

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070920\
 Data File : VX017307.D
 Acq On : 09 Jul 2020 15:03
 Operator : JC/SP
 Sample : VX0709WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/10/2020 12:36:48 PM

Quant Time: Jul 10 06:45:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	51600	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	261516	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	247899	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	108875	29.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.87%
60) 4-Bromofluorobenzene	11.12	95	122355	28.93	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.43%
63) Toluene-d8	8.70	98	324624	30.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	44690	19.813	ug/l 98
3) Chloromethane	1.31	50	48192	20.055	ug/l 98
4) Vinyl Chloride	1.39	62	46183	18.651	ug/l 99
5) Bromomethane	1.64	94	34077	20.648	ug/l 94
6) Chloroethane	1.72	64	30204	18.448	ug/l 98
7) Trichlorofluoromethane	1.92	101	83258	18.929	ug/l 95
8) Diethyl Ether	2.17	74	28895	18.517	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48547	20.186	ug/l 97
10) 1,1-Dichloroethene	2.36	96	44770	18.881	ug/l 96
11) Methyl Iodide	2.50	142	45007	16.119	ug/l 98
12) Methyl Acetate	2.75	43	62912	19.041	ug/l 99
13) Acrolein	2.27	56	39674	92.857	ug/l 98
14) Acrylonitrile	3.12	53	142434	95.547	ug/l 98
15) Acetone	2.42	58	34672	92.224	ug/l 96
16) Carbon Disulfide	2.55	76	124285	19.324	ug/l 96
17) Allyl chloride	2.71	41	81631	18.505	ug/l 95
18) Methylene Chloride	2.84	84	54169	18.548	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	52728	19.019	ug/l 97
20) Diisopropyl ether	3.82	45	169453	19.214	ug/l 97
21) 1,1-Dichloroethane	3.67	63	94372	19.091	ug/l 98
22) cis-1,2-Dichloroethene	4.57	96	60282	19.059	ug/l 99
23) tert-Butyl Alcohol	3.01	59	55522	90.262	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	169350	18.707	ug/l 100
25) Chloroform	5.18	83	100294	19.042	ug/l 93
26) Cyclohexane	5.56	56	77198	20.045	ug/l # 100
29) 1,1-Dichloropropene	5.77	75	70499	19.549	ug/l 98
30) 2-Butanone	4.64	43	188969	95.799	ug/l 99
31) 2,2-Dichloropropane	4.55	77	84938	18.800	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	91022	19.386	ug/l 98
33) Carbon Tetrachloride	5.76	117	83415	19.266	ug/l 95
34) Benzene	6.12	78	208197	19.402	ug/l 96
35) Methacrylonitrile	5.01	41	43138	19.533	ug/l 98
36) 1,2-Dichloroethane	6.17	62	79553	18.824	ug/l 99
37) Trichloroethene	7.19	130	62577	19.389	ug/l 95
38) Methylcyclohexane	7.44	83	76206	20.053	ug/l 99
39) 1,2-Dichloropropane	7.49	63	54713	19.513	ug/l 99
40) Dibromomethane	7.64	93	39132	19.372	ug/l 100

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Manual Integrations
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 7/10/2020 12:36:48 PM

Quant Time: Jul 10 06:45:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 09 12:25:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.88	83	81153	19.250	ug/l	97
42) Vinyl Acetate	3.79	43	728825	96.683	ug/l	100
43) Ethyl Acetate	4.79	43	73664	18.985	ug/l #	84
44) Isopropyl Acetate	6.42	43	121824	18.871	ug/l	99
45) 1,4-Dioxane	7.71	88	22206	360.869	ug/l	96
46) Methyl methacrylate	7.74	41	58995	18.759	ug/l	98
47) n-amyl Acetate	10.88	43	102405	17.915	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	83014	17.837	ug/l	94
49) cis-1,3-Dichloropropene	8.42	75	91688	18.827	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	55092	18.409	ug/l	97
51) Ethyl methacrylate	9.16	69	79392	18.209	ug/l	97
52) 1,3-Dichloropropane	9.35	76	93887	19.260	ug/l	99
53) Dibromochloromethane	9.56	129	65464	17.920	ug/l	95
54) 1,2-Dibromoethane	9.65	107	60983	19.058	ug/l	95
55) 2-Chloroethyl vinyl ether	8.29	63	223812	106.689	ug/l	99
56) Bromoform	10.84	173	49327	17.310	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	386022	98.275	ug/l	99
59) 2-Hexanone	9.47	43	286538	95.693	ug/l	99
61) Tetrachloroethene	9.32	164	63443	20.090	ug/l	98
62) Toluene	8.76	91	227475	19.383	ug/l	100
64) Chlorobenzene	10.12	112	146172	18.668	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	59660	18.649	ug/l	99
66) Ethyl Benzene	10.23	91	249406	18.885	ug/l	99
67) m/p-Xylenes	10.34	106	193243	37.876	ug/l	98
68) o-Xylene	10.68	106	90376	18.641	ug/l	95
69) Styrene	10.70	104	158507	18.434	ug/l	98
70) Isopropylbenzene	11.00	105	250253	18.816	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	80136	19.213	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	78989m	19.279	ug/l	
73) Bromobenzene	11.24	156	70372	18.833	ug/l	97
74) n-propylbenzene	11.34	91	285323	18.519	ug/l	99
75) 2-Chlorotoluene	11.40	91	173862	18.511	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	211345	18.523	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	28224	18.066	ug/l	96
78) 4-Chlorotoluene	11.49	91	205220	18.431	ug/l	100
79) tert-butylbenzene	11.76	119	207195	18.713	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	217419	18.887	ug/l	99
81) sec-Butylbenzene	11.93	105	238518	18.689	ug/l	100
82) p-Isopropyltoluene	12.05	119	223085	18.486	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	123740	18.401	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	126623	18.609	ug/l	98
85) n-Butylbenzene	12.37	91	185863	18.228	ug/l	99
86) Hexachloroethane	12.58	117	42910	18.380	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	120245	18.699	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	18878	18.681	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	79637	18.260	ug/l	97
90) Hexachlorobutadiene	13.76	225	34428	19.679	ug/l	95
91) Naphthalene	13.82	128	237685	17.776	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	77878	17.954	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

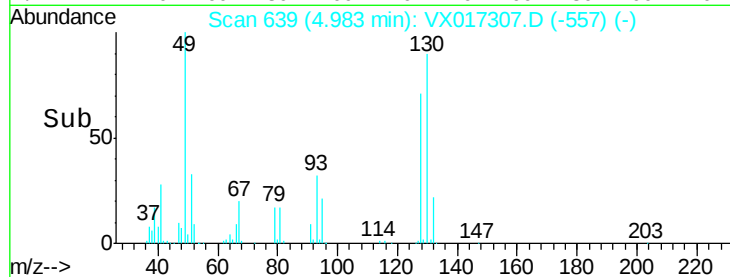
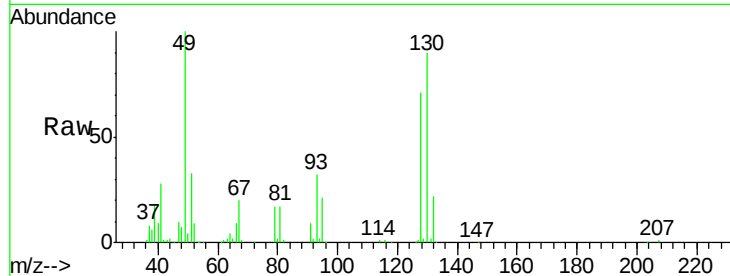
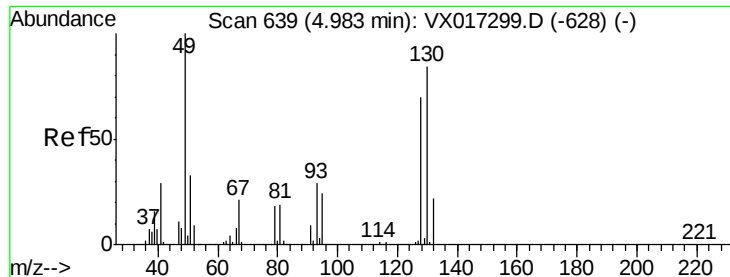
Manual Integrations
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7/10/2020 12:36:48 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X070920W.M
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QLast Update : Thu Jul 09 12:25:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



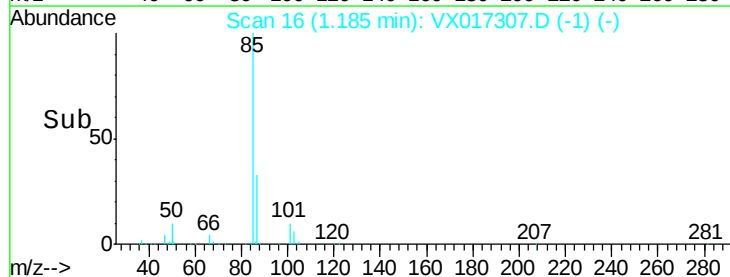
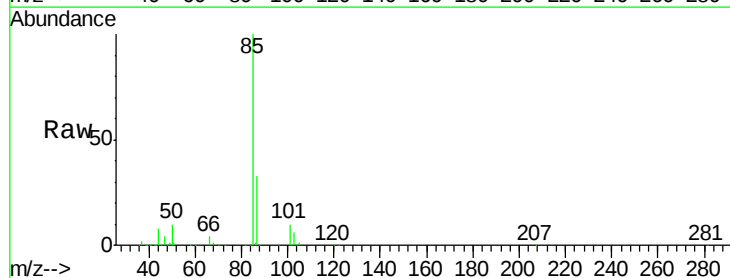
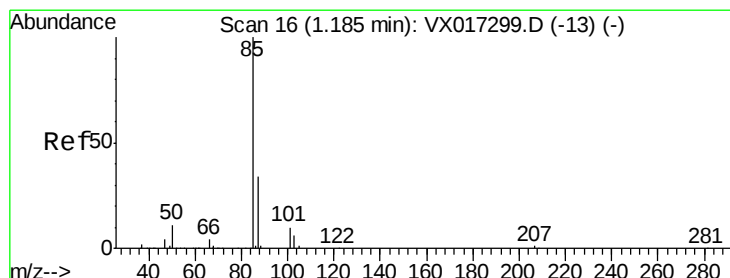
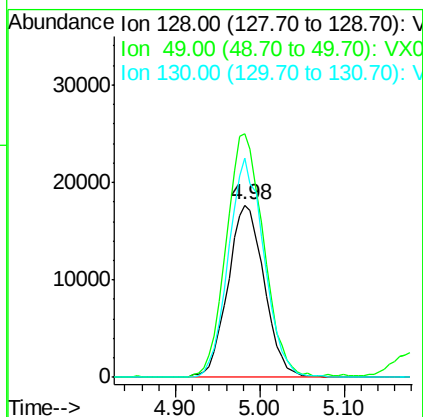
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tot Ion	Ratio	Resp	Lower	Upper
128	100	51600		
49	145.9	0.0	358.8	
130	125.3	0.0	323.8	

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

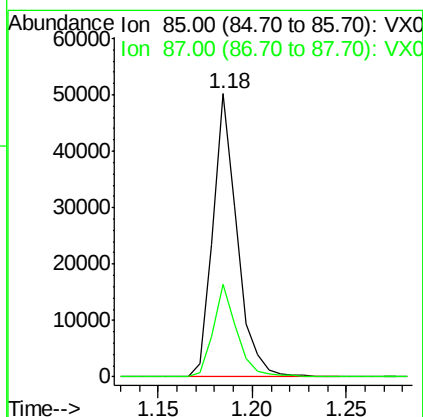
Manual Integrations
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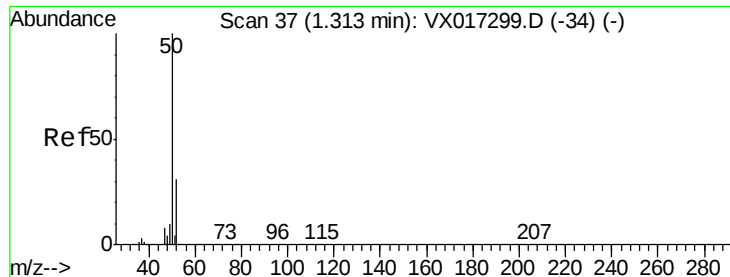
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#2
Dichlorodifluoromethane
Concen: 19.813 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	44690		
87	32.5	16.9	50.6	





#3

Chloromethane

Concen: 20.055 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

Tot Ion: 50 Resp: 48192

Ion Ratio Lower Upper

50 100

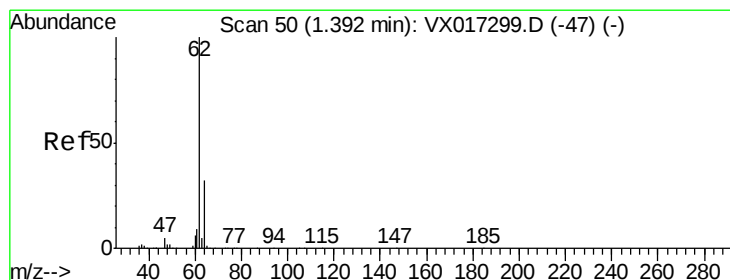
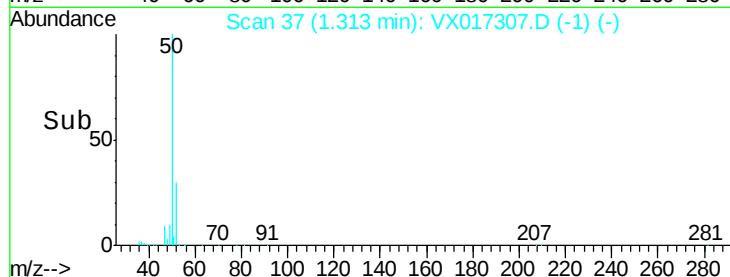
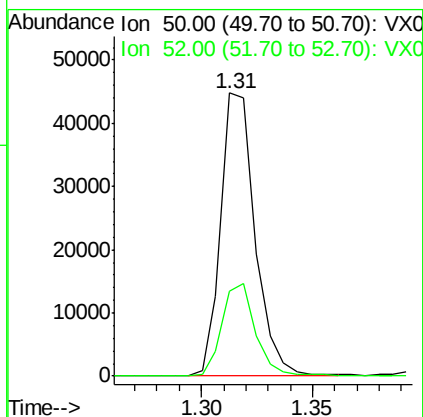
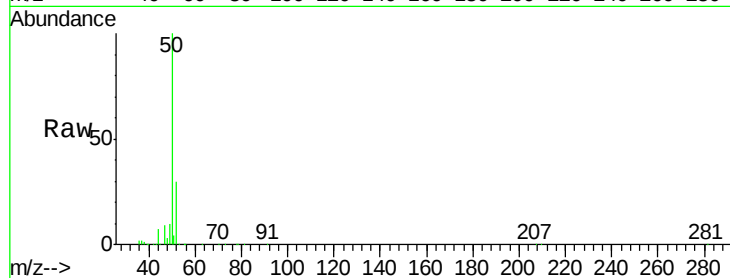
52 30.0 24.8 37.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.651 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017307.D

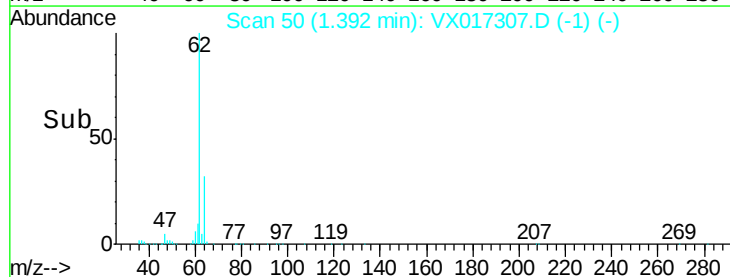
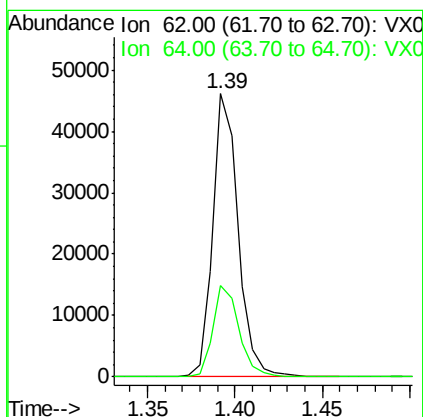
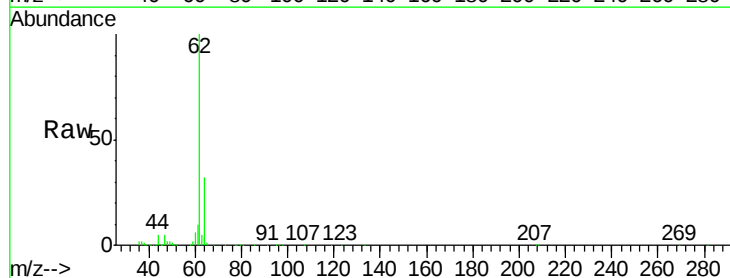
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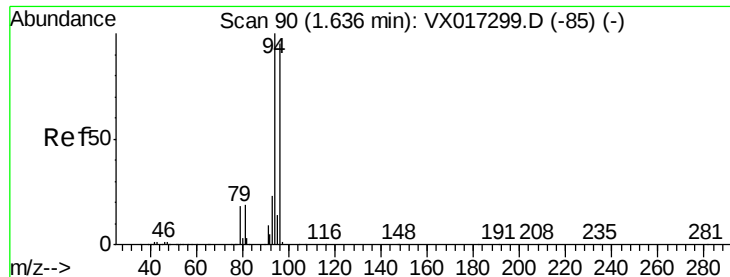
Tgt Ion: 62 Resp: 46183

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9





#5

Bromomethane

Concen: 20.648 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

Tot Ion: 94 Resp: 34077

Ion Ratio Lower Upper

94 100

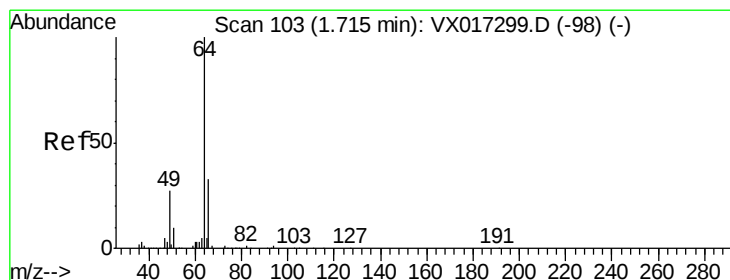
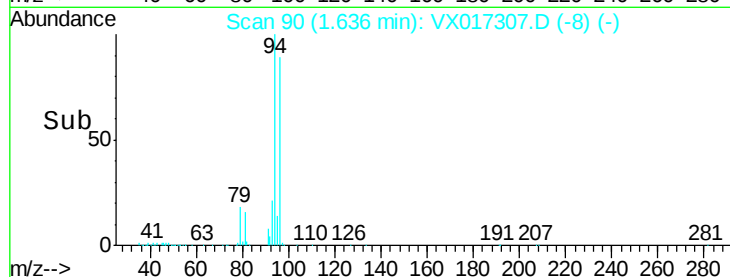
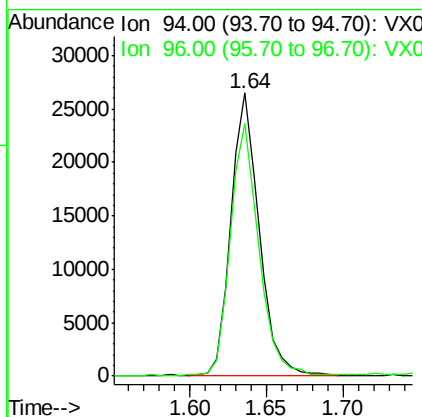
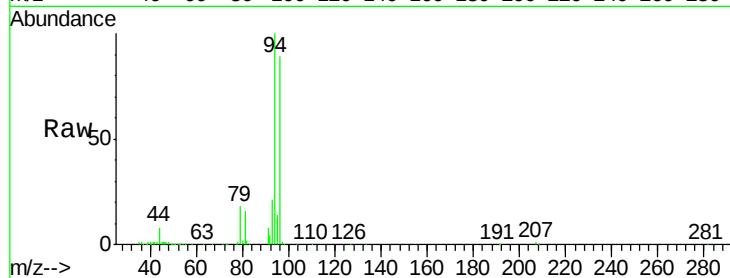
96 88.5 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 18.448 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX017307.D

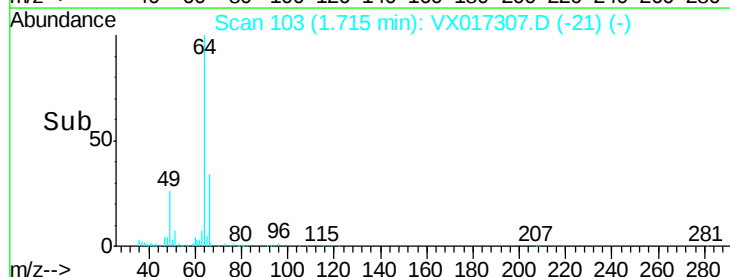
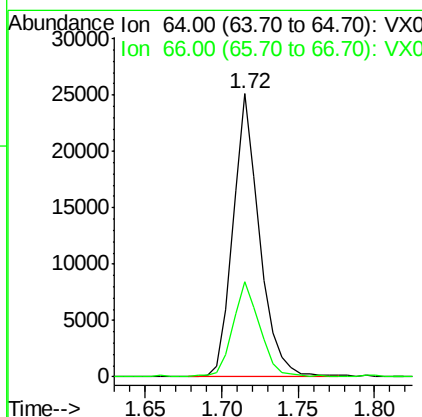
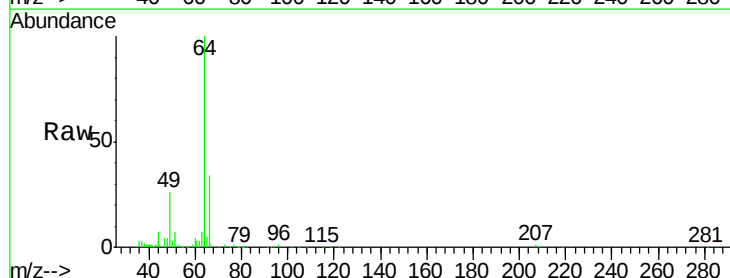
Acq: 09 Jul 2020 15:03

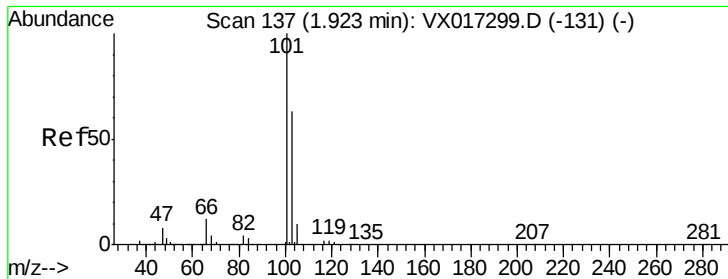
Tgt Ion: 64 Resp: 30204

Ion Ratio Lower Upper

64 100

66 33.7 26.1 39.1





#7

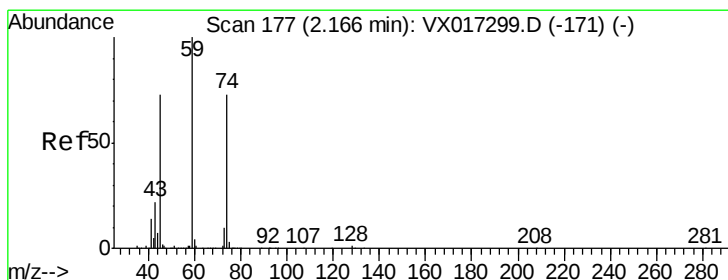
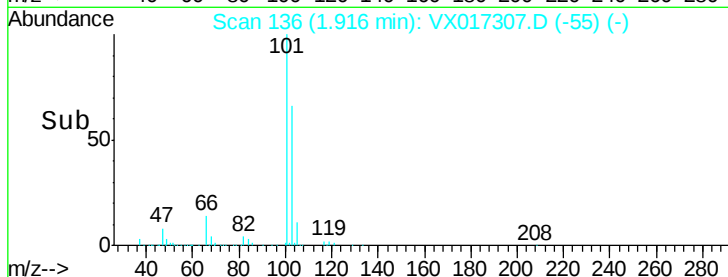
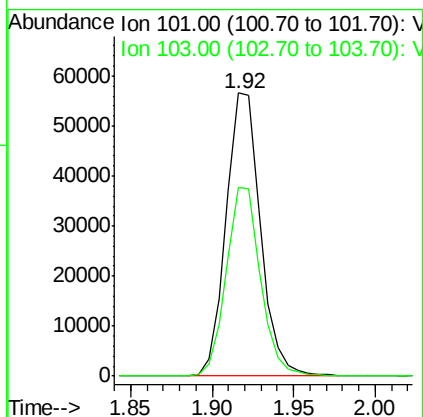
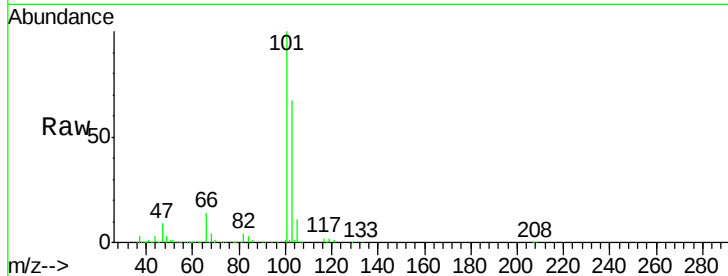
Trichlorofluoromethane
 Concen: 18.929 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	50.1	75.1

Manual Integrations
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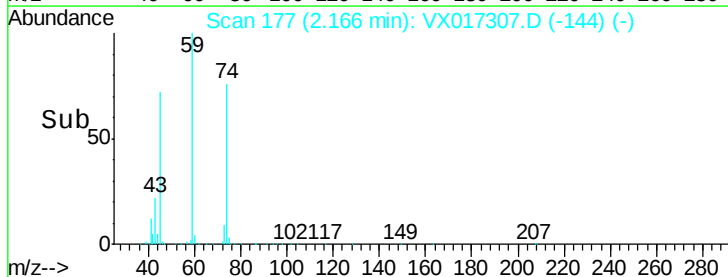
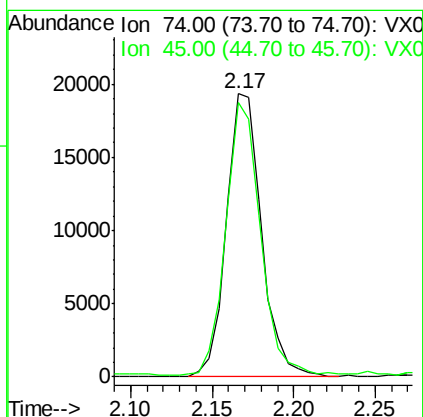
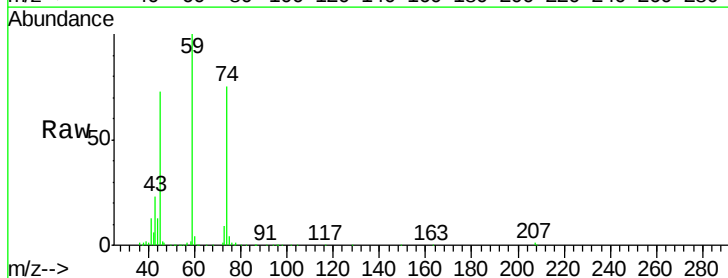
MMDadoda
 7/10/2020 12:36:48 PM

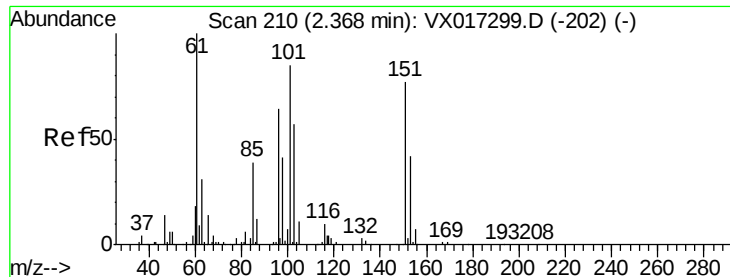


#8

Diethyl Ether
 Concen: 18.517 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.9	18.9	170.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.186 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

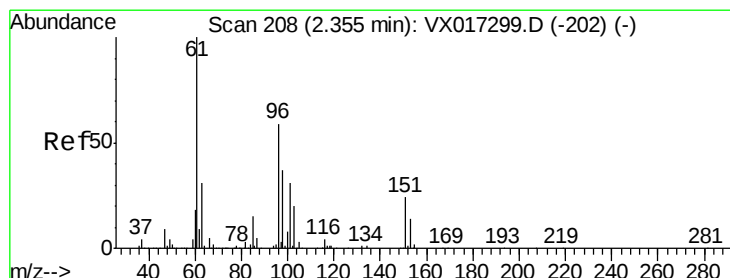
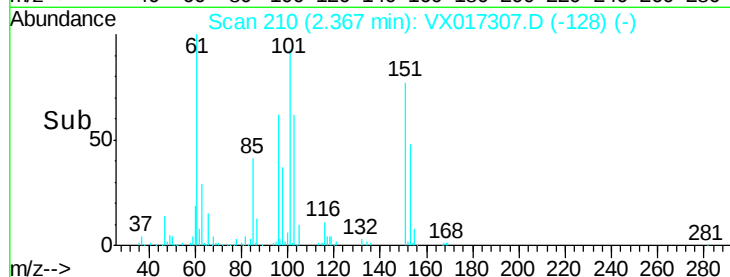
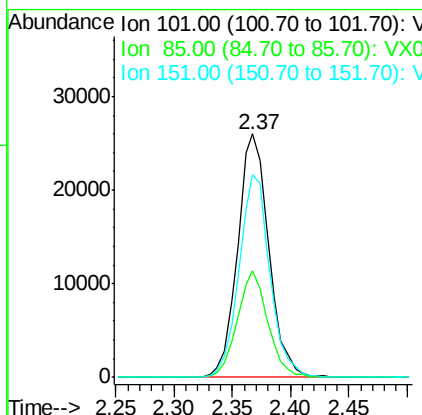
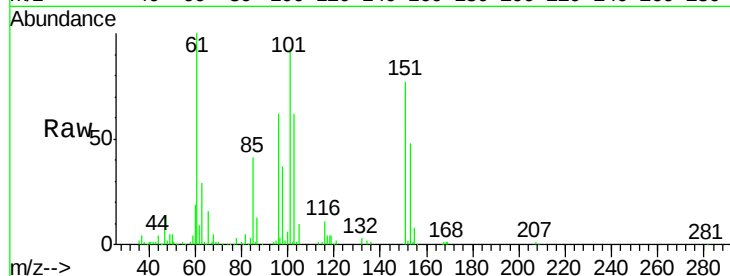
ClientSampleId :

VX0709WBS01

Tot Ion:	101	Resp:	48547
Ion Ratio	Lower	Upper	
101	100		
85	42.7	0.0	87.8
151	82.2	0.0	170.2

