

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082020\
 Data File : VX018027.D
 Acq On : 20 Aug 2020 12:16
 Operator : JC/SP
 Sample : VX0820WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 10:50:54 AM

Quant Time: Aug 21 01:30:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	524911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	807271	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	771561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	396947	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	353282	45.91	ug/l	0.00
Spiked Amount			Recovery	=	91.82%	
35) Dibromofluoromethane	5.46	113	282244	46.95	ug/l	0.00
Spiked Amount			Recovery	=	93.90%	
50) Toluene-d8	8.70	98	980234	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	11.12	95	384216	48.95	ug/l	0.00
Spiked Amount			Recovery	=	97.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	136591	17.869	ug/l	96
3) Chloromethane	1.31	50	122015	16.997	ug/l	99
4) Vinyl Chloride	1.39	62	120366	17.723	ug/l	99
5) Bromomethane	1.63	94	78216	19.470	ug/l	95
6) Chloroethane	1.72	64	70147	17.819	ug/l	94
7) Trichlorofluoromethane	1.92	101	178984	16.283	ug/l	97
8) Diethyl Ether	2.17	74	55791	17.415	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	87578	16.940	ug/l	97
10) Methyl Iodide	2.49	142	83364	12.505	ug/l	99
11) Tert butyl alcohol	3.01	59	119805	80.641	ug/l	98
12) 1,1-Dichloroethene	2.36	96	79795	16.865	ug/l	98
13) Acrolein	2.27	56	76684	97.712	ug/l	98
14) Allyl chloride	2.71	41	153539	18.195	ug/l	98
15) Acrylonitrile	3.11	53	293631	90.500	ug/l	100
16) Acetone	2.42	43	260065	85.909	ug/l	99
17) Carbon Disulfide	2.55	76	195972	17.071	ug/l	97
18) Methyl Acetate	2.75	43	143604	18.852	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	342685	18.944	ug/l	100
20) Methylene Chloride	2.84	84	100871	18.086	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	84652	17.404	ug/l	90
22) Diisopropyl ether	3.82	45	342923	19.386	ug/l	98
23) Vinyl Acetate	3.78	43	1249504	92.433	ug/l	99
24) 1,1-Dichloroethane	3.67	63	177620	18.113	ug/l	99
25) 2-Butanone	4.64	43	405502	88.480	ug/l	98
26) 2,2-Dichloropropane	4.55	77	150355	16.838	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	104936	18.289	ug/l	100
28) Bromochloromethane	4.98	49	93668	18.484	ug/l	# 8
29) Tetrahydrofuran	5.09	42	260258	91.437	ug/l	98
30) Chloroform	5.17	83	189449	17.675	ug/l	99
31) Cyclohexane	5.55	56	148933	18.730	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	162967	16.761	ug/l	99
36) 1,1-Dichloropropene	5.77	75	122414	18.117	ug/l	98
37) Ethyl Acetate	4.79	43	145550	18.004	ug/l	99
38) Carbon Tetrachloride	5.75	117	146541	16.757	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	137384	16.430	ug/l	94
40) Benzene	6.11	78	364352	17.903	ug/l	99
41) Methacrylonitrile	5.00	41	84420	18.219	ug/l	98
42) 1,2-Dichloroethane	6.16	62	154817	17.909	ug/l	99
43) Isopropyl Acetate	6.42	43	237310	18.184	ug/l	99
44) Trichloroethene	7.19	130	104900	17.381	ug/l	91
45) 1,2-Dichloropropane	7.49	63	105083	18.021	ug/l	94
46) Dibromomethane	7.63	93	73057	17.952	ug/l	98
47) Bromodichloromethane	7.88	83	158341	17.923	ug/l	97
48) Methyl methacrylate	7.74	41	117537	18.167	ug/l	97
49) 1,4-Dioxane	7.71	88	41288	311.717	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	805379	91.656	ug/l	99
52) Toluene	8.76	92	236823	17.787	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	165348	17.696	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	175046	17.967	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	110080	17.996	ug/l	97
56) Ethyl methacrylate	9.16	69	162310	18.768	ug/l	98
57) 1,3-Dichloropropane	9.35	76	177767	18.299	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	363317	86.751	ug/l	98
59) 2-Hexanone	9.47	43	602460	90.484	ug/l	99
60) Dibromochloromethane	9.56	129	128307	16.795	ug/l	100
61) 1,2-Dibromoethane	9.65	107	115023	16.977	ug/l	97
64) Tetrachloroethene	9.32	164	103584	17.580	ug/l	94
65) Chlorobenzene	10.12	112	278107	18.159	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	114173	17.623	ug/l	99
67) Ethyl Benzene	10.24	91	465297	18.429	ug/l	98
68) m/p-Xylenes	10.34	106	347819	35.784	ug/l	99
69) o-Xylene	10.68	106	170304	18.169	ug/l	98
70) Styrene	10.70	104	304520	18.831	ug/l	98
71) Bromoform	10.84	173	98400	16.922	ug/l #	99
73) Isopropylbenzene	11.00	105	471109	18.439	ug/l	100
74) N-amyl acetate	10.88	43	217463	19.136	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	167484	18.791	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	164410m	19.476	ug/l	
77) Bromobenzene	11.24	156	133102	18.777	ug/l	97
78) n-propylbenzene	11.34	91	528334	17.680	ug/l	99
79) 2-Chlorotoluene	11.40	91	332276	18.245	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	405420	18.077	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	59182	18.418	ug/l	100
82) 4-Chlorotoluene	11.49	91	395822	18.482	ug/l	100
83) tert-Butylbenzene	11.76	119	383564	18.110	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	407970	17.571	ug/l	98
85) sec-Butylbenzene	11.93	105	432915	16.933	ug/l	100
86) p-Isopropyltoluene	12.05	119	404427	17.005	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	233024	18.061	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	241118	19.076	ug/l	99
89) n-Butylbenzene	12.37	91	361496	18.365	ug/l	98
90) Hexachloroethane	12.58	117	76781	16.233	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	234798	19.714	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41896	18.453	ug/l	97

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ClientSampleId :
VX0820WBSD01

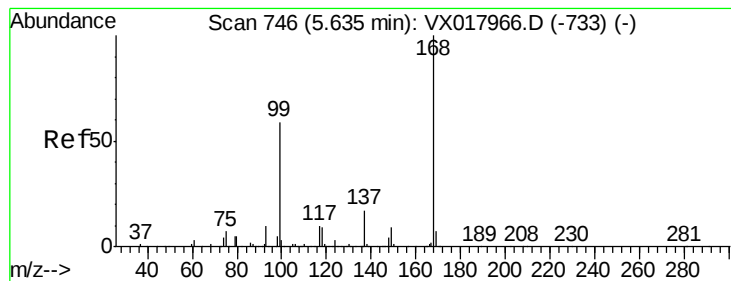
Manual Integrations
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8/21/2020 10:50:54 AM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	155309	19.822	ug/l	96
94) Hexachlorobutadiene	13.77	225	50908	15.225	ug/l	97
95) Naphthalene	13.82	128	511729	20.691	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	149442	18.757	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tot Ion:168 Resp: 524911

Ion Ratio Lower Upper

168 100

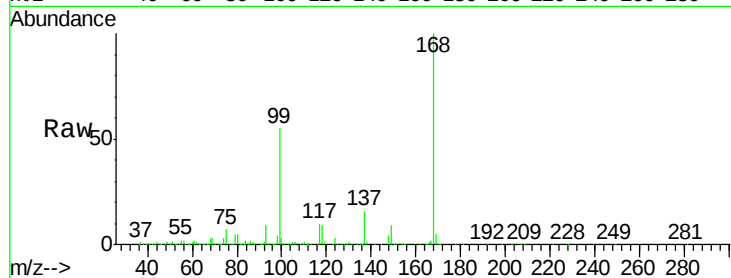
99 54.5 47.4 71.2

Manual Integrations

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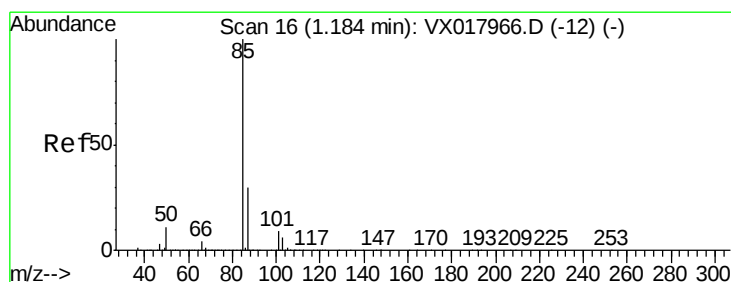
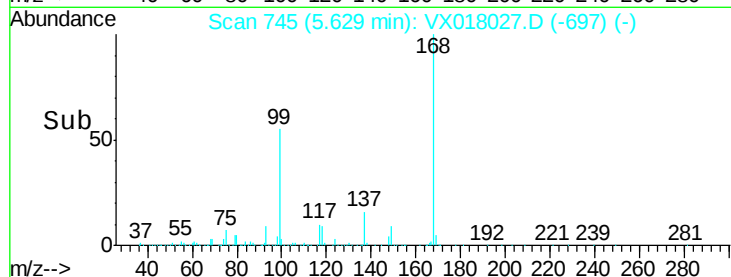
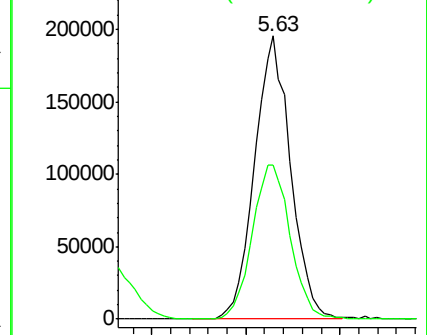
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.869 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018027.D

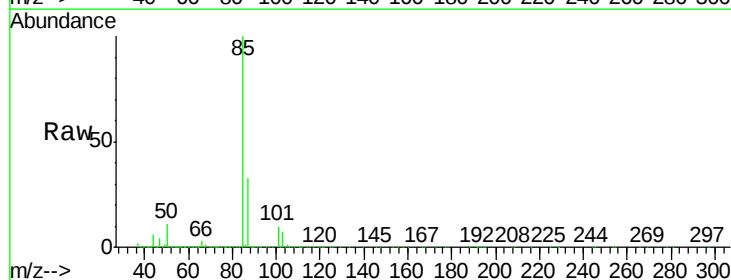
Acq: 20 Aug 2020 12:16

Tgt Ion: 85 Resp: 136591

Ion Ratio Lower Upper

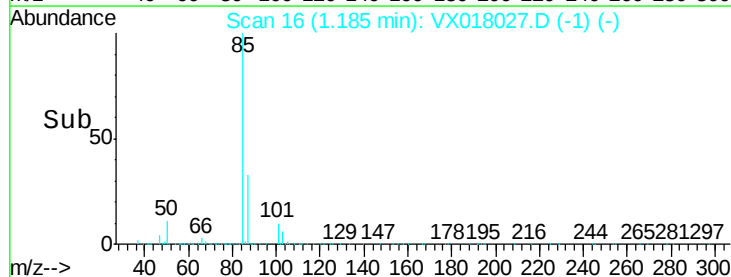
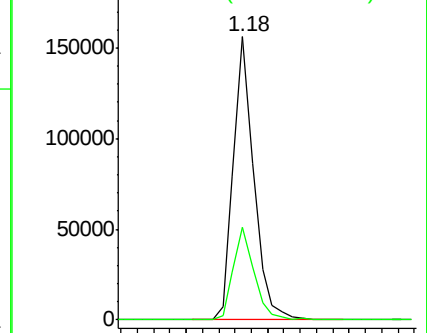
85 100

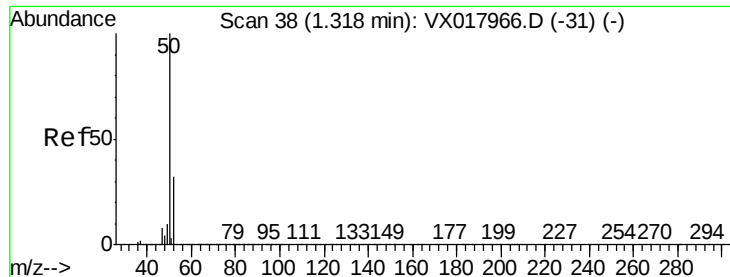
87 32.7 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.997 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tot Ion: 50 Resp: 122015

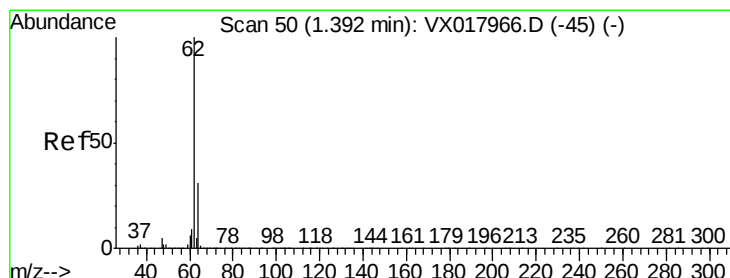
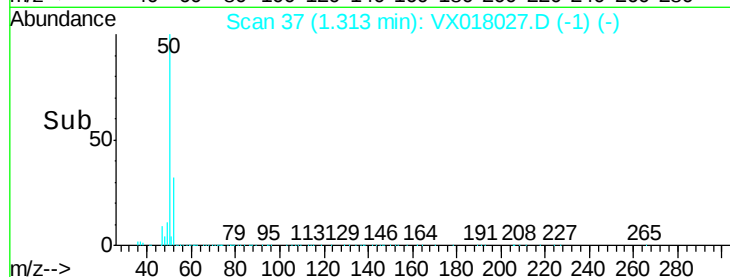
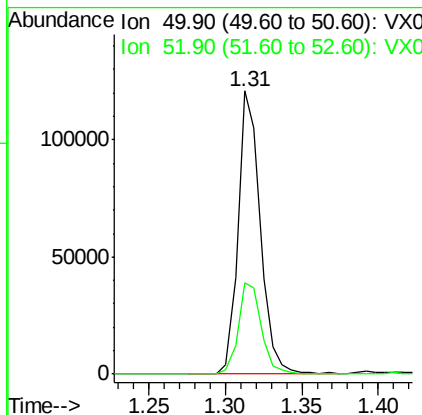
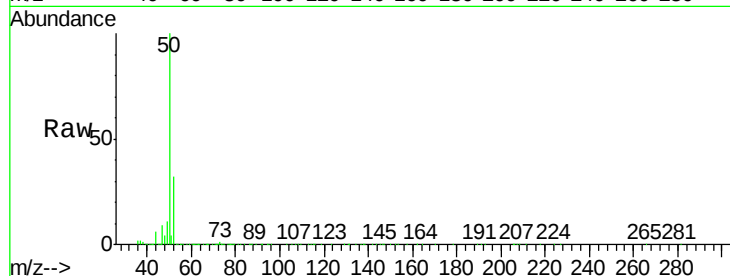
Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.723 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018027.D

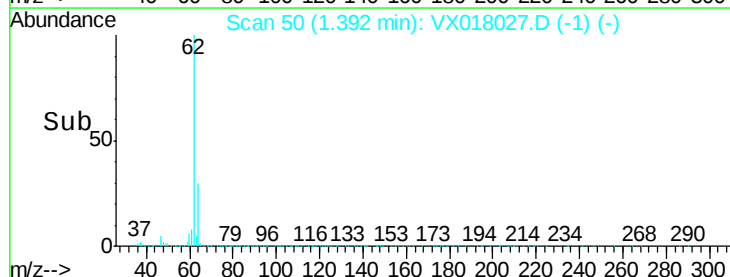
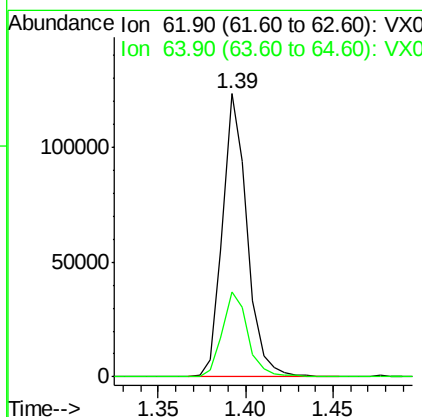
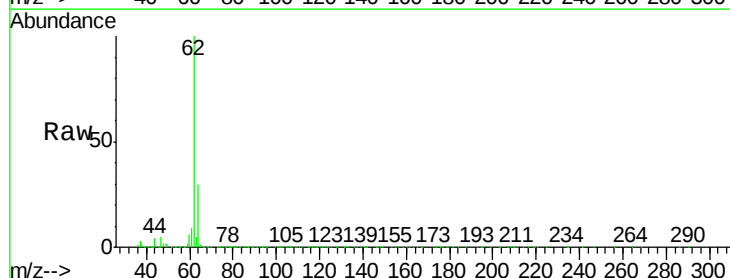
Acq: 20 Aug 2020 12:16

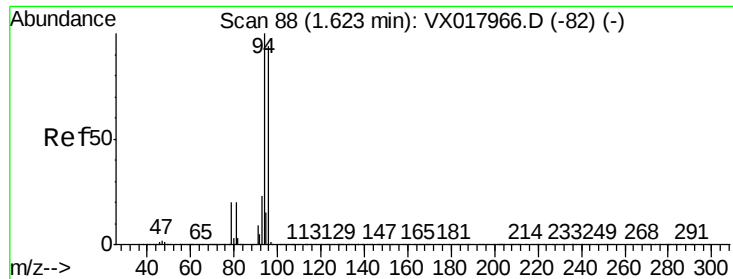
Tgt Ion: 62 Resp: 120366

Ion Ratio Lower Upper

62 100

64 30.2 24.7 37.1





#5

Bromomethane

Concen: 19.470 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampled :

VX0820WBSD01

Tot Ion: 94 Resp: 78216

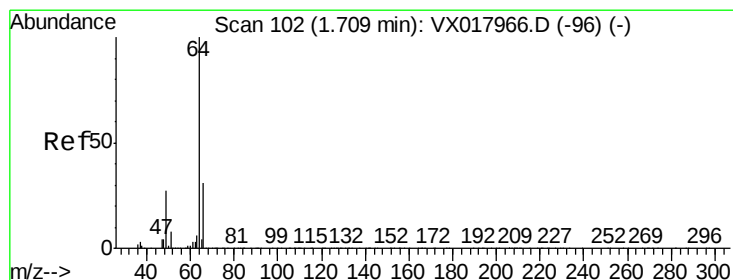
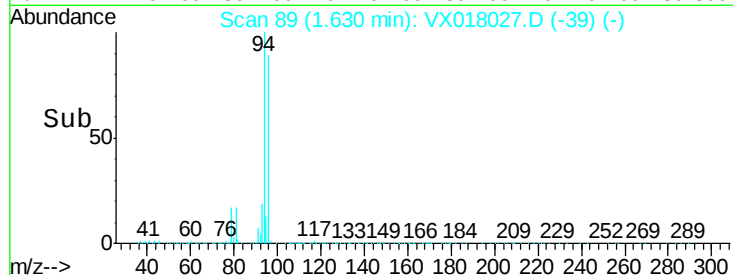
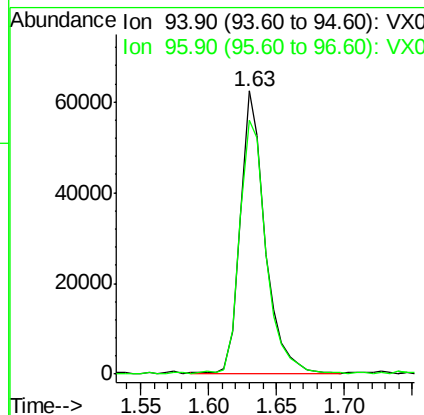
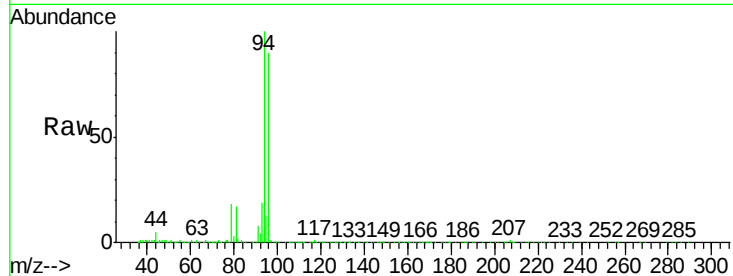
Ion Ratio Lower Upper

