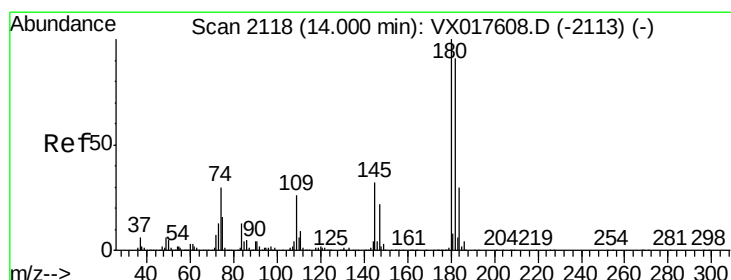
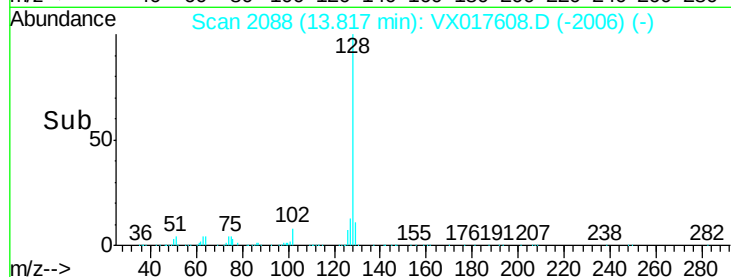
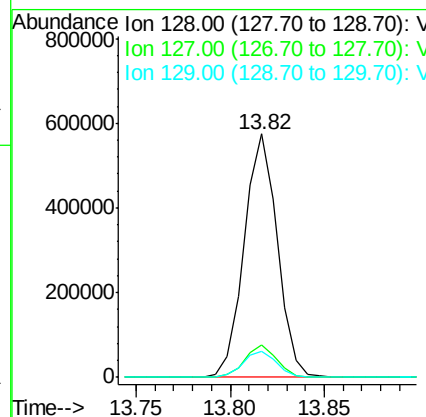
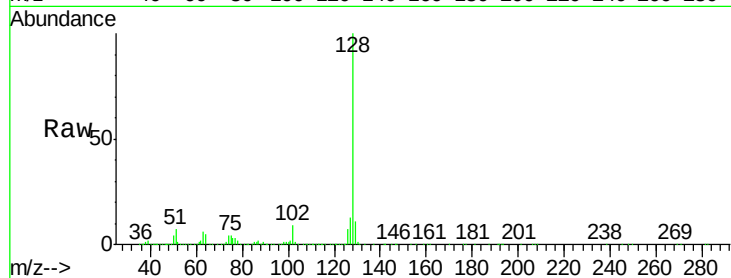
#91
Naphthalene
Concen: 24.622 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.9	8.7	13.1

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#92
1,2,3-Trichlorobenzene
Concen: 24.649 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX017608.D
Acq: 27 Jul 2020 09:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	0.0	190.2
145	31.9	0.0	63.8