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.881 ug/l

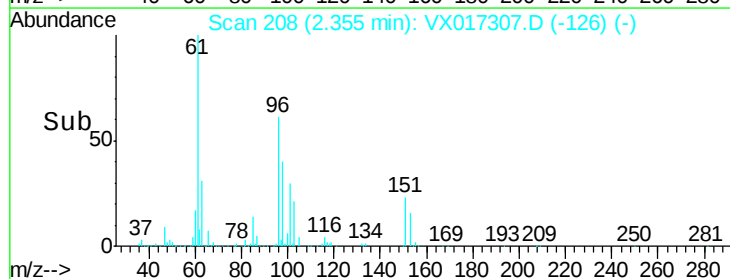
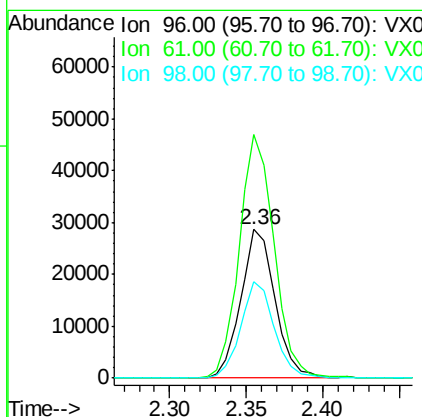
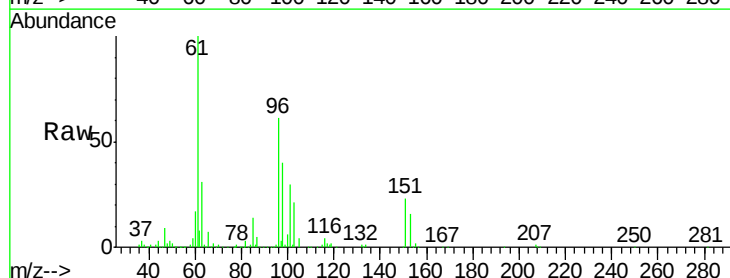
RT: 2.36 min Scan# 208

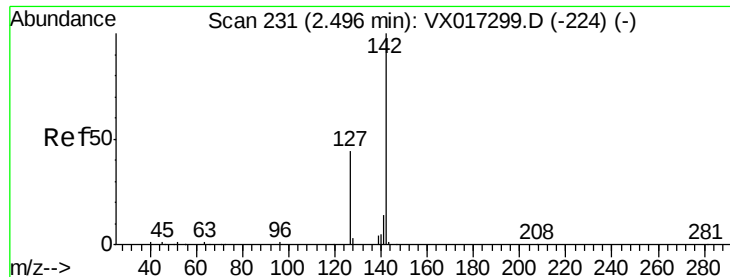
Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Tgt Ion:	96	Resp:	44770
Ion Ratio	Lower	Upper	
96	100		
61	163.6	137.0	205.4
98	64.9	51.1	76.7





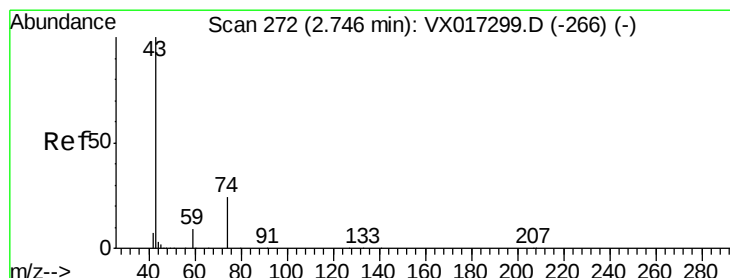
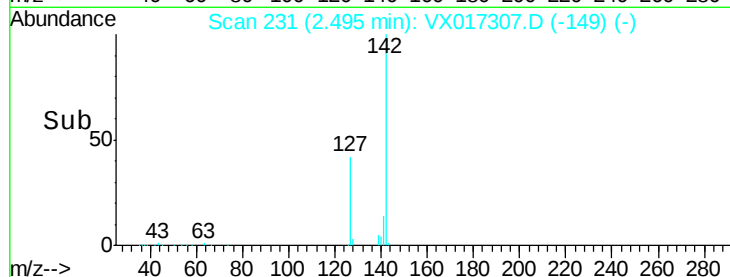
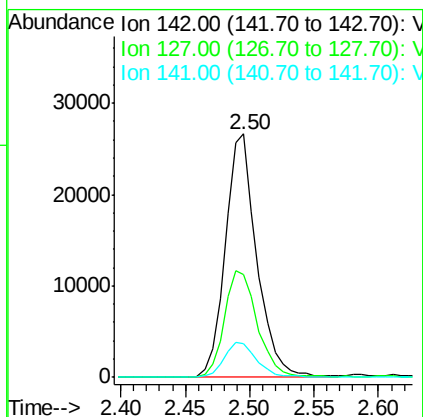
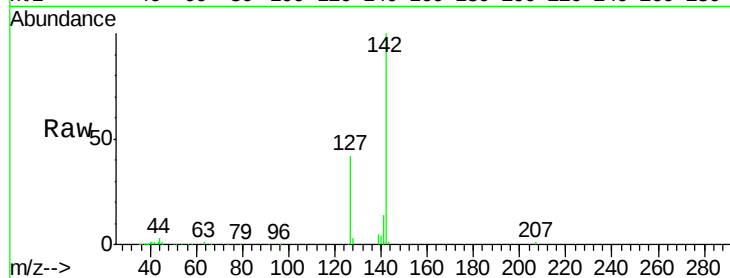
#11
Methvl Iodide
Concen: 16.119 ug/l
RT: 2.50 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	42.2	21.9	65.7
141	13.7	7.0	21.1

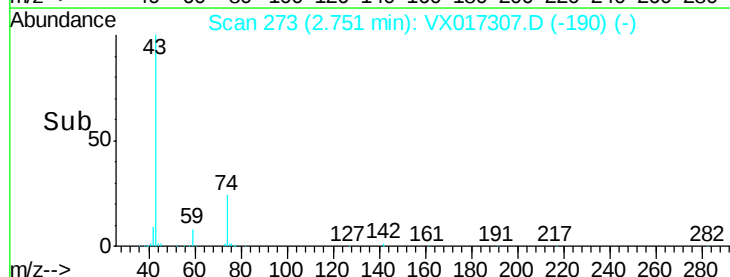
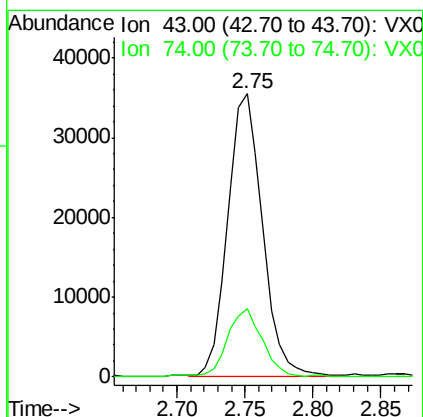
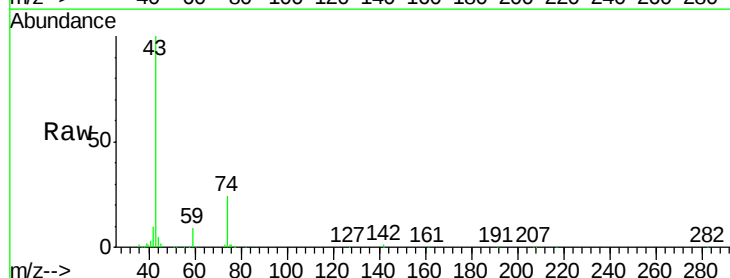
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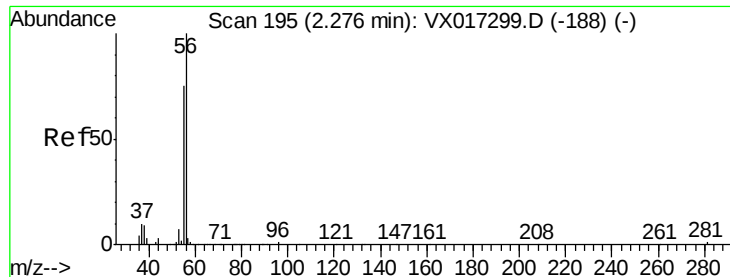
MMDadoda
7/10/2020 12:36:48 PM



#12
Methyl Acetate
Concen: 19.041 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	18.8	28.2





#13

Acrolein

Concen: 92.857 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

Tot Ion: 56 Resp: 39674

Ion Ratio Lower Upper

56 100

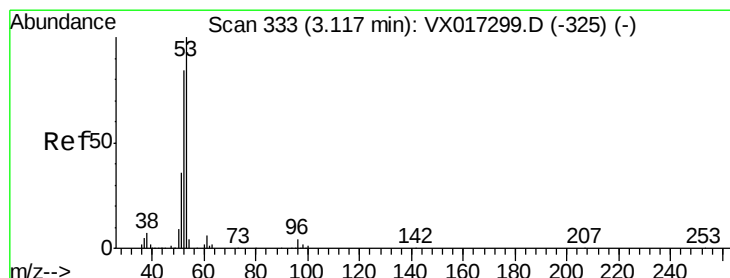
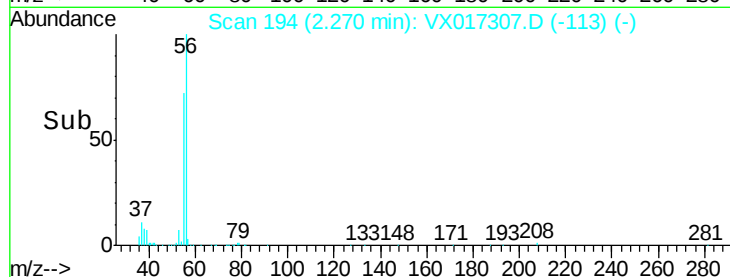
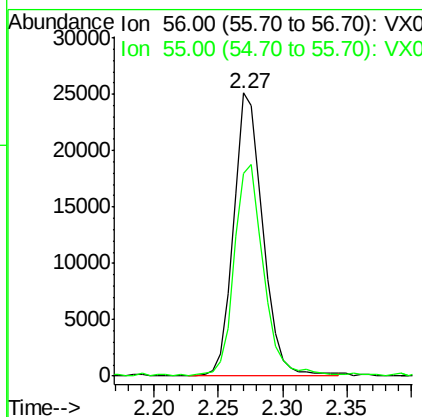
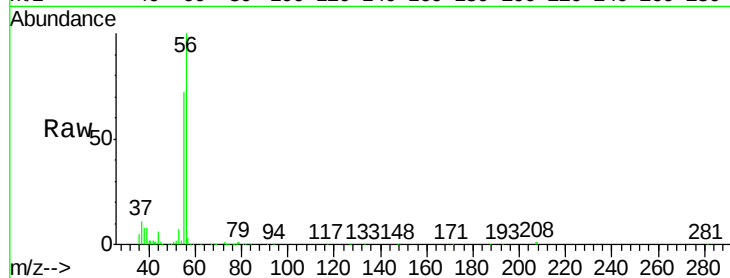
55 75.1 58.5 87.7

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#14

Acrylonitrile

Concen: 95.547 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

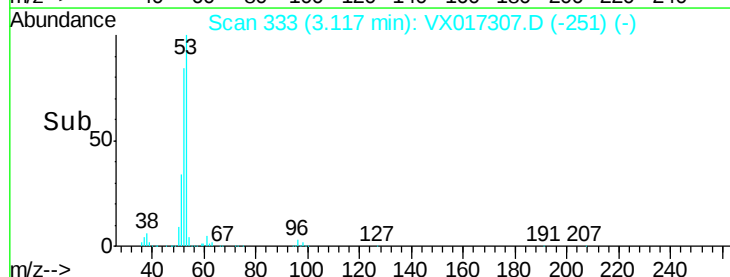
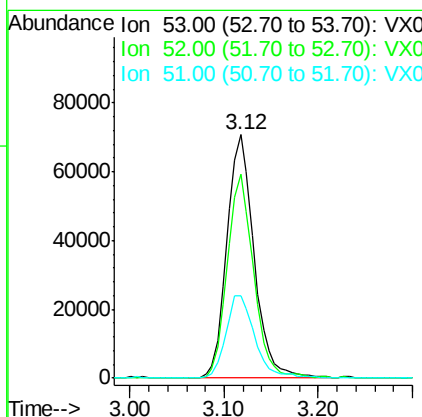
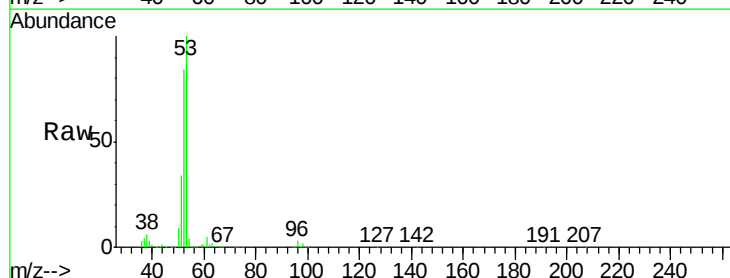
Tgt Ion: 53 Resp: 142434

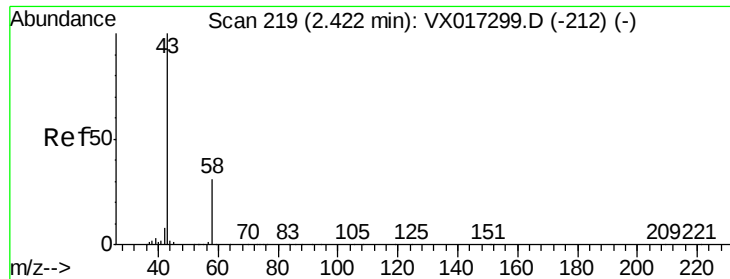
Ion Ratio Lower Upper

53 100

52 81.0 41.3 123.9

51 34.9 18.1 54.1





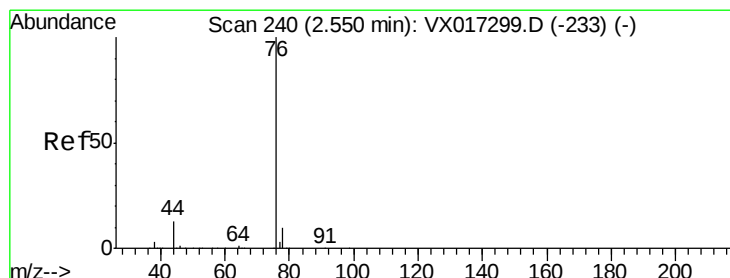
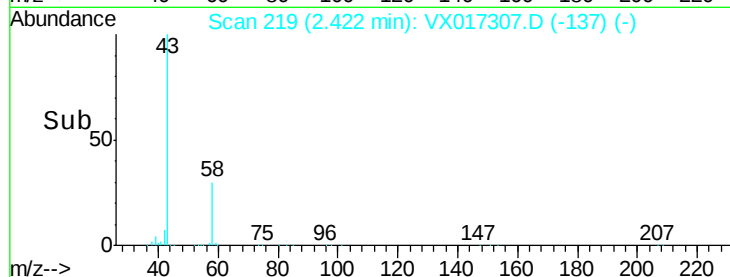
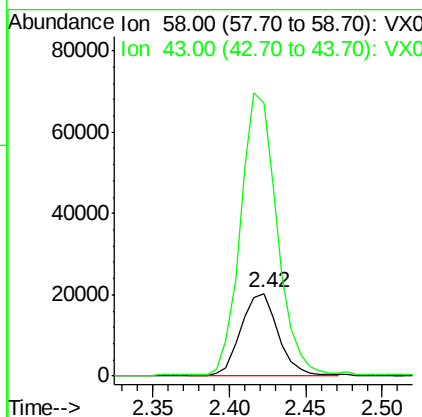
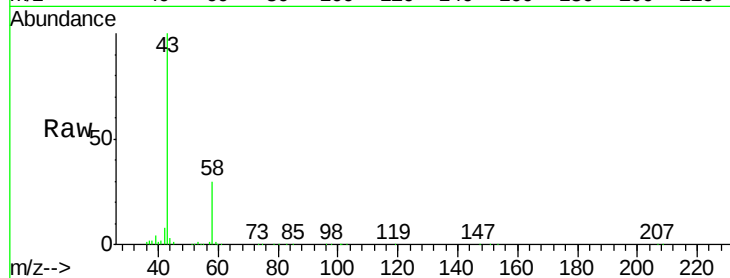
#15
Acetone
Concen: 92.224 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion: 58 Resp: 34672
Ion Ratio Lower Upper
58 100
43 327.4 255.0 382.4

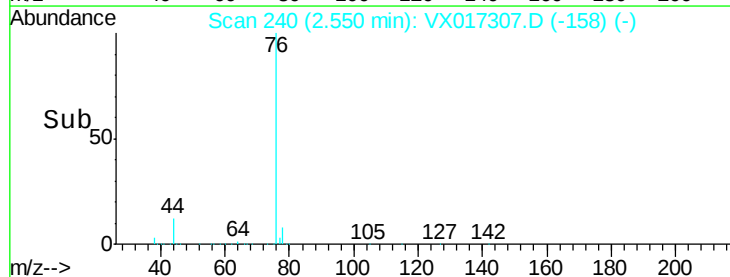
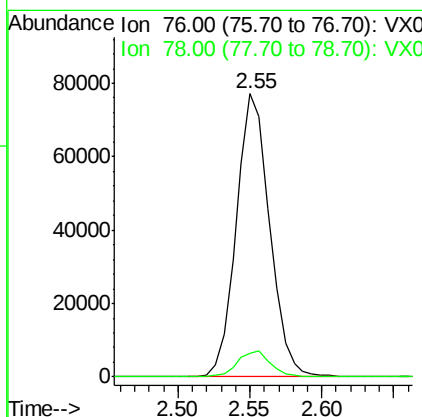
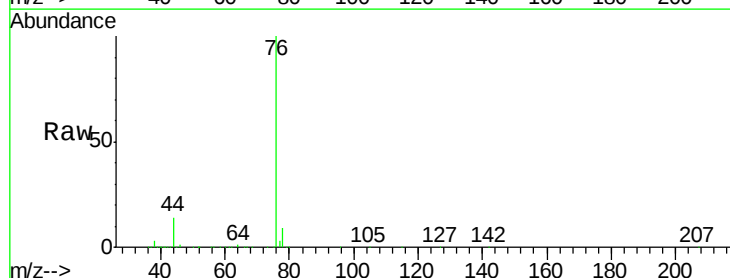
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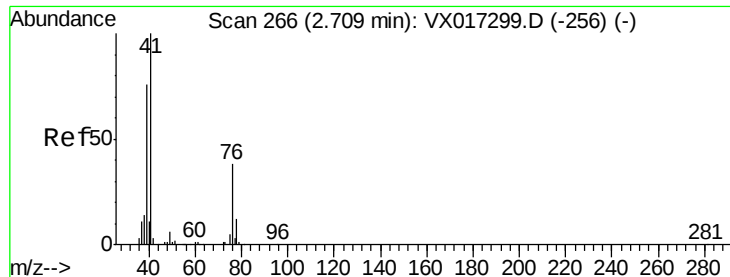
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#16
Carbon Disulfide
Concen: 19.324 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 76 Resp: 124285
Ion Ratio Lower Upper
76 100
78 8.5 7.9 11.9





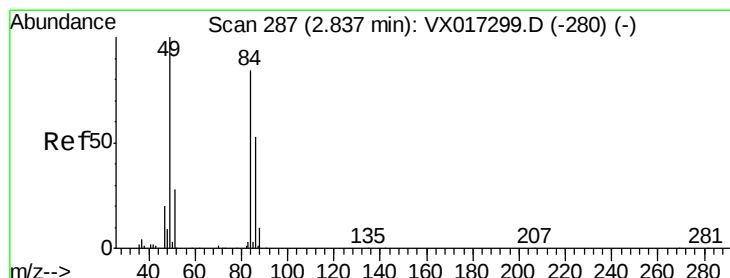
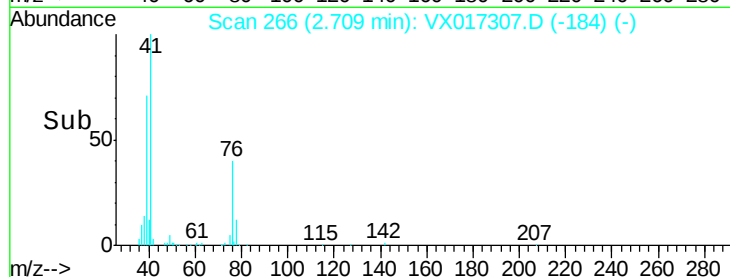
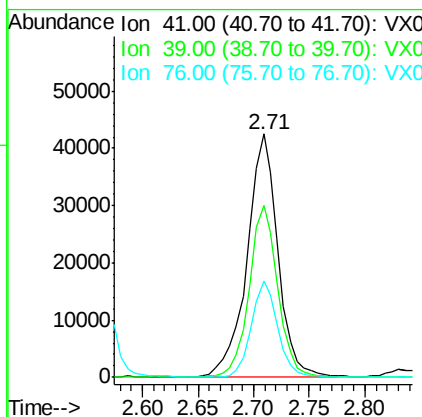
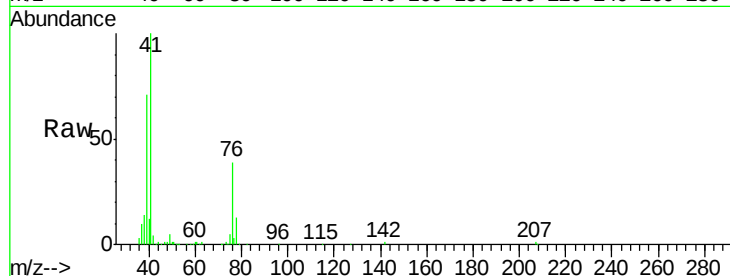
#17
Allvl chloride
Concen: 18.505 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.6	38.1	114.5
76	39.2	18.8	56.4

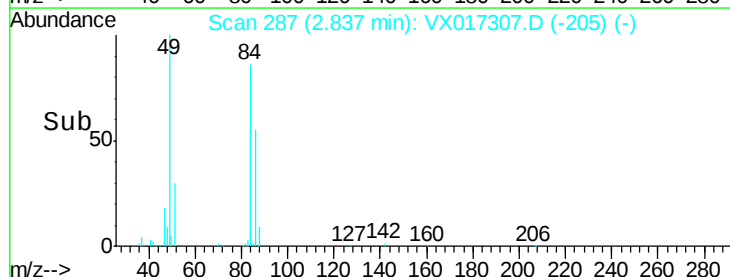
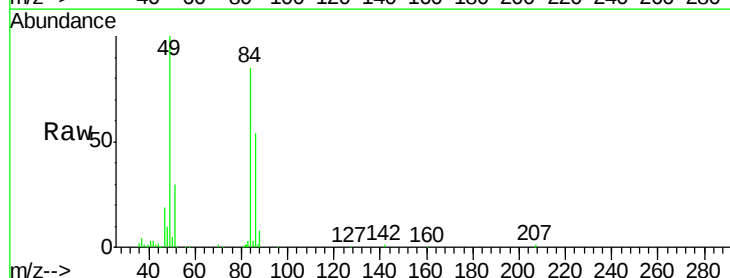
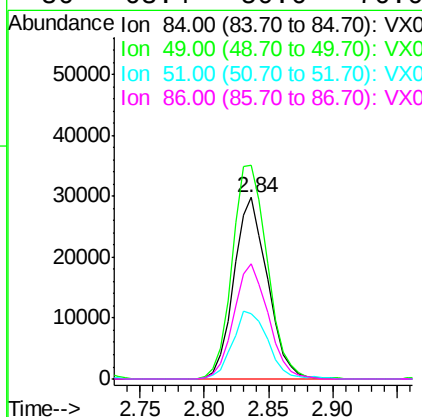
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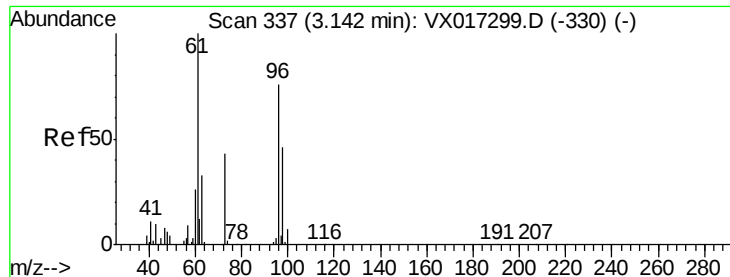
MMDadoda
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#18
Methylene Chloride
Concen: 18.548 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.5	95.7	143.5
51	35.6	27.2	40.8
86	63.4	50.6	76.0





#19

trans-1,2-Dichloroethene

Concen: 19.019 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

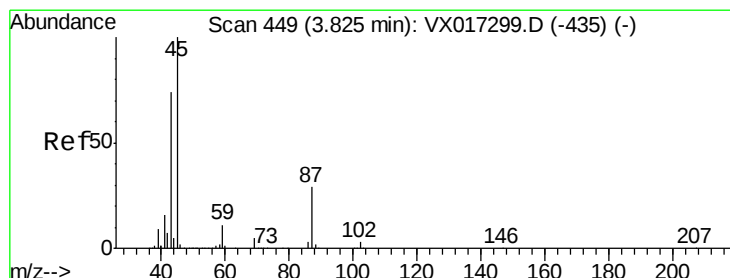
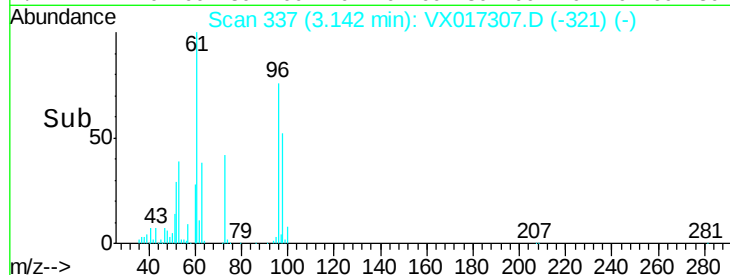
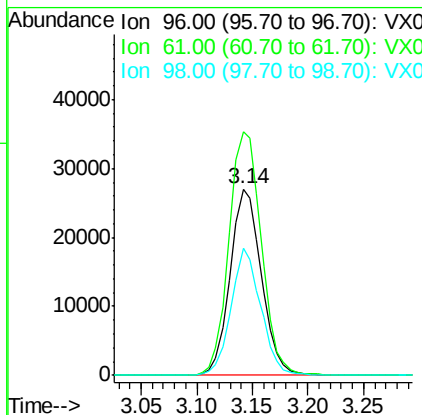
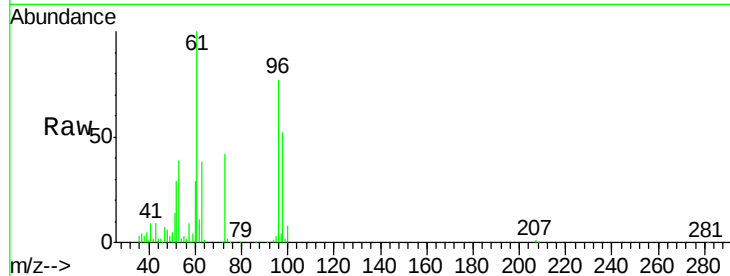
ClientSampleId :

VX0709WBS01

Tot Ion:	96	Resp:	52728
Ion	Ratio	Lower	Upper
96	100		
61	130.5	105.0	157.6
98	68.1	48.6	73.0

Manual Integrations
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#20

Diisopropyl ether

Concen: 19.214 ug/l

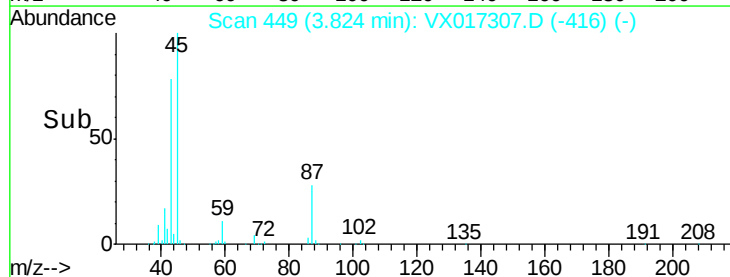
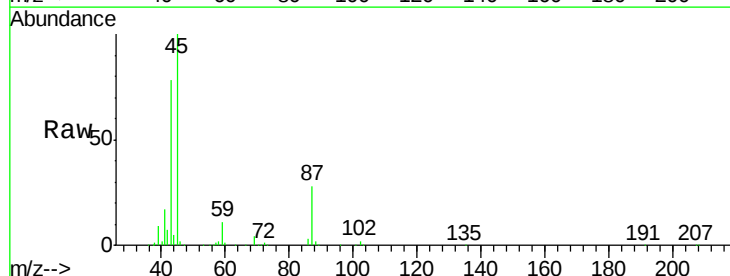
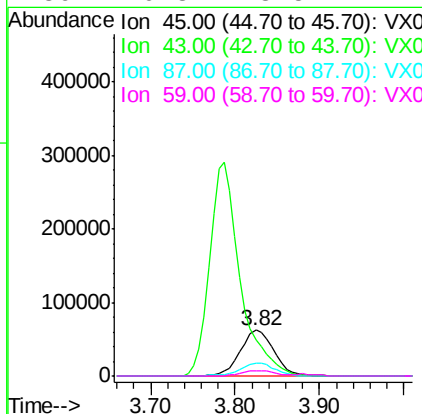
RT: 3.82 min Scan# 449

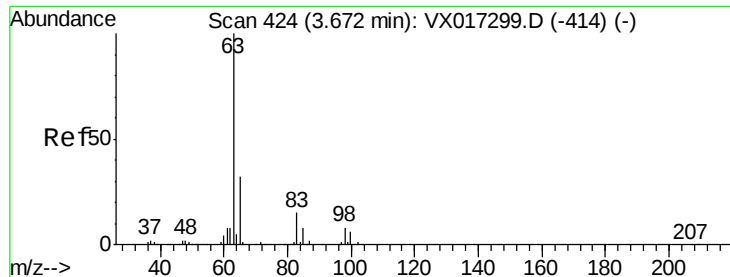
Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Tgt Ion:	45	Resp:	169453
Ion	Ratio	Lower	Upper
45	100		
43	76.9	59.5	89.3
87	27.6	23.2	34.8
59	10.8	8.5	12.7





#21

1,1-Dichloroethane

Concen: 19.091 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

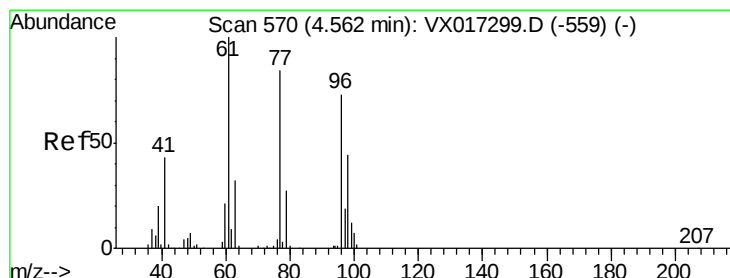
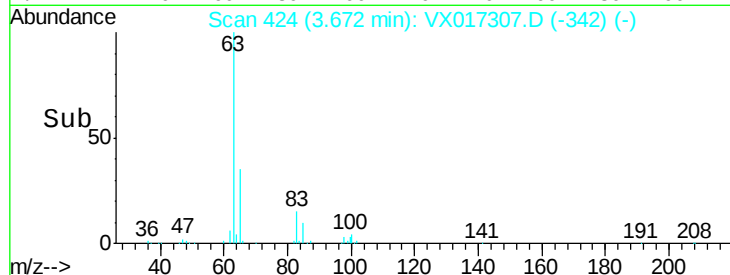
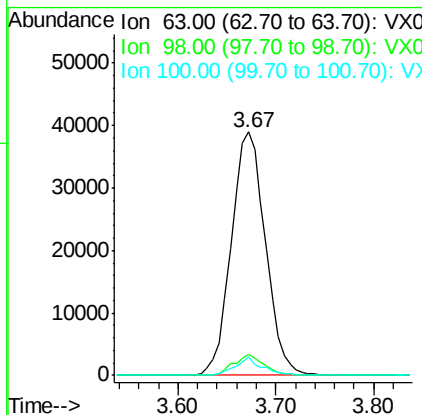
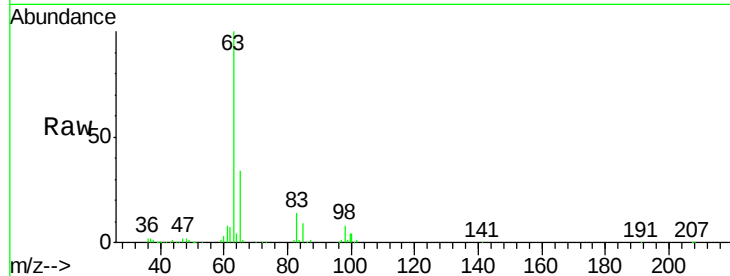
ClientSampleId :