94 100

96 89.7 75.5 113.3

Manual Integrations
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#6

Chloroethane

Concen: 17.819 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018027.D

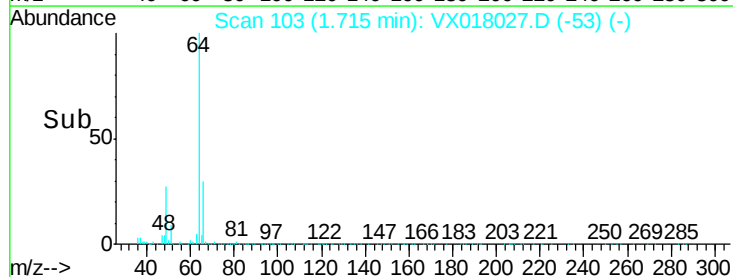
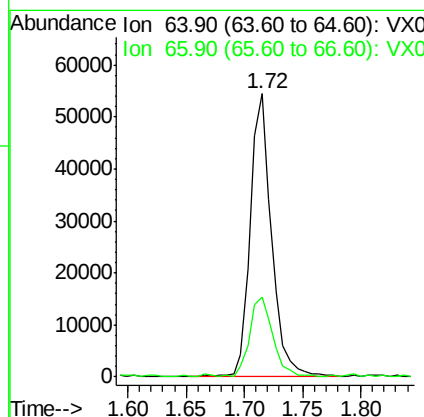
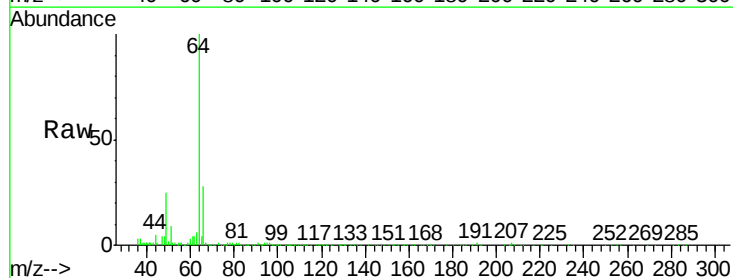
Acq: 20 Aug 2020 12:16

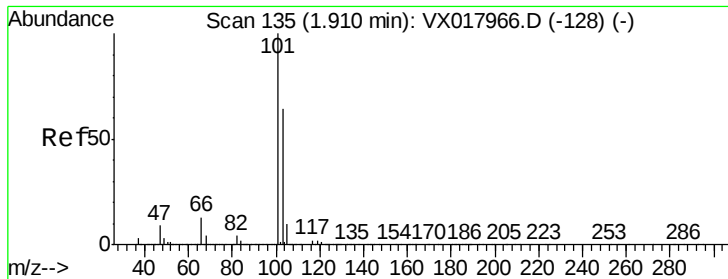
Tgt Ion: 64 Resp: 70147

Ion Ratio Lower Upper

64 100

66 28.0 25.0 37.4





#7

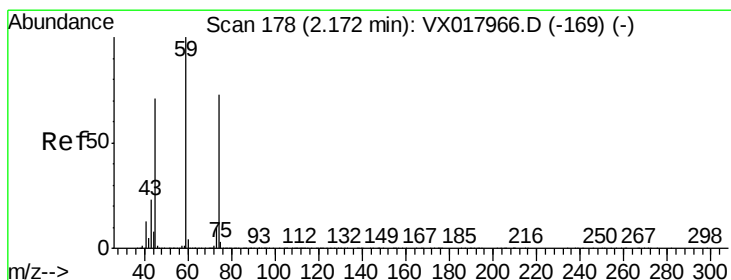
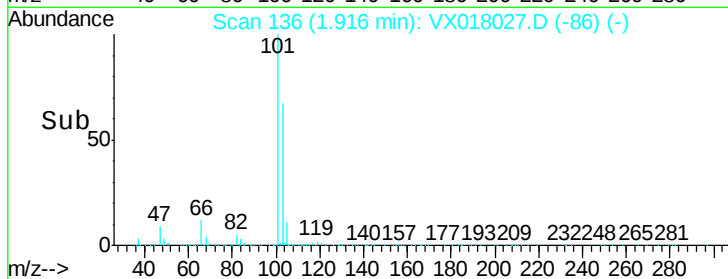
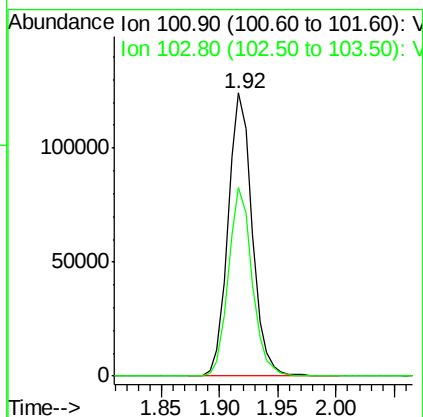
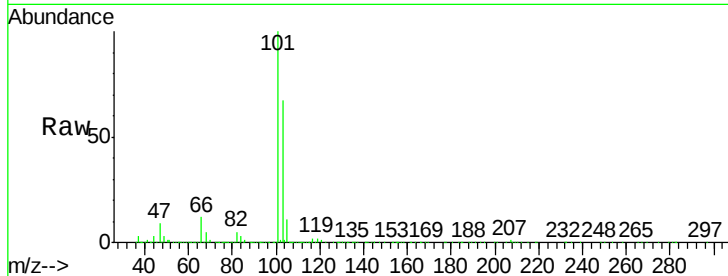
Trichlorofluoromethane
Concen: 16.283 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
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ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.2	76.8

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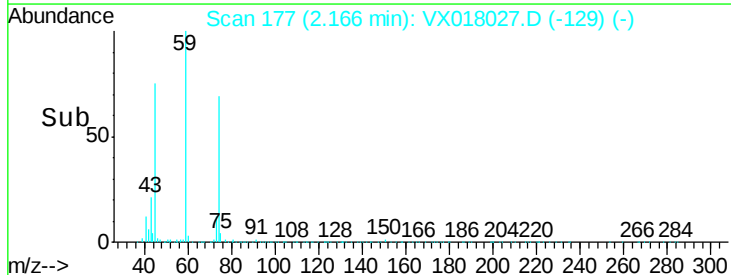
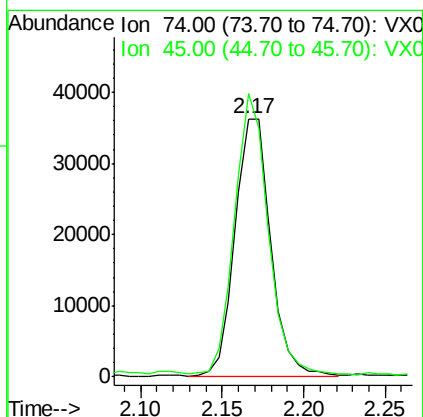
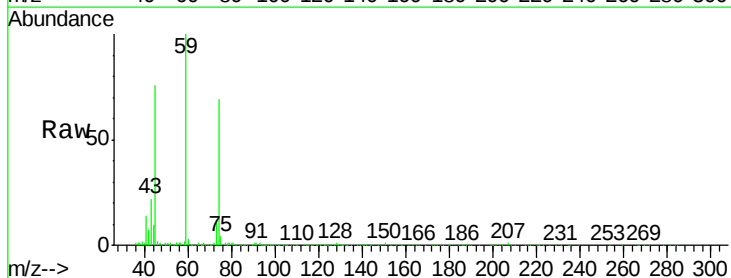
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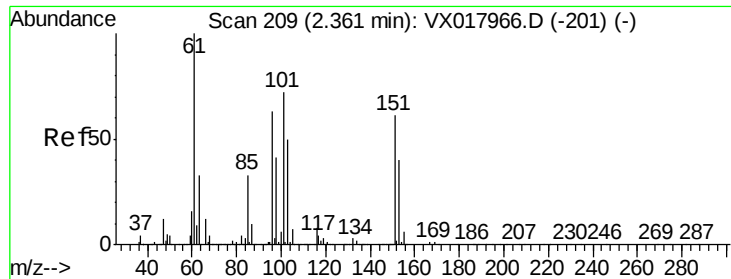


#8

Diethyl Ether
Concen: 17.415 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	50.5	151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.940 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

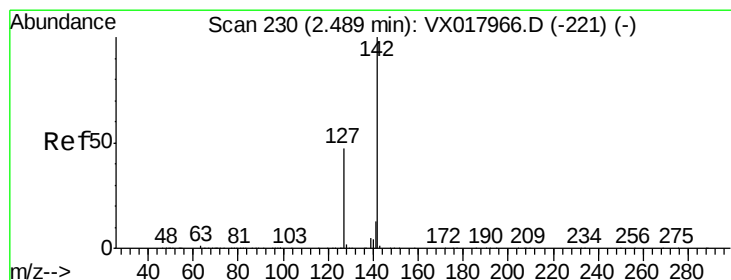
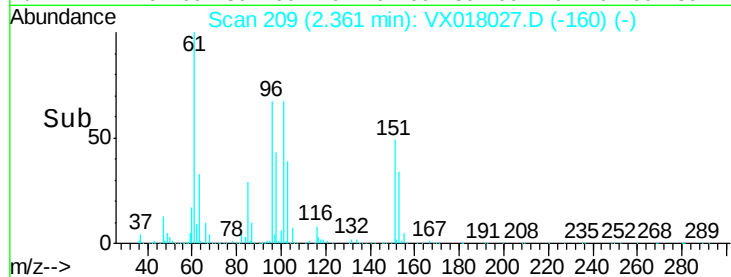
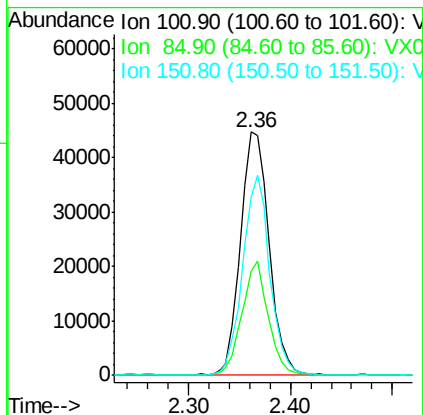
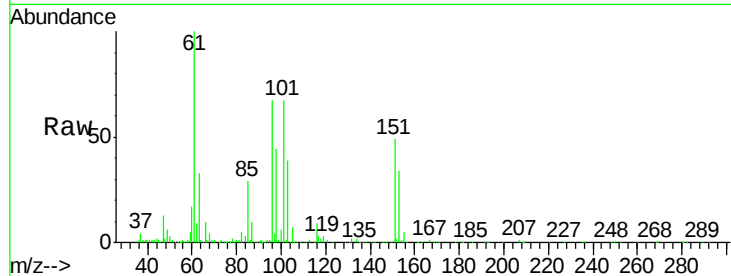
ClientSampleId :

VX0820WBSD01

Tot Ion:	101	Resp:	87578
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.4	53.2
151	78.4	65.4	98.0

Manual Integrations
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#10

Methyl Iodide

Concen: 12.505 ug/l

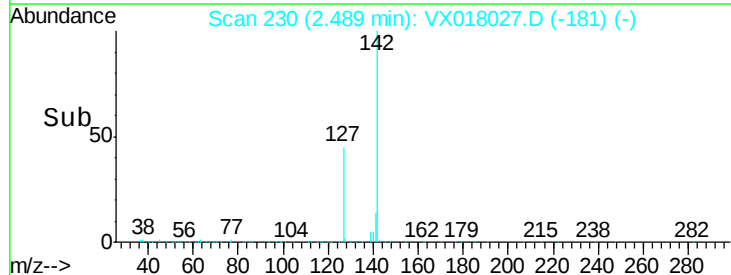
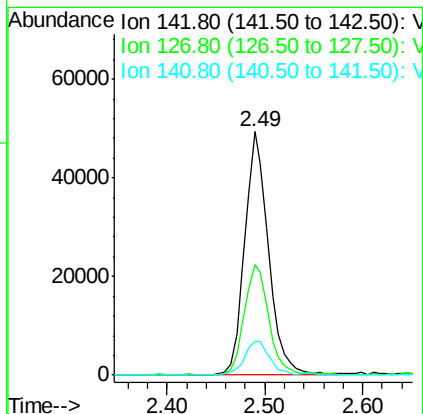
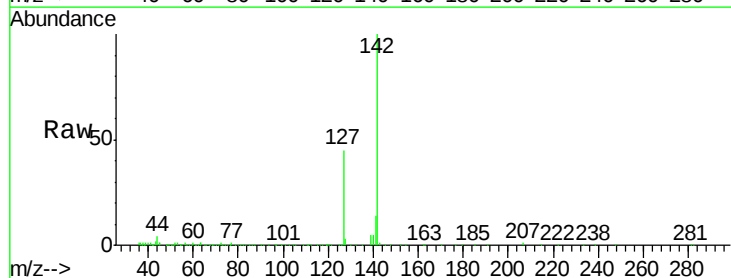
RT: 2.49 min Scan# 230

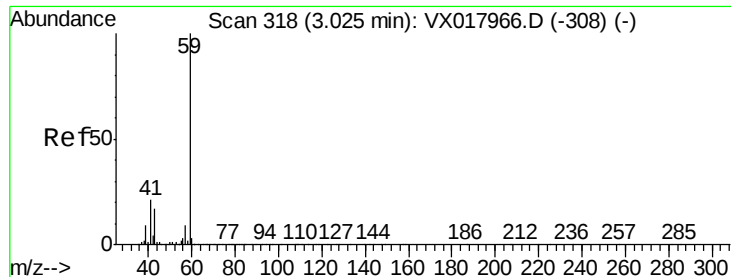
Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tgt Ion:	142	Resp:	83364
Ion Ratio	Lower	Upper	
142	100		
127	47.1	38.0	57.0
141	14.7	11.2	16.8





#11

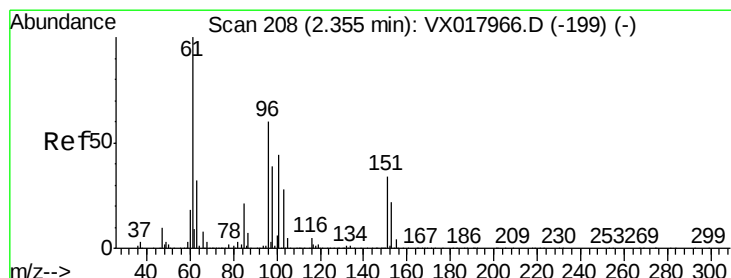
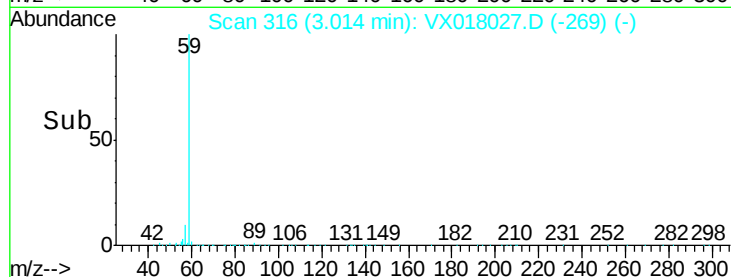
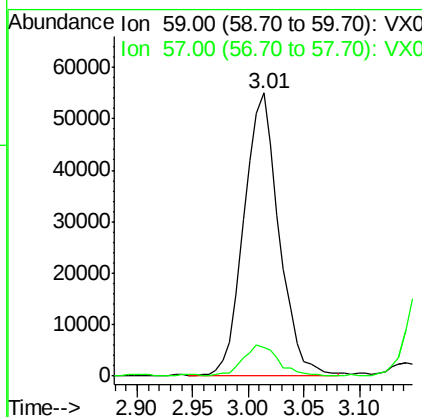
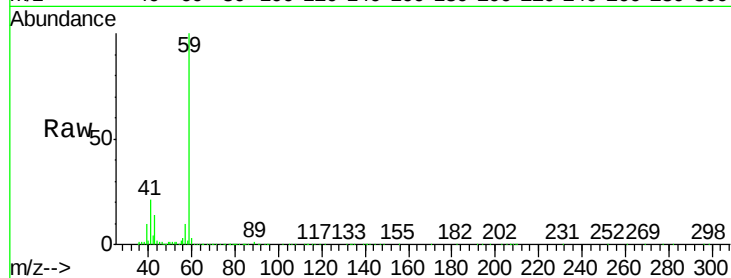
Tert butyl alcohol
Concen: 80.641 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.6	13.0

Manual Integrations
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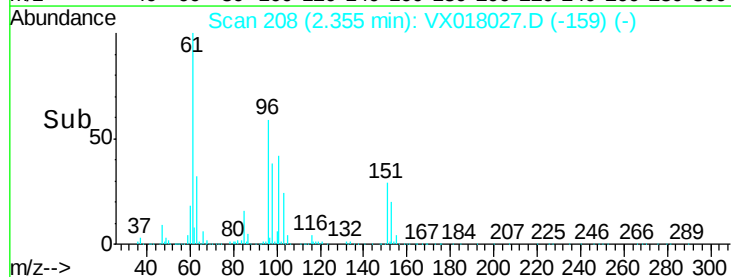
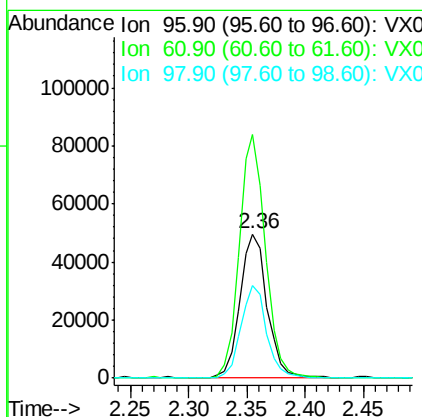
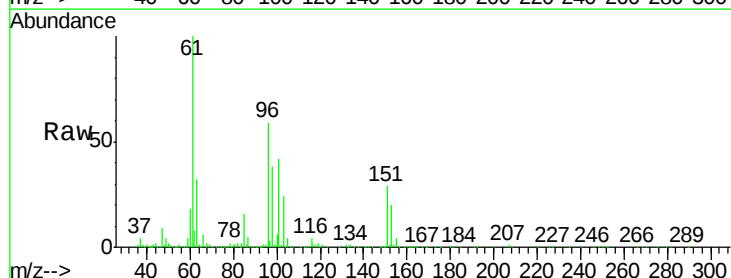
MMDadoda
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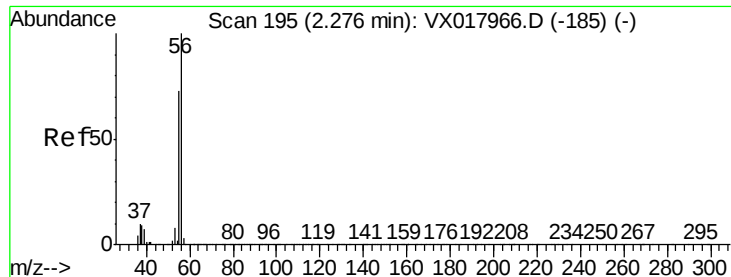


#12

1,1-Dichloroethene
Concen: 16.865 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.6	132.9	199.3
98	65.0	51.6	77.4





#13

Acrolein

Concen: 97.712 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tot Ion: 56 Resp: 76684

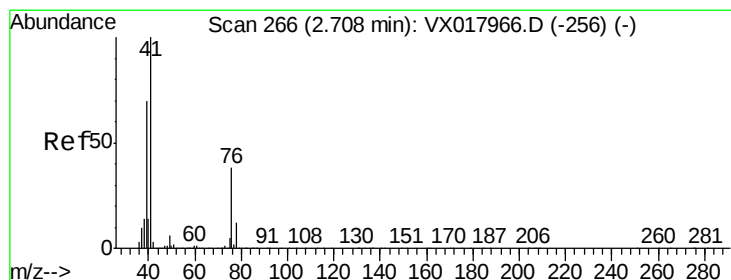
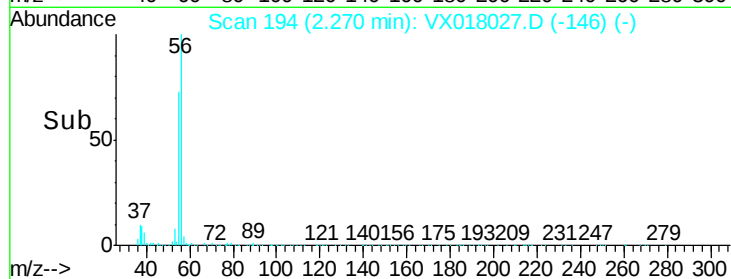
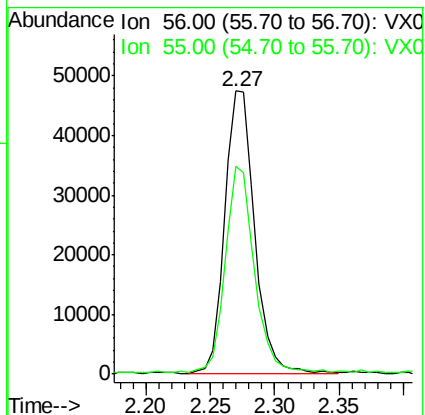
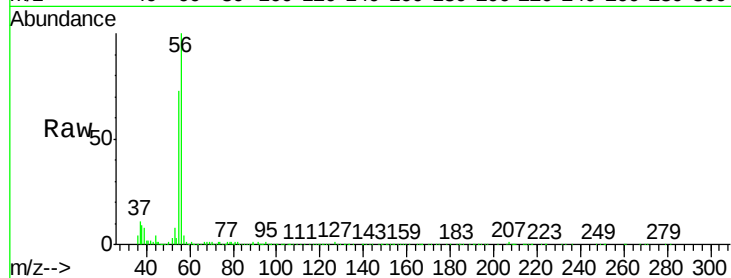
Ion Ratio Lower Upper

56 100

55 71.0 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 18.195 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

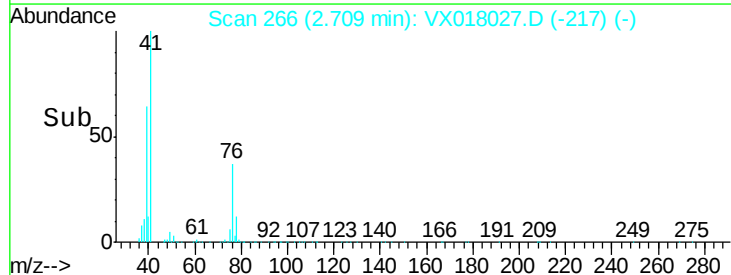
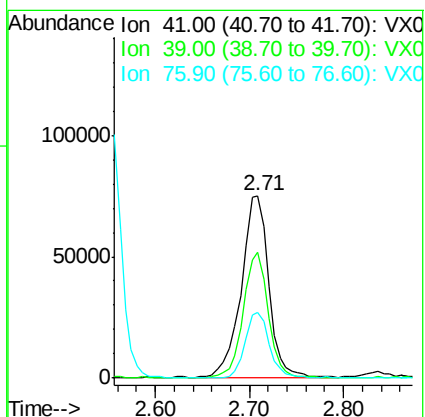
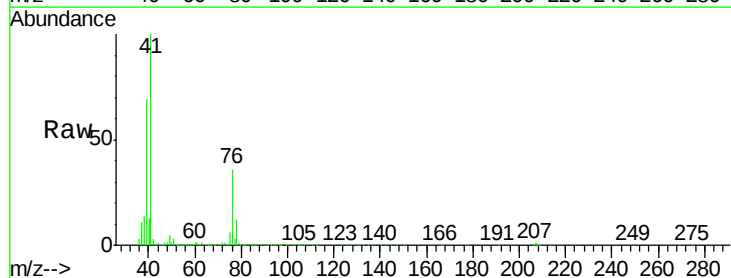
Tgt Ion: 41 Resp: 153539

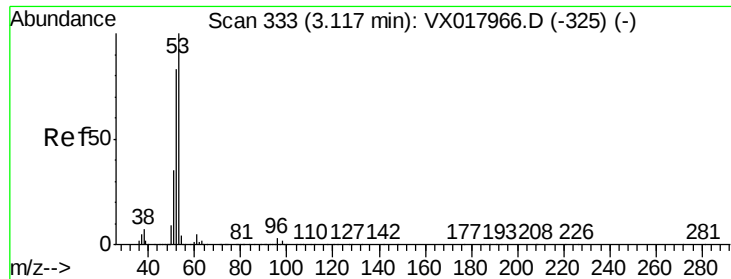
Ion Ratio Lower Upper

41 100

39 62.8 51.7 77.5

76 32.0 26.3 39.5





#15

Acrylonitrile

Concen: 90.500 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

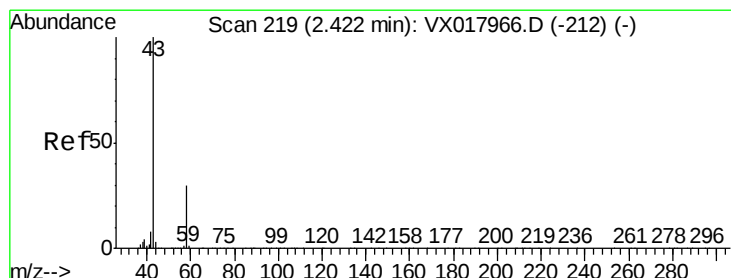
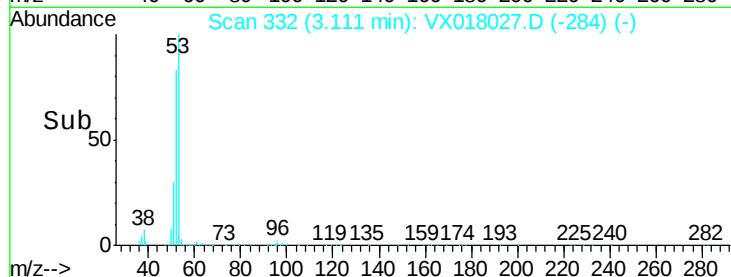
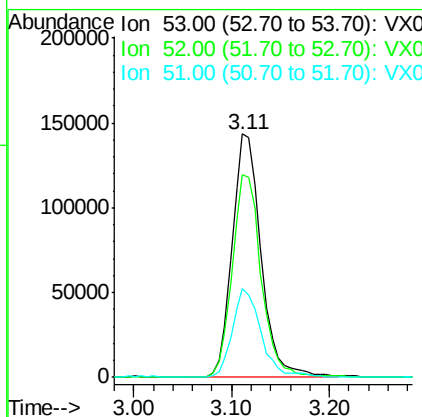
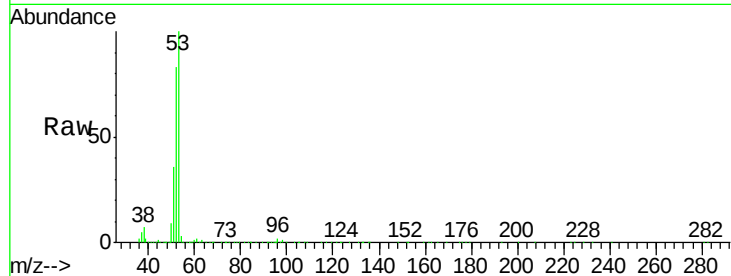
ClientSampleId :

VX0820WBSD01

Tot Ion:	53	Resp:	293631
Ion Ratio		Lower	Upper
53	100		
52	83.9	67.1	100.7
51	36.0	29.2	43.8

Manual Integrations
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#16

Acetone

Concen: 85.909 ug/l

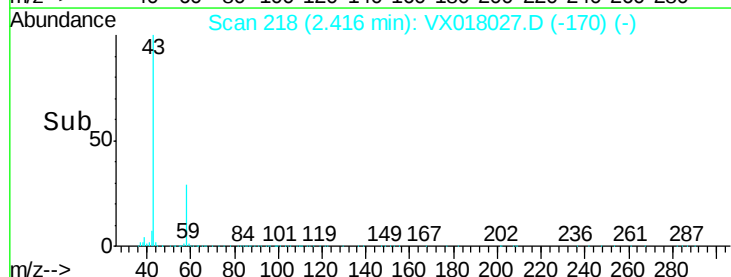
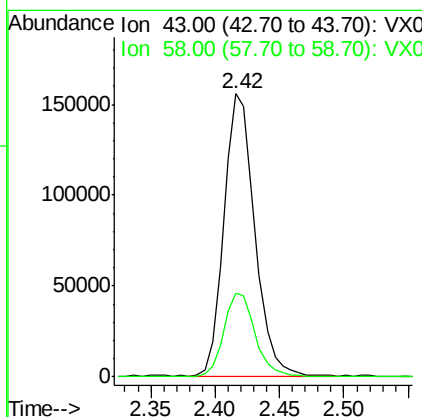
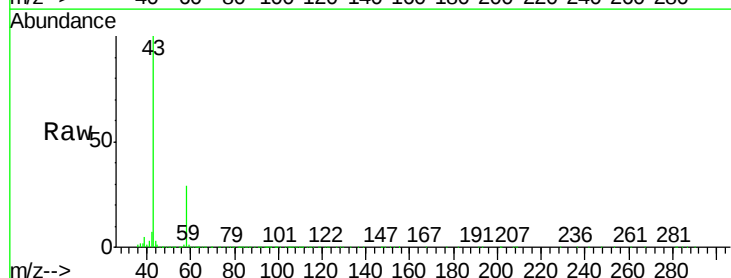
RT: 2.42 min Scan# 218

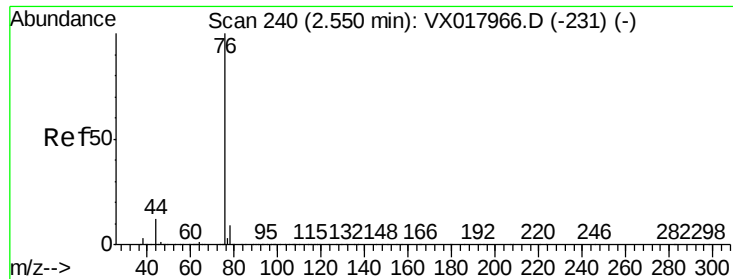
Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tgt Ion:	43	Resp:	260065
Ion Ratio		Lower	Upper
43	100		
58	29.3	23.8	35.8





#17

Carbon Disulfide

Concen: 17.071 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tot Ion: 76 Resp: 195972

Ion Ratio Lower Upper

76 100

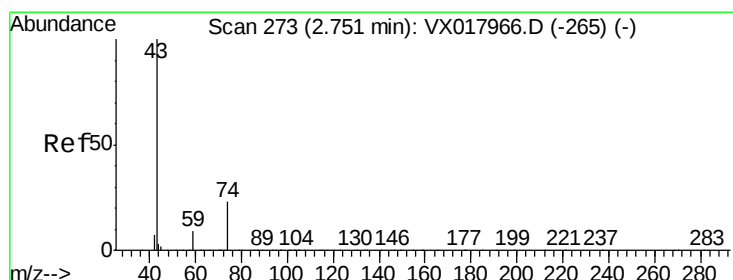
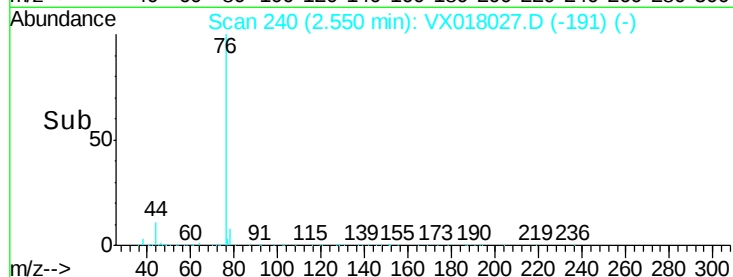
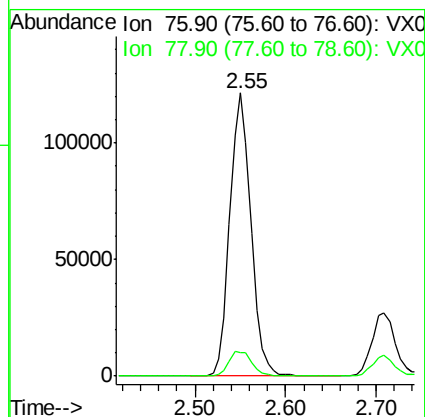
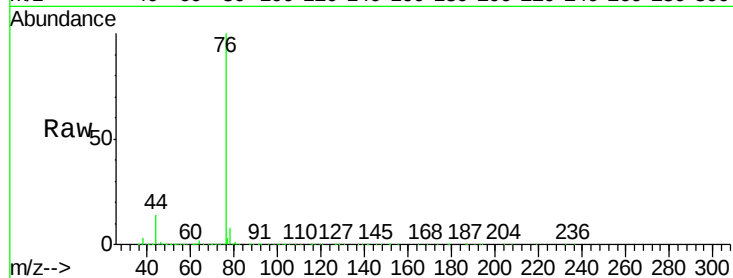
78 8.0 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 18.852 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018027.D

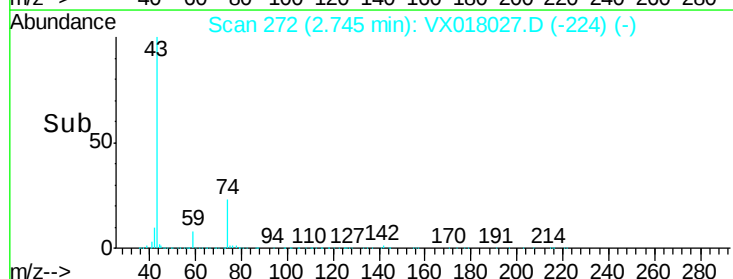
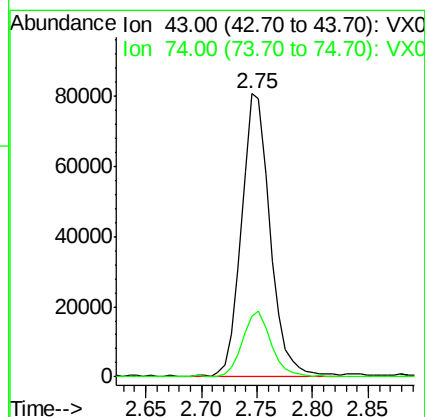
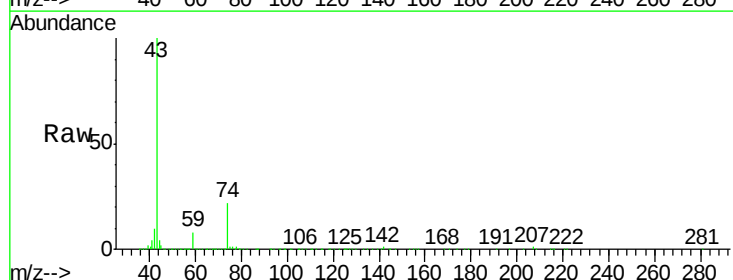
Acq: 20 Aug 2020 12:16

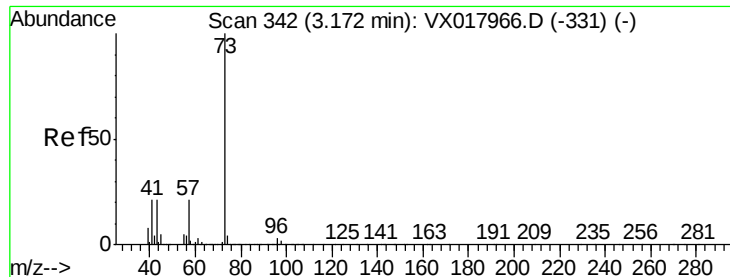
Tgt Ion: 43 Resp: 143604

Ion Ratio Lower Upper

43 100

74 23.3 19.7 29.5





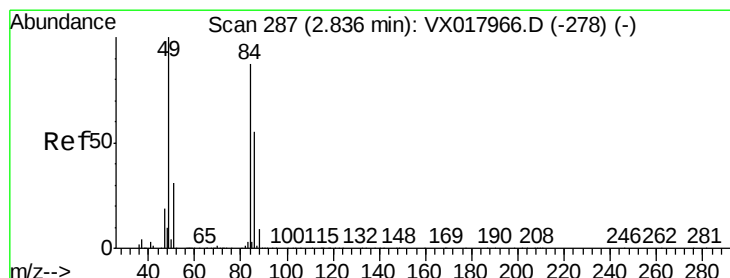
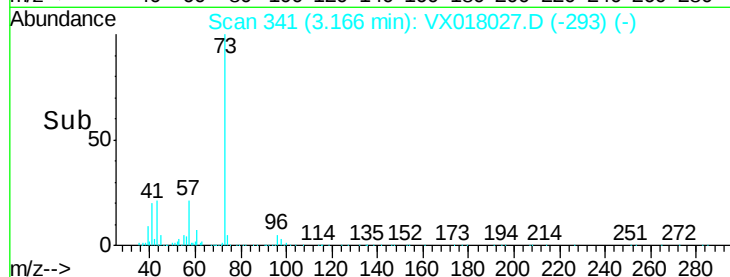
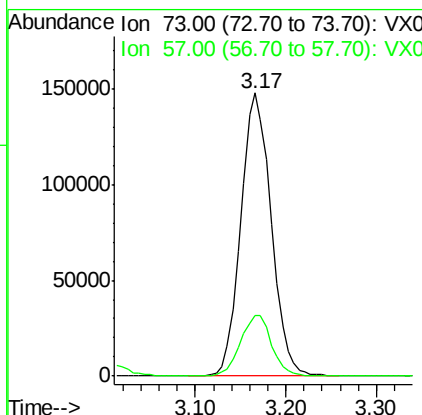
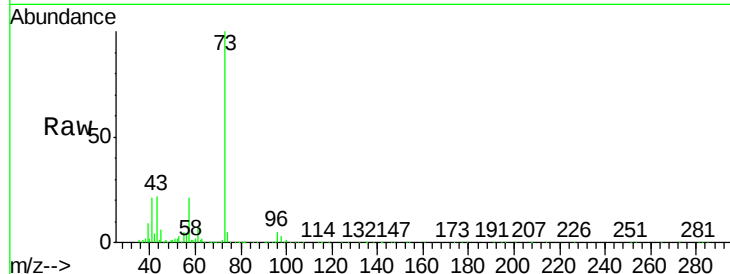
#19
Methvl tert-butvl Ether
Concen: 18.944 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.9	25.3

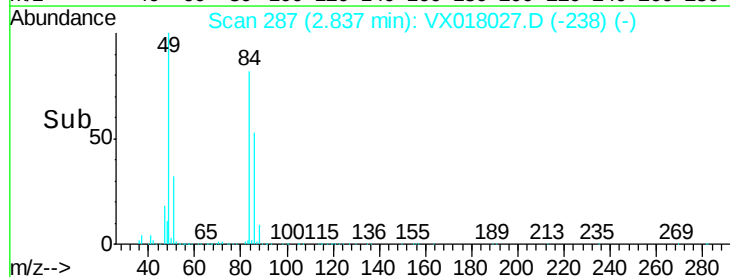
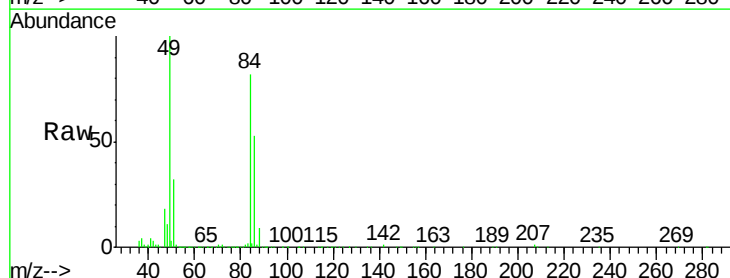
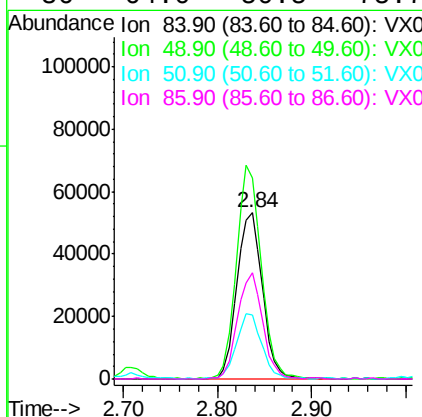
Manual Integrations
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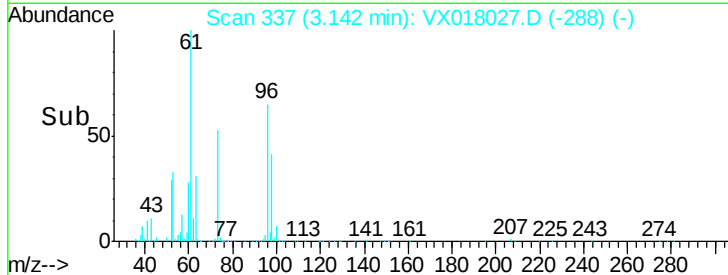
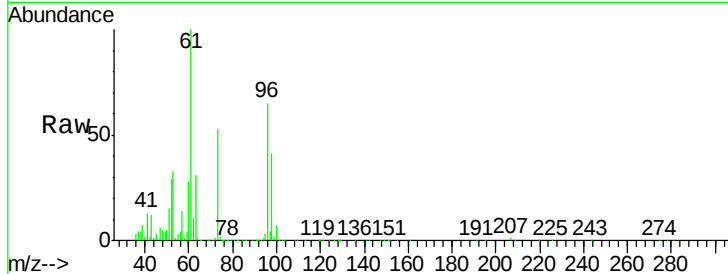
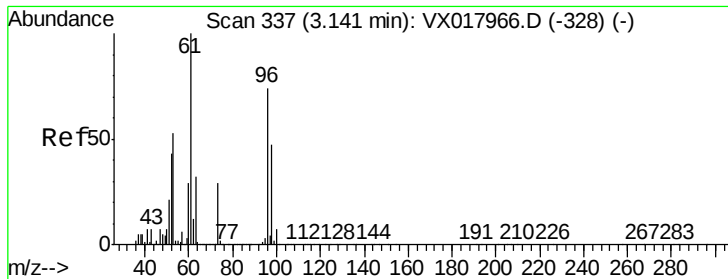
MMDadoda
8/21/2020 10:50:54 AM



#20
Methylene Chloride
Concen: 18.086 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.3	91.8	137.6
51	38.3	27.8	41.8
86	64.0	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 17.404 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018027.D