VX0709WBS01

Tot Ion:	63	Resp:	94372
Ion	Ratio	Lower	Upper
63	100		
98	8.3	4.2	12.4
100	7.4	2.8	8.3

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#22

cis-1,2-Dichloroethene

Concen: 19.059 ug/l

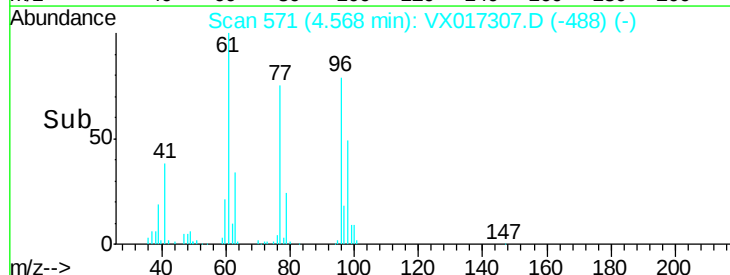
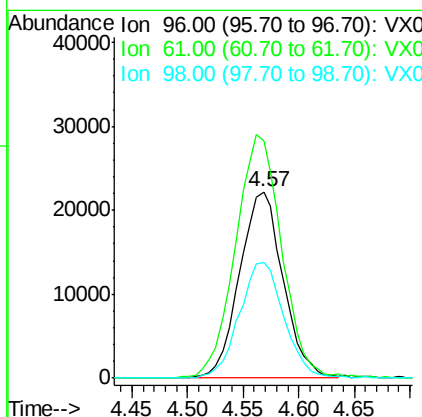
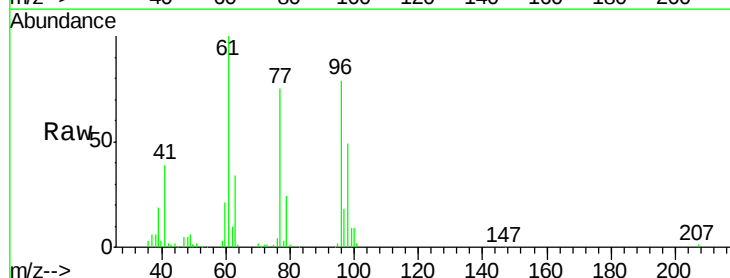
RT: 4.57 min Scan# 571

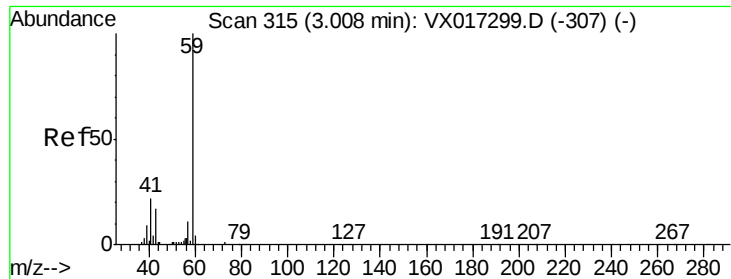
Delta R.T. 0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Tgt Ion:	96	Resp:	60282
Ion	Ratio	Lower	Upper
96	100		
61	138.1	111.7	167.5
98	63.7	50.9	76.3





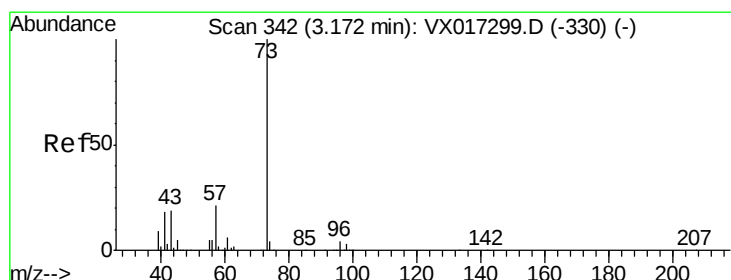
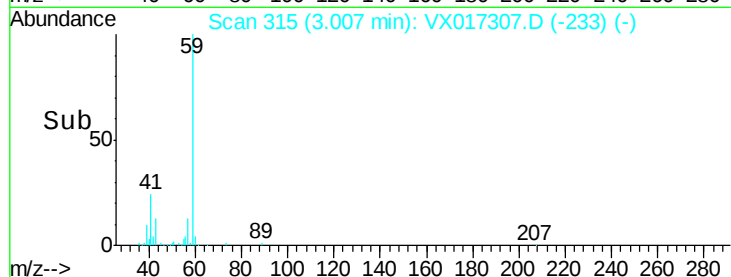
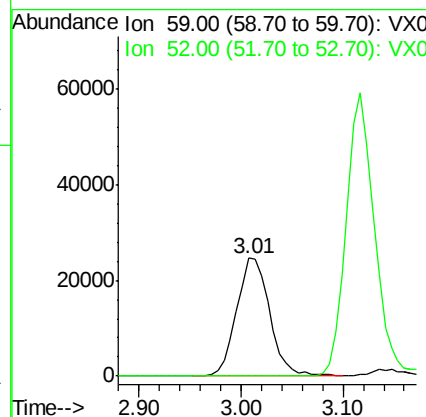
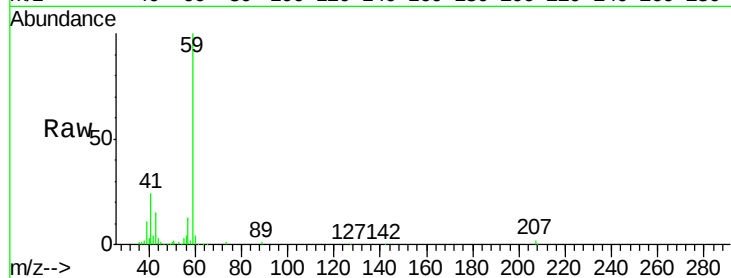
#23
 tert-Butyl Alcohol
 Concen: 90.262 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Tot Ion: 59 Resp: 55522
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.4 0.6#

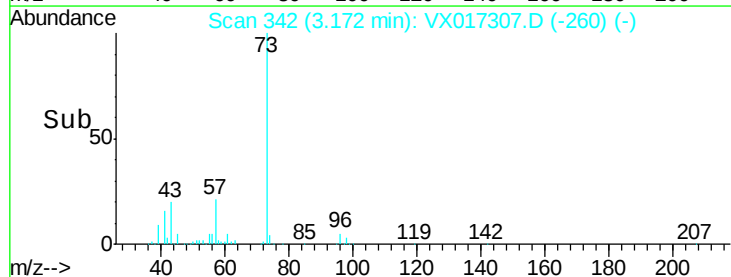
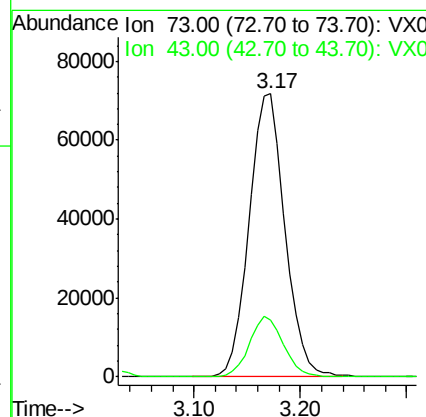
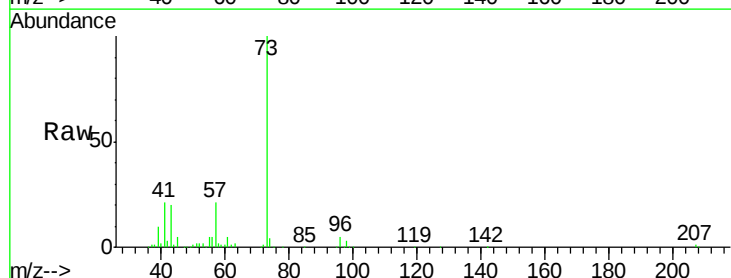
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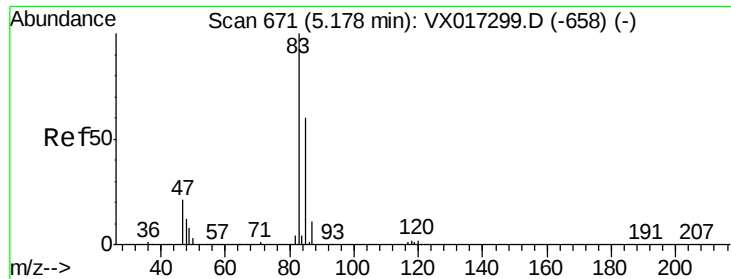
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#24
 Methyl tert-Butyl Ether
 Concen: 18.707 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion: 73 Resp: 169350
 Ion Ratio Lower Upper
 73 100
 43 20.4 16.3 24.5





#25

Chloroform

Concen: 19.042 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

Tot Ion: 83 Resp: 100294

Ion Ratio Lower Upper

83 100

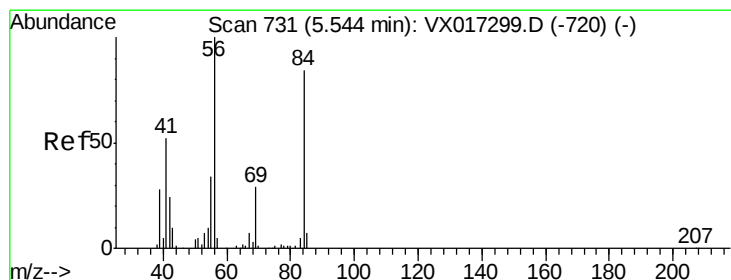
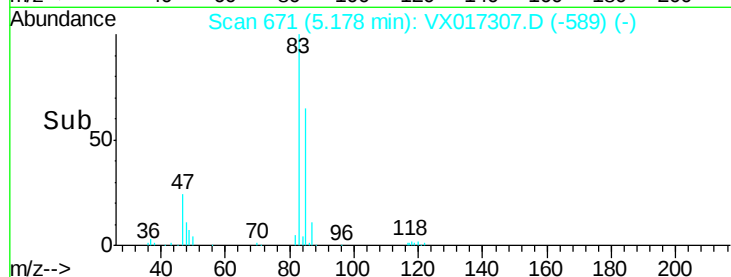
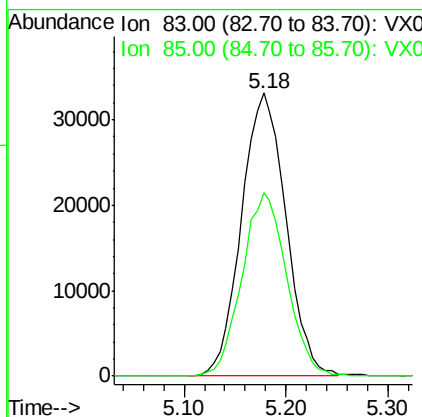
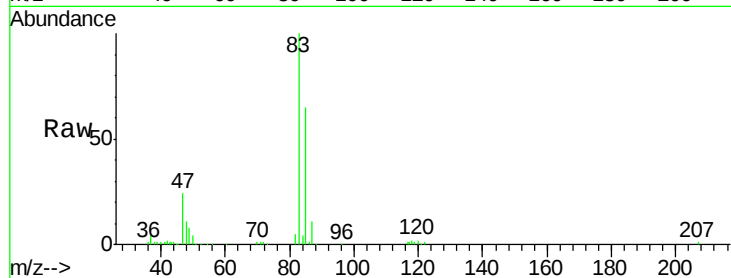
85 65.0 47.8 71.8

Manual Integrations

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#26

Cyclohexane

Concen: 20.045 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

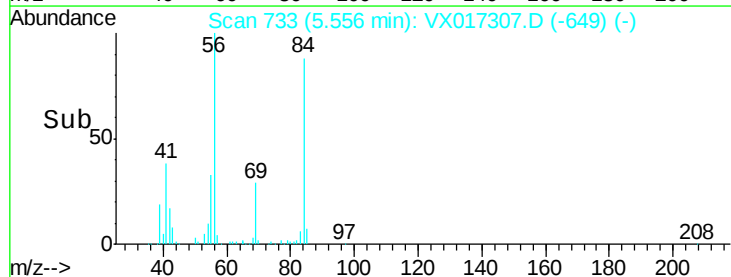
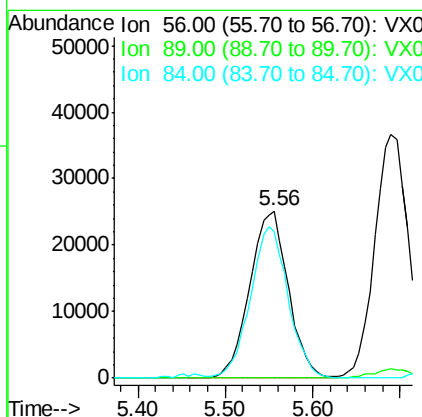
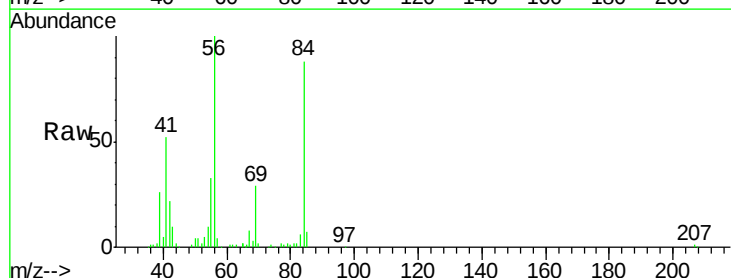
Tgt Ion: 56 Resp: 77198

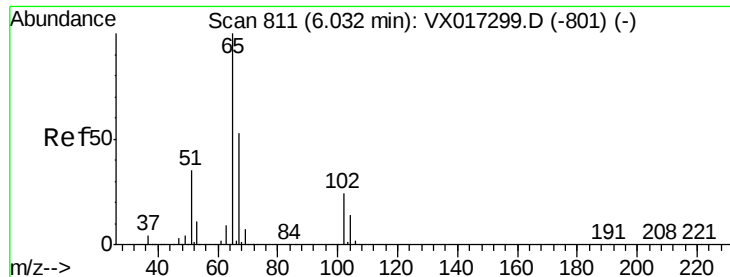
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 89.0 71.5 107.3





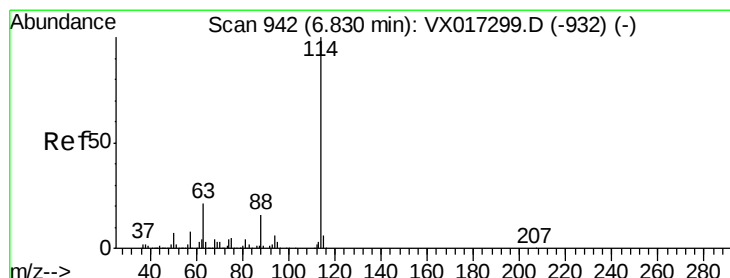
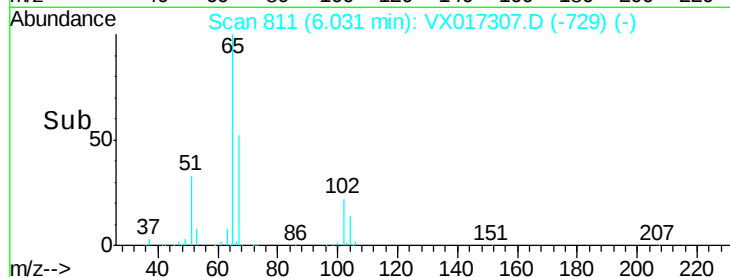
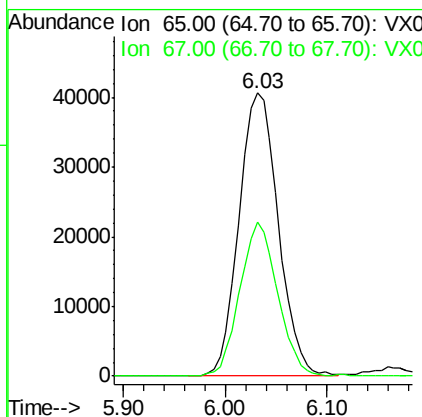
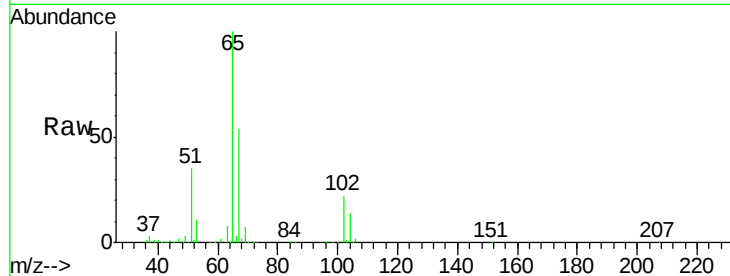
#27
 1,2-Dichloroethane-d4
 Concen: 29.357 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	41.0	61.6

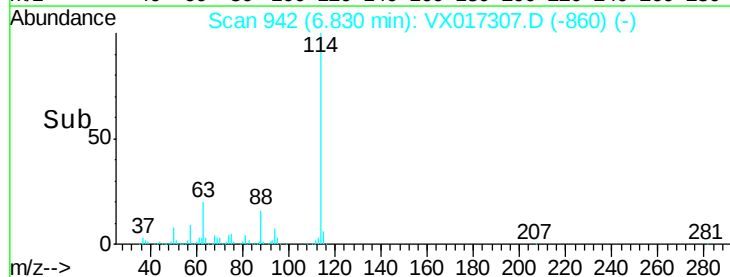
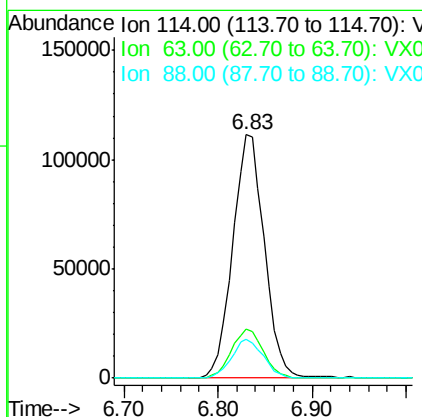
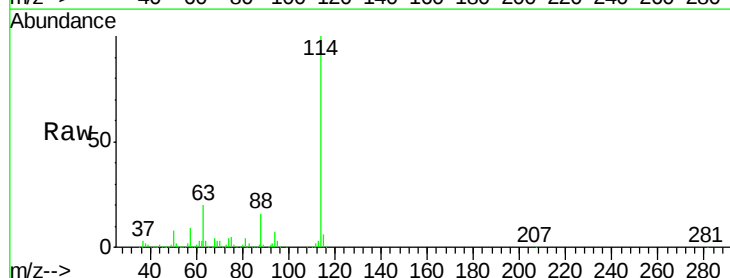
Manual Integrations
 APPROVED

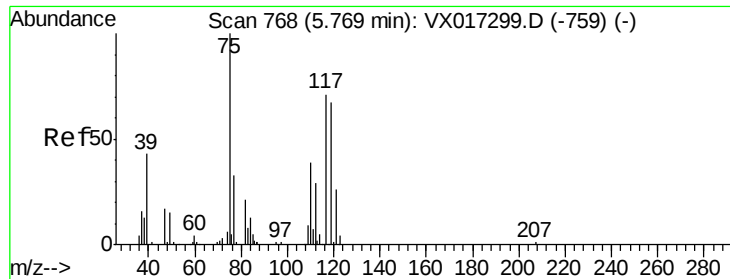
MMDadoda
 7/10/2020 12:36:48 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	15.9	23.9
88	16.0	12.4	18.6





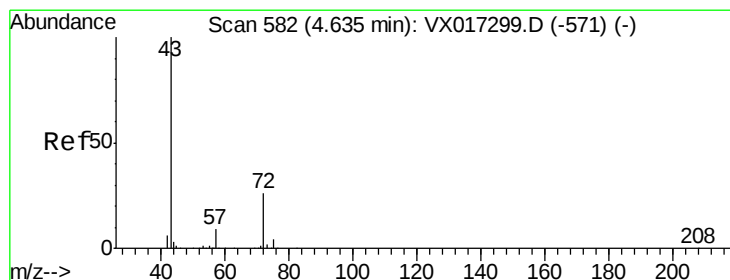
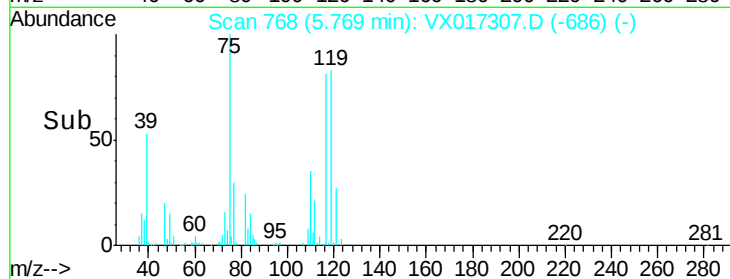
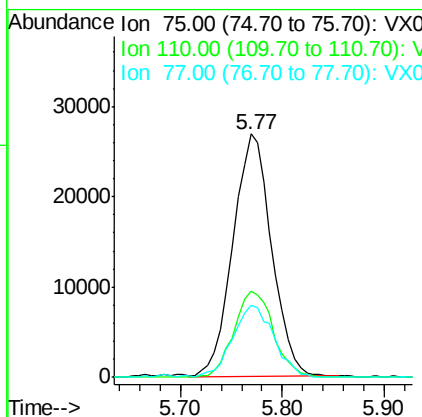
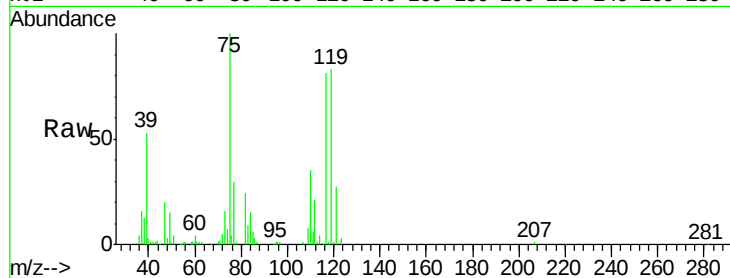
#29
 1,1-Dichloropropene
 Concen: 19.549 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	0.0	75.8
77	31.0	0.0	63.4

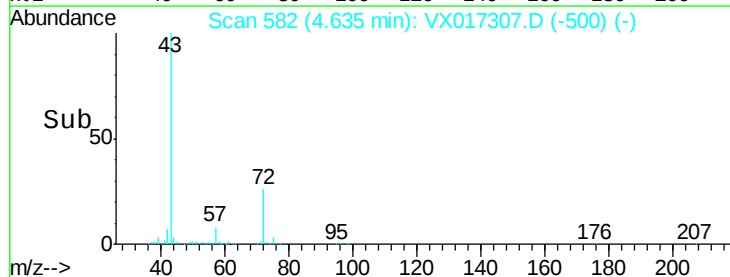
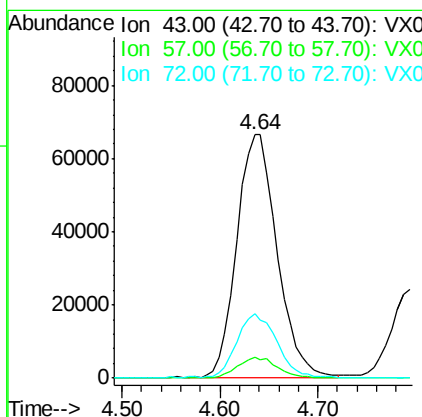
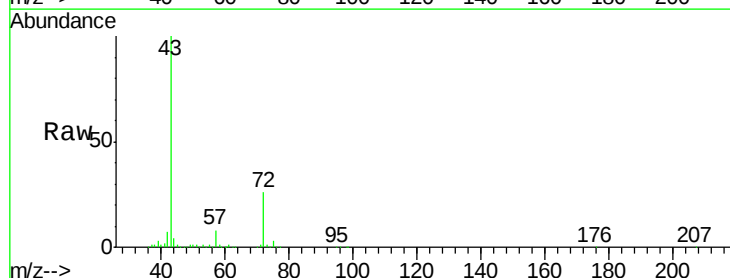
Manual Integrations
 APPROVED

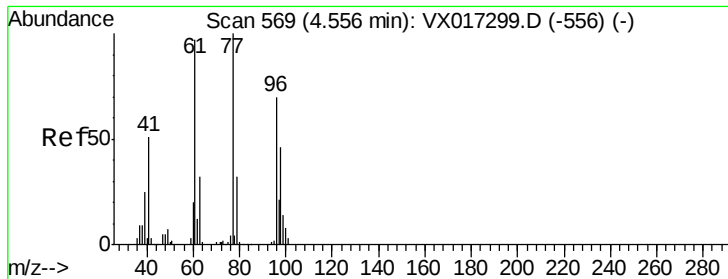
MMDadoda
 7/10/2020 12:36:48 PM



#30
 2-Butanone
 Concen: 95.799 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.8	10.2
72	25.7	21.0	31.6





#31

2,2-Dichloropropane

Concen: 18.800 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

Tot Ion: 77 Resp: 84938

Ion Ratio Lower Upper

77 100

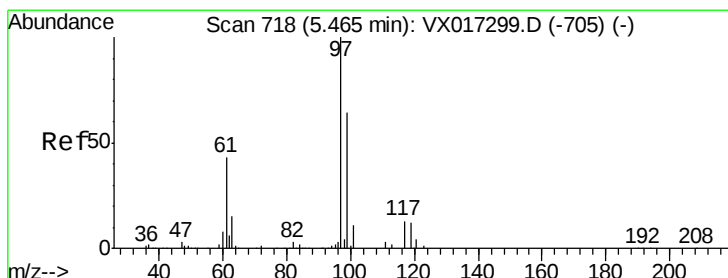
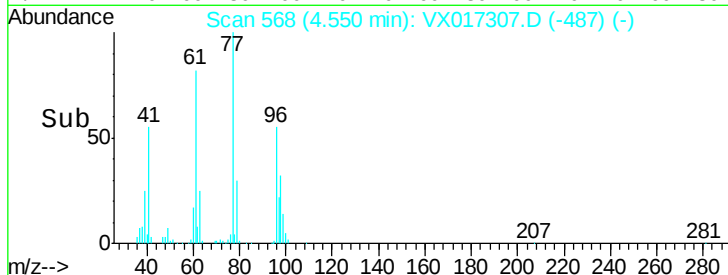
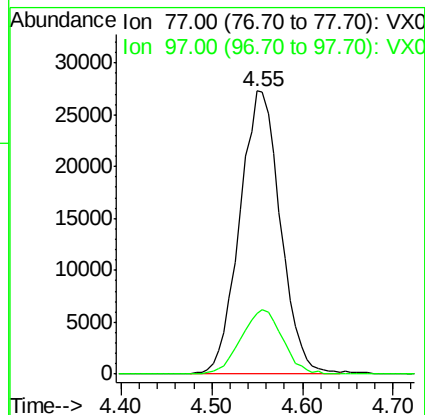
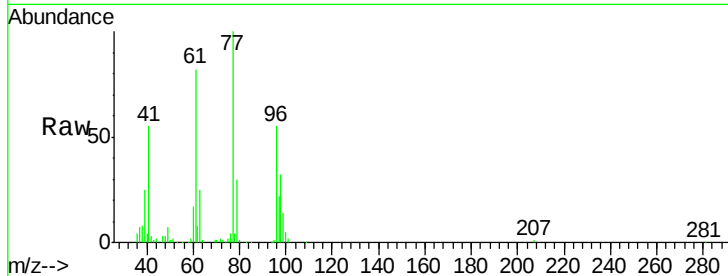
97 23.2 18.2 27.2

Manual Integrations

APPROVED

MMDadoda

7/10/2020 12:36:48 PM



#32

1,1,1-Trichloroethane

Concen: 19.386 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

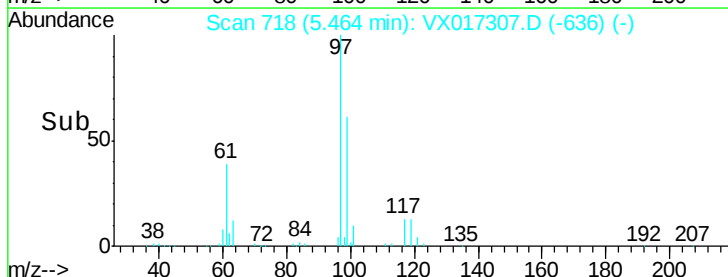
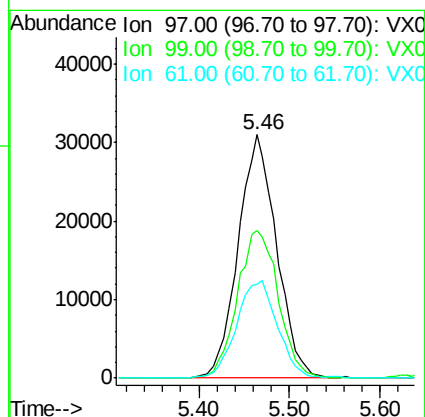
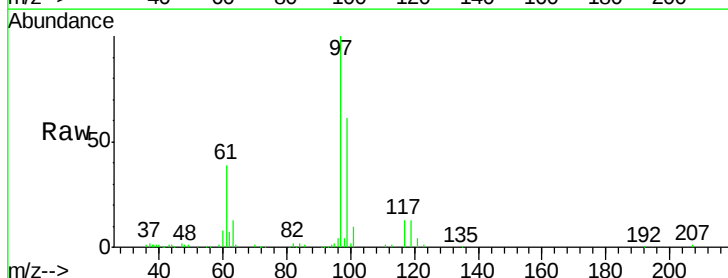
Tgt Ion: 97 Resp: 91022

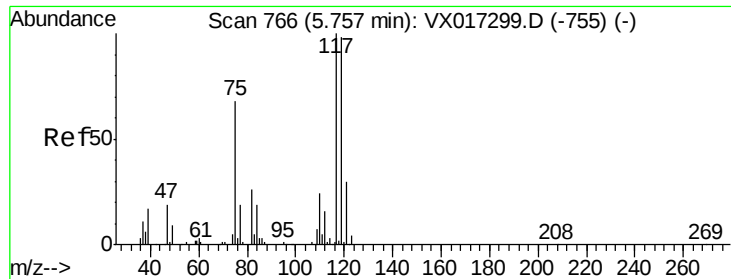
Ion Ratio Lower Upper

97 100

99 64.3 53.2 79.8

61 42.6 34.0 51.0





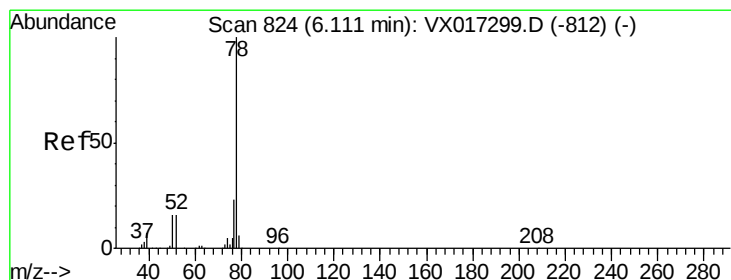
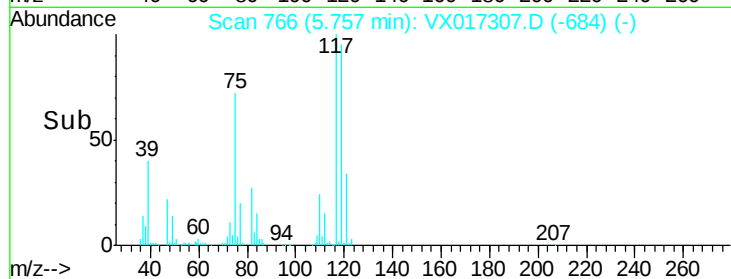
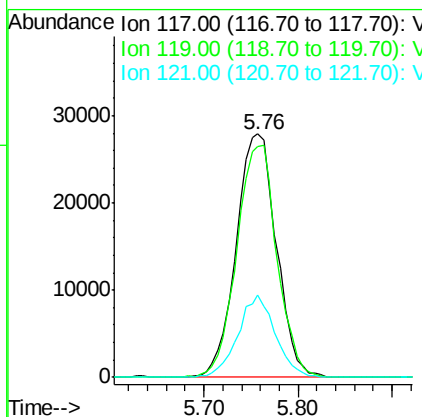
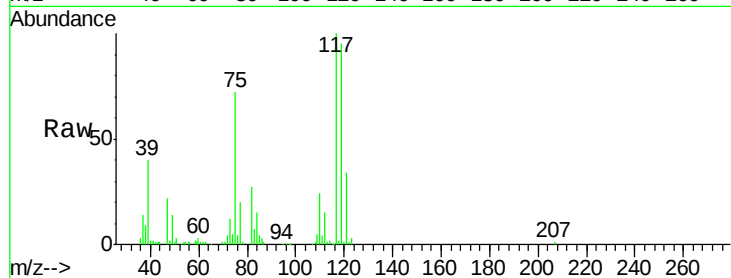
#33
Carbon Tetrachloride
Concen: 19.266 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.8	118.2
121	34.0	23.7	35.5