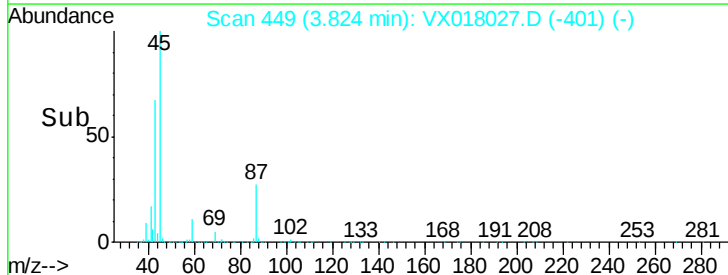
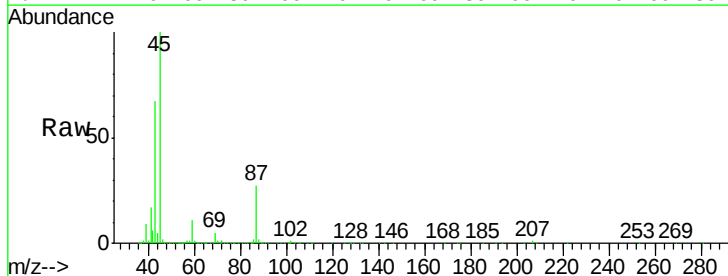
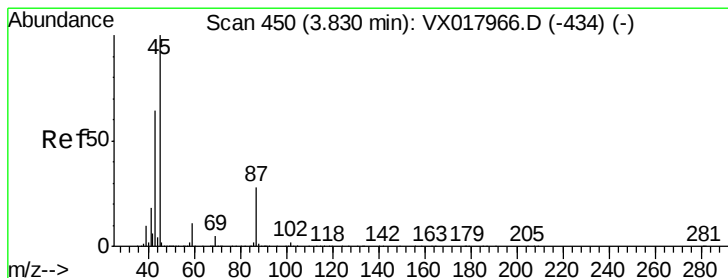
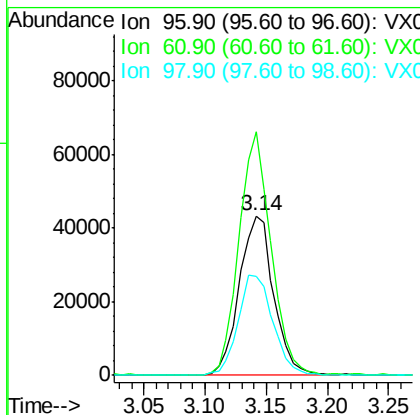
Acq: 20 Aug 2020 12:16

Tot Ion:	96	Resp:	84652
Ion	Ratio	Lower	Upper
96	100		
61	152.7	108.6	163.0
98	62.1	51.4	77.0

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.386 ug/l

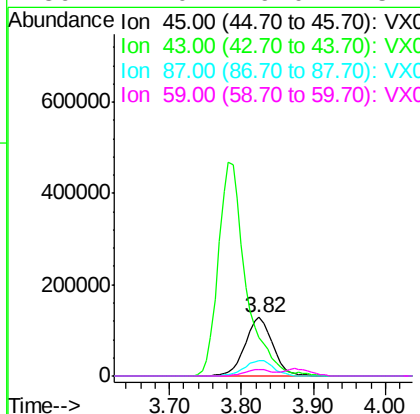
RT: 3.82 min Scan# 449

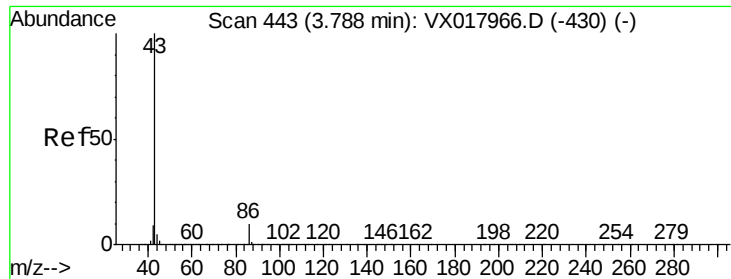
Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tgt Ion:	45	Resp:	342923
Ion	Ratio	Lower	Upper
45	100		
43	66.2	51.5	77.3
87	27.1	22.6	33.8
59	11.0	9.0	13.4





#23

Vinyl Acetate

Concen: 92.433 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleID :

VX0820WBSD01

Tot Ion: 43 Resp: 1249504

Ion Ratio Lower Upper

43 100

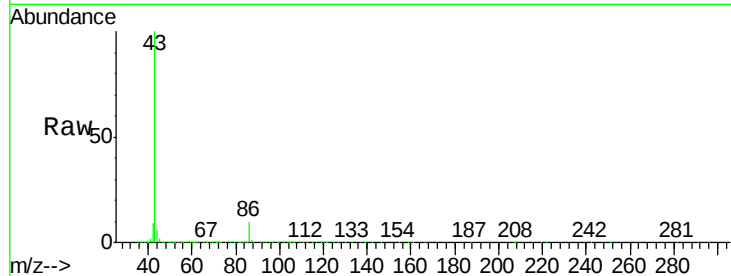
86 10.3 8.1 12.1

Manual Integrations

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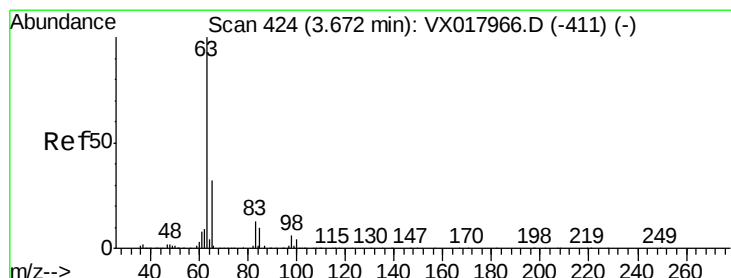
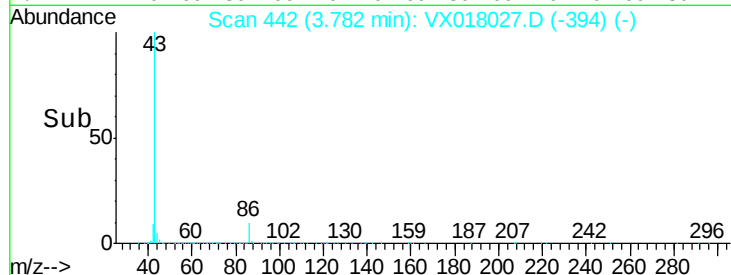
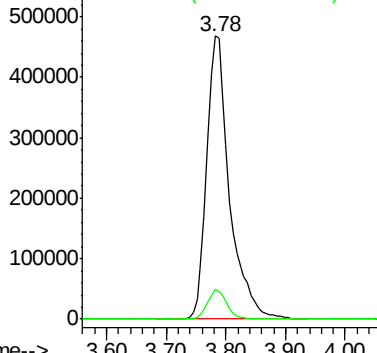
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.113 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

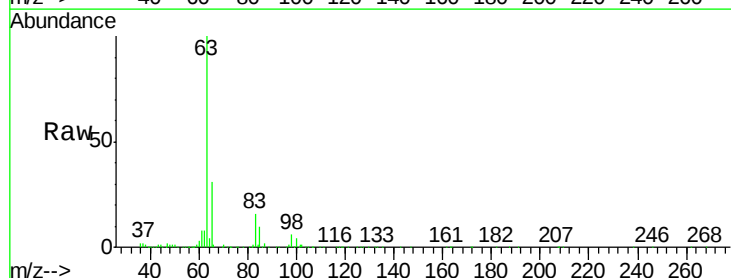
Tgt Ion: 63 Resp: 177620

Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.0

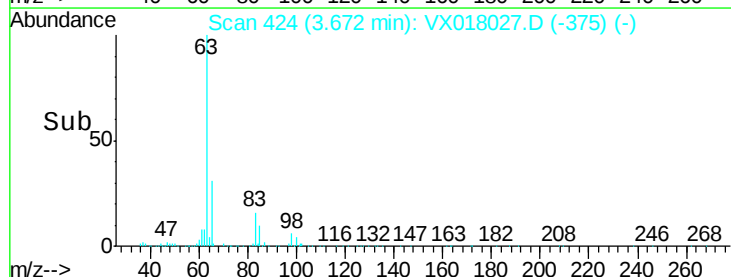
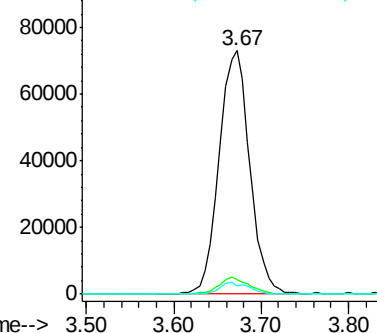
100 3.5 2.0 5.8

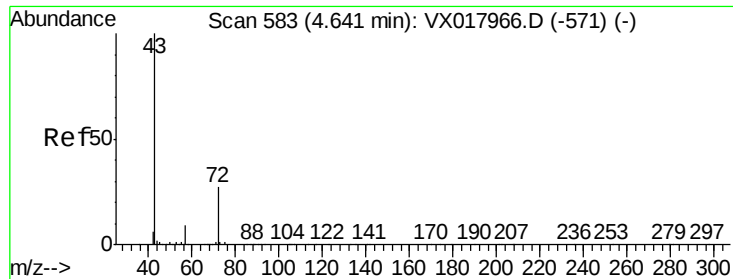


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.480 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tot Ion: 43 Resp: 405502

Ion Ratio Lower Upper

43 100

72 26.0 21.4 32.2

Instrument :

MSVOA_X

ClientSampleId :

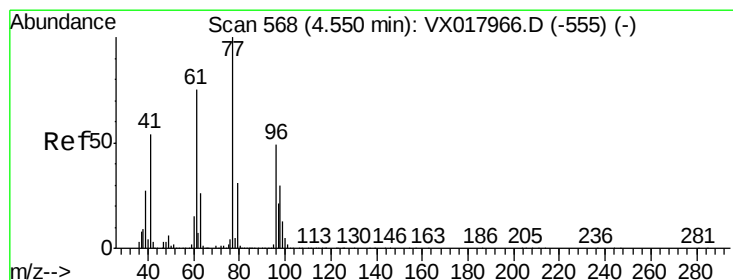
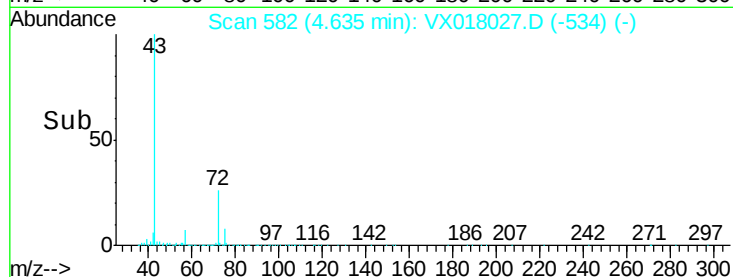
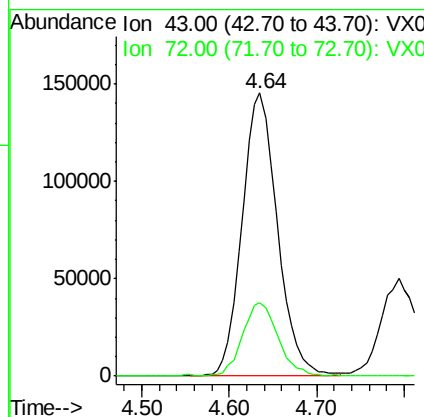
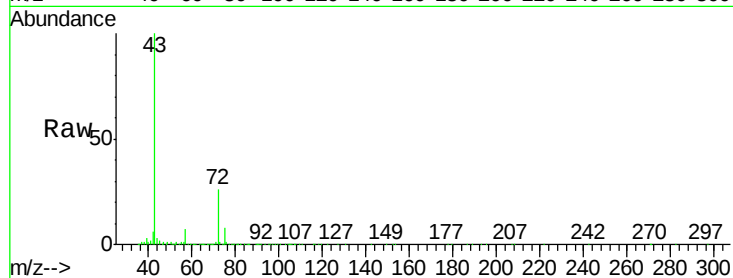
VX0820WBSD01

Manual Integrations

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8/21/2020 10:50:54 AM



#26

2,2-Dichloropropane

Concen: 16.838 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018027.D

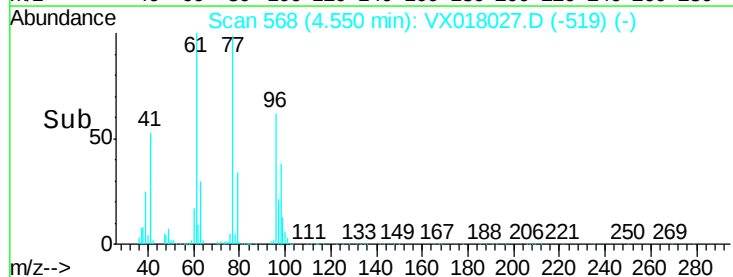
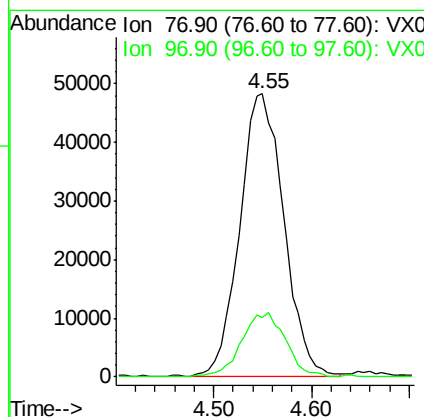
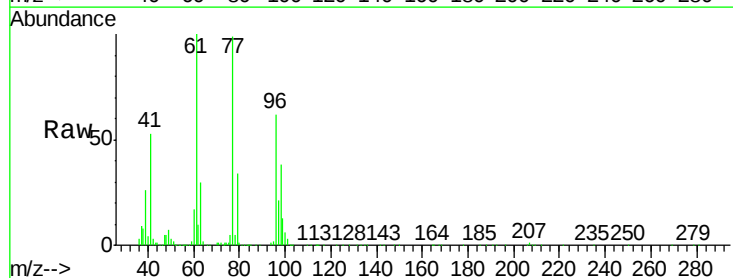
Acq: 20 Aug 2020 12:16

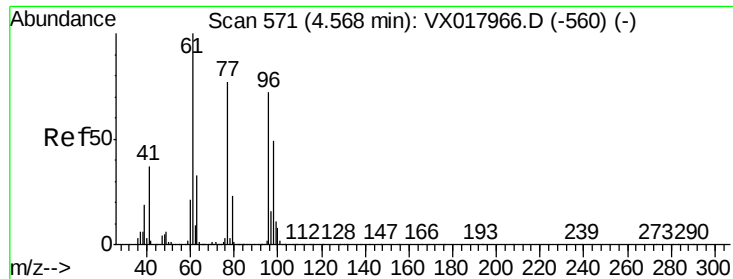
Tgt Ion: 77 Resp: 150355

Ion Ratio Lower Upper

77 100

97 22.9 10.9 32.9





#27

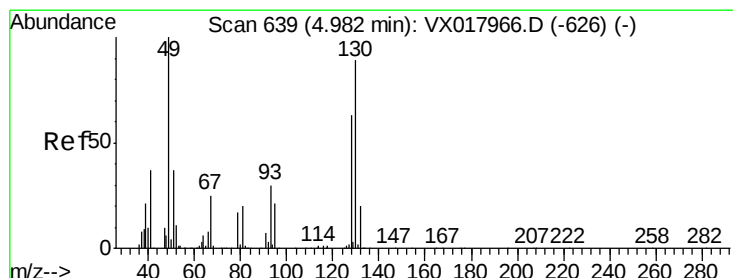
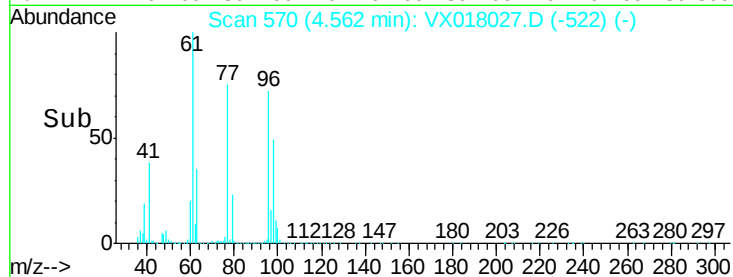
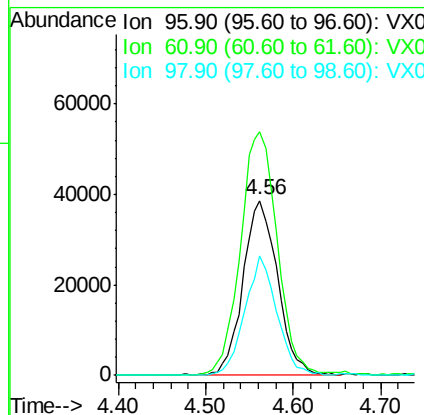
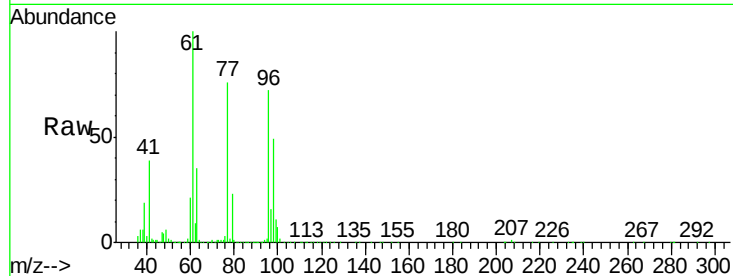
cis-1,2-Dichloroethene
Concen: 18.289 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.5	0.0	298.8	
98	64.1	0.0	130.2	

Manual Integrations
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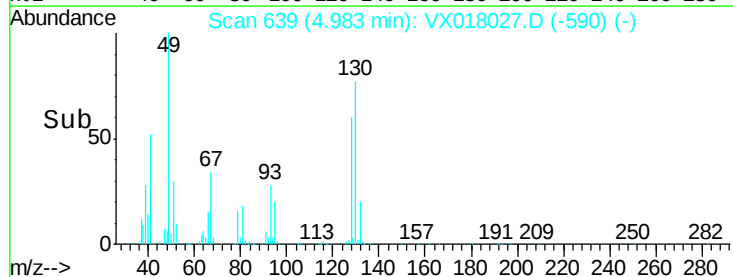
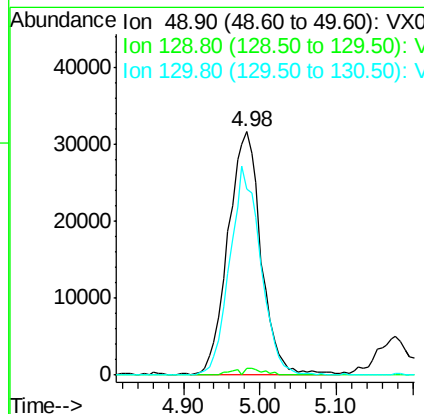
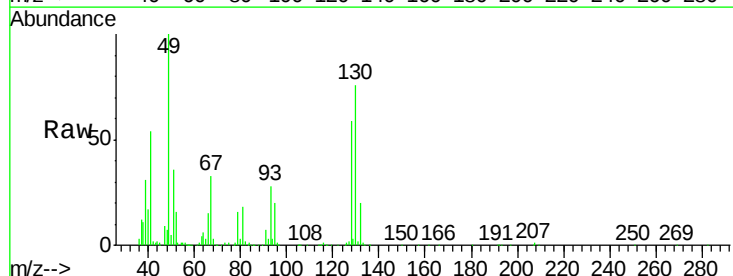
MMDadoda
8/21/2020 10:50:54 AM

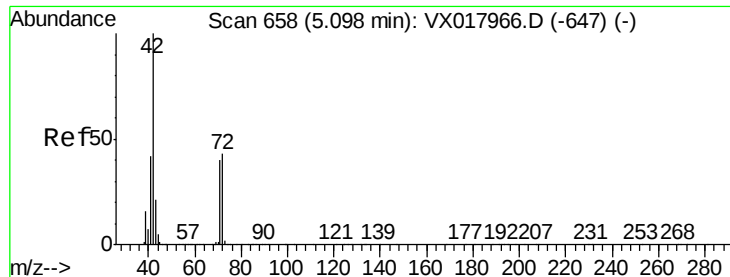


#28

Bromochloromethane
Concen: 18.484 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.6	0.0	3.6	
130	0.0	68.5	102.7#	





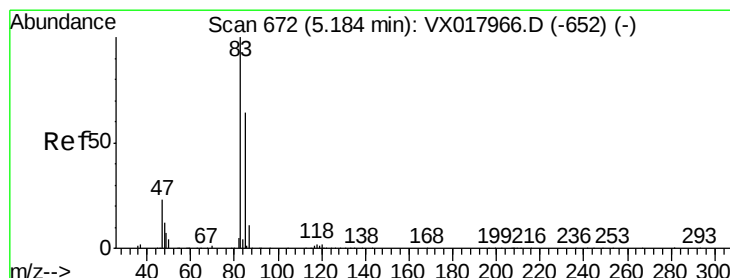
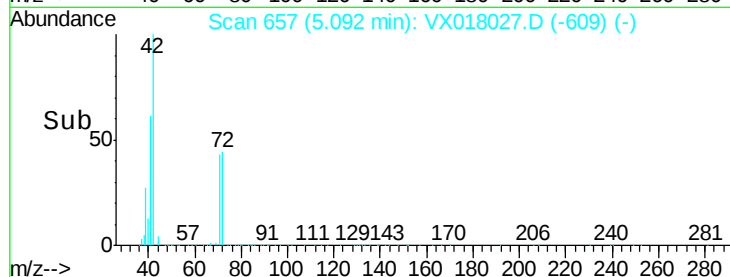
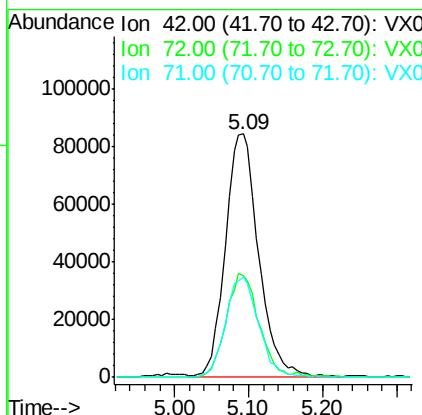
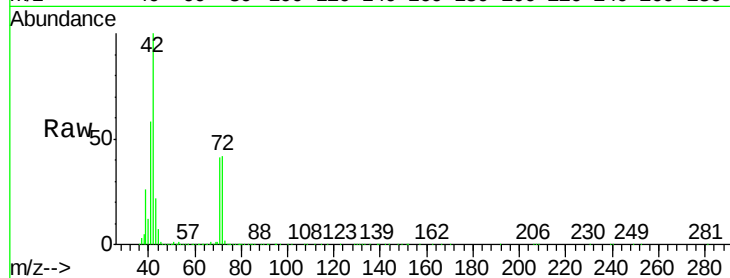
#29
Tetrahydrofuran
Concen: 91.437 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	35.9	53.9
71	41.5	33.0	49.4

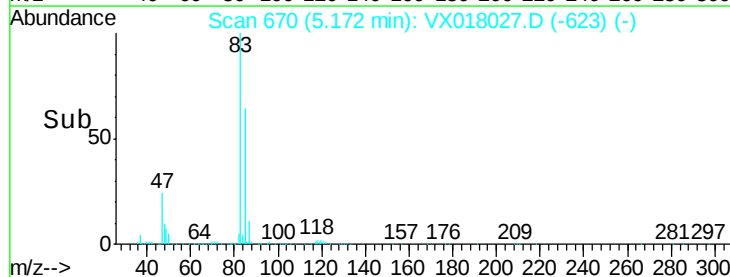
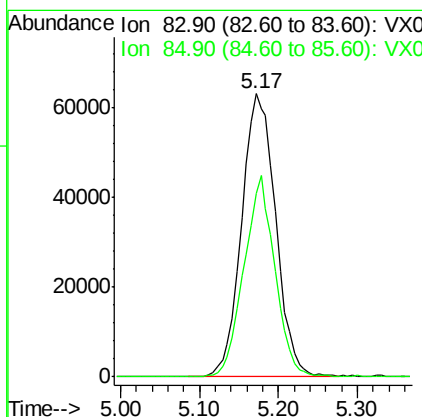
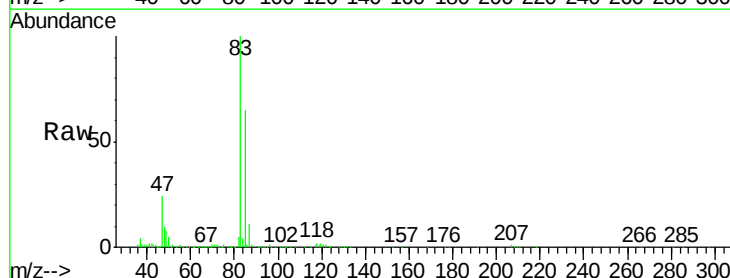
Manual Integrations
APPROVED

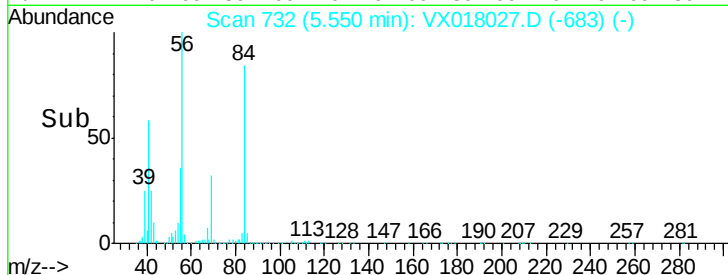
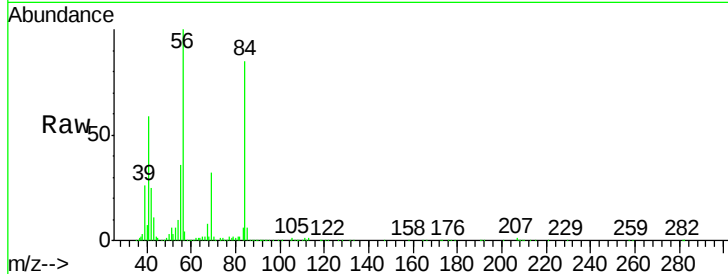
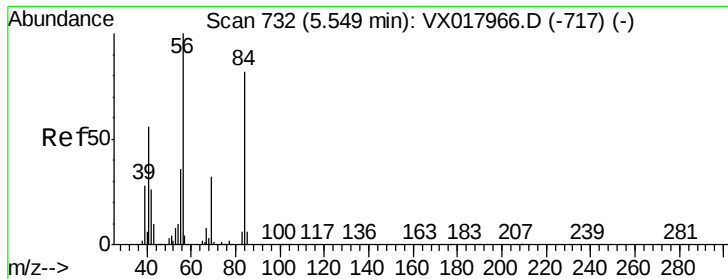
MMDadoda
8/21/2020 10:50:54 AM



#30
Chloroform
Concen: 17.675 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.3	76.9





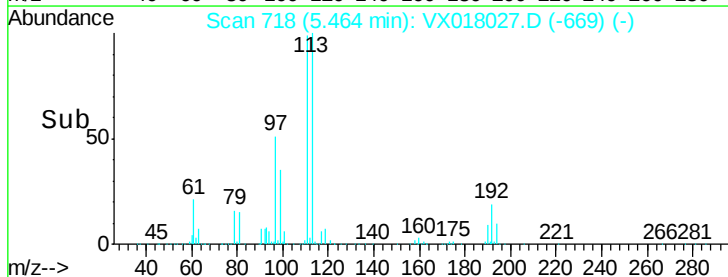
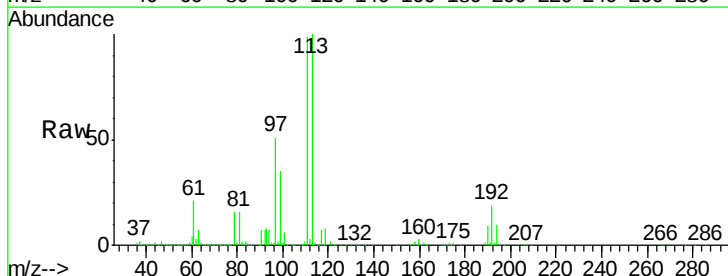
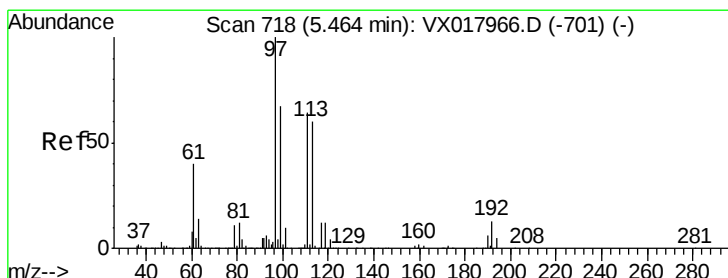
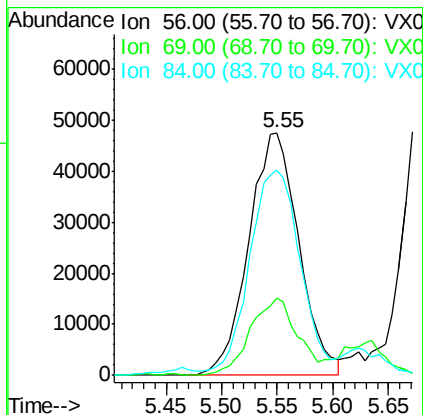
#31
Cyclohexane
Concen: 18.730 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.7	25.3	37.9
84	82.6	65.3	97.9

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

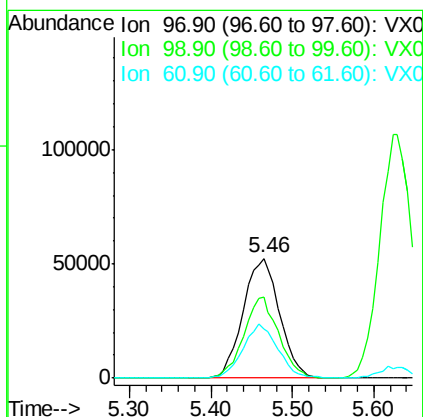
Manual Integrations
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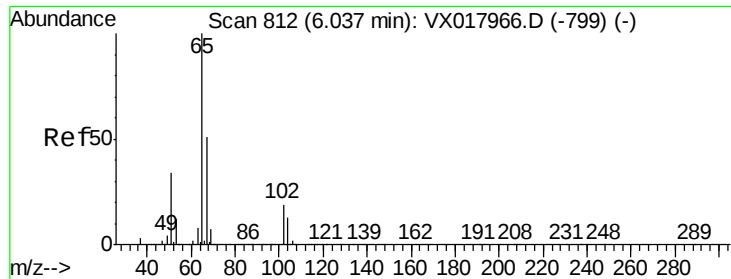
MMDadoda
8/21/2020 10:50:54 AM



#32
1,1,1-Trichloroethane
Concen: 16.761 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	43.6	33.7	50.5





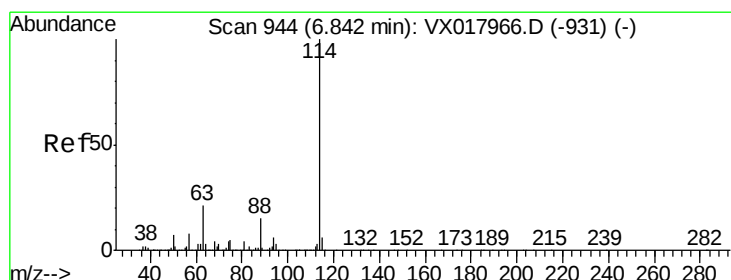
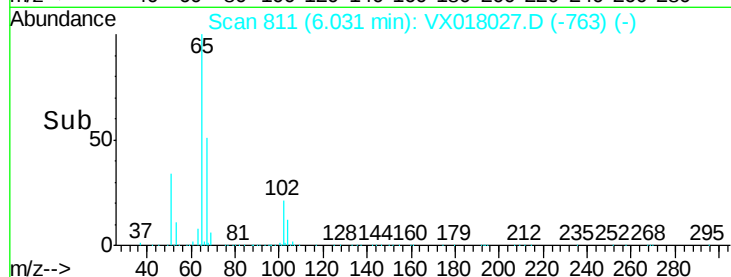
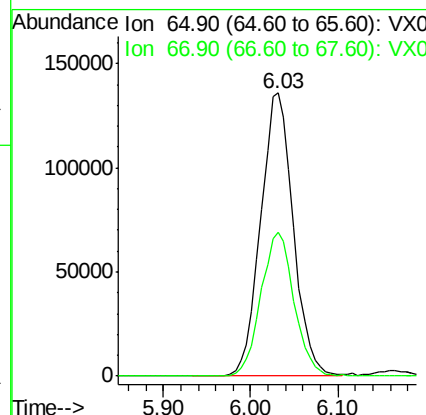
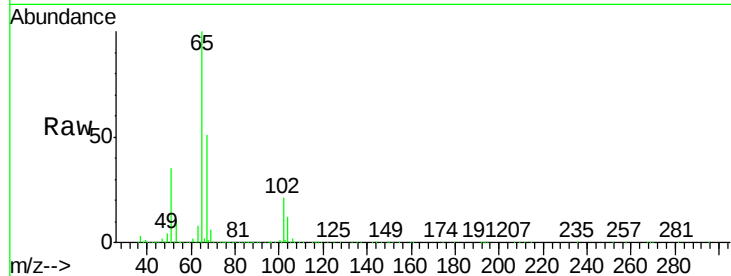
#33
 1,2-Dichloroethane-d4
 Concen: 45.912 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	353282		
67	51.3	0.0	103.0	

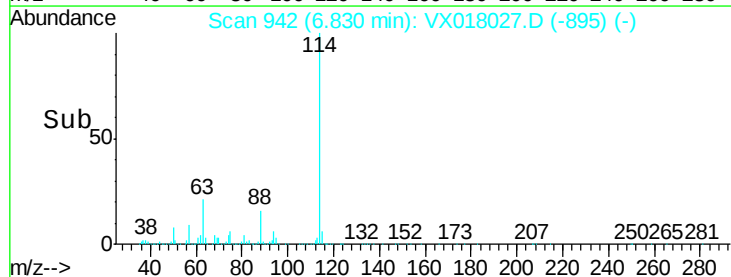
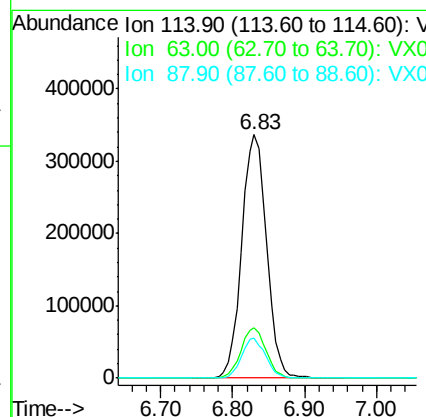
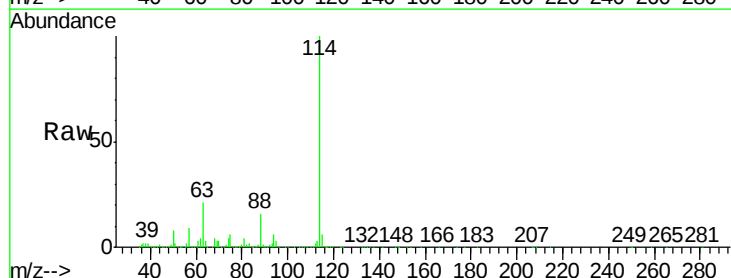
Manual Integrations
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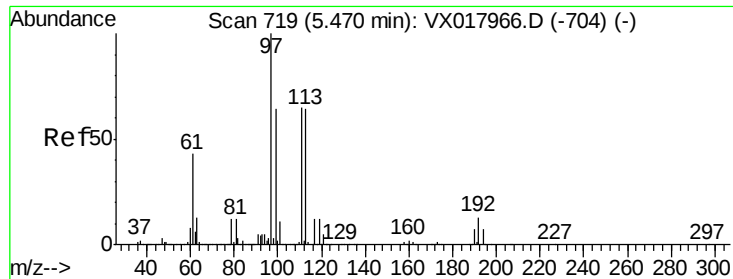
MMDadoda
 8/21/2020 10:50:54 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	807271		
63	20.6	0.0	42.6	
88	16.5	0.0	30.2	





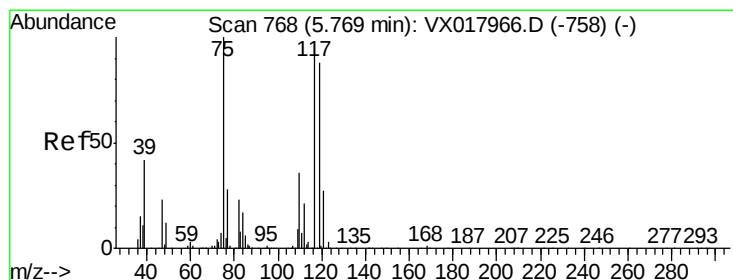
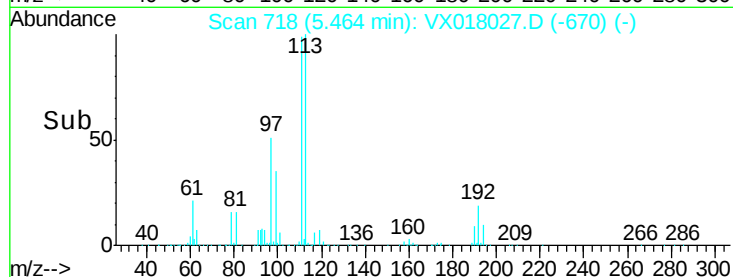
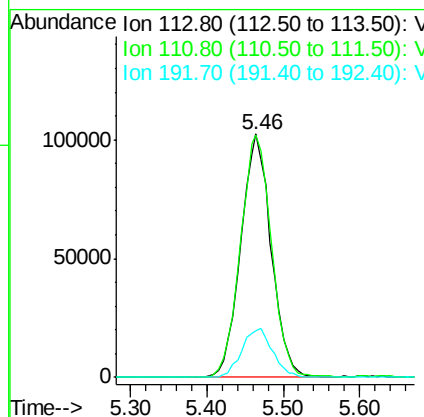
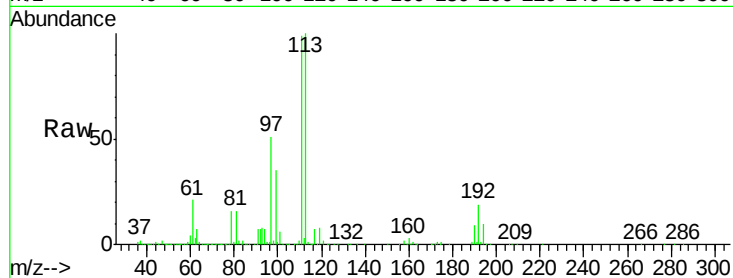
#35
 Dibromofluoromethane
 Concen: 46.950 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	282244		
111	102.0		83.5	125.3
192	20.5		16.2	24.4

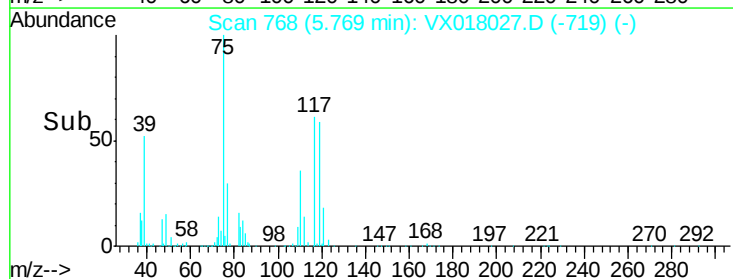
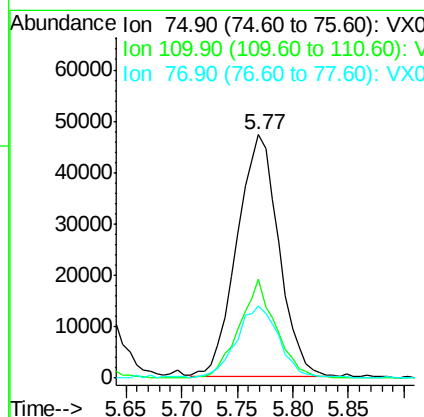
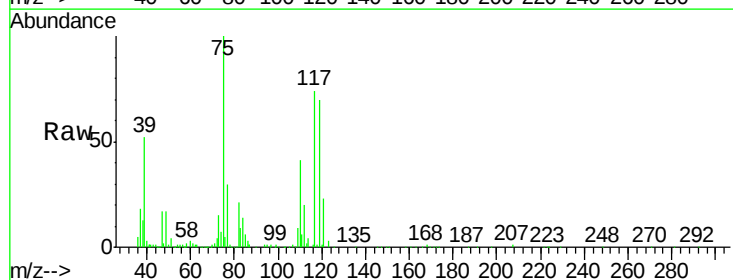
Manual Integrations
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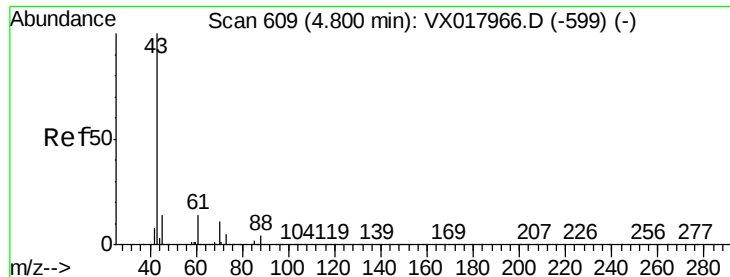
MMDadoda
 8/21/2020 10:50:54 AM



#36
 1,1-Dichloropropene
 Concen: 18.117 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	122414		
110	36.0		18.7	56.1
77	29.3		24.4	36.6