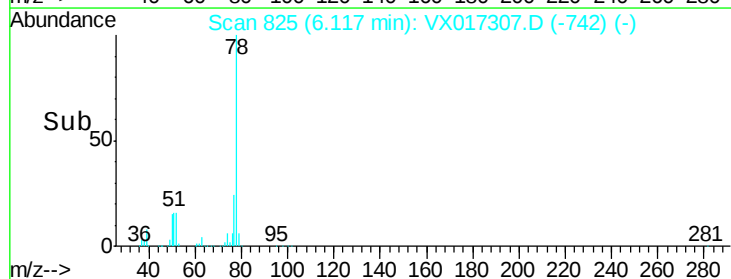
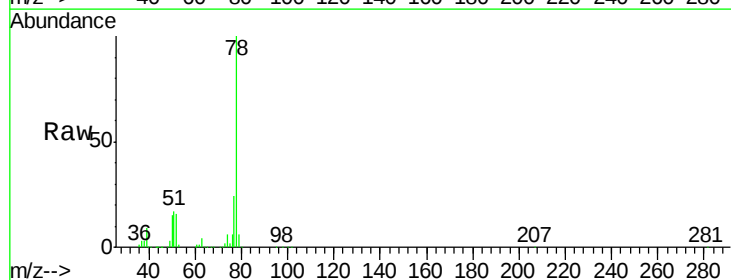
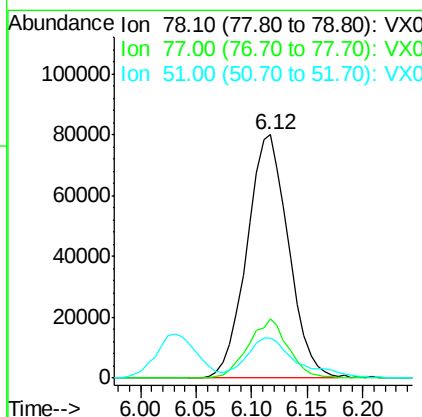
Manual Integrations
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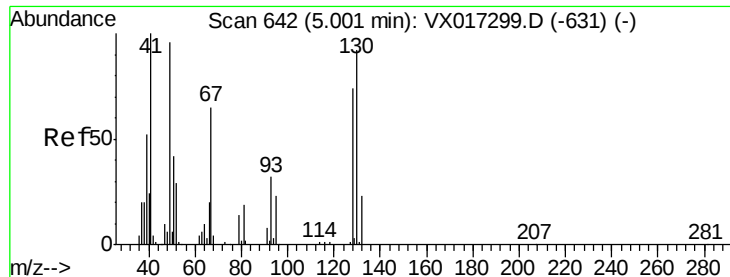
MMDadoda
7/10/2020 12:36:48 PM



#34
Benzene
Concen: 19.402 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	18.1	27.1
51	14.1	12.9	19.3





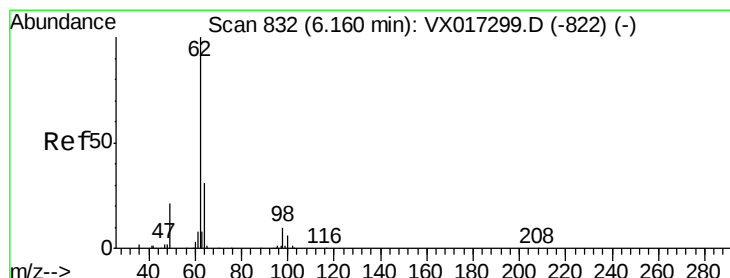
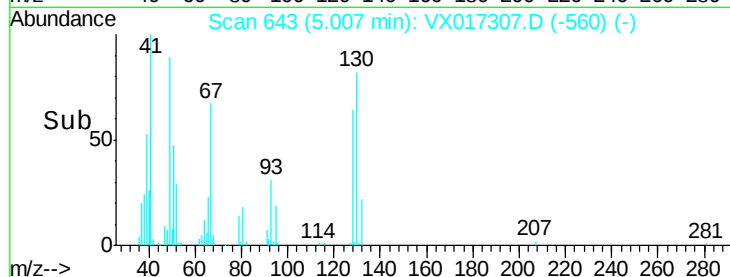
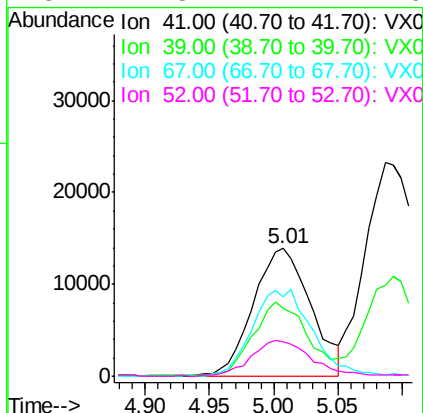
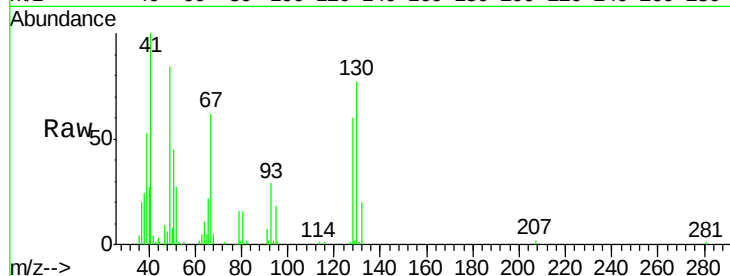
#35
Methacrylonitrile
Concen: 19.533 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.0	26.0	78.0	
67	61.7	32.6	97.8	
52	27.3	14.2	42.6	

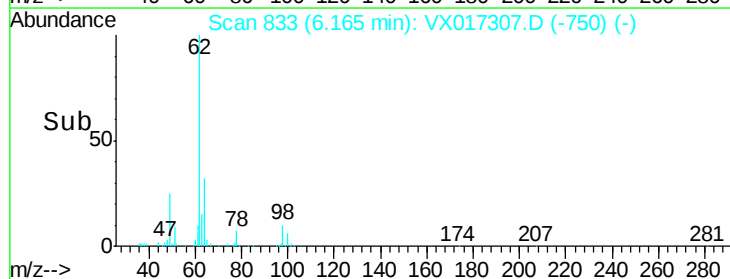
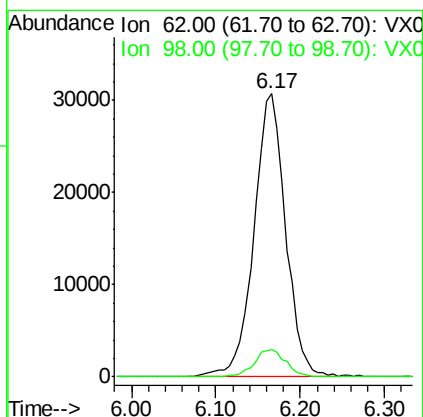
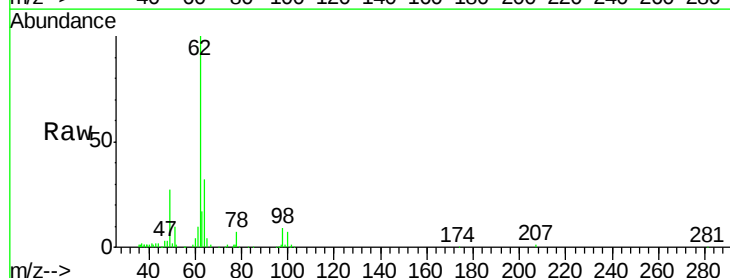
Manual Integrations
APPROVED

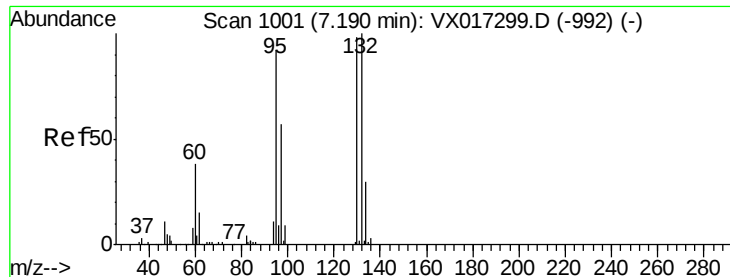
MMDadoda
7/10/2020 12:36:48 PM



#36
1,2-Dichloroethane
Concen: 18.824 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	7.8	11.8	





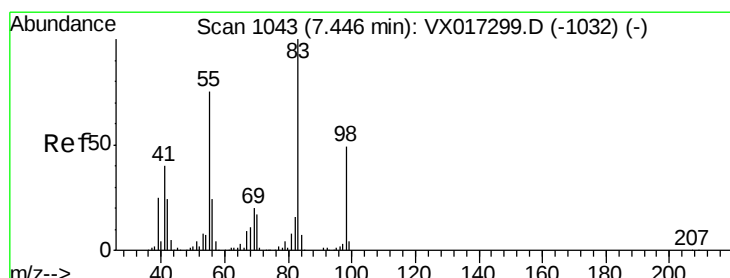
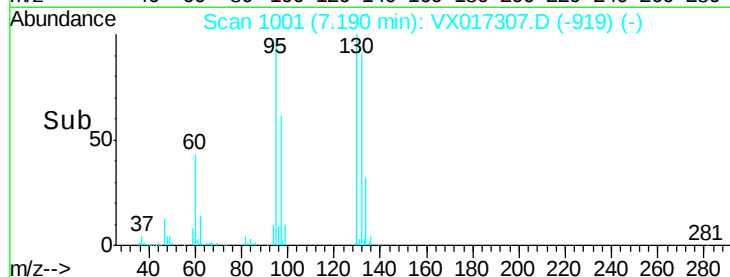
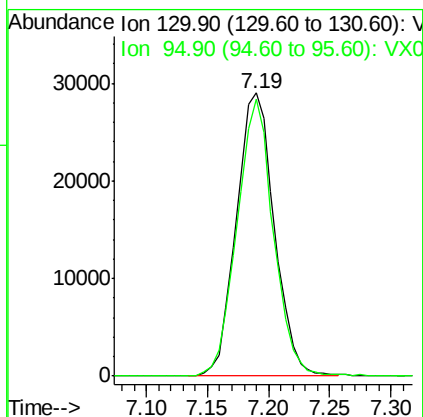
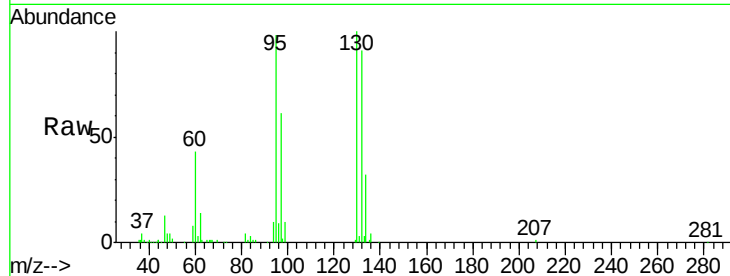
#37
 Trichloroethene
 Concen: 19.389 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Tot Ion:130 Resp: 62577
 Ion Ratio Lower Upper
 130 100
 95 97.8 74.4 111.6

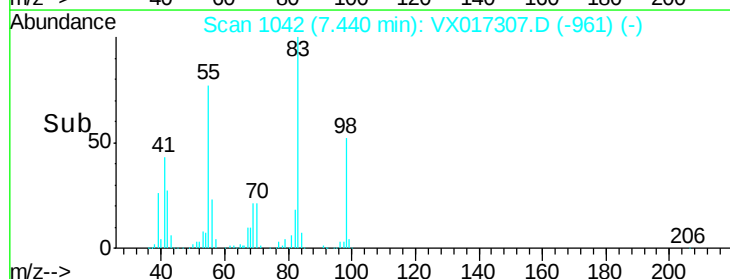
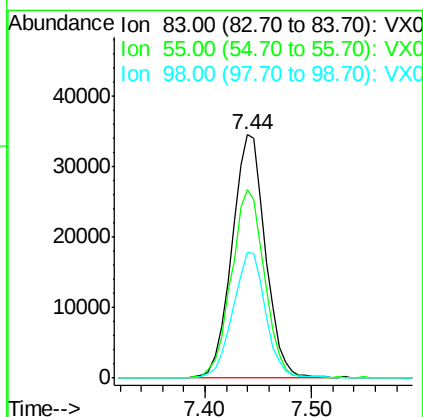
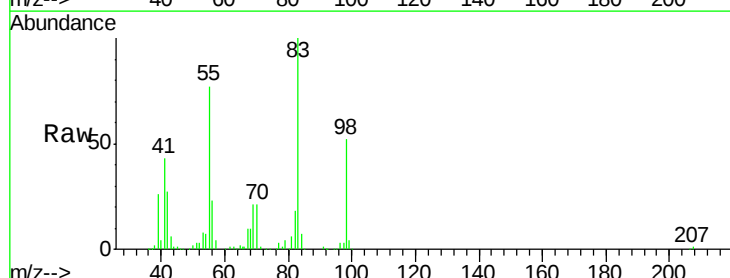
Manual Integrations
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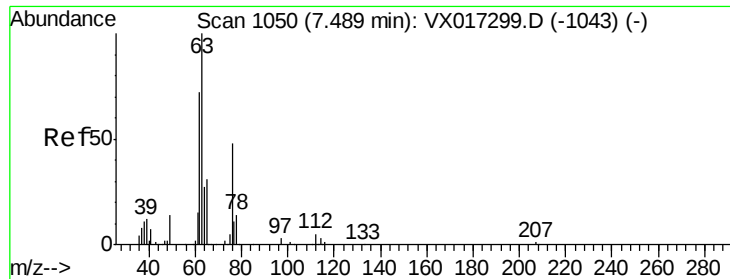
MMDadoda
 7/10/2020 12:36:48 PM



#38
 Methylcyclohexane
 Concen: 20.053 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion: 83 Resp: 76206
 Ion Ratio Lower Upper
 83 100
 55 76.8 39.0 117.0
 98 50.3 25.3 75.9





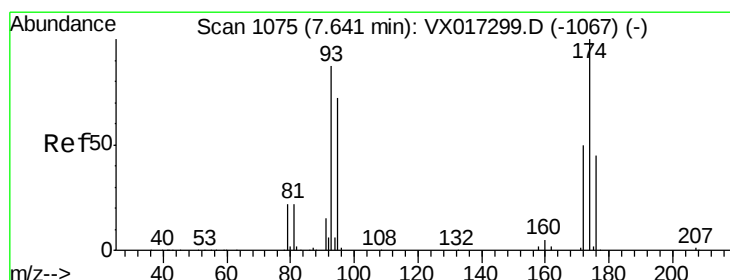
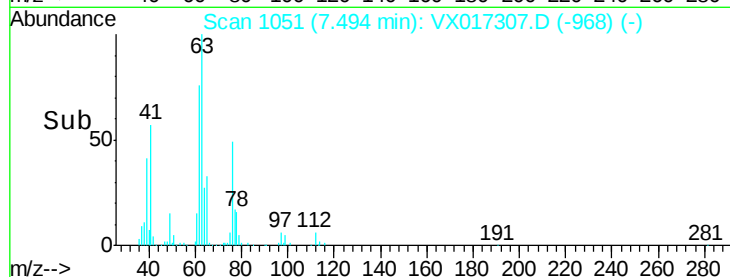
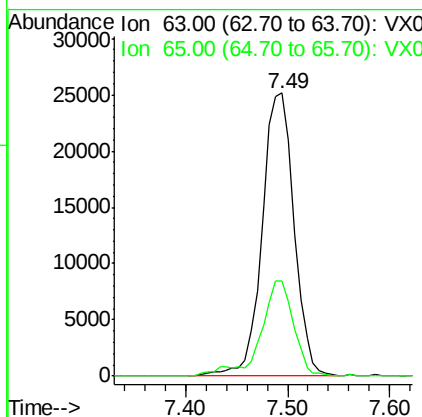
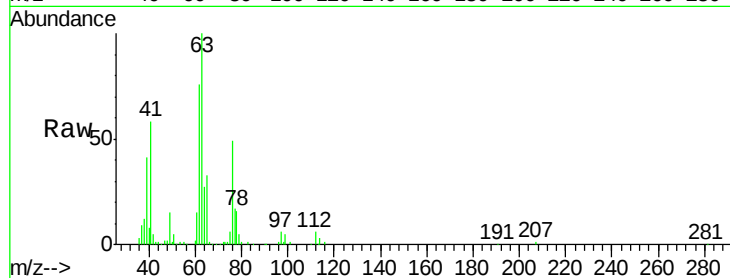
#39
 1,2-Dichloropropane
 Concen: 19.513 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Tot Ion: 63 Resp: 54713
 Ion Ratio Lower Upper
 63 100
 65 33.4 27.4 41.0

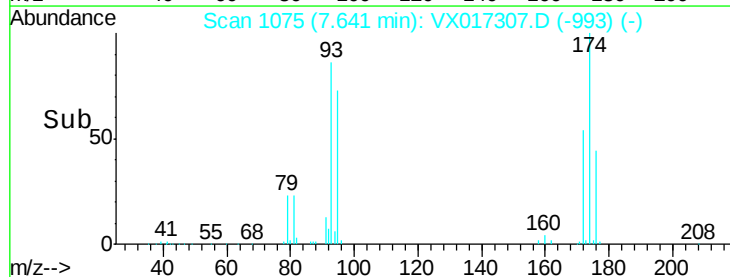
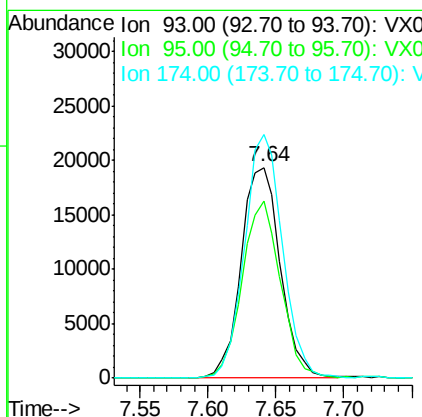
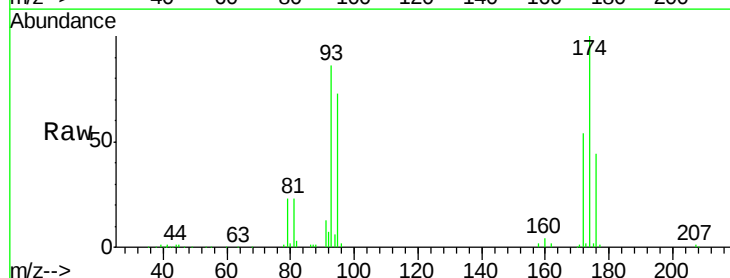
Manual Integrations
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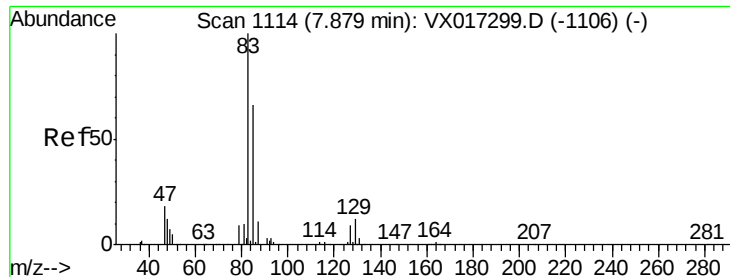
MMDadoda
 7/10/2020 12:36:48 PM



#40
 Dibromomethane
 Concen: 19.372 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion: 93 Resp: 39132
 Ion Ratio Lower Upper
 93 100
 95 82.1 0.0 164.4
 174 112.3 0.0 224.8





#41

Bromodichloromethane

Concen: 19.250 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

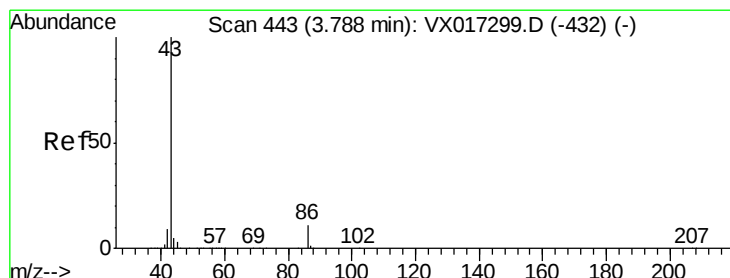
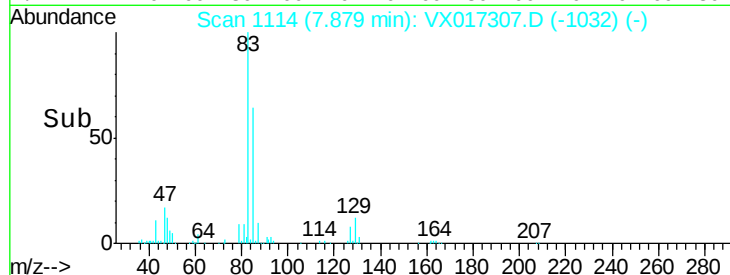
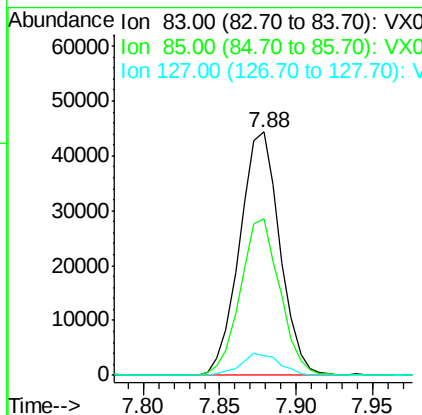
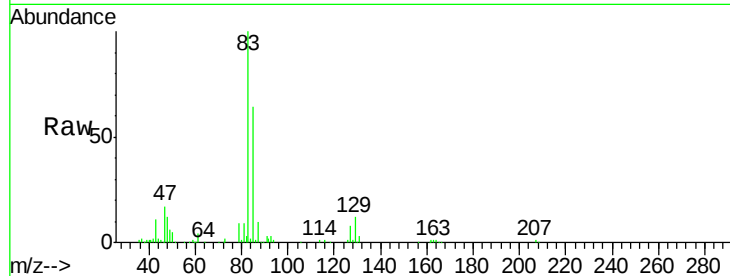
ClientSampleId :

VX0709WBS01

Tot Ion:	83	Resp:	81153
Ion	Ratio	Lower	Upper
83	100		
85	64.3	53.1	79.7
127	8.0	7.3	10.9

Manual Integrations
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MMDadoda
7/10/2020 12:36:48 PM



#42

Vinyl Acetate

Concen: 96.683 ug/l

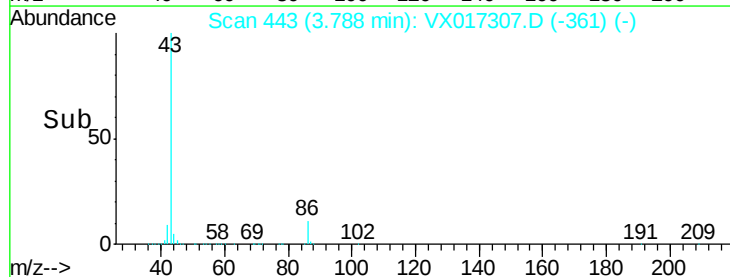
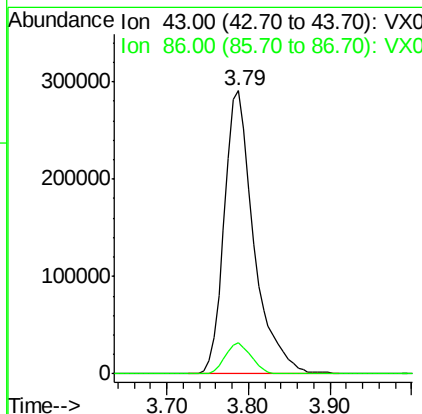
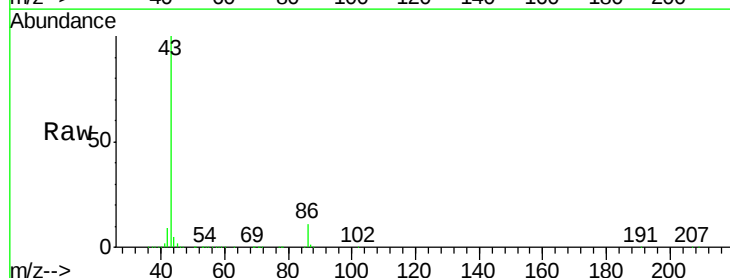
RT: 3.79 min Scan# 443

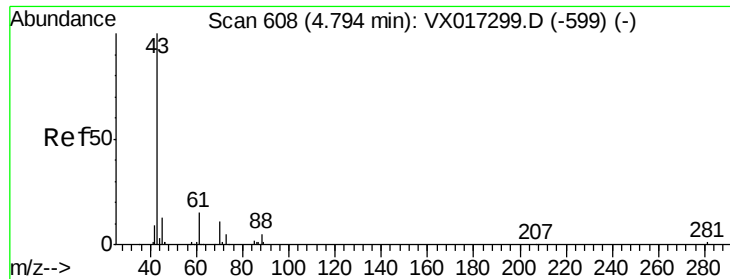
Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Tgt Ion:	43	Resp:	728825
Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.9	11.9





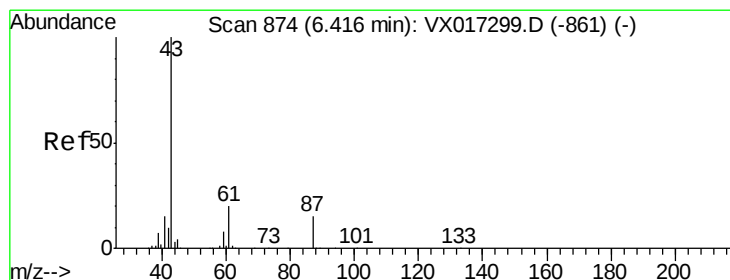
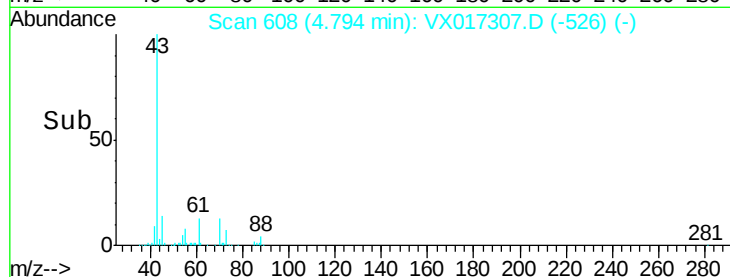
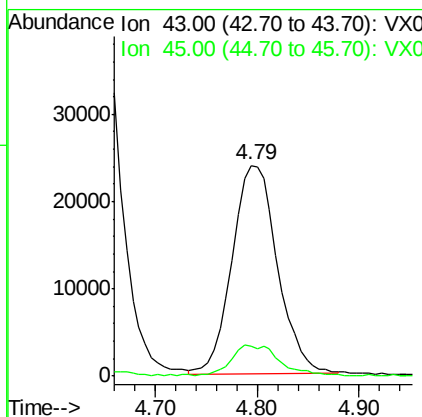
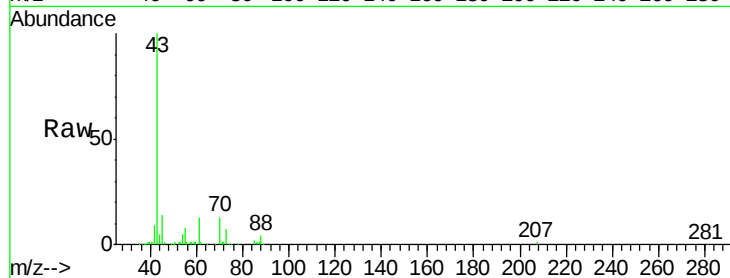
#43
Ethyl Acetate
Concen: 18.985 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion	43	45	Ratio	Lower	Upper
43	100				
45	8.5		12.1	18.1	

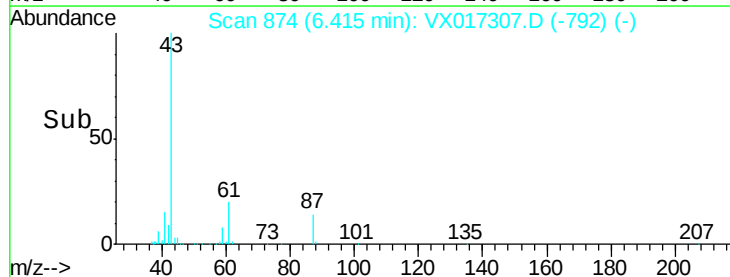
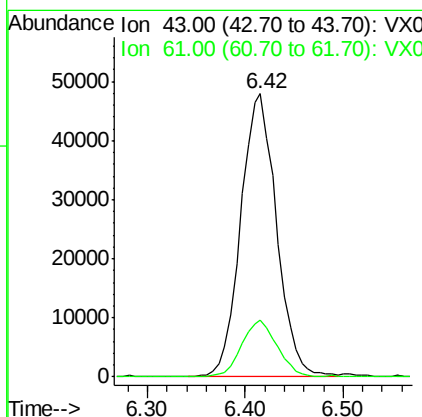
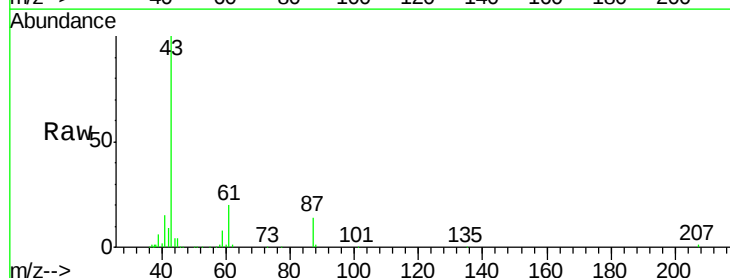
Manual Integrations
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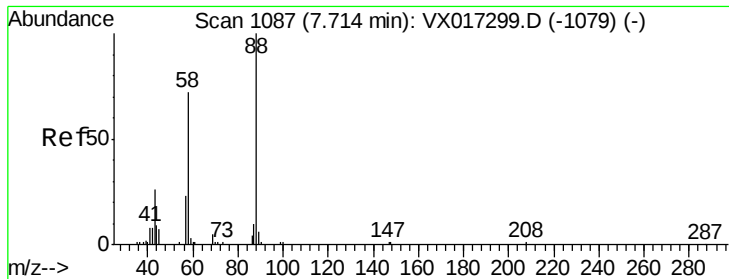
MMDadoda
7/10/2020 12:36:48 PM