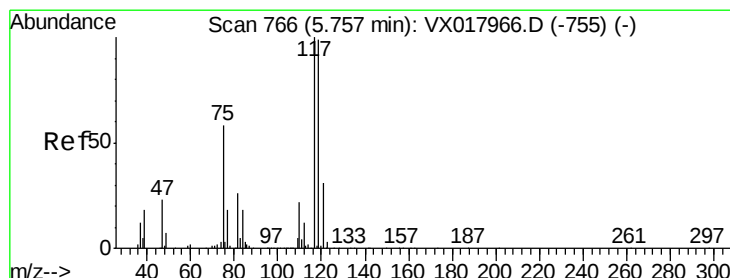
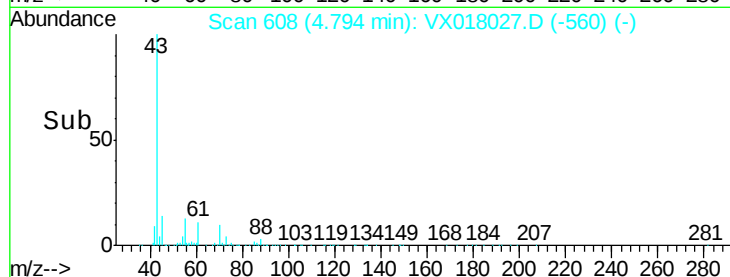
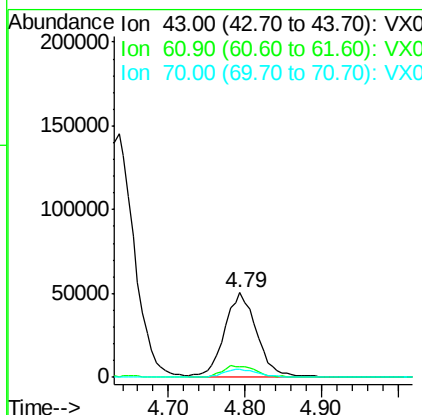
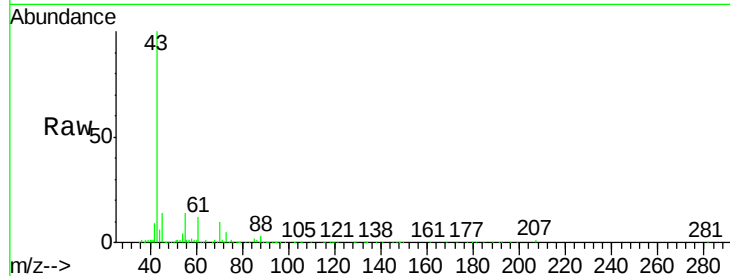
#37
Ethyl Acetate
Concen: 18.004 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion:	43	Resp:	145550
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.3	16.9
70	10.7	8.5	12.7

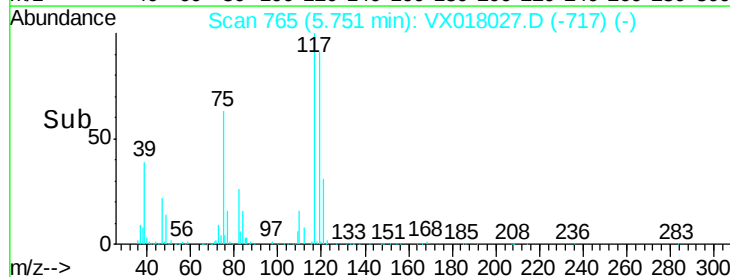
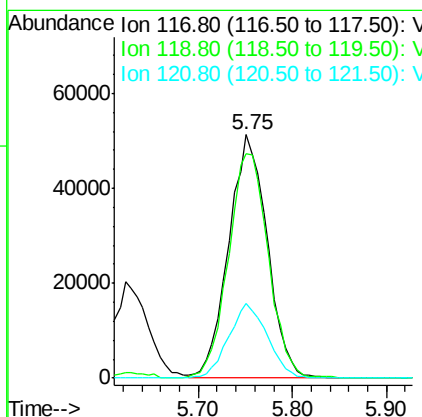
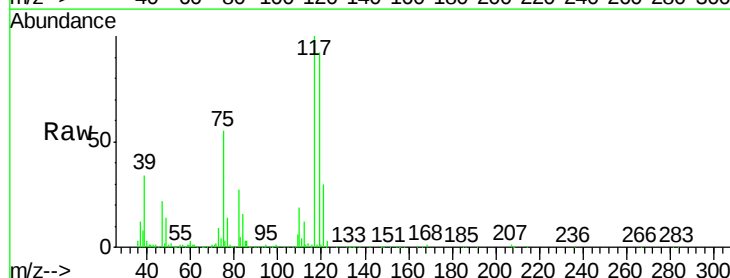
Manual Integrations
APPROVED

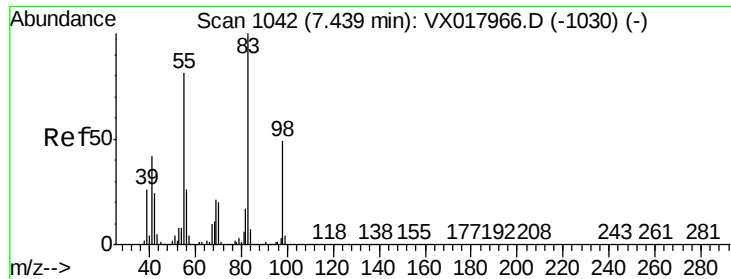
MMDadoda
8/21/2020 10:50:54 AM



#38
Carbon Tetrachloride
Concen: 16.757 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion:	117	Resp:	146541
Ion Ratio	Lower	Upper	
117	100		
119	92.0	79.0	118.6
121	30.5	24.7	37.1





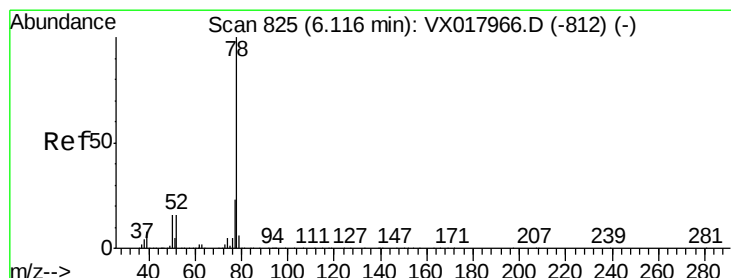
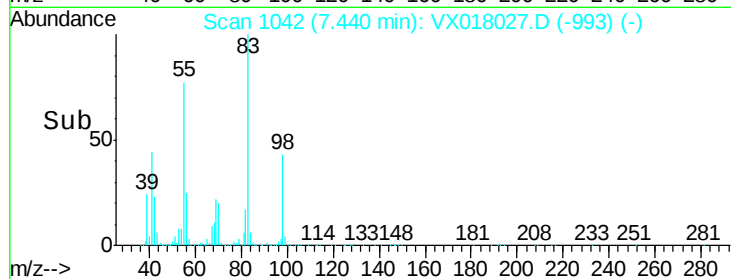
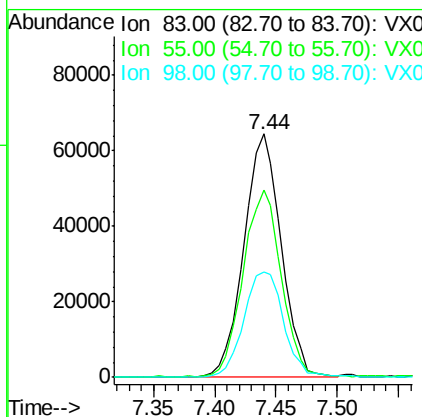
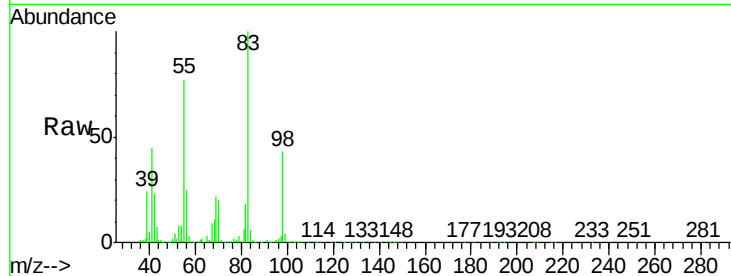
#39
Methvlcvclohexane
Concen: 16.430 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	64.5	96.7
98	43.1	39.0	58.6

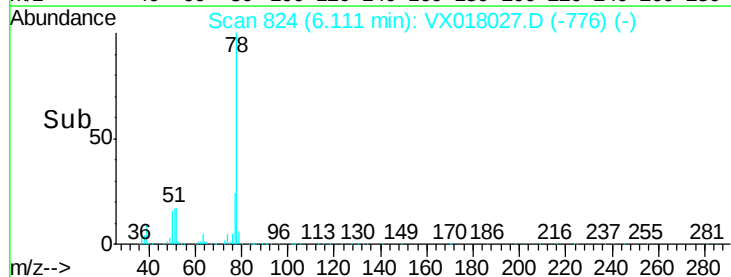
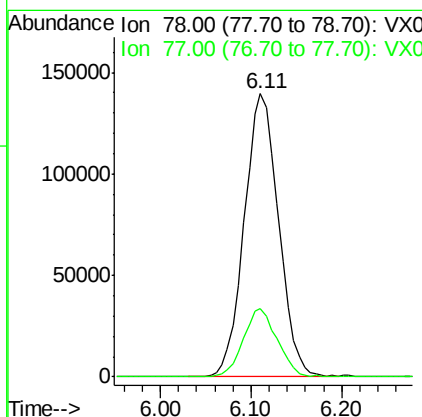
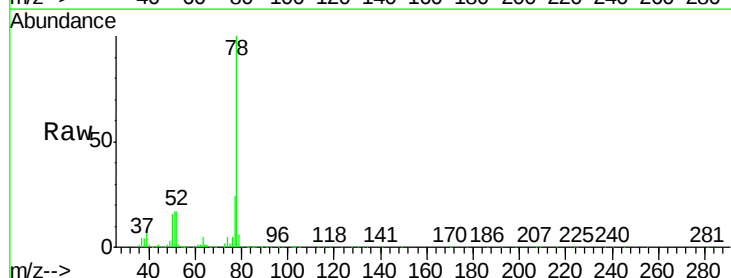
Manual Integrations
APPROVED

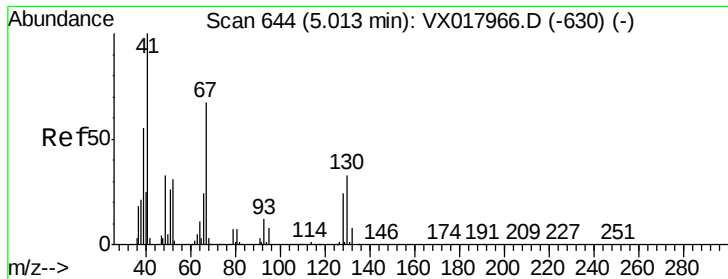
MMDadoda
8/21/2020 10:50:54 AM



#40
Benzene
Concen: 17.903 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





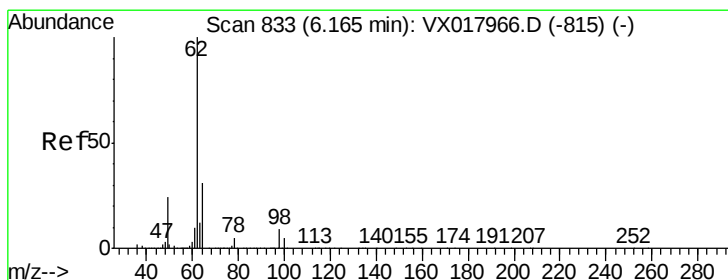
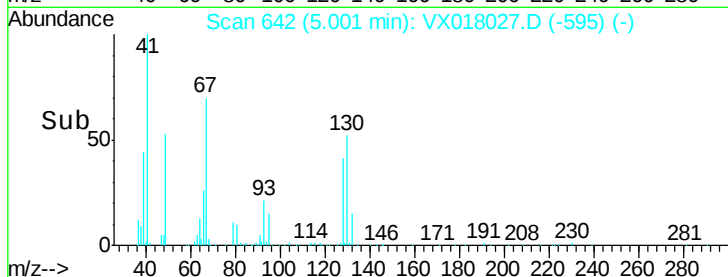
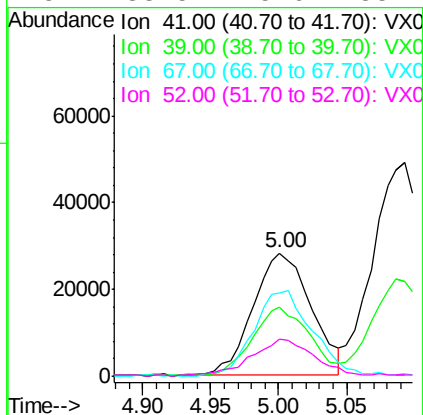
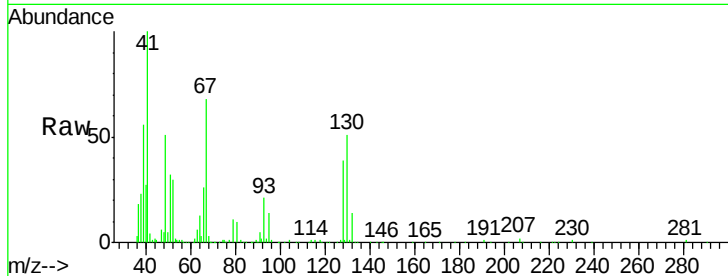
#41
Methacrylonitrile
Concen: 18.219 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	44.8	67.2	
67	70.3	57.5	86.3	
52	33.5	25.6	38.4	

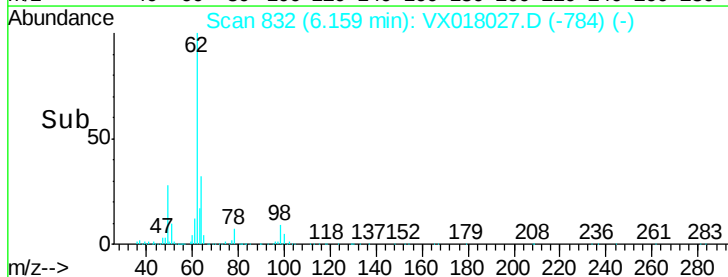
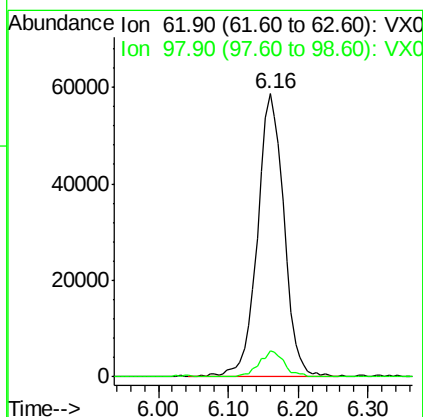
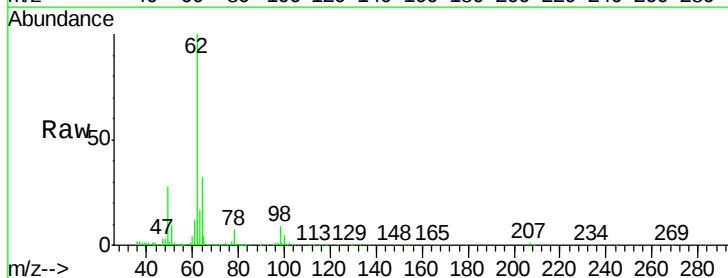
Manual Integrations
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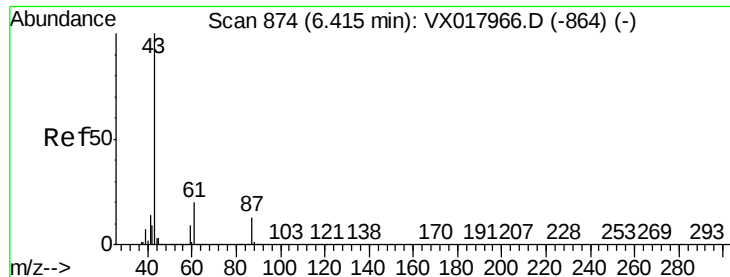
MMDadoda
8/21/2020 10:50:54 AM



#42
1,2-Dichloroethane
Concen: 17.909 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	17.2	





#43

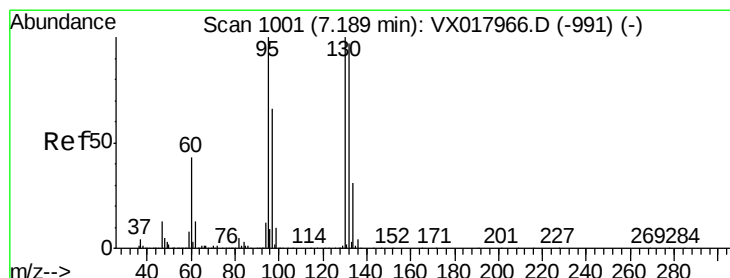
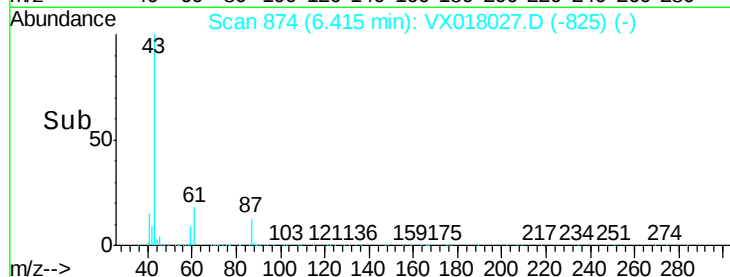
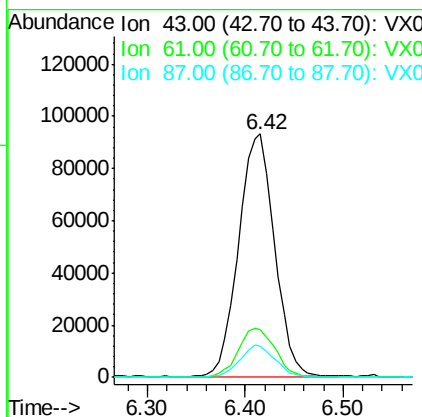
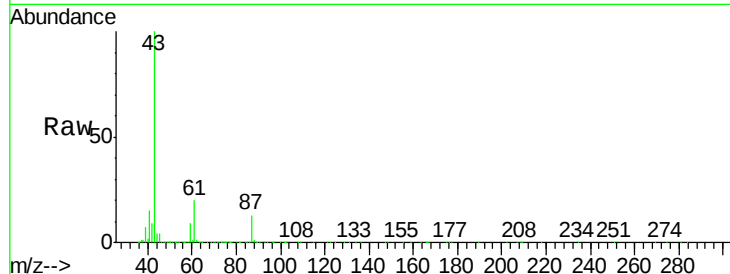
Isopropyl Acetate
 Concen: 18.184 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.2	24.4
87	13.2	10.8	16.2

Manual Integrations
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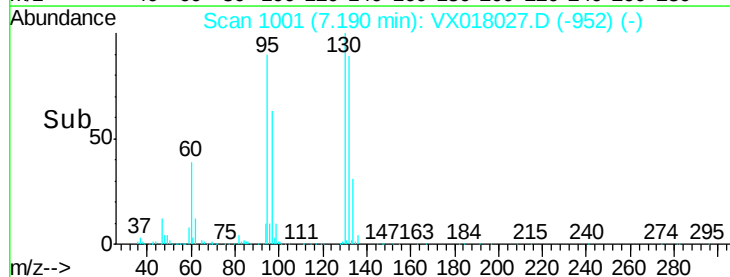
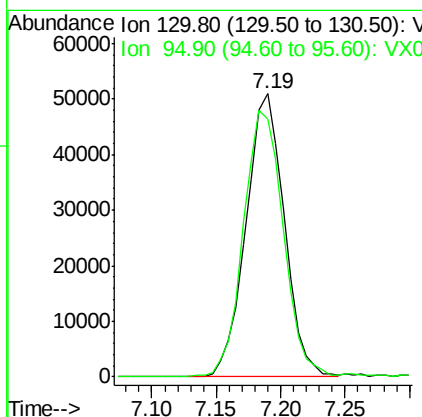
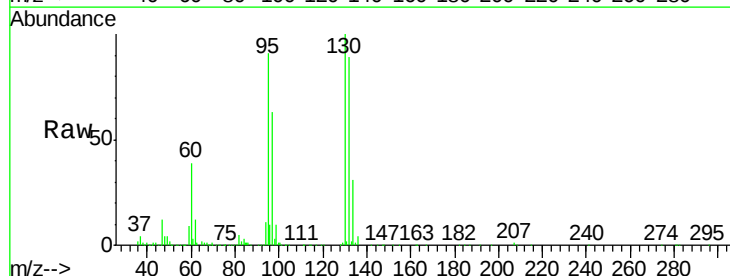
MMDadoda
 8/21/2020 10:50:54 AM

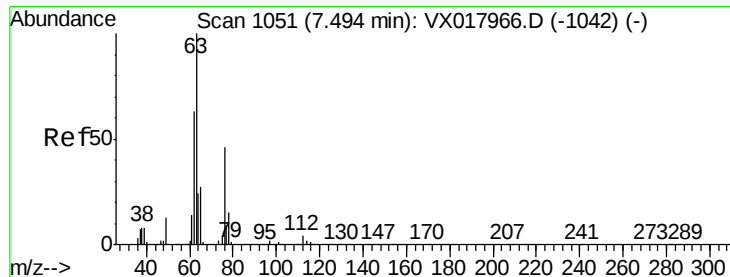


#44

Trichloroethene
 Concen: 17.381 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	200.6





#45

1,2-Dichloropropane

Concen: 18.021 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tot Ion: 63 Resp: 105083

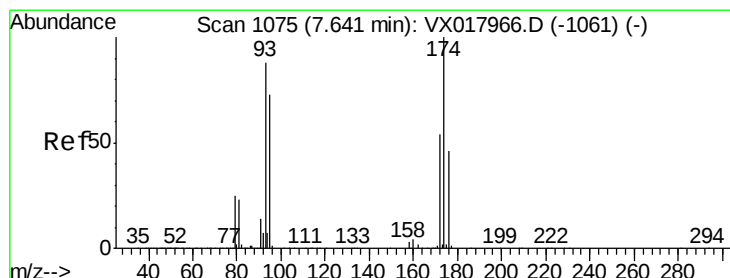
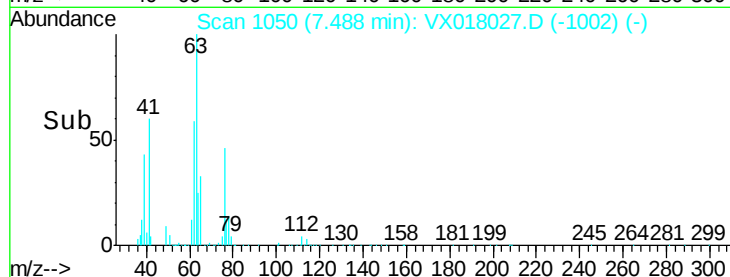
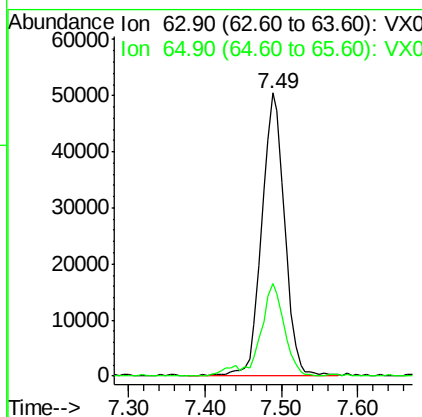
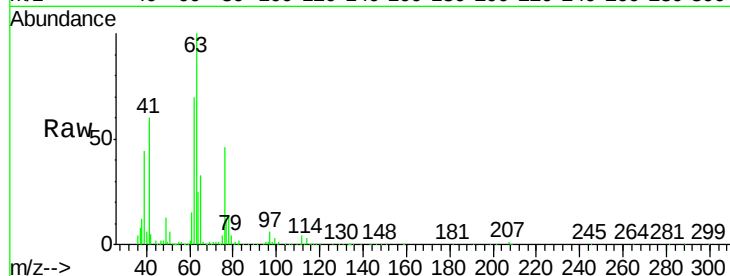
Ion Ratio Lower Upper

63 100

65 32.8 23.8 35.8

Manual Integrations
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8/21/2020 10:50:54 AM



#46

Dibromomethane

Concen: 17.952 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

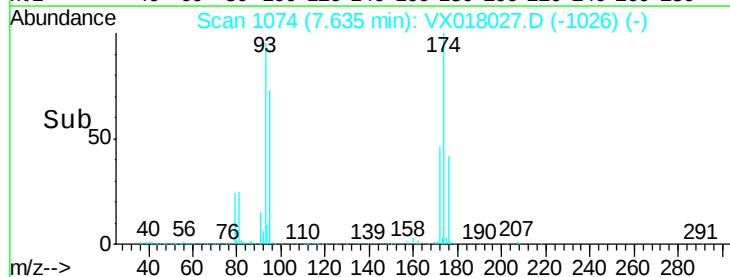
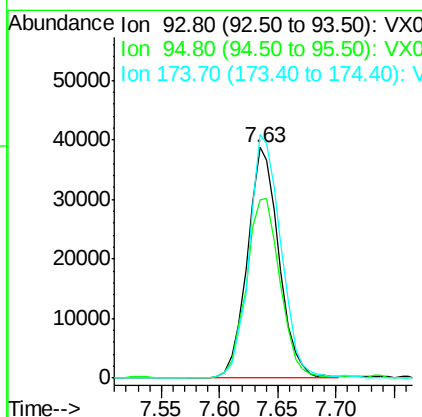
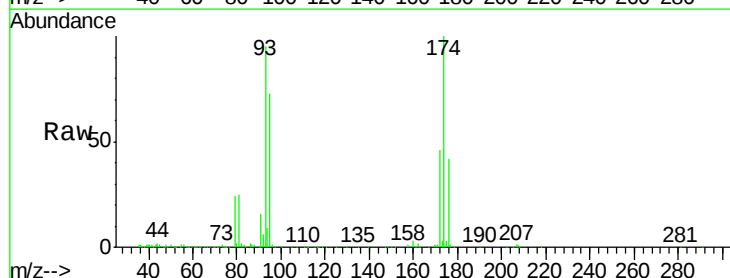
Tgt Ion: 93 Resp: 73057

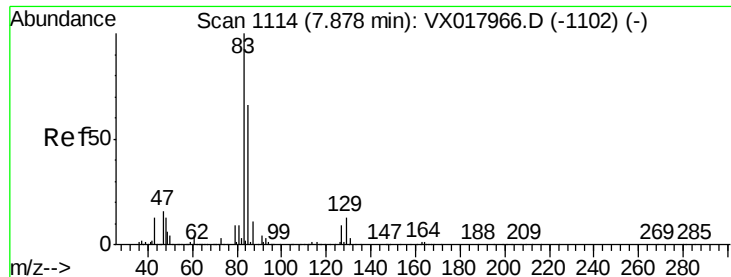
Ion Ratio Lower Upper

93 100

95 83.1 66.8 100.2

174 106.2 88.3 132.5





#47

Bromodichloromethane

Concen: 17.923 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

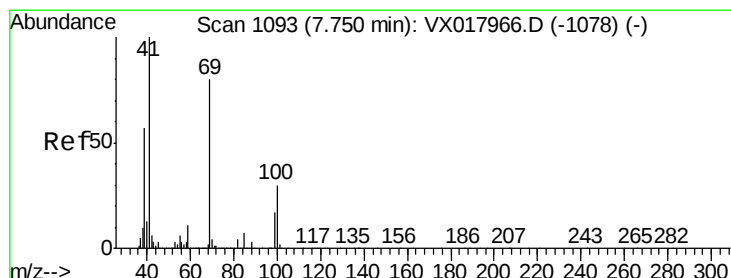
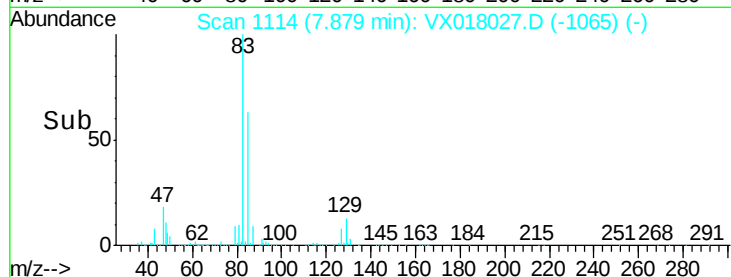
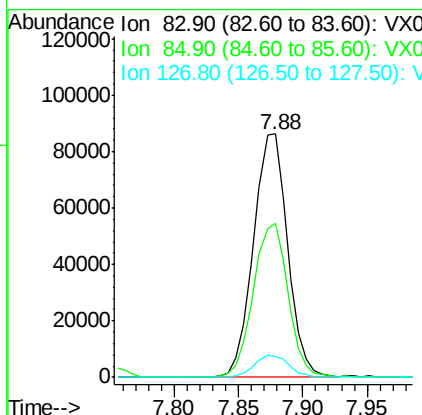
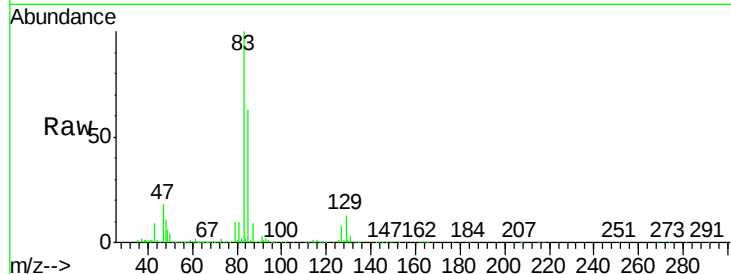
ClientSampleId :

VX0820WBSD01

Tot Ion:	83	Resp:	158341
Ion Ratio	Lower	Upper	
83	100		
85	63.3	52.4	78.6
127	8.4	7.0	10.6

Manual Integrations
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MMDadoda
8/21/2020 10:50:54 AM



#48

Methyl methacrylate

Concen: 18.167 ug/l

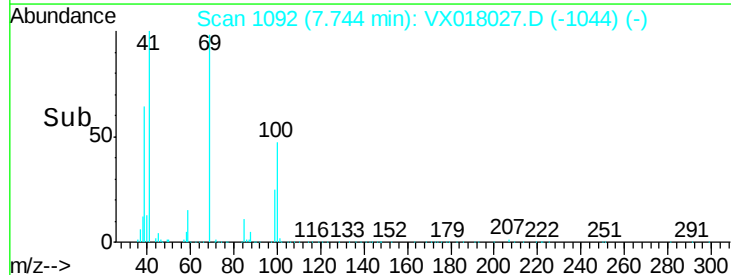
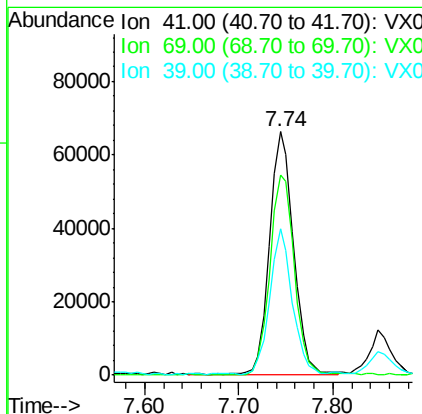
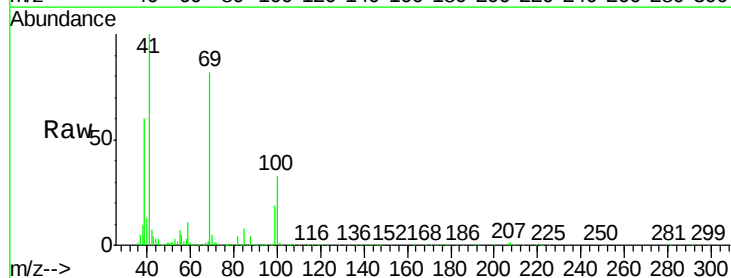
RT: 7.74 min Scan# 1092

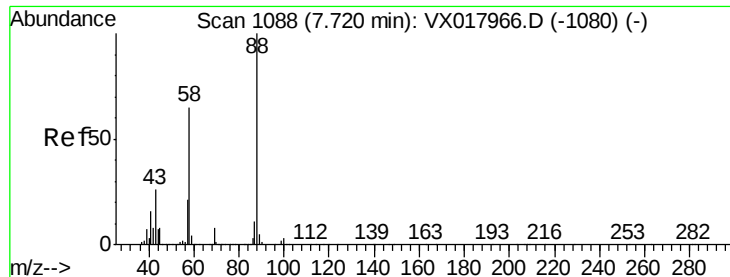
Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tgt Ion:	41	Resp:	117537
Ion Ratio	Lower	Upper	
41	100		
69	85.1	64.3	96.5
39	56.2	45.3	67.9





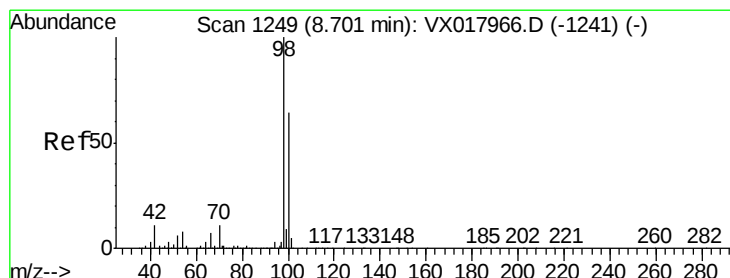
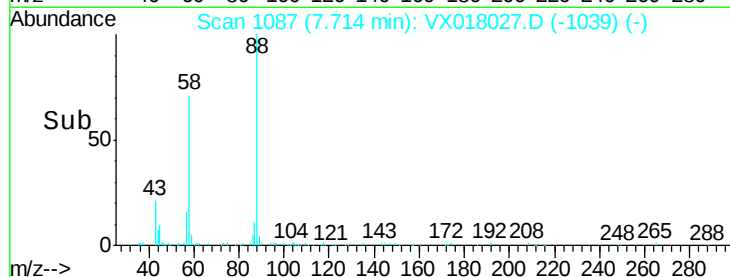
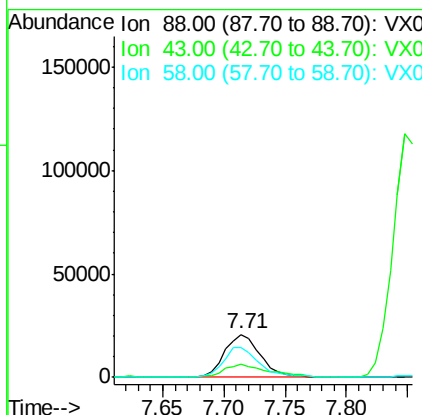
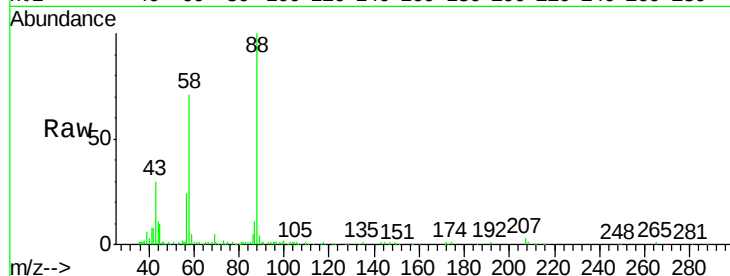
#49
1,4-Dioxane
Concen: 311.717 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	27.3	40.9
58	69.8	57.7	86.5

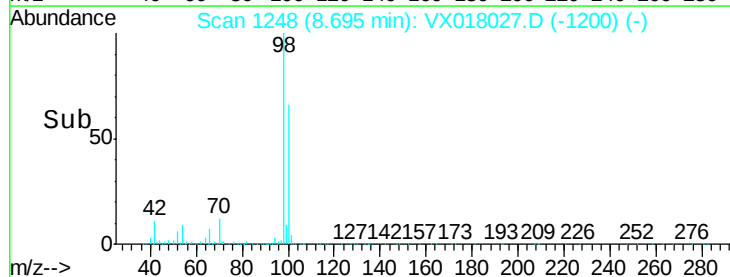
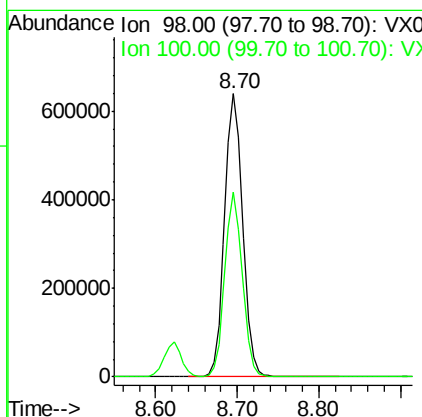
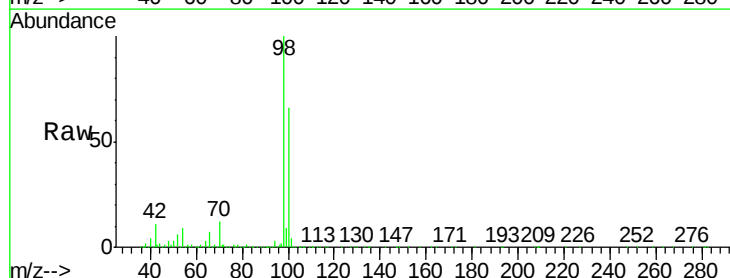
Manual Integrations
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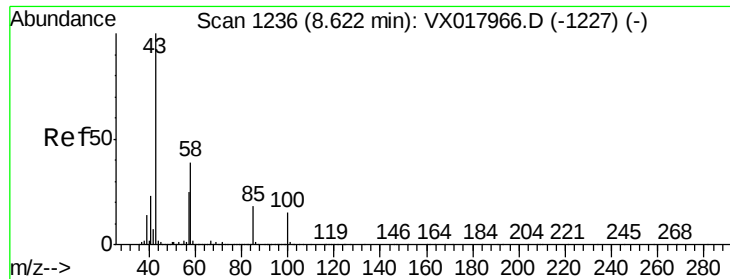
MMDadoda
8/21/2020 10:50:54 AM



#50
Toluene-d8
Concen: 46.129 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.4	77.2





#51

4-Methyl-2-Pentanone

Concen: 91.656 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tot Ion: 43 Resp: 805379

Ion Ratio Lower Upper

43 100

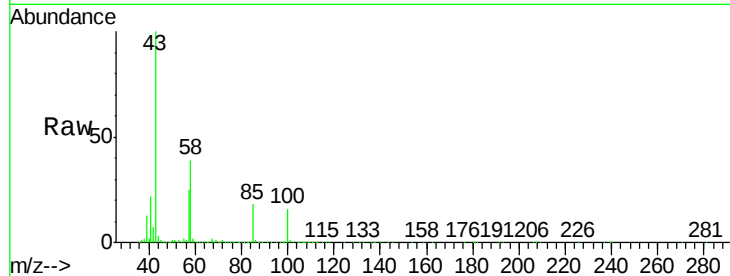
58 38.2 31.0 46.4

Manual Integrations

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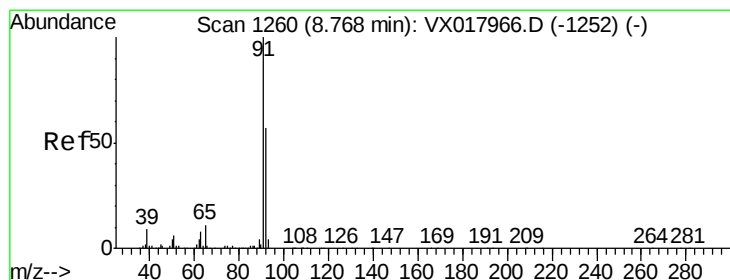
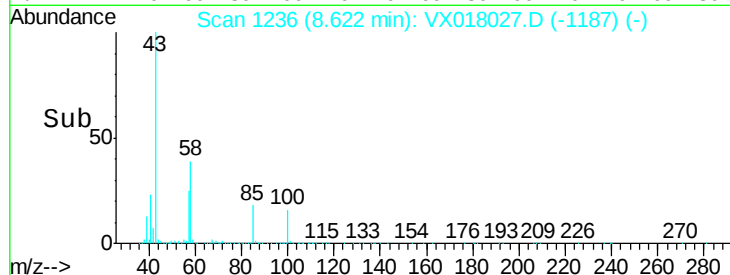
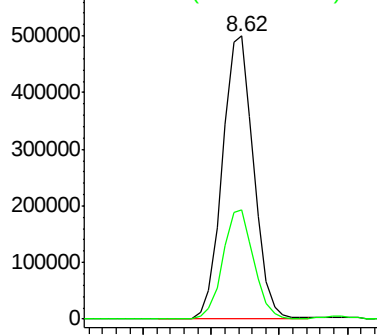
MMDadoda

8/21/2020 10:50:54 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.787 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018027.D

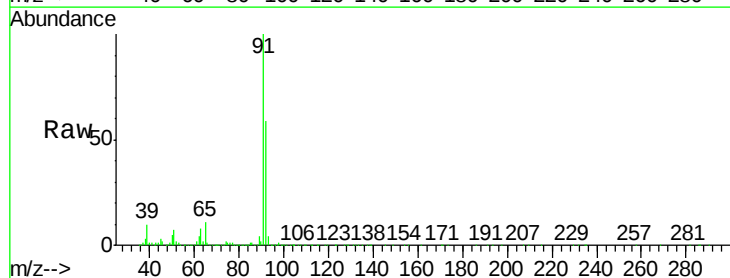
Acq: 20 Aug 2020 12:16

Tgt Ion: 92 Resp: 236823

Ion Ratio Lower Upper

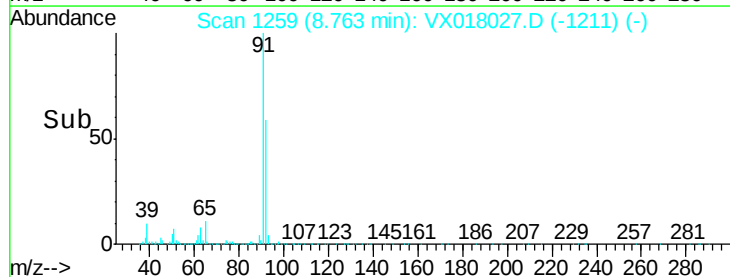
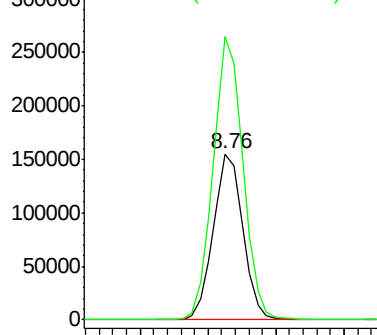
92 100