#44
Isopropyl Acetate
Concen: 18.871 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	43	61	Ratio	Lower	Upper
43	100				
61	19.9		15.7	23.5	





#45

1,4-Dioxane

Concen: 360.869 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

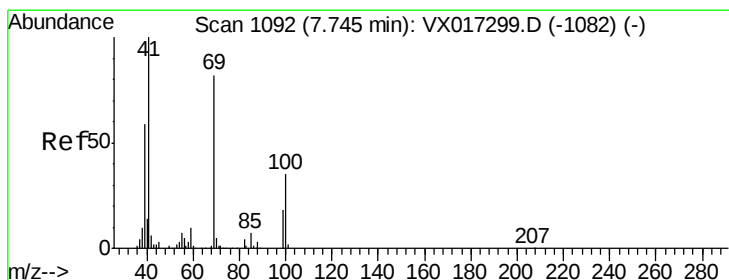
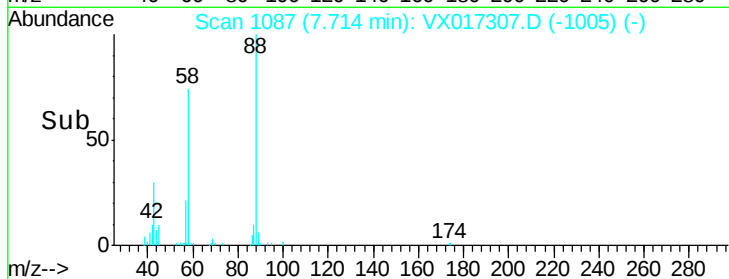
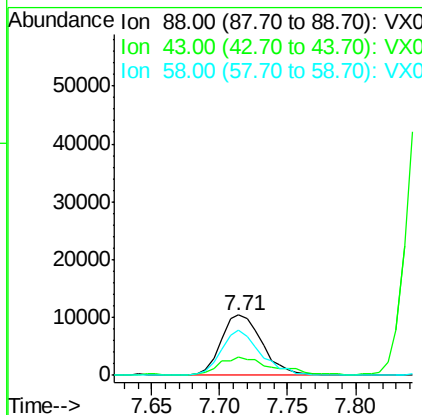
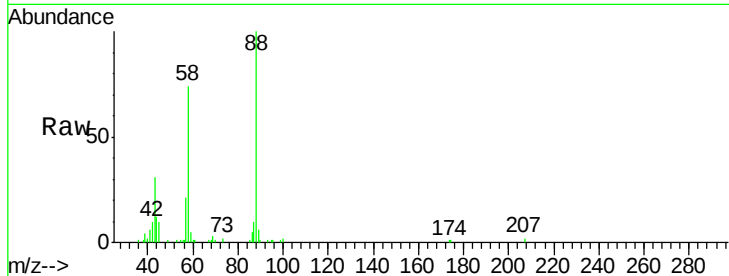
ClientSampleId :

VX0709WBS01

Tot Ion:	88	Resp:	22206
Ion	Ratio	Lower	Upper
88	100		
43	31.9	29.0	43.4
58	70.8	58.3	87.5

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7/10/2020 12:36:48 PM



#46

Methyl methacrylate

Concen: 18.759 ug/l

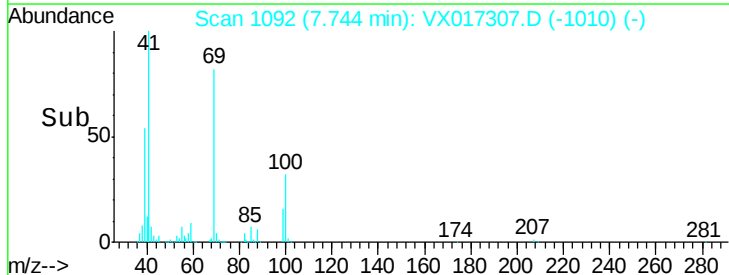
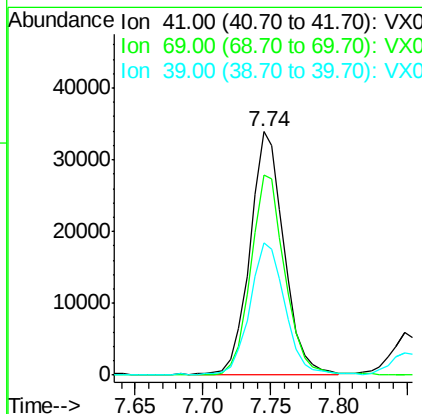
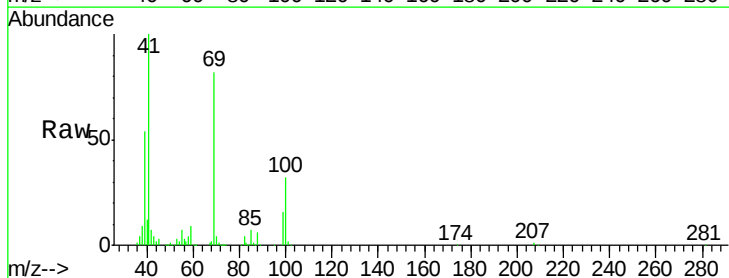
RT: 7.74 min Scan# 1092

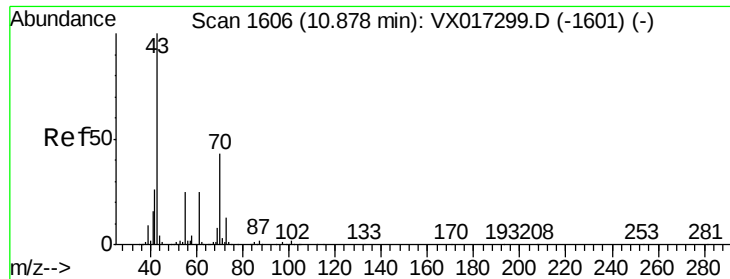
Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Tgt Ion:	41	Resp:	58995
Ion	Ratio	Lower	Upper
41	100		
69	82.2	41.1	123.3
39	54.5	29.2	87.6





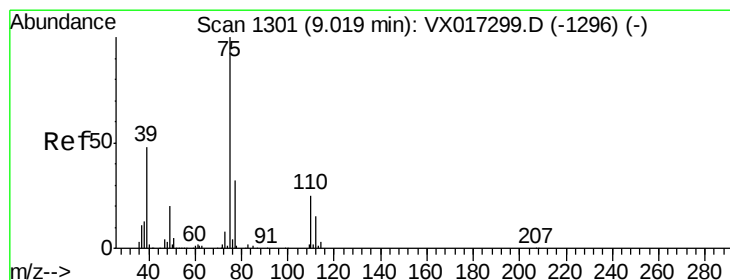
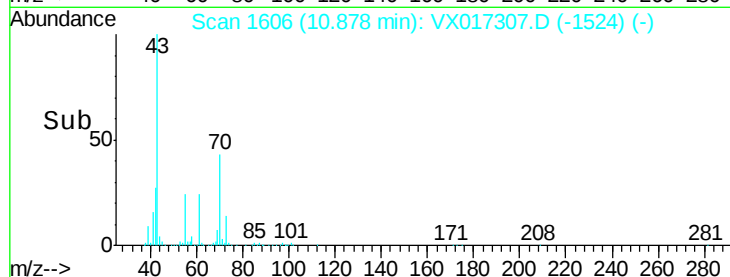
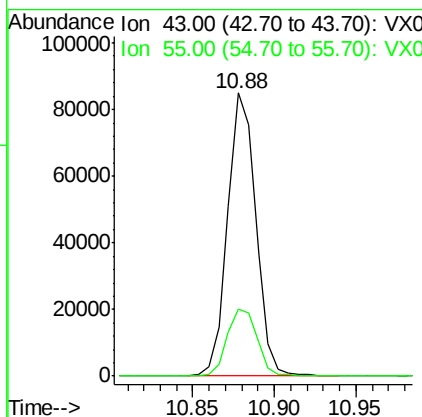
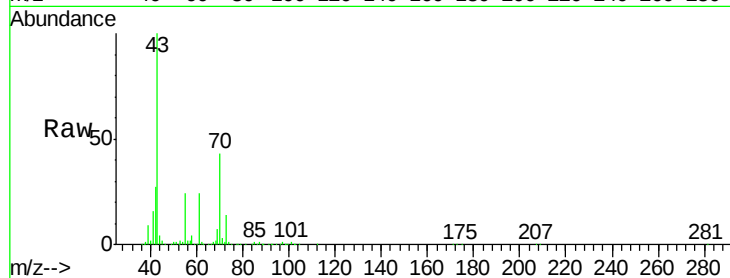
#47
n-amvl Acetate
Concen: 17.915 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion: 43 Resp: 102405
Ion Ratio Lower Upper
43 100
55 25.5 20.4 30.6

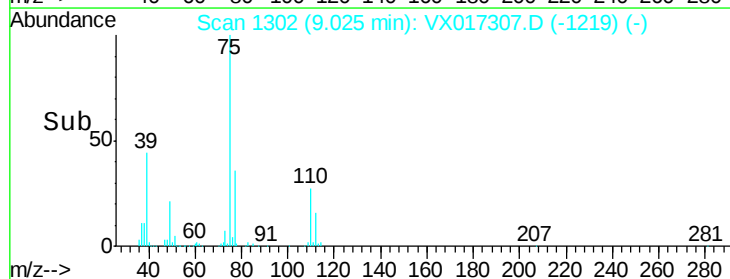
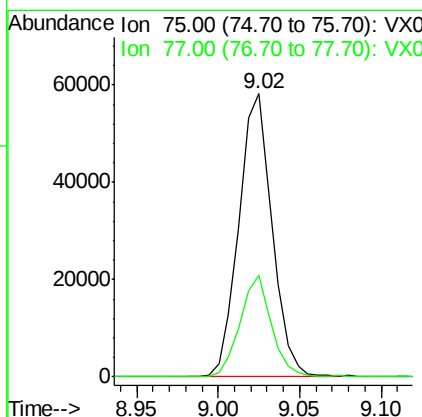
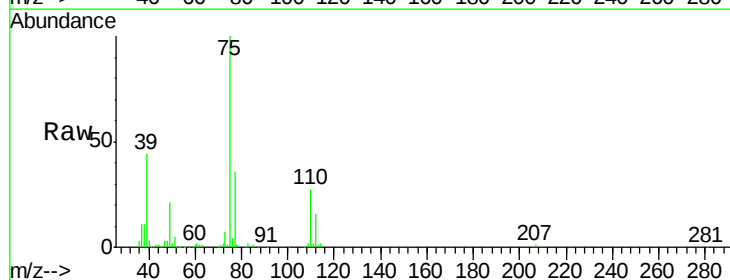
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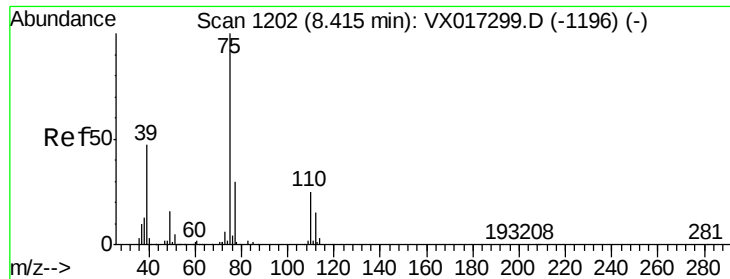
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 17.837 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.01 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion: 75 Resp: 83014
Ion Ratio Lower Upper
75 100
77 35.6 25.6 38.4





#49

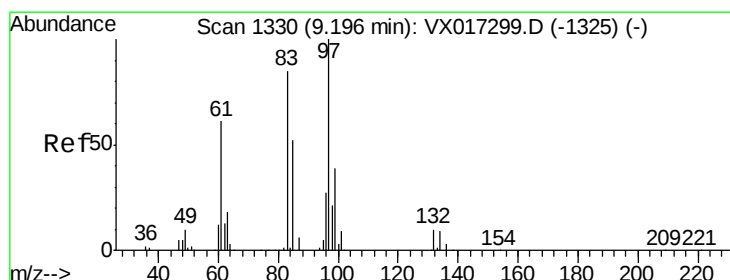
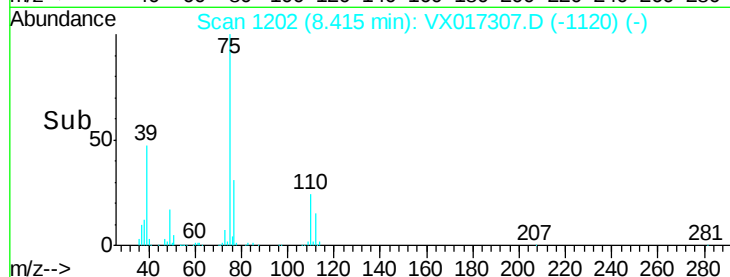
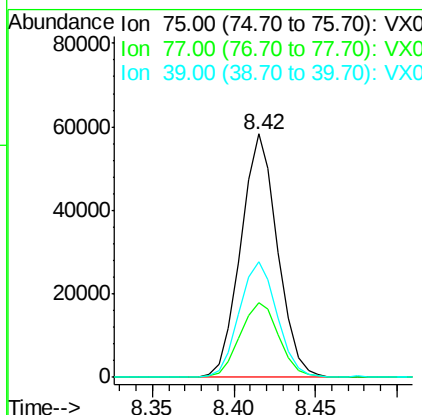
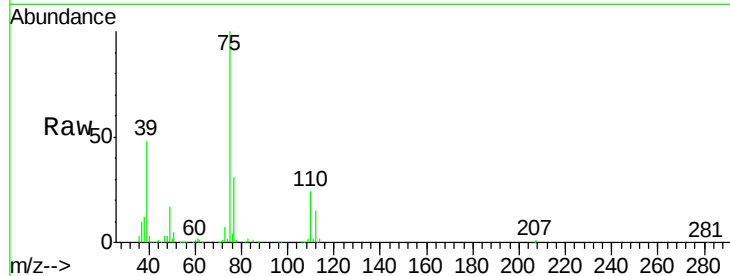
cis-1,3-Dichloropropene
 Concen: 18.827 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	23.6	35.4
39	47.5	37.5	56.3

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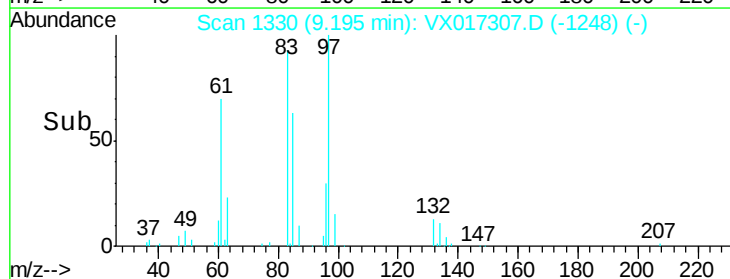
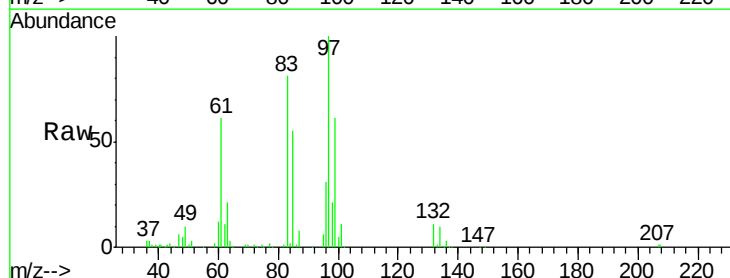
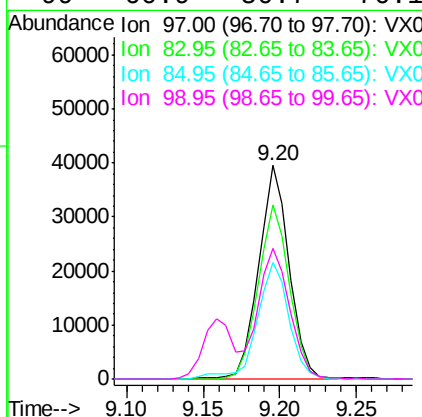
MMDadoda
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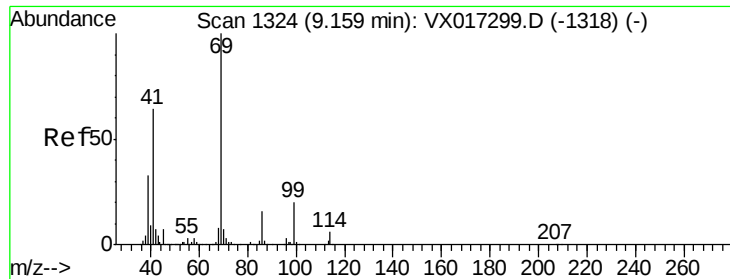


#50

1,1,2-Trichloroethane
 Concen: 18.409 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.5	67.9	101.9
85	54.6	42.6	64.0
99	60.9	50.7	76.1





#51

Ethyl methacrylate

Concen: 18.209 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

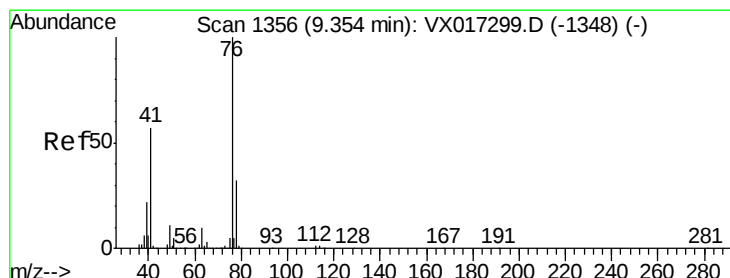
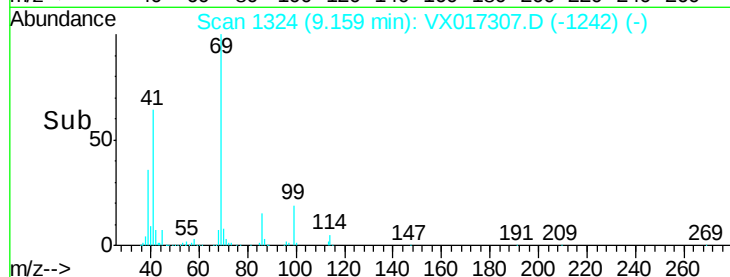
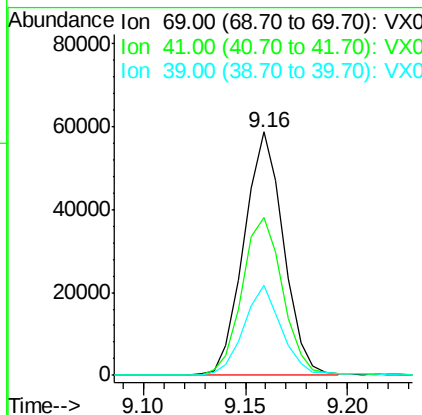
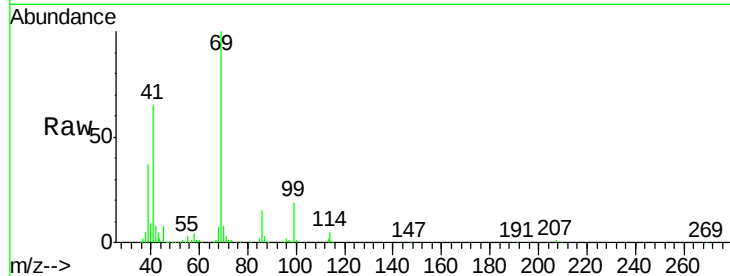
ClientSampleId :

VX0709WBS01

Tot Ion:	69	Resp:	79392
Ion Ratio	Lower	Upper	
69	100		
41	64.7	32.1	96.5
39	36.5	16.3	48.9

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.260 ug/l

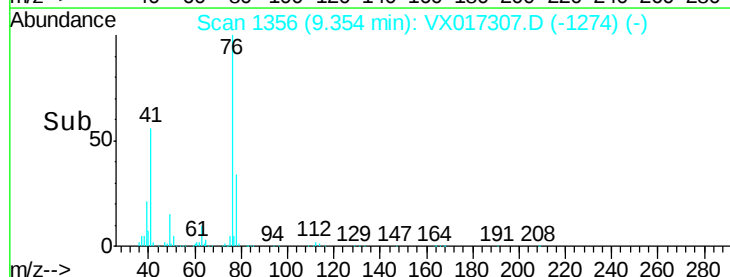
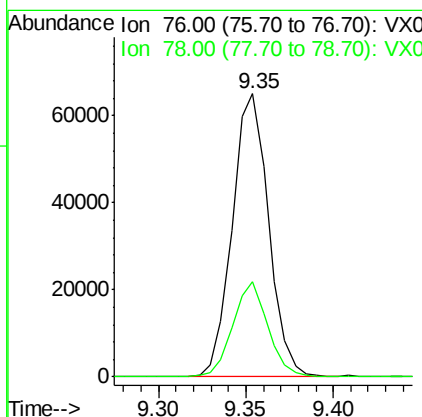
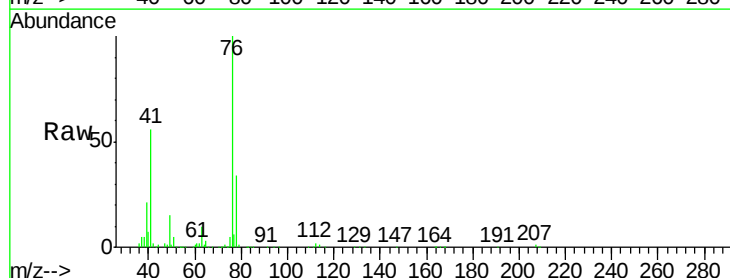
RT: 9.35 min Scan# 1356

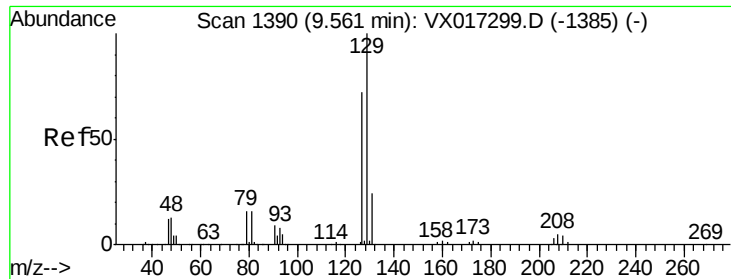
Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Tgt Ion:	76	Resp:	93887
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	65.6





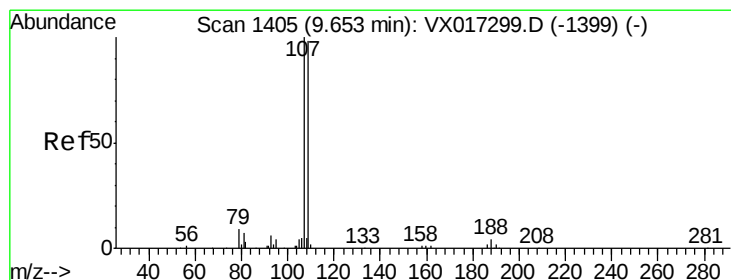
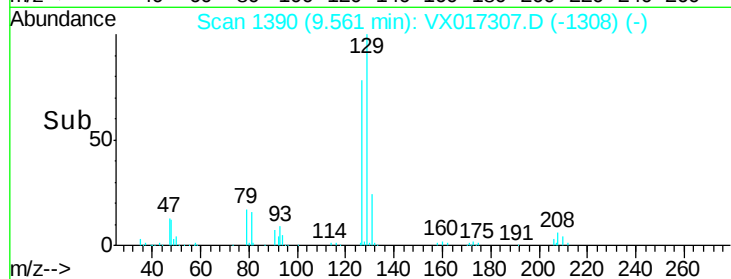
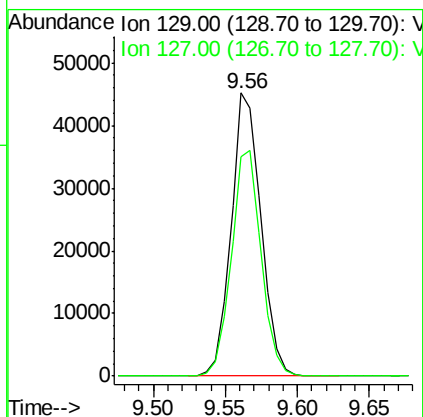
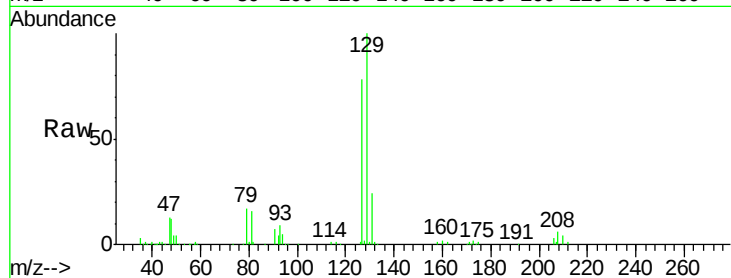
#53
 Dibromochloromethane
 Concen: 17.920 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	79.5	37.5	112.5	

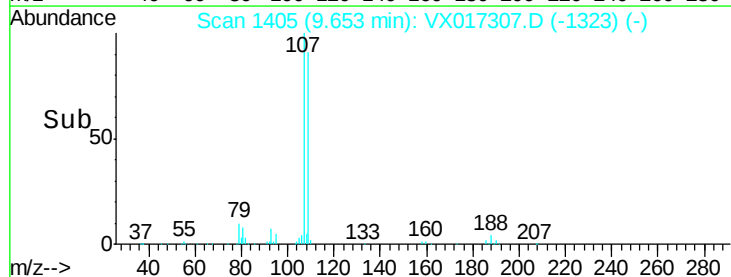
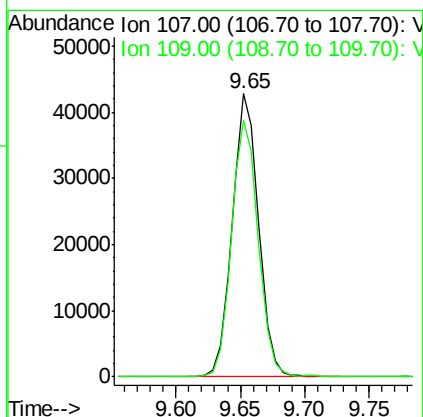
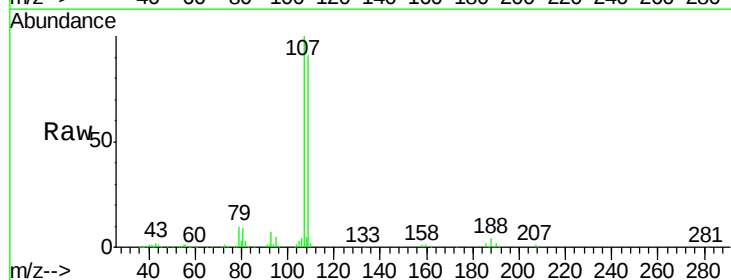
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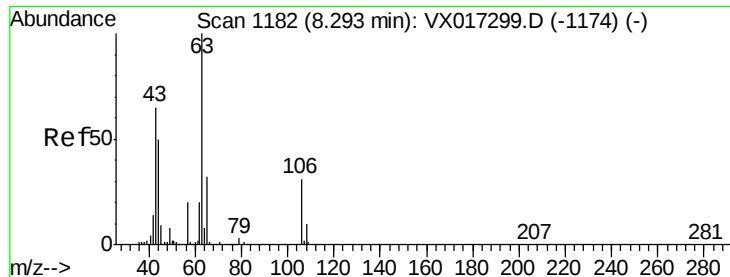
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#54
 1,2-Dibromoethane
 Concen: 19.058 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	91.6	76.9	115.3	





#55

2-Chloroethyl vinyl ether

Concen: 106.689 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

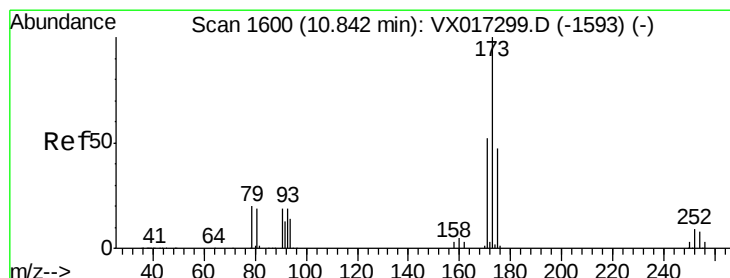
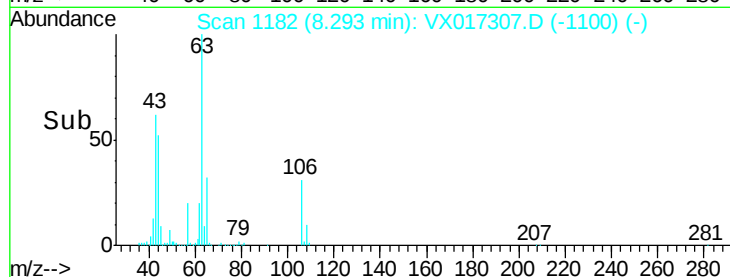
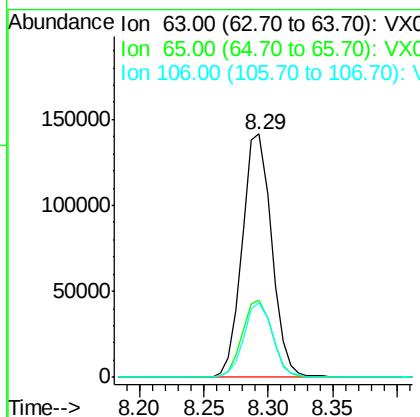
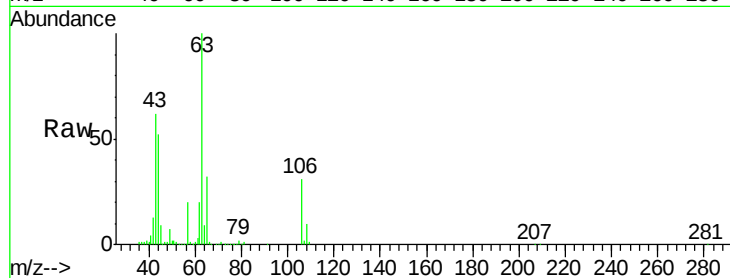
ClientSampleId :

VX0709WBS01

Tot Ion:	63	Resp:	223812
Ion Ratio	Lower	Upper	
63	100		
65	32.2	25.4	38.0
106	30.2	24.5	36.7

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#56

Bromoform

Concen: 17.310 ug/l

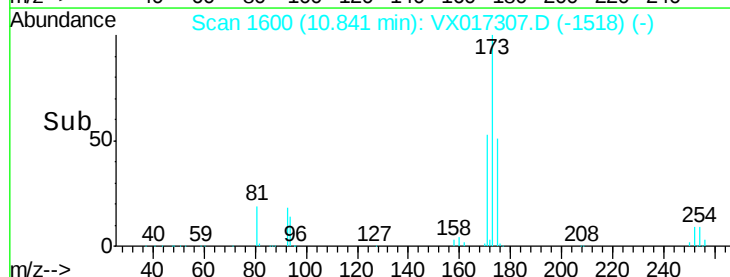
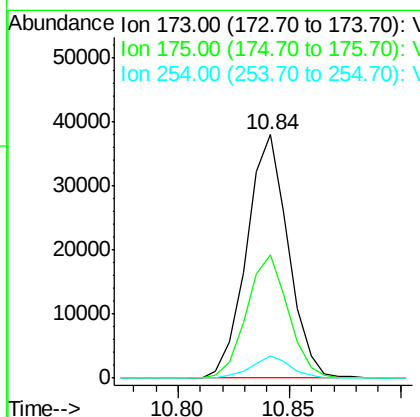
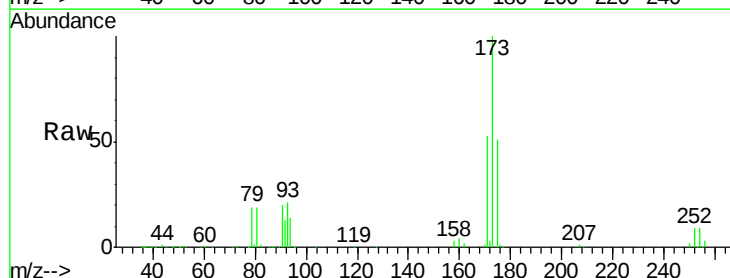
RT: 10.84 min Scan# 1600

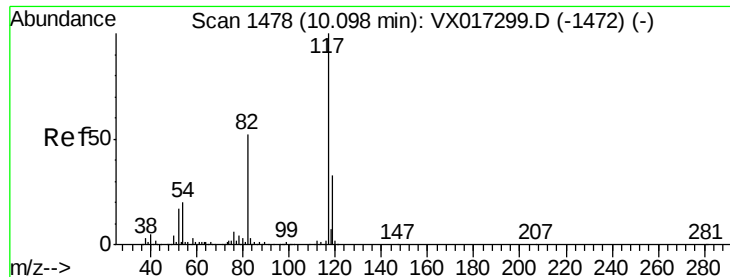
Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Tgt Ion:	173	Resp:	49327
Ion Ratio	Lower	Upper	
173	100		
175	50.7	38.4	57.6
254	8.5	7.0	10.4





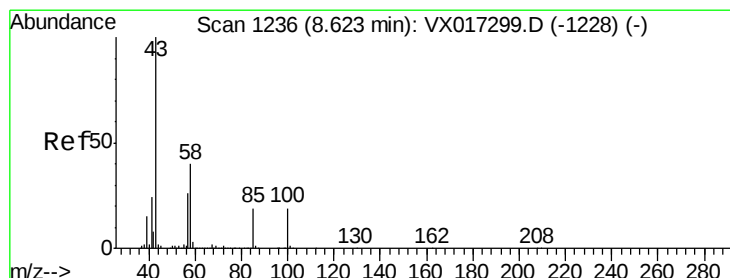
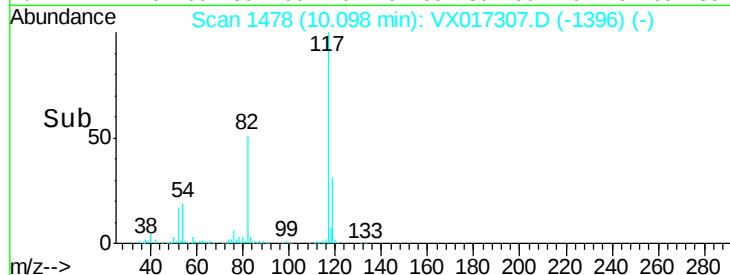
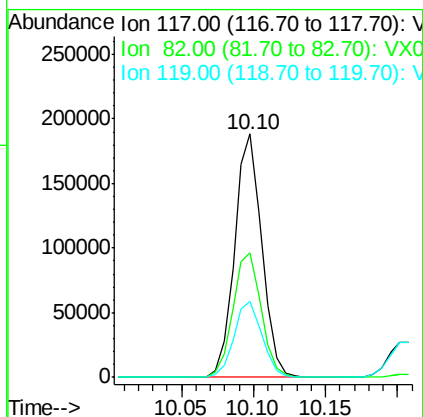
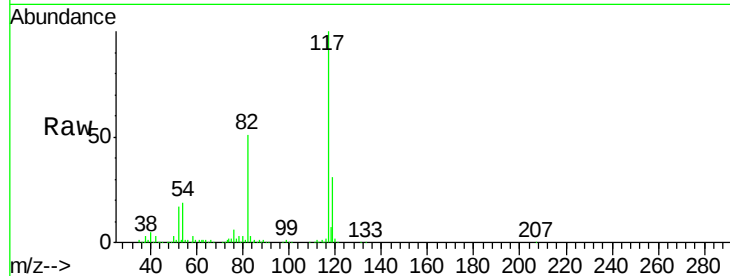
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampled :
VX0709WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	247899		
82	53.5	42.2	63.4	
119	32.3	26.4	39.6	

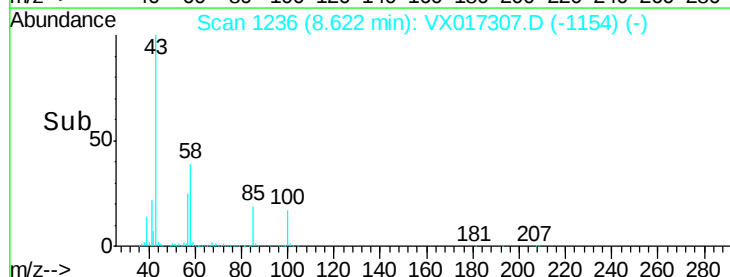
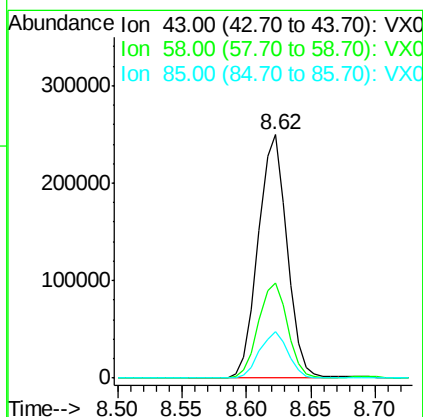
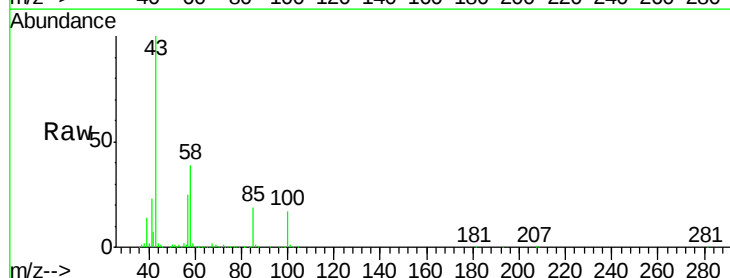
Manual Integrations
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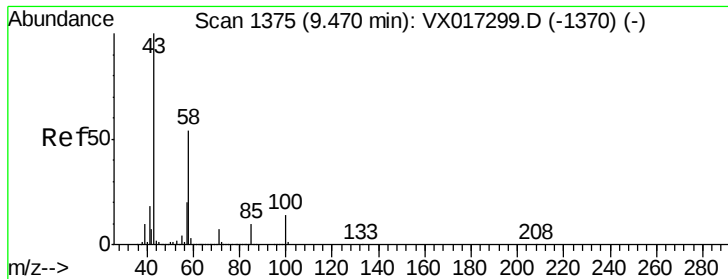
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 98.275 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	386022		
58	39.9	32.2	48.2	
85	18.9	14.8	22.2	





#59

2-Hexanone

Concen: 95.693 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

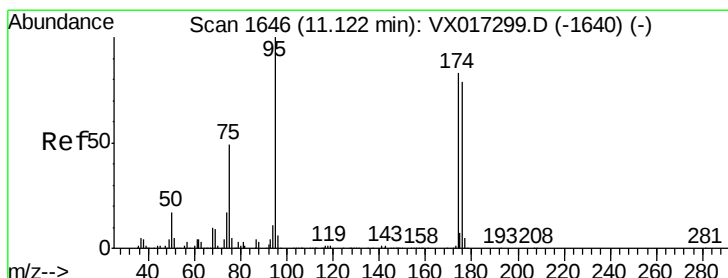
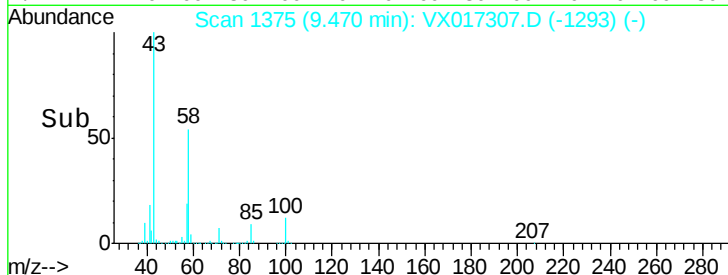
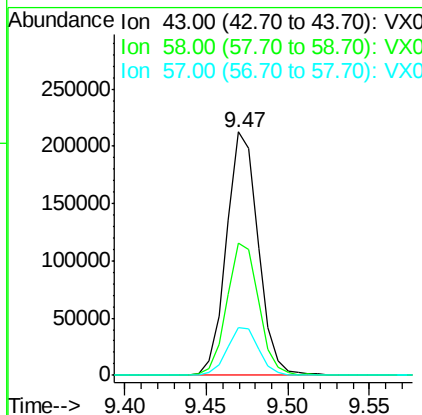
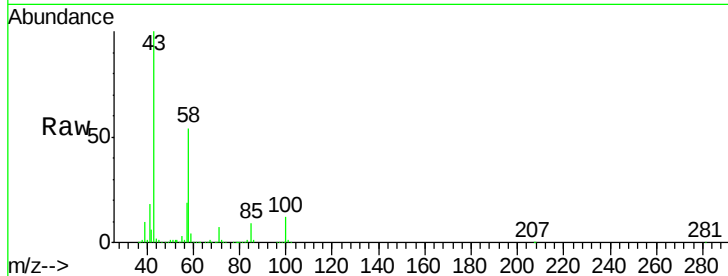
ClientSampleId :

VX0709WBS01

Tot Ion:	43	Resp:	286538
Ion Ratio	Lower	Upper	
43	100		
58	54.8	43.4	65.0
57	19.6	15.1	22.7

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#60

4-Bromofluorobenzene

Concen: 28.931 ug/l

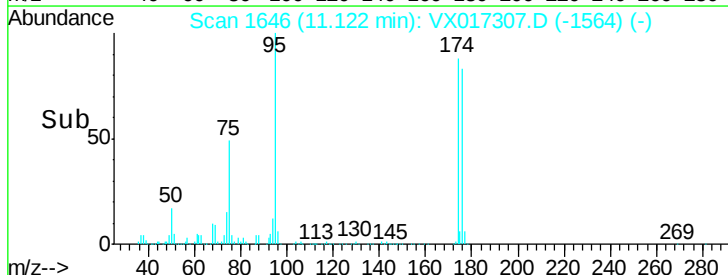
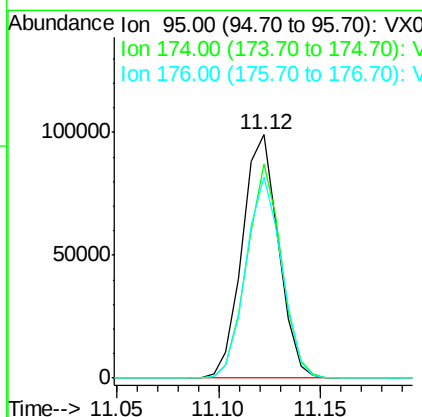
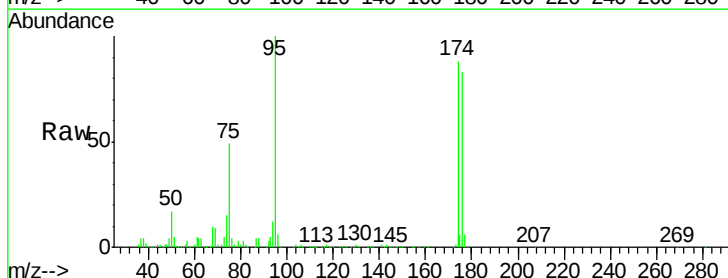
RT: 11.12 min Scan# 1646

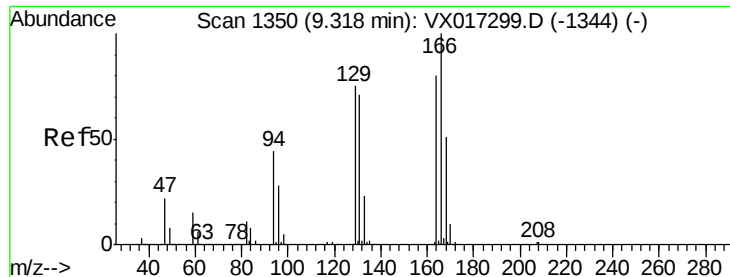
Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Tgt Ion:	95	Resp:	122355
Ion Ratio	Lower	Upper	
95	100		
174	84.3	66.9	100.3
176	82.2	65.5	98.3





#61

Tetrachloroethene

Concen: 20.090 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

Tot Ion:164 Resp: 63443

Ion Ratio Lower Upper

164 100

166 125.9 99.8 149.6

129 90.6 74.4 111.6

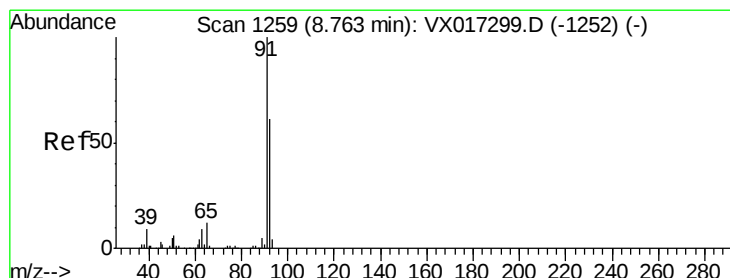
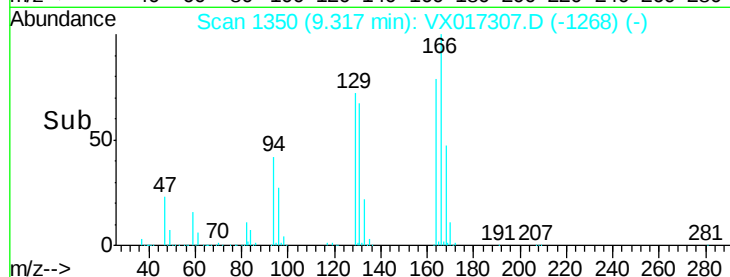
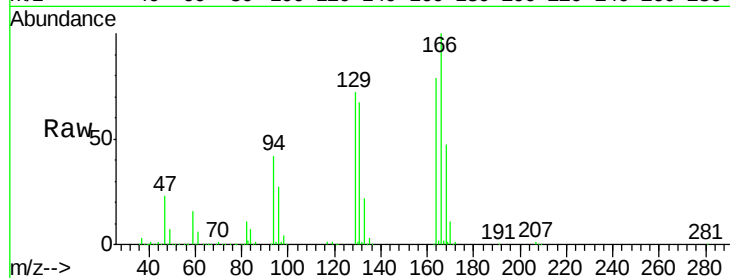
131 85.0 70.6 105.8

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#62

Toluene

Concen: 19.383 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017307.D

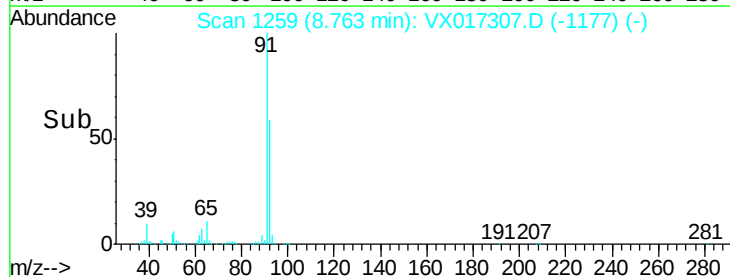
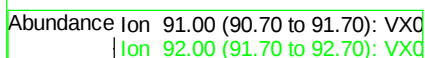
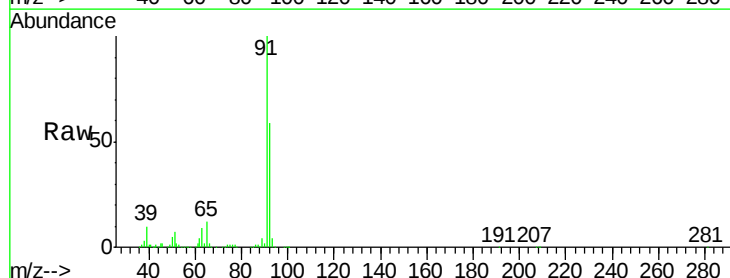
Acq: 09 Jul 2020 15:03

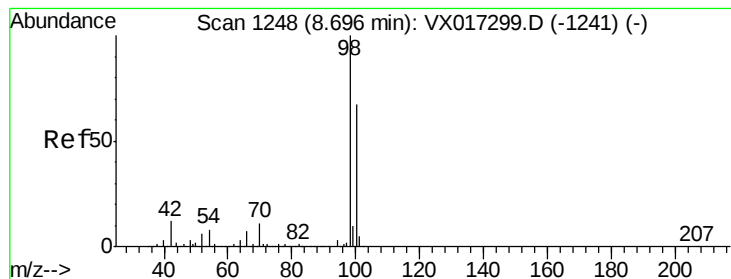
Tgt Ion: 91 Resp: 227475

Ion Ratio Lower Upper

91 100

92 59.3 47.2 70.8





#63

Toluene-d8

Concen: 30.958 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

Tot Ion: 98 Resp: 324624

Ion Ratio Lower Upper

98 100

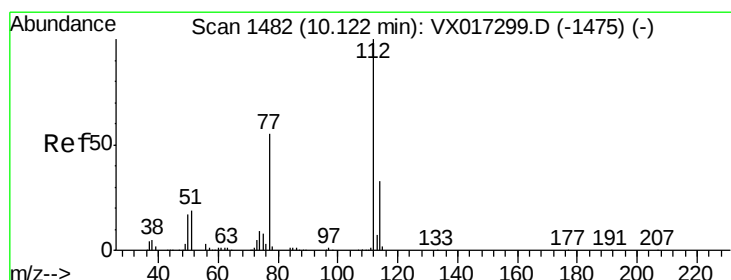
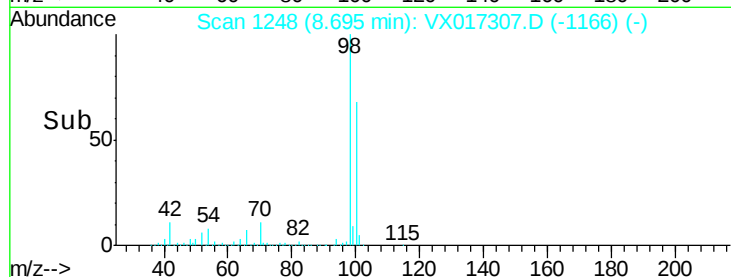
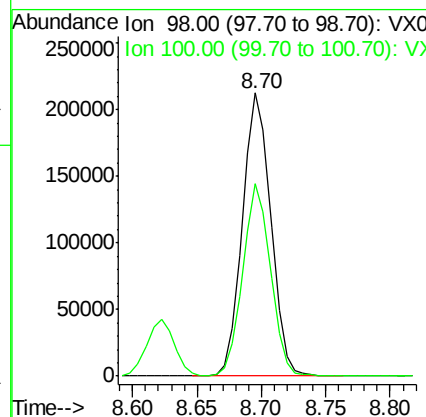
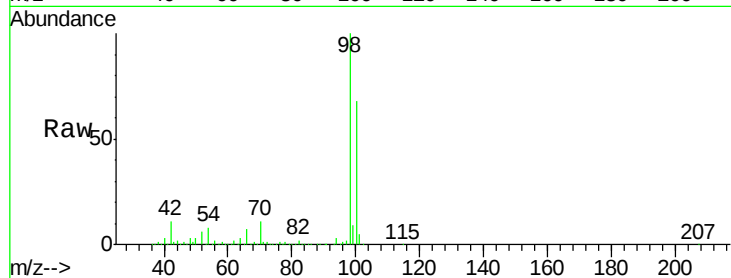
100 66.6 52.8 79.2

Manual Integrations

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#64

Chlorobenzene

Concen: 18.668 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017307.D

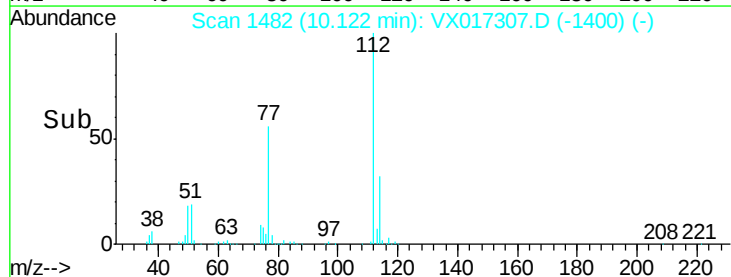
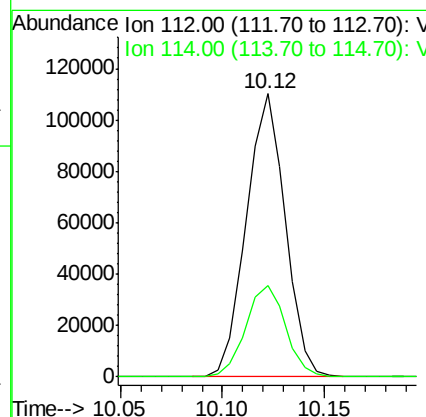
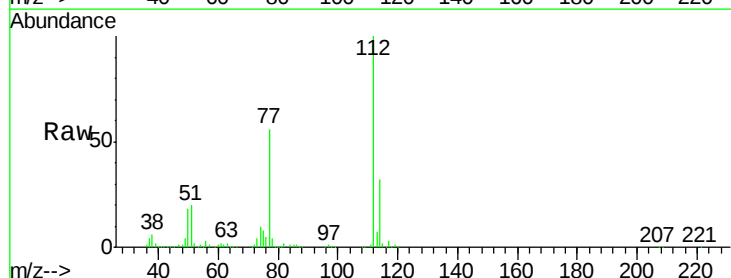
Acq: 09 Jul 2020 15:03

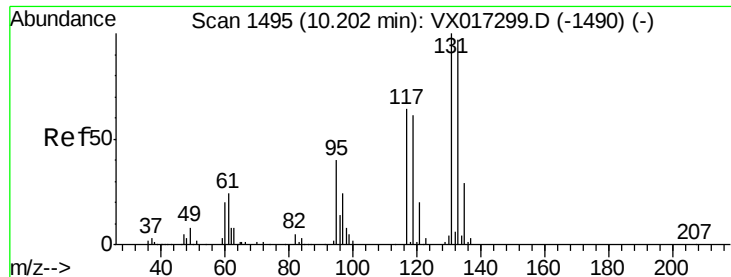
Tgt Ion: 112 Resp: 146172

Ion Ratio Lower Upper

112 100

114 32.4 26.2 39.2





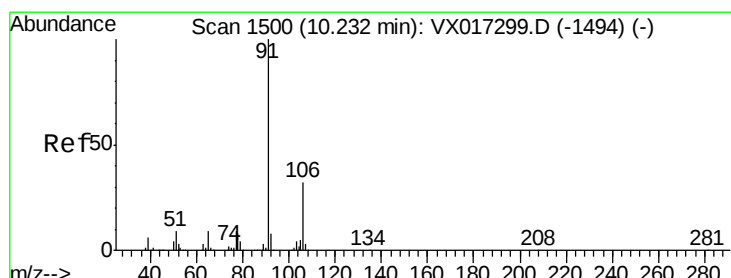
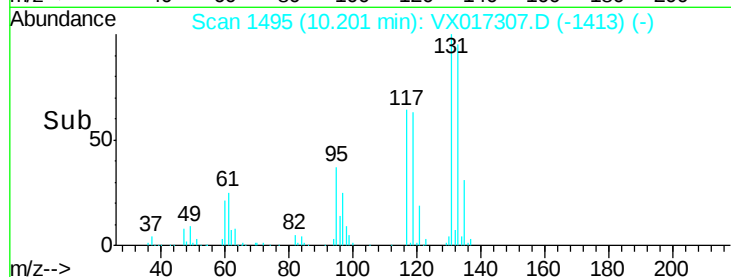
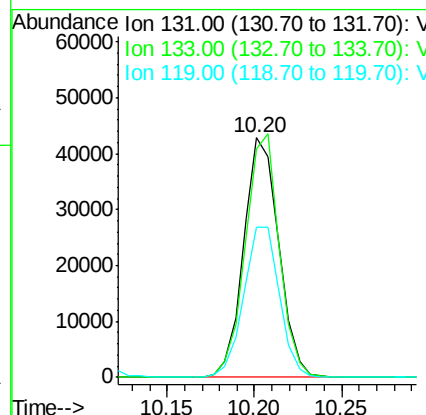
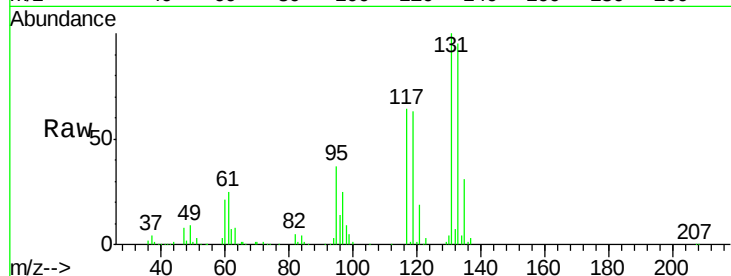
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.649 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	59660		
133	98.0	0.0	196.8	
119	64.0	0.0	126.0	

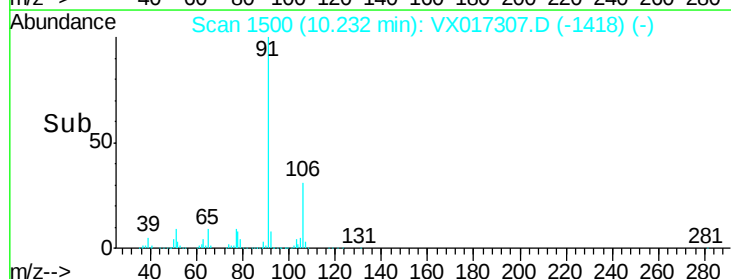
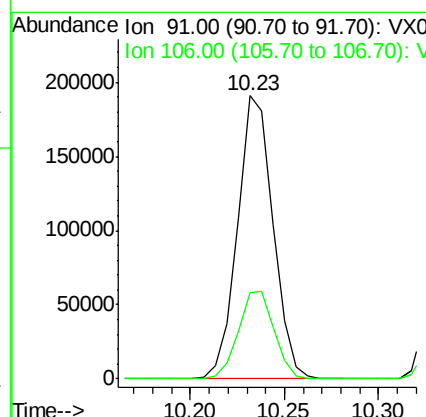
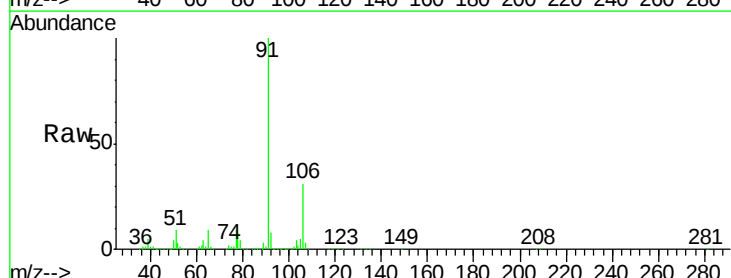
Manual Integrations
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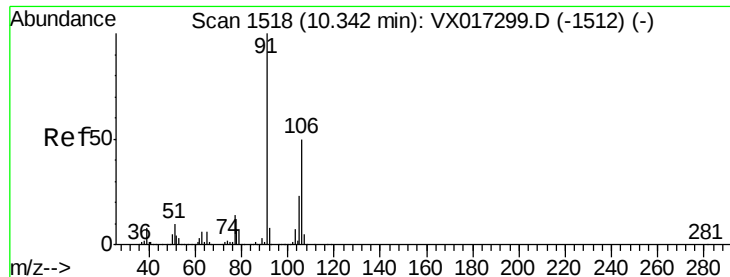
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#66
 Ethyl Benzene
 Concen: 18.885 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	249406		
106	30.7	25.2	37.8	





#67

m/p-Xvlenes

Concen: 37.876 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

Tot Ion:106 Resp: 193243

Ion Ratio Lower Upper

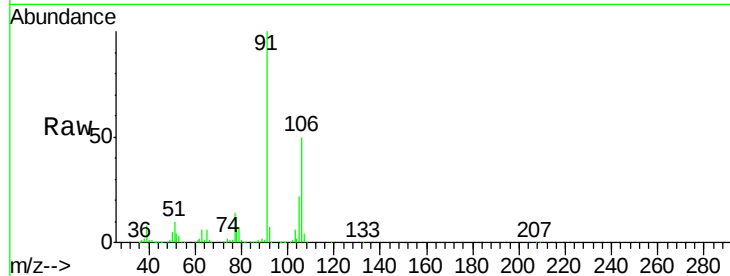
106 100

91 202.3 159.7 239.5

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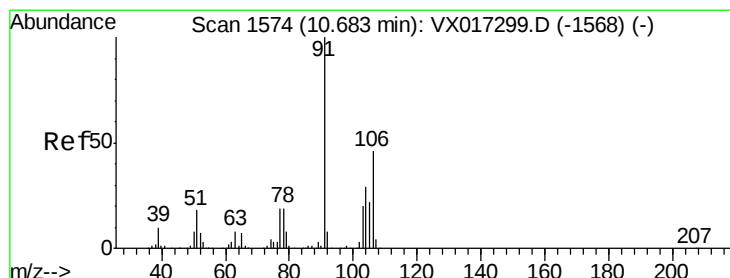
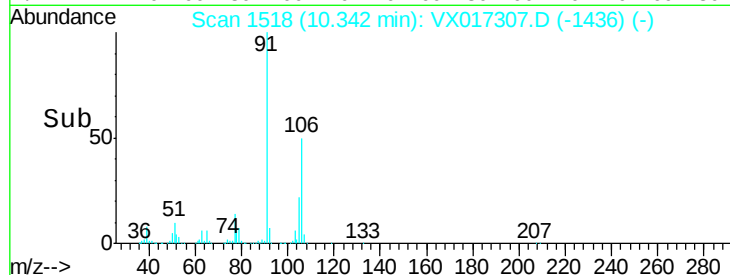
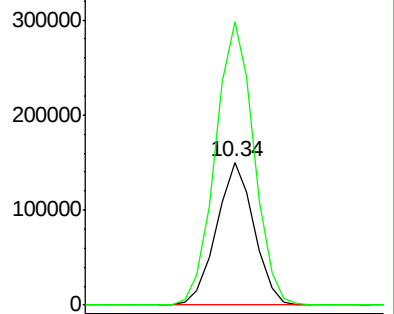
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.641 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017307.D

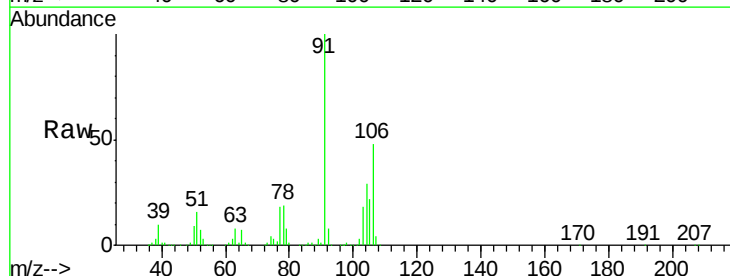
Acq: 09 Jul 2020 15:03

Tgt Ion:106 Resp: 90376

Ion Ratio Lower Upper

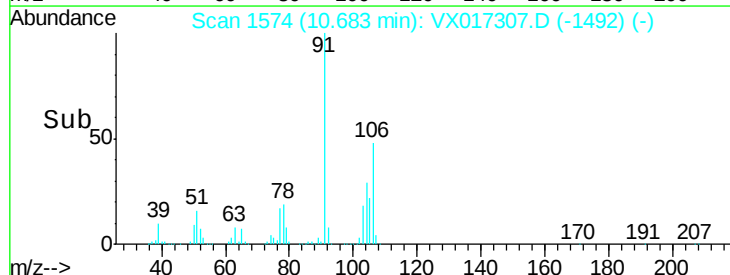
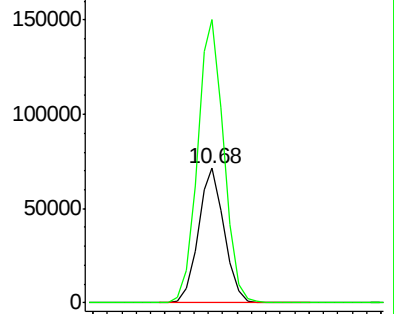
106 100

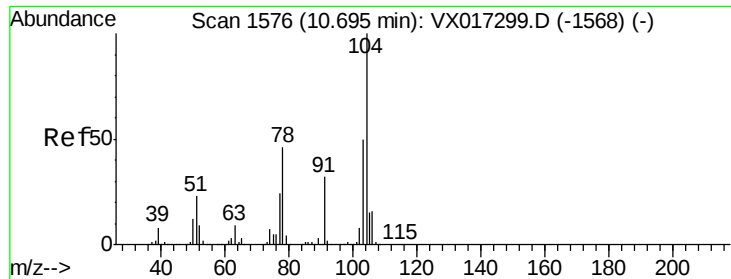
91 211.9 109.6 328.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





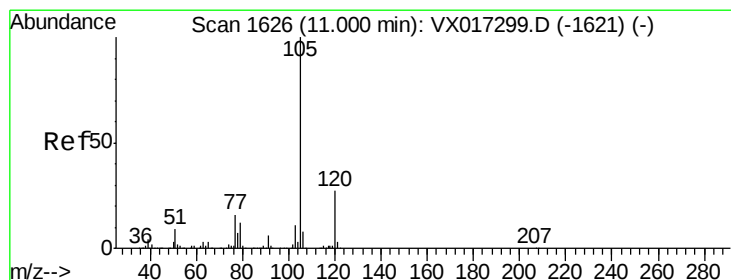
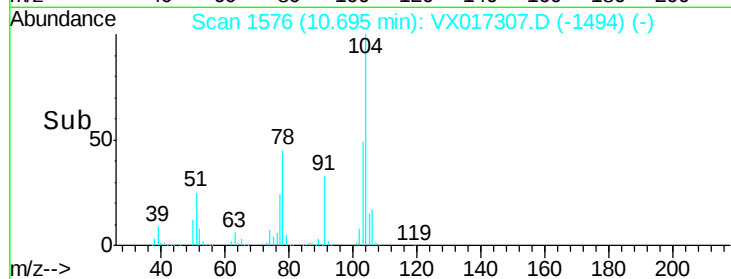
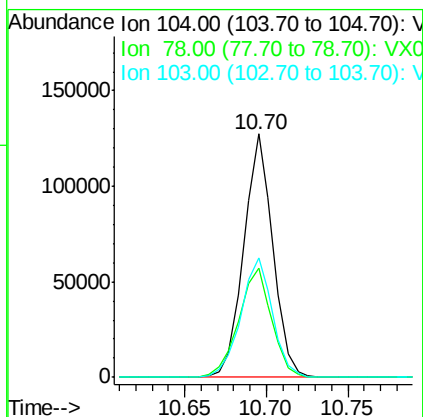
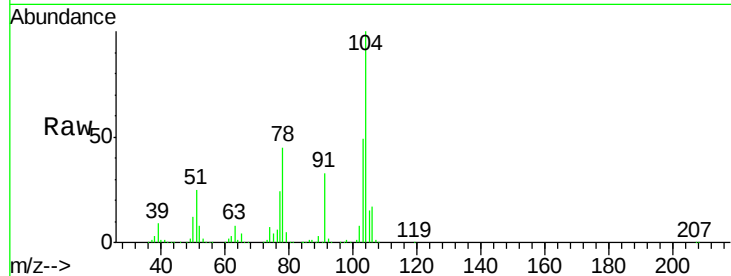
#69
Stvrene
Concen: 18.434 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	158507		
78	50.6		40.8	61.2
103	53.7		44.3	66.5

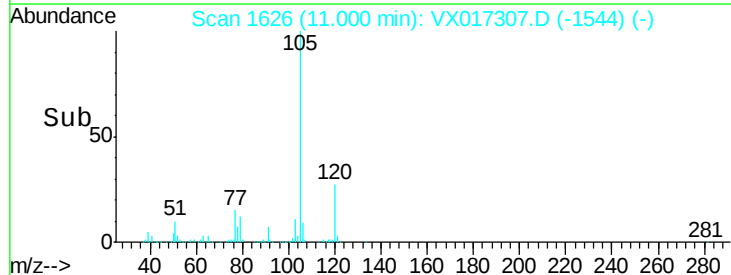
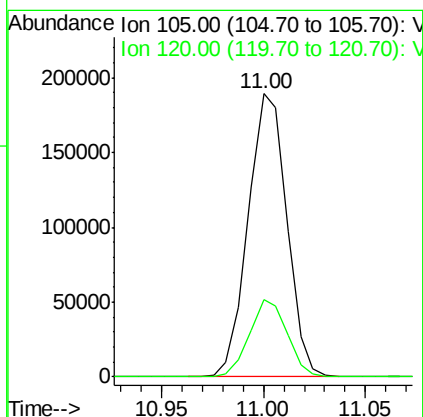
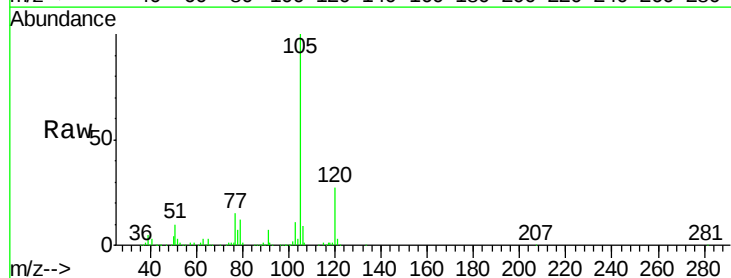
Manual Integrations
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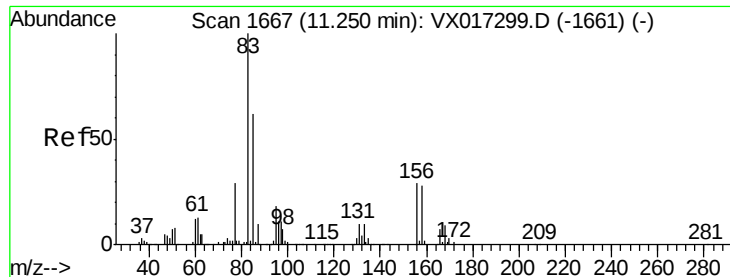
MMDadoda
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#70
Isopropylbenzene
Concen: 18.816 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	250253		
120	26.6		19.3	35.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.213 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

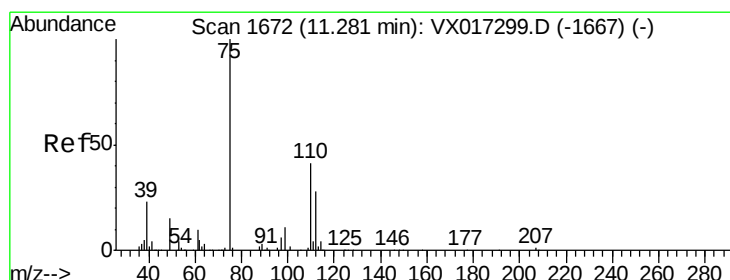
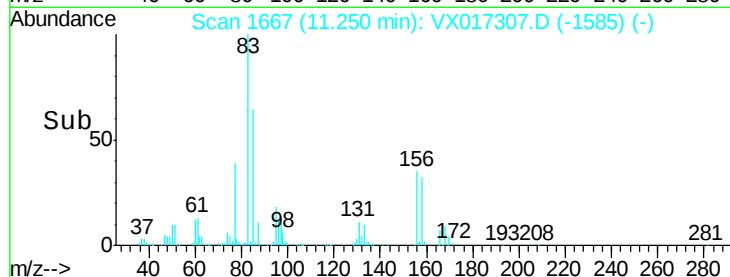
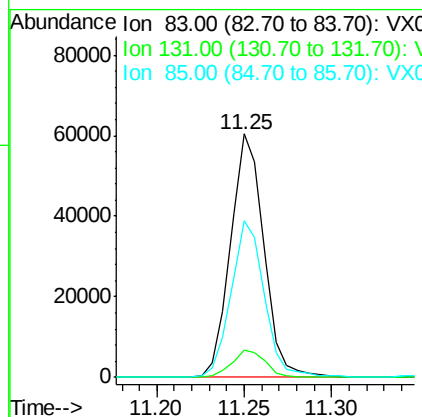
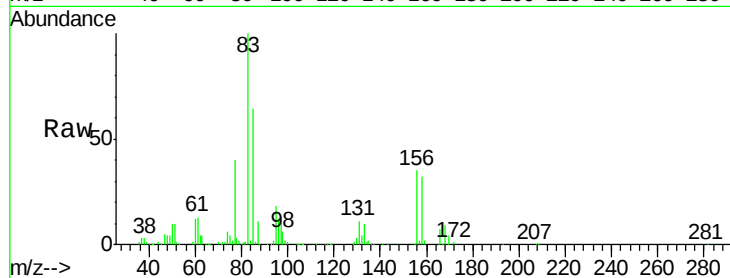
ClientSampleId :

VX0709WBS01

Tot Ion:	83	Resp:	80136
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.5	16.5
85	64.4	31.5	94.5

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 19.279 ug/l m

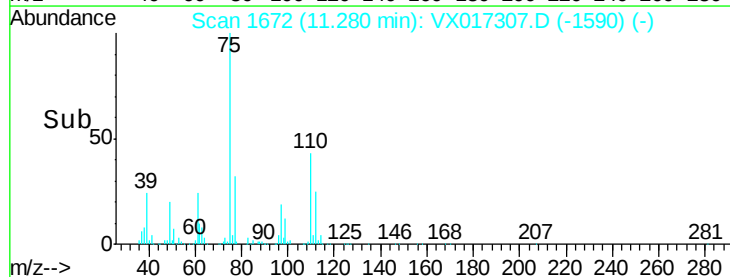
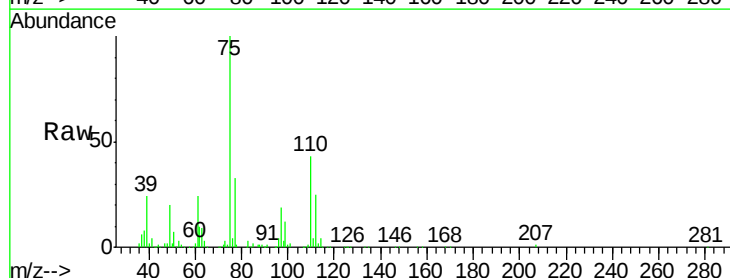
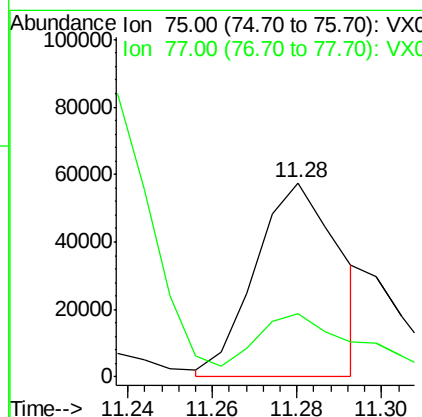
RT: 11.28 min Scan# 1672

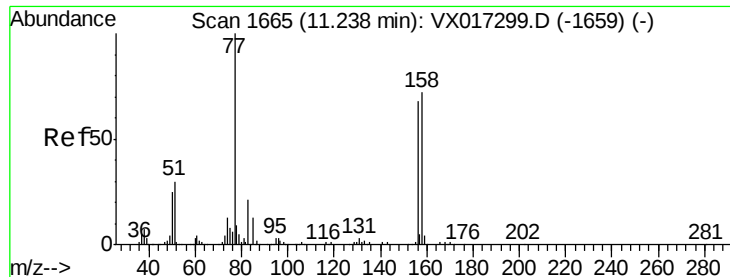
Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Tgt Ion:	75	Resp:	78989
Ion Ratio	Lower	Upper	
75	100		
77	38.1	0.0	72.2





#73

Bromobenzene

Concen: 18.833 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

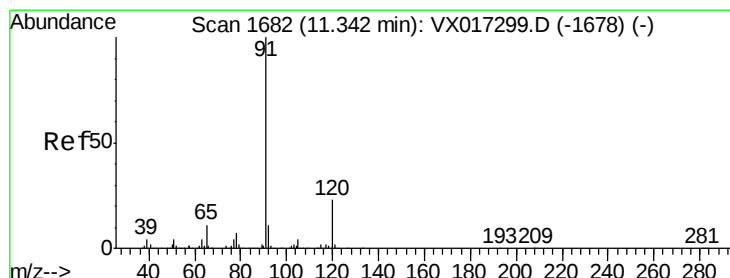
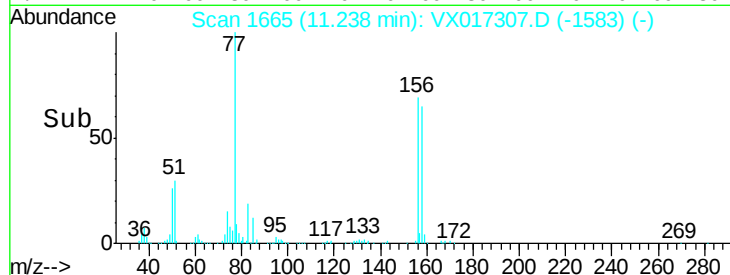
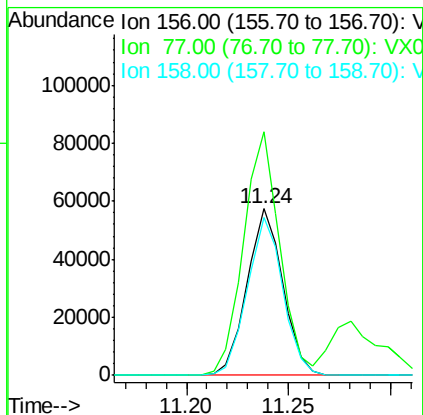
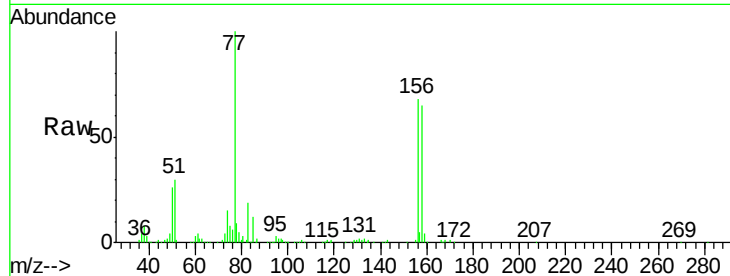
ClientSampleId :

VX0709WBS01

Tot Ion:	156	Resp:	70372
Ion Ratio	Lower	Upper	
156	100		
77	147.1	0.0	299.2
158	93.8	0.0	199.0

Manual Integrations
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#74

n-propylbenzene

Concen: 18.519 ug/l

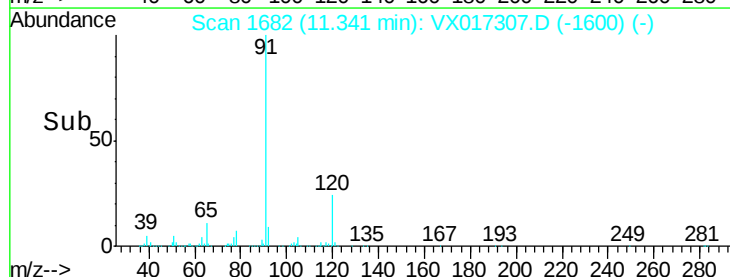
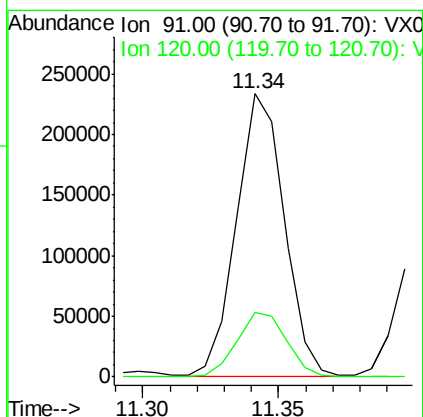
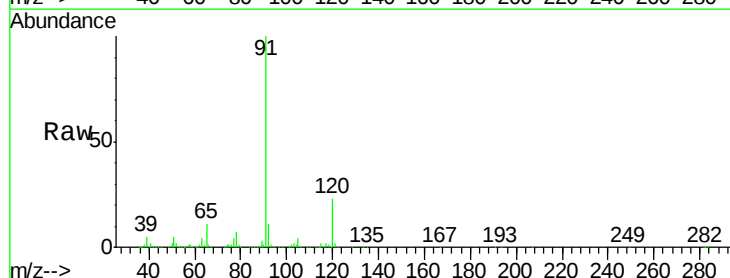
RT: 11.34 min Scan# 1682

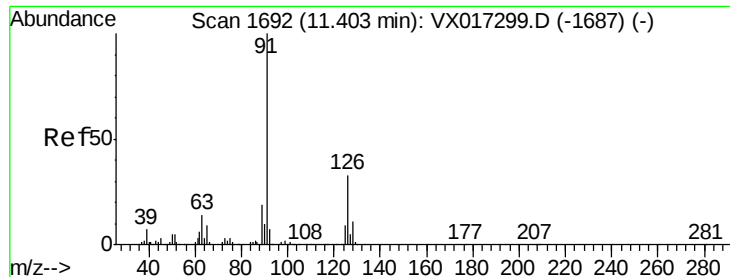
Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Tgt Ion:	91	Resp:	285323
Ion Ratio	Lower	Upper	
91	100		
120	23.7	0.0	48.4





#75

2-Chlorotoluene

Concen: 18.511 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

Tot Ion: 91 Resp: 173862

Ion Ratio Lower Upper

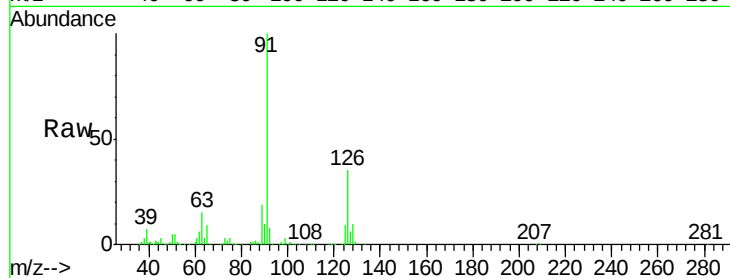
91 100

126 34.9 0.0 68.4

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX017299.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX017299.D (-1687) (-)

250000

200000

150000

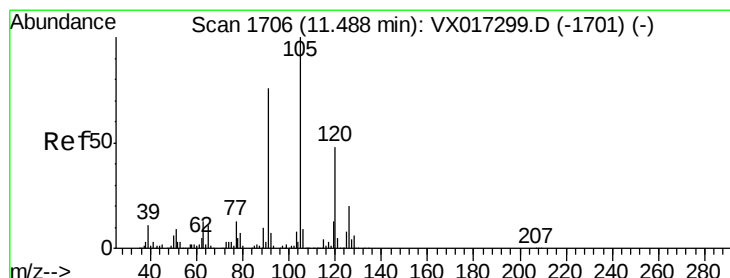
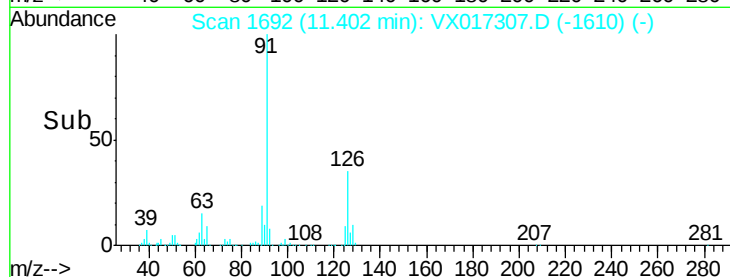
100000

50000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.523 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX017307.D

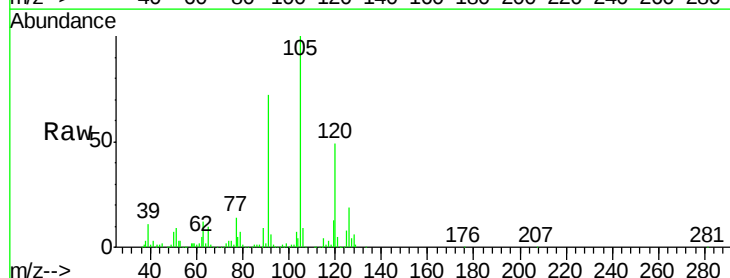
Acq: 09 Jul 2020 15:03

Tgt Ion: 105 Resp: 211345

Ion Ratio Lower Upper

105 100

120 49.8 0.0 98.8



Abundance Ion 105.00 (104.70 to 105.70): VX017299.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX017299.D (-1701) (-)

200000

150000

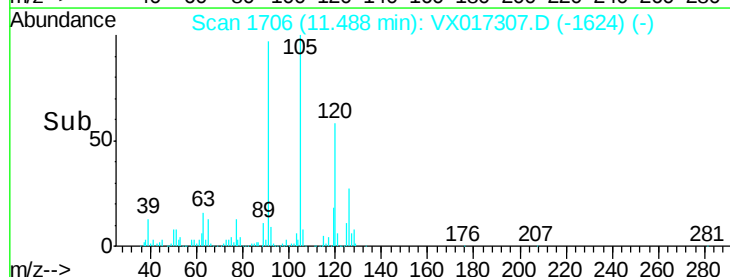
100000

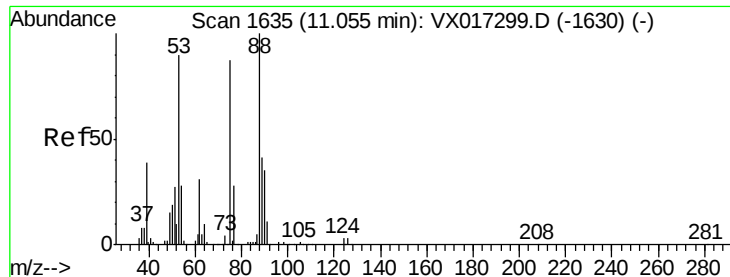
50000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 18.066 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

ClientSampleId :

VX0709WBS01

Tot Ion: 75 Resp: 28224

Ion Ratio Lower Upper

75 100

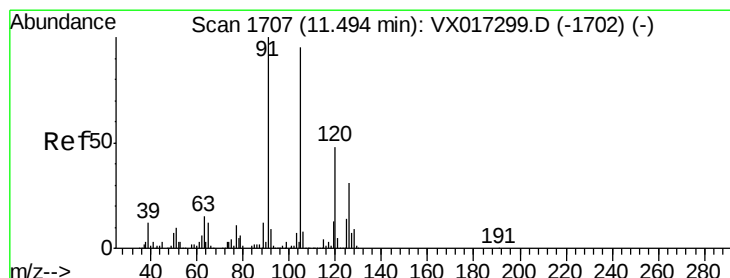
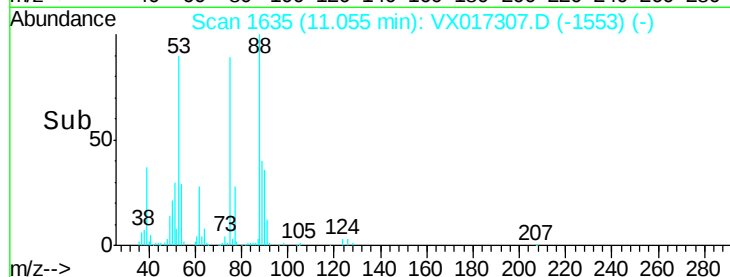
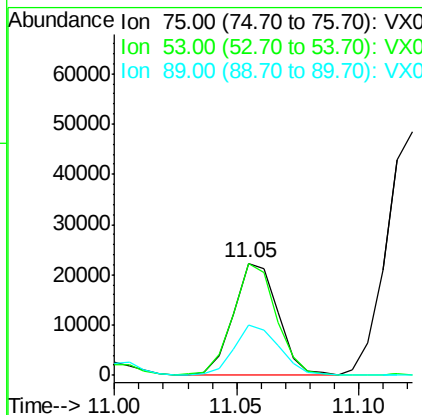
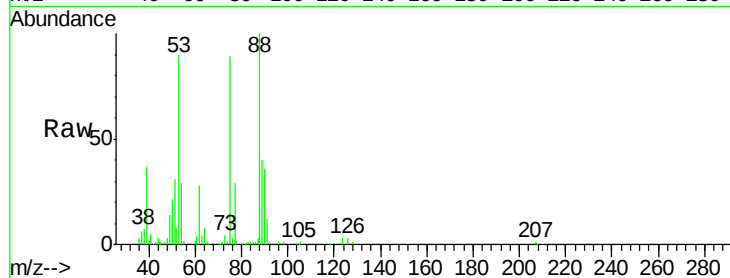
53 100.0 52.1 156.3

89 45.4 23.7 71.1

Manual Integrations
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#78

4-Chlorotoluene

Concen: 18.431 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017307.D

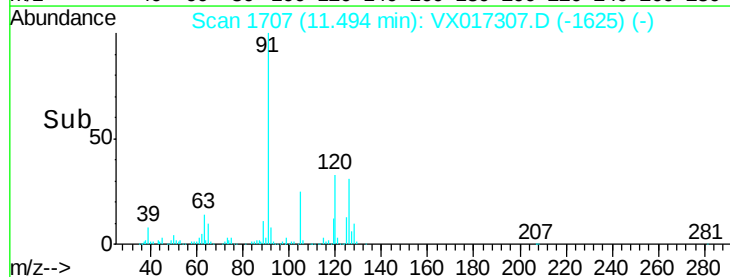
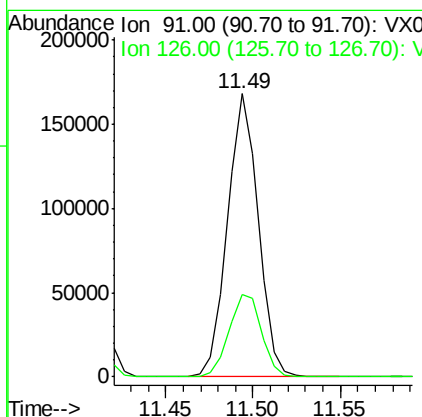
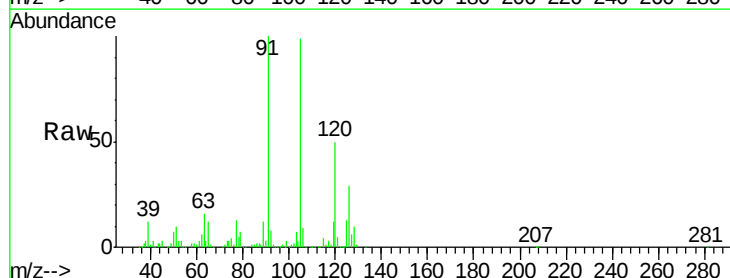
Acq: 09 Jul 2020 15:03

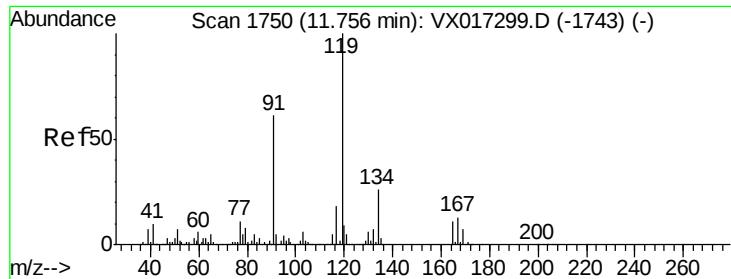
Tgt Ion: 91 Resp: 205220

Ion Ratio Lower Upper

91 100

126 30.7 0.0 61.2





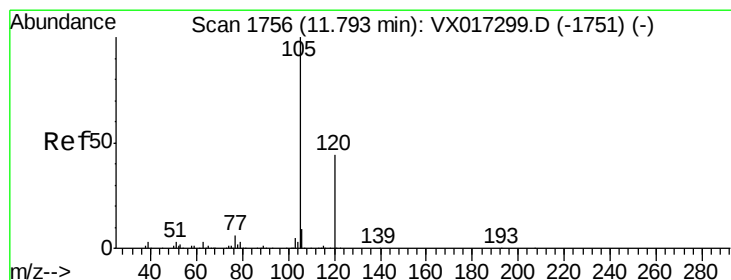
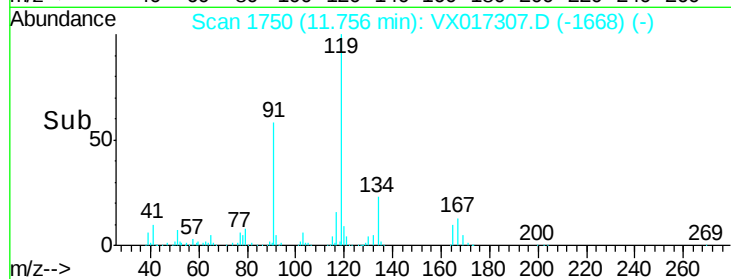
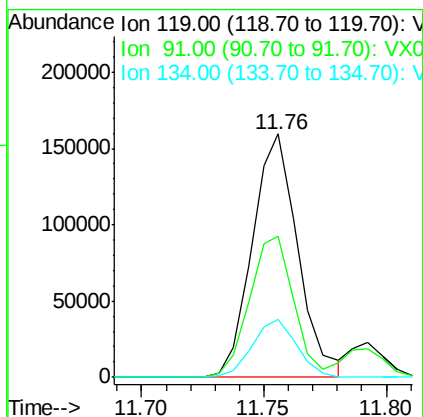
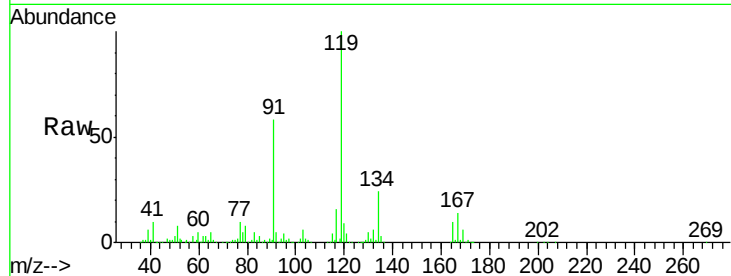
#79
tert-butylbenzene
Concen: 18.713 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	207195		
91	56.1	0.0	113.6	
134	23.2	0.0	48.0	

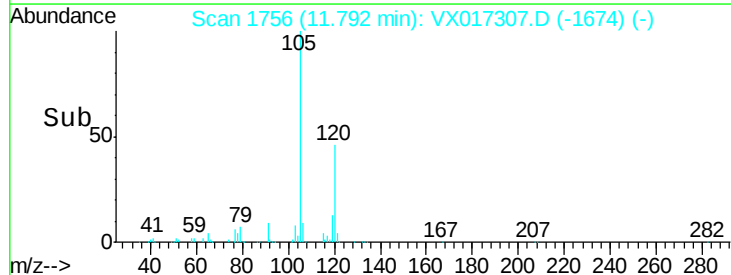
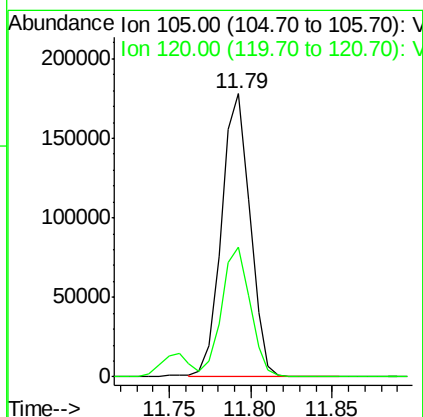
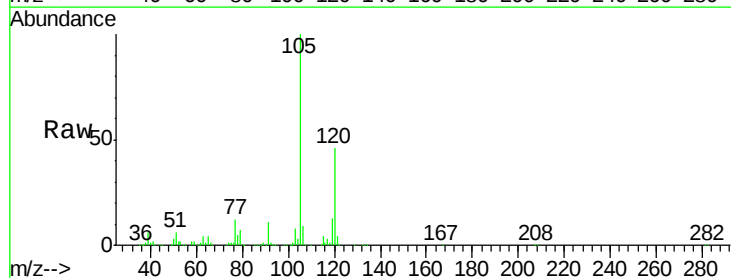
Manual Integrations
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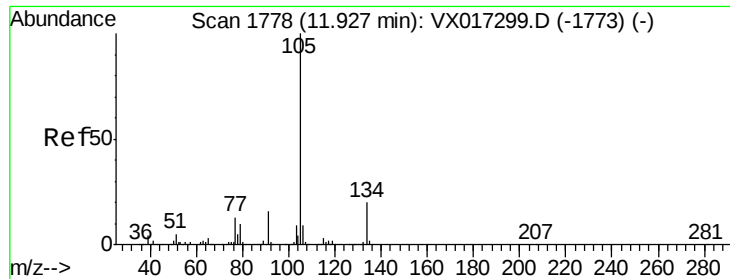
MMDadoda
7/10/2020 12:36:48 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.887 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217419		
120	45.9	0.0	93.6	





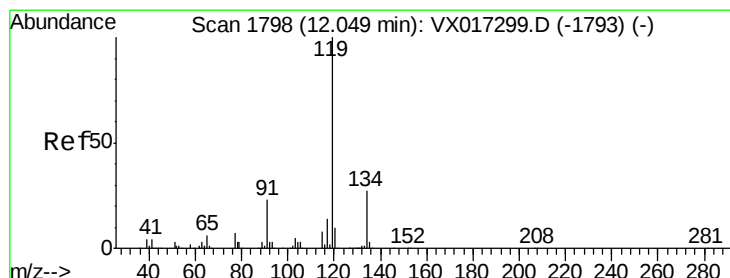
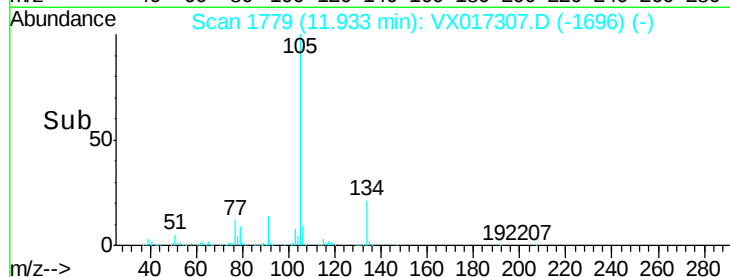
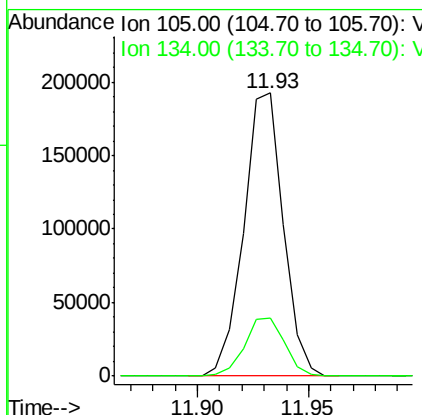
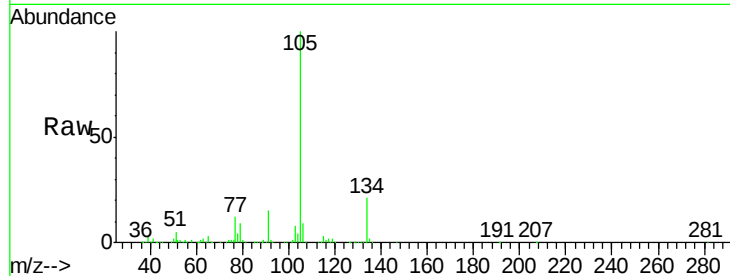
#81
 sec-Butylbenzene
 Concen: 18.689 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	238518		
134	21.0	0.0	41.8	

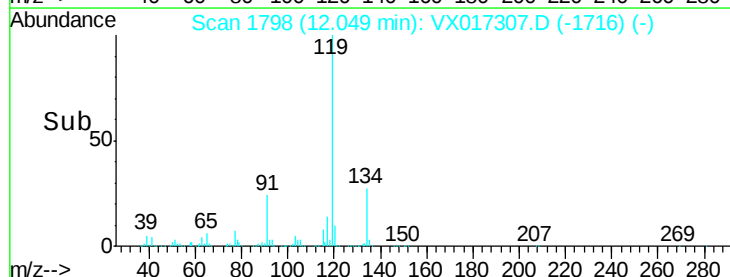
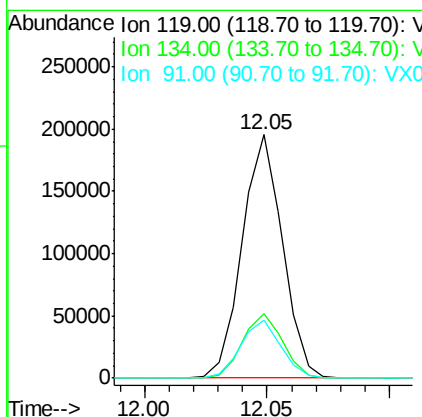
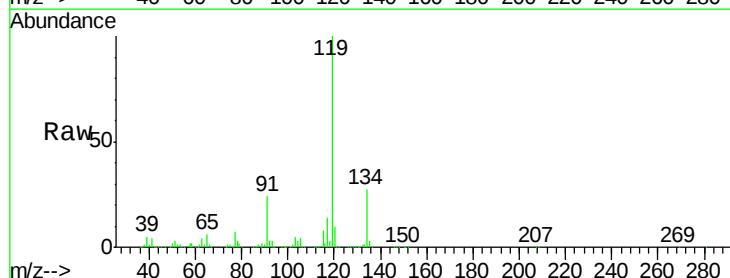
Manual Integrations
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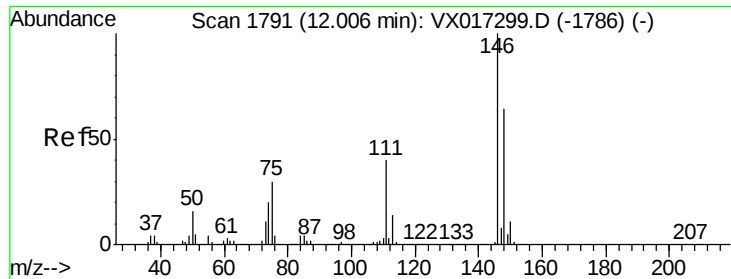
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 7/10/2020 12:36:48 PM



#82
 p-Isopropyltoluene
 Concen: 18.486 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	223085		
134	26.7	0.0	53.6	
91	24.0	0.0	48.0	





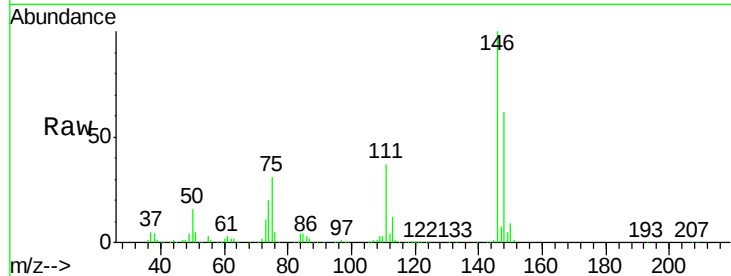
#83
 1,3-Dichlorobenzene
 Concen: 18.401 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

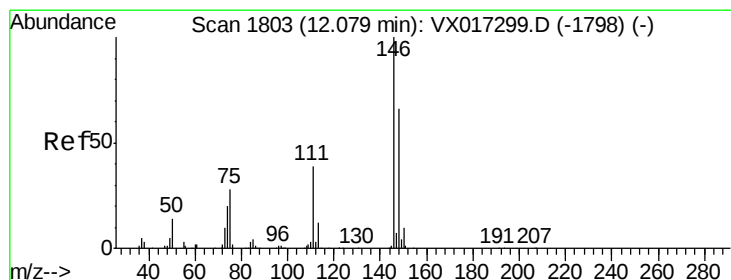
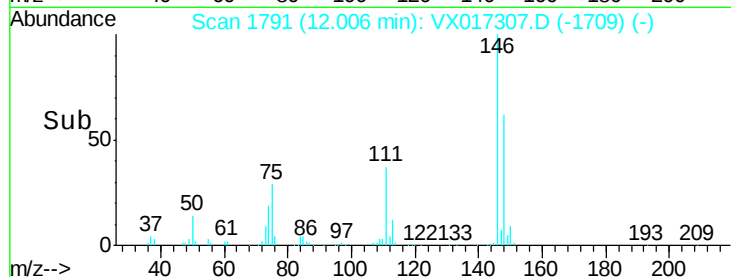
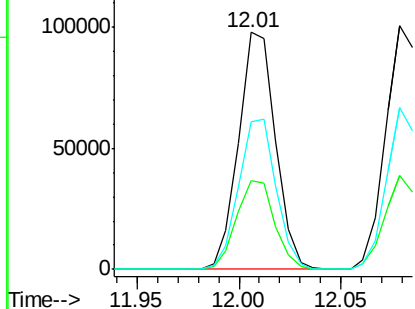
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	64.4	31.8	95.3

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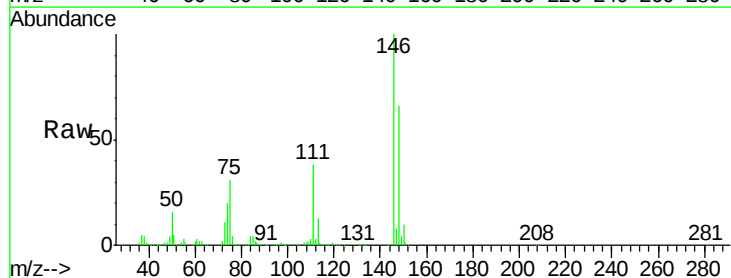


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

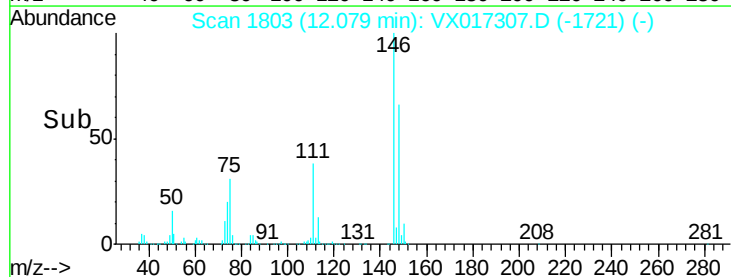
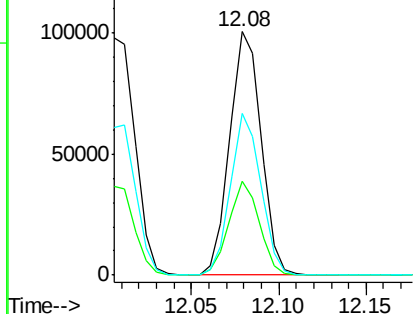


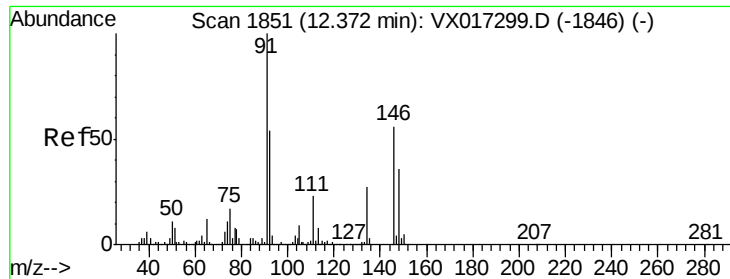
#84
 1,4-Dichlorobenzene
 Concen: 18.609 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	19.1	57.3
148	64.0	32.6	97.8



Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V





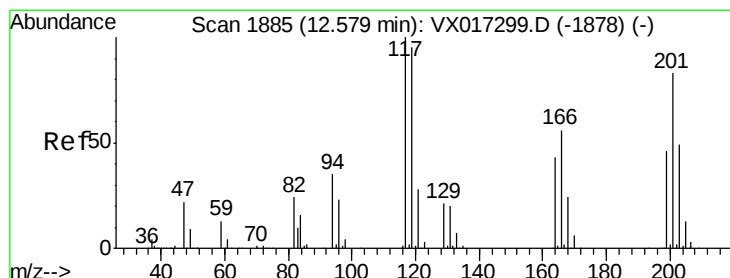
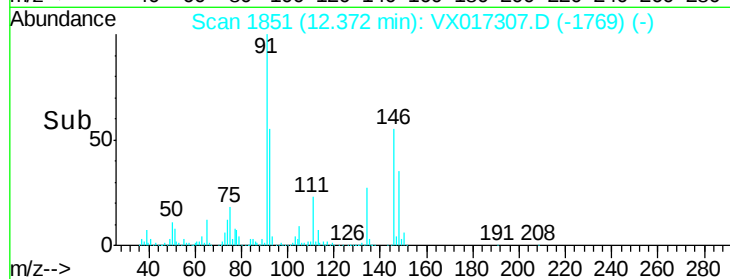
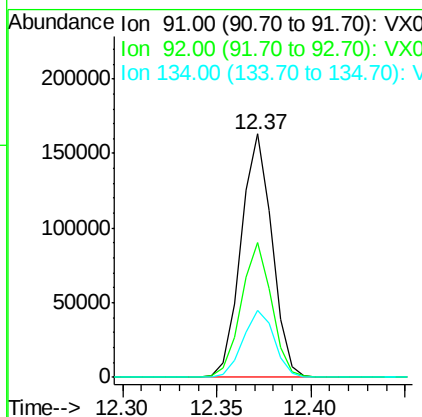
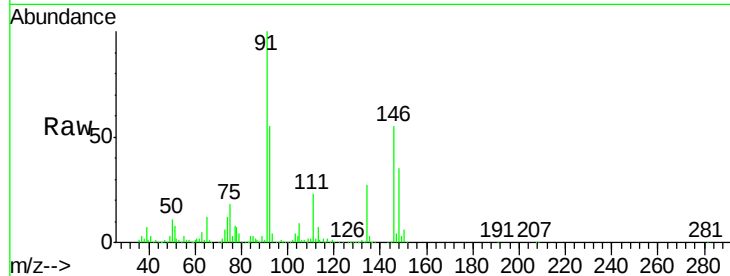
#85
n-Butylbenzene
Concen: 18.228 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	185863		
92	54.2	0.0	108.2	
134	27.7	0.0	54.2	

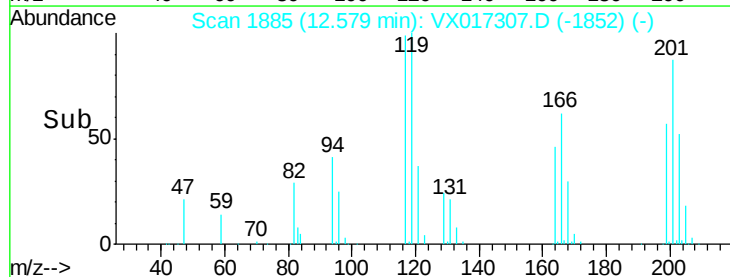
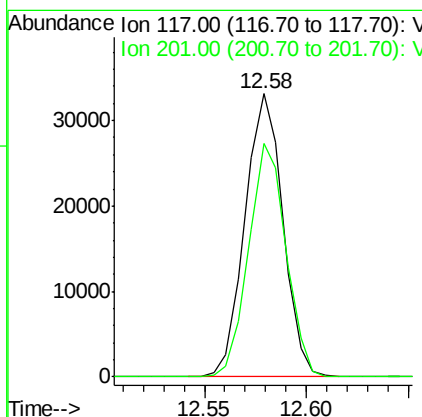
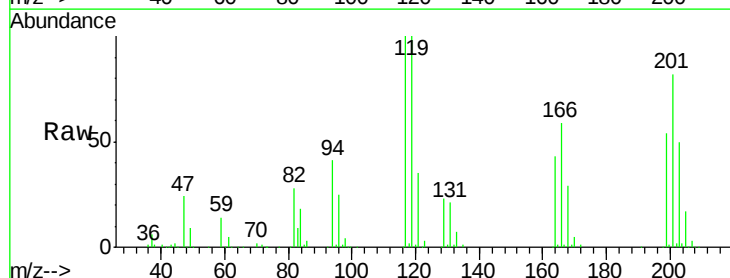
Manual Integrations
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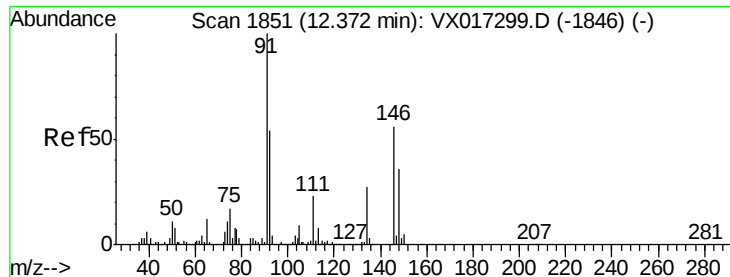
MMDadoda
7/10/2020 12:36:48 PM



#86
Hexachloroethane
Concen: 18.380 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42910		
201	81.2	41.0	123.0	





#87

1,2-Dichlorobenzene

Concen: 18.699 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Instrument :

MSVOA_X

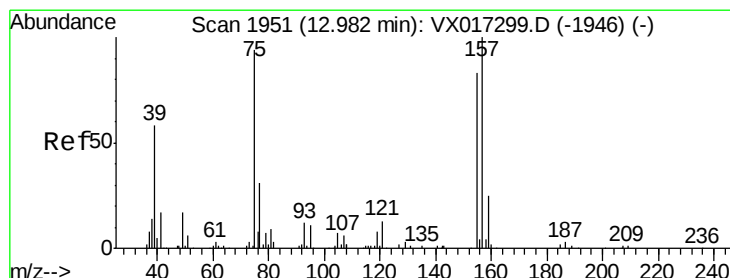
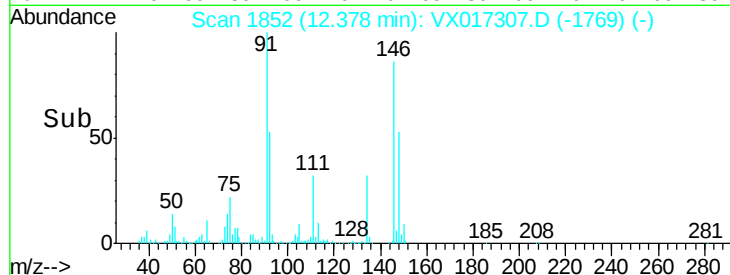
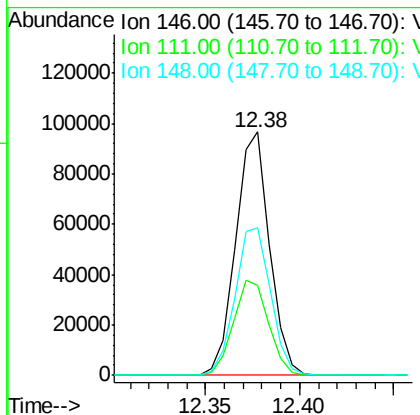
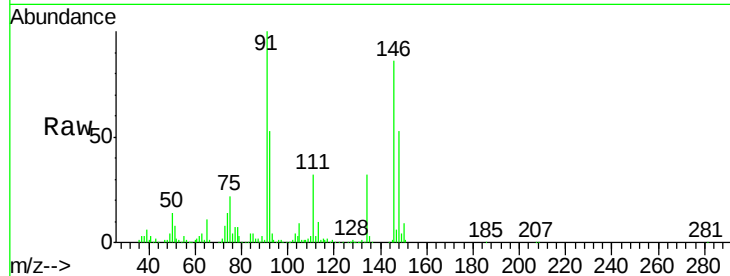
ClientSampleId :

VX0709WBS01

Tot Ion:	146	Resp:	120245
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.6	61.9
148	63.7	31.6	94.8

Manual Integrations
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7/10/2020 12:36:48 PM



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.681 ug/l

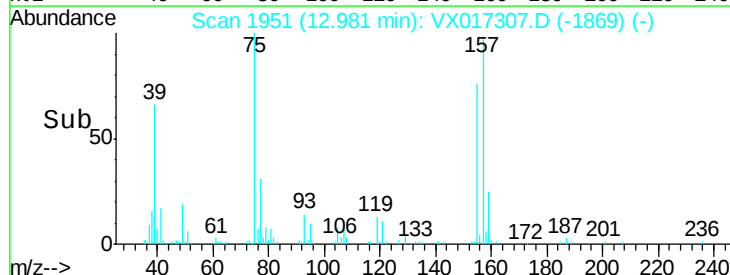
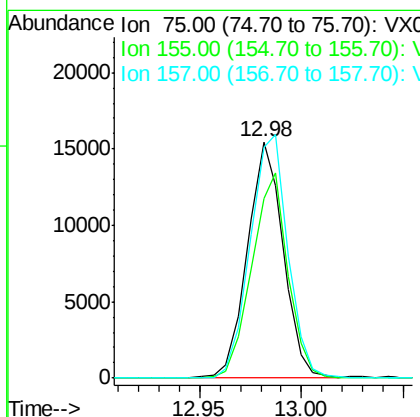
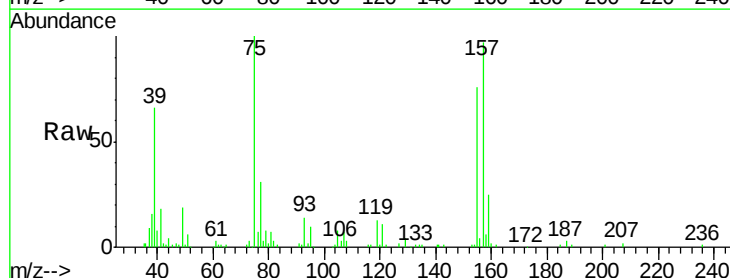
RT: 12.98 min Scan# 1951

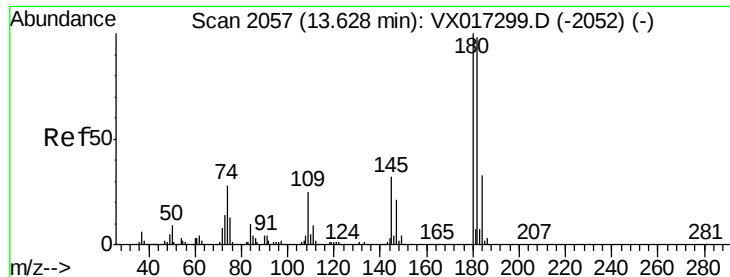
Delta R.T. -0.00 min

Lab File: VX017307.D

Acq: 09 Jul 2020 15:03

Tgt Ion:	75	Resp:	18878
Ion Ratio	Lower	Upper	
75	100		
155	87.5	73.4	110.0
157	108.5	90.5	135.7





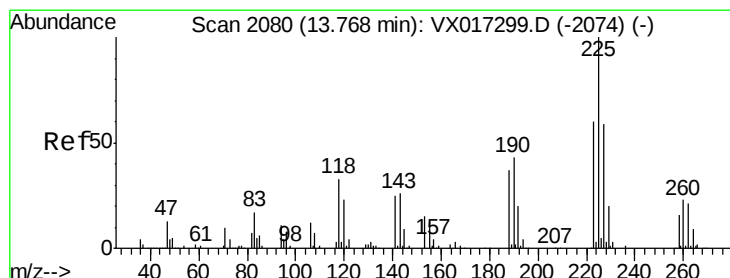
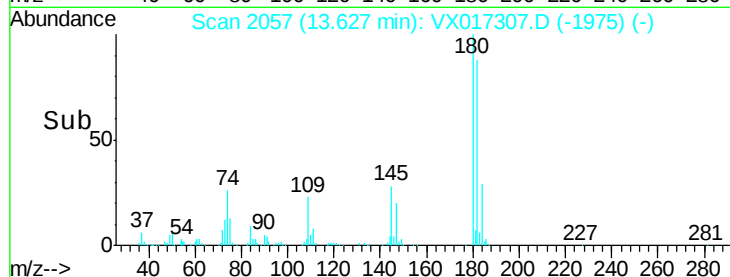
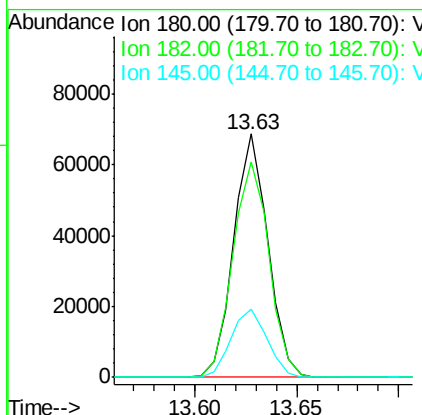
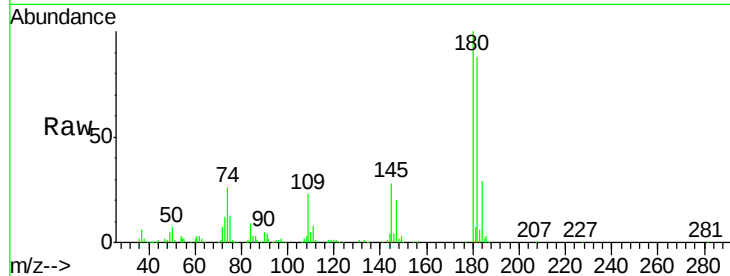
#89
 1,2,4-Trichlorobenzene
 Concen: 18.260 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0709WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	77.8	116.8
145	29.7	25.0	37.4

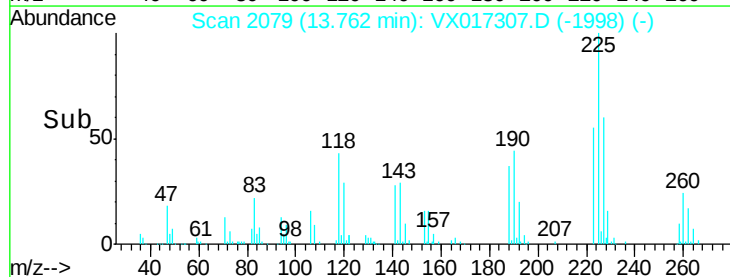
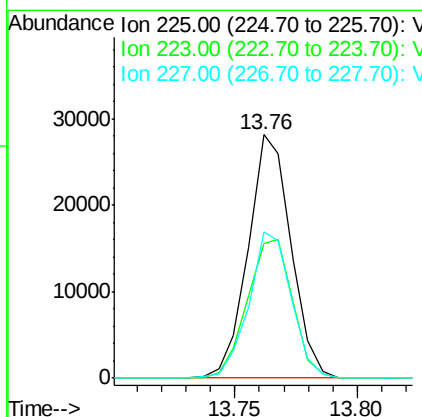
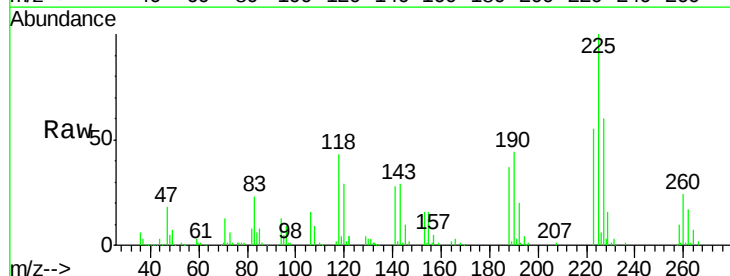
Manual Integrations
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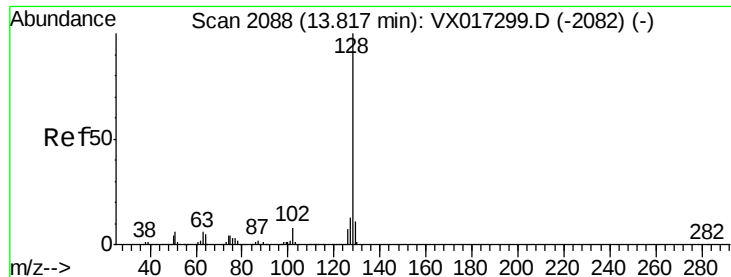
MMDadoda
 7/10/2020 12:36:48 PM



#90
 Hexachlorobutadiene
 Concen: 19.679 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017307.D
 Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	0.0	129.0
227	59.5	0.0	124.4





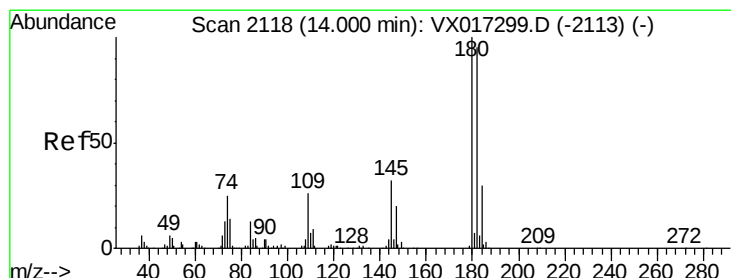
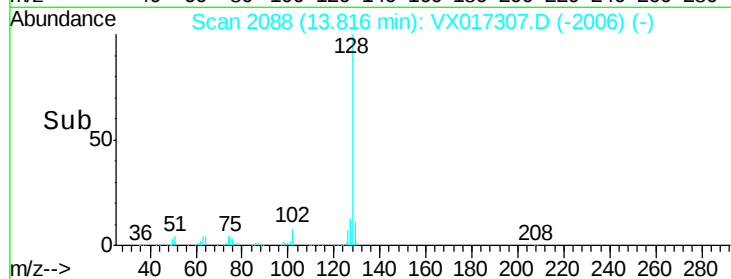
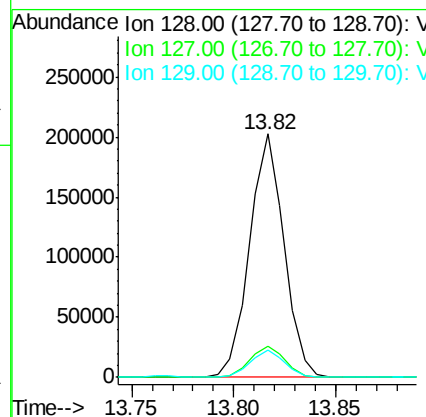
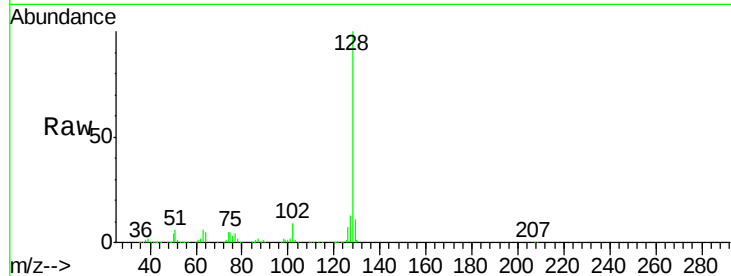
#91
Naphthalene
Concen: 17.776 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Instrument :
MSVOA_X
ClientSampleId :
VX0709WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	11.2	9.0	13.4

Manual Integrations
APPROVED

MMDadoda
7/10/2020 12:36:48 PM



#92
1,2,3-Trichlorobenzene
Concen: 17.954 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017307.D
Acq: 09 Jul 2020 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	0.0	185.6
145	32.0	0.0	63.0