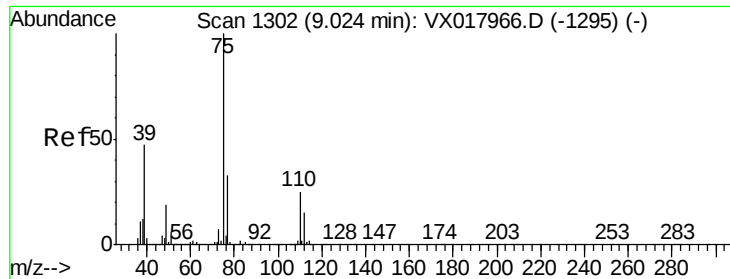
91 171.8 138.4 207.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





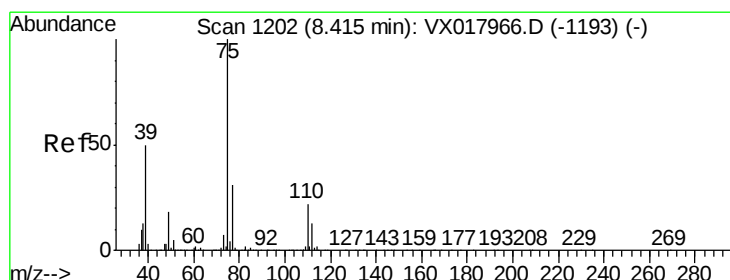
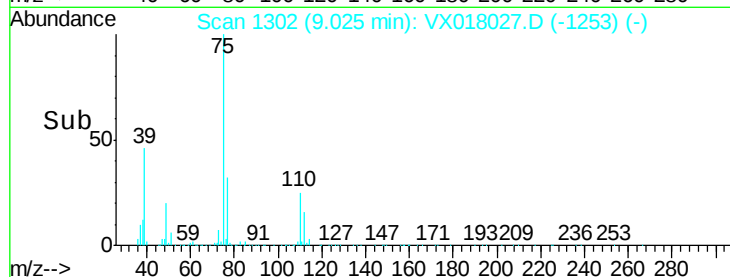
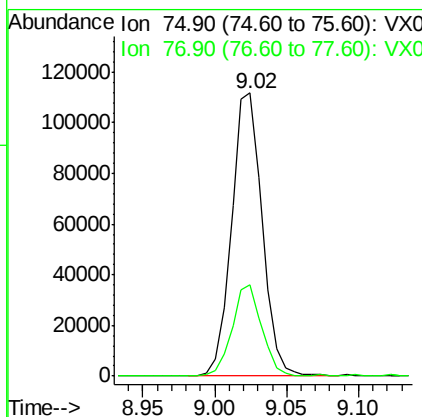
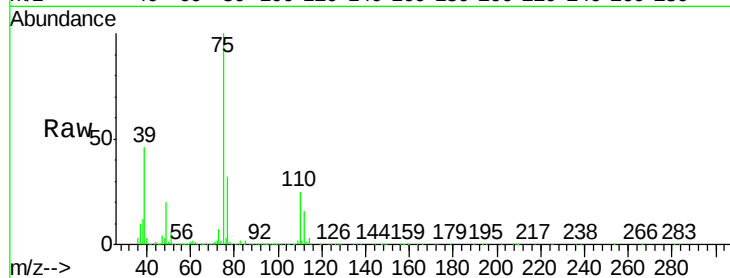
#53
t-1,3-Dichloropropene
Concen: 17.696 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	26.1	39.1

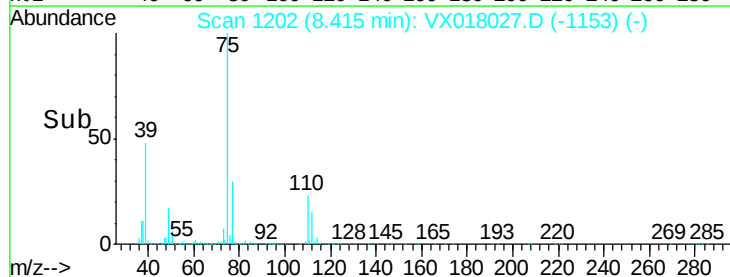
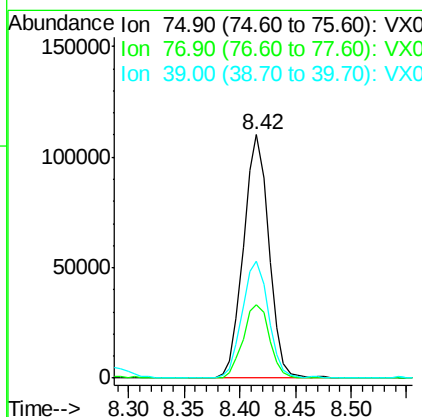
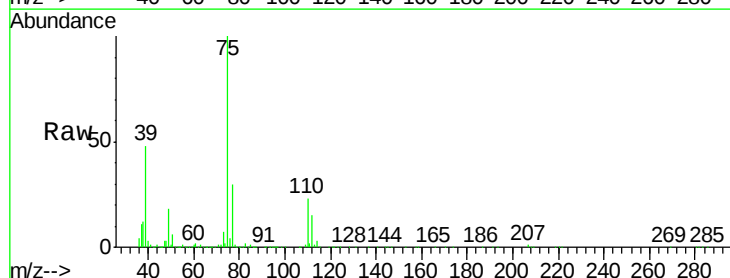
Manual Integrations
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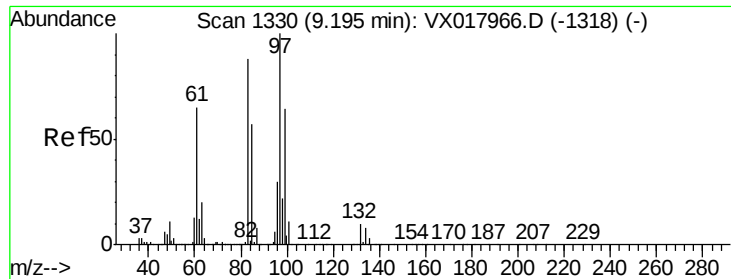
MMDadoda
8/21/2020 10:50:54 AM



#54
cis-1,3-Dichloropropene
Concen: 17.967 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.6	36.8
39	47.8	39.7	59.5





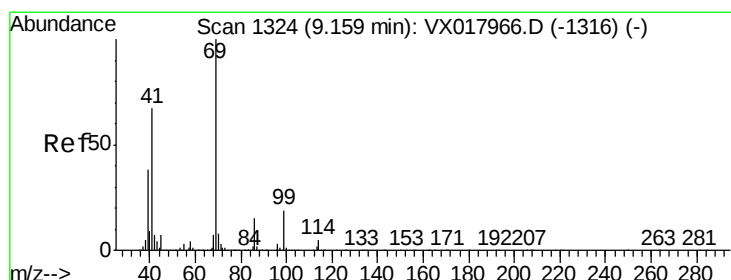
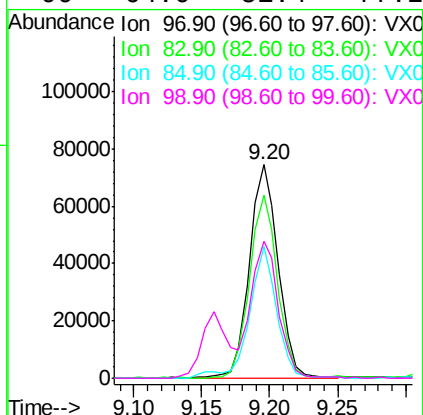
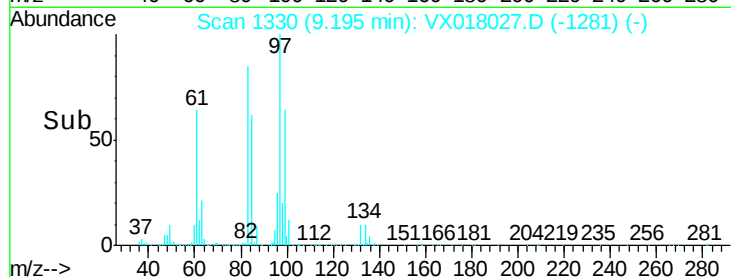
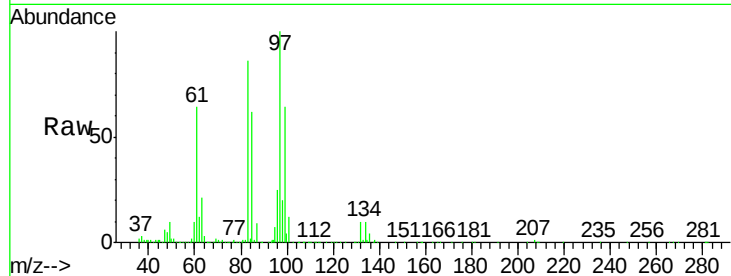
#55
 1,1,2-Trichloroethane
 Concen: 17.996 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		110080		
83	85.4	70.1	105.1		
85	61.4	45.8	68.8		
99	64.0	51.4	77.2		

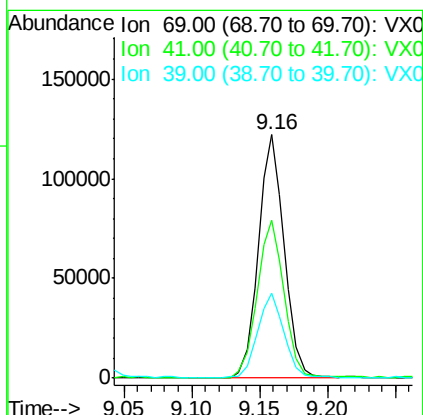
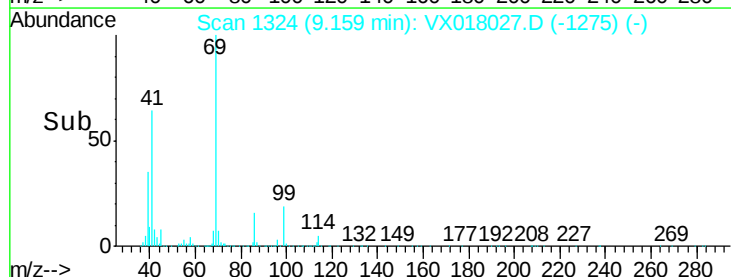
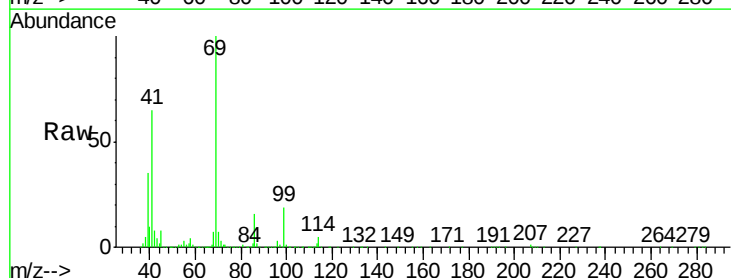
Manual Integrations
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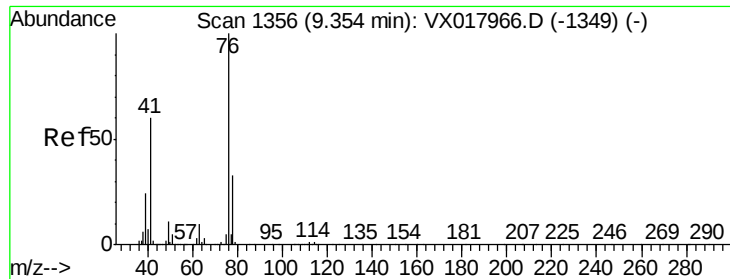
MMDadoda
 8/21/2020 10:50:54 AM



#56
 Ethyl methacrylate
 Concen: 18.768 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		162310		
41	67.2	52.3	78.5		
39	36.0	29.2	43.8		





#57

1,3-Dichloropropane

Concen: 18.299 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tot Ion: 76 Resp: 177767

Ion Ratio Lower Upper

76 100

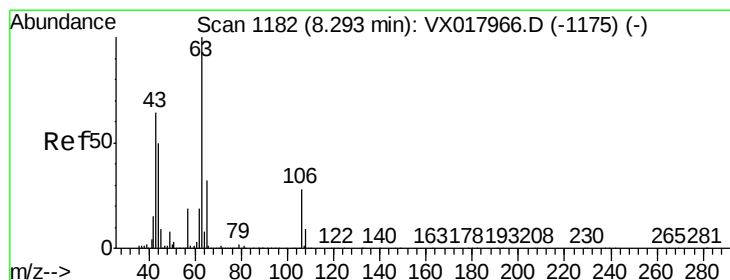
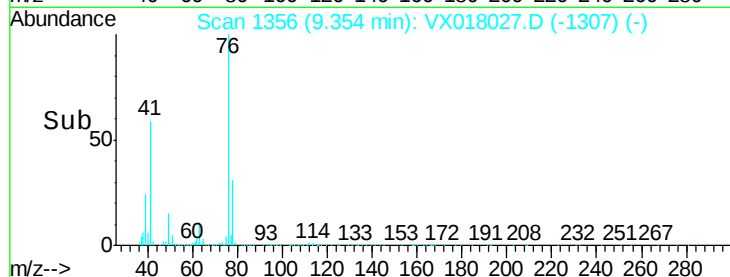
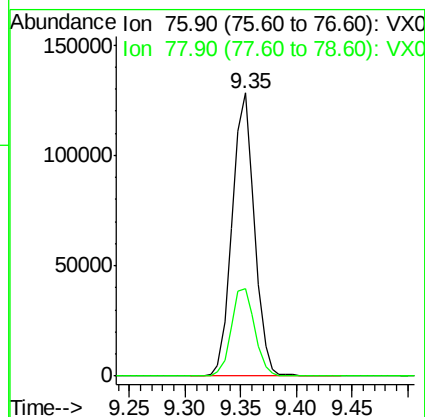
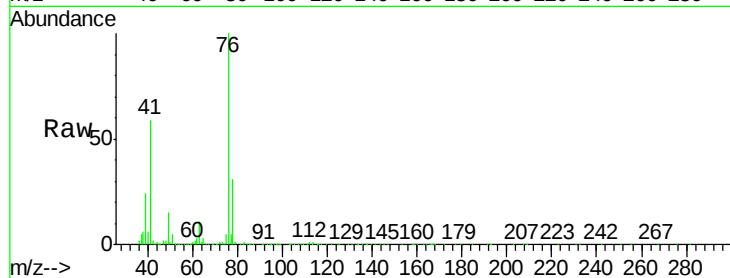
78 32.4 26.4 39.6

Manual Integrations

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MMDadoda

8/21/2020 10:50:54 AM



#58

2-Chloroethyl Vinyl ether

Concen: 86.751 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018027.D

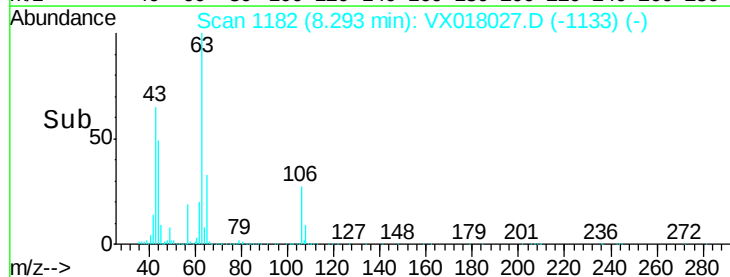
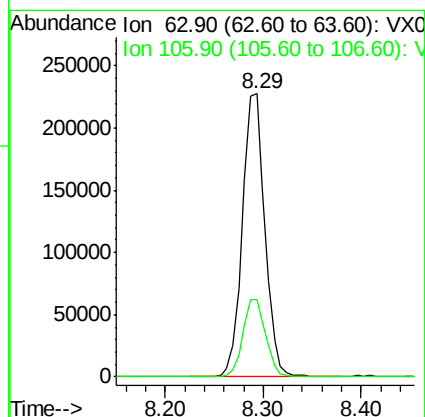
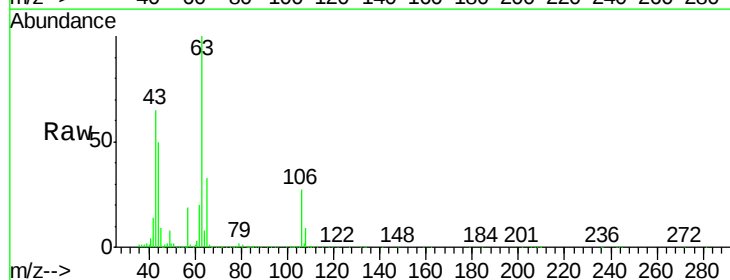
Acq: 20 Aug 2020 12:16

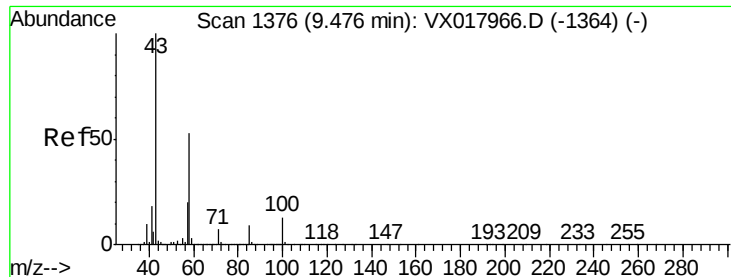
Tgt Ion: 63 Resp: 363317

Ion Ratio Lower Upper

63 100

106 27.6 23.0 34.4





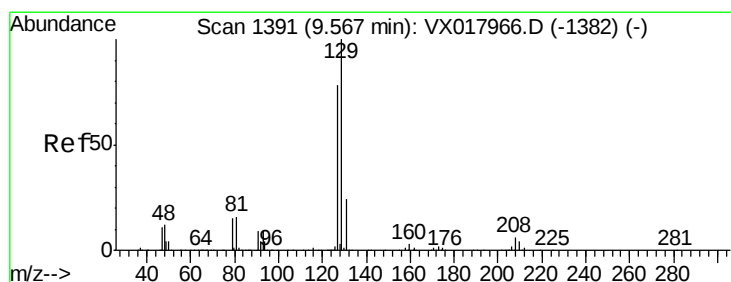
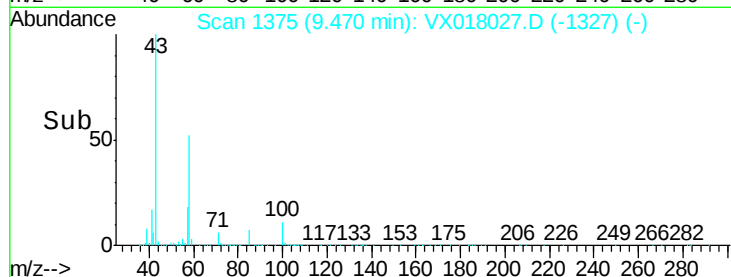
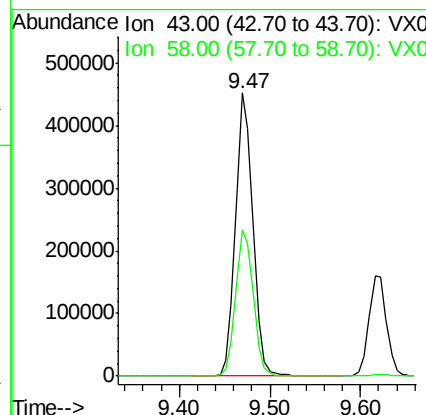
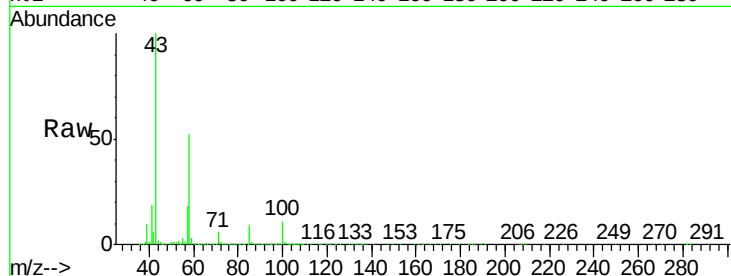
#59
2-Hexanone
Concen: 90.484 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion: 43 Resp: 602460
Ion Ratio Lower Upper
43 100
58 52.3 26.4 79.0

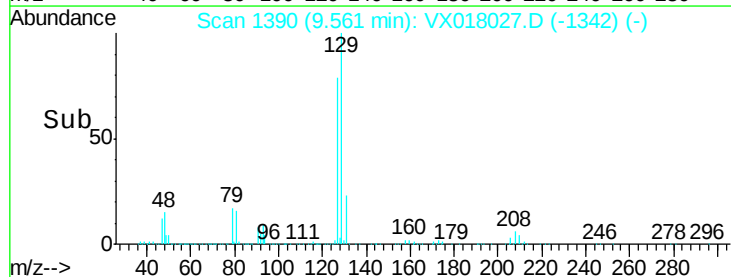
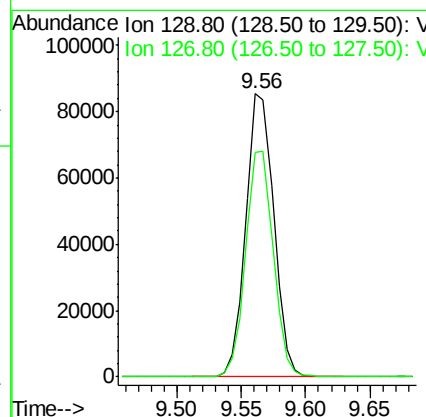
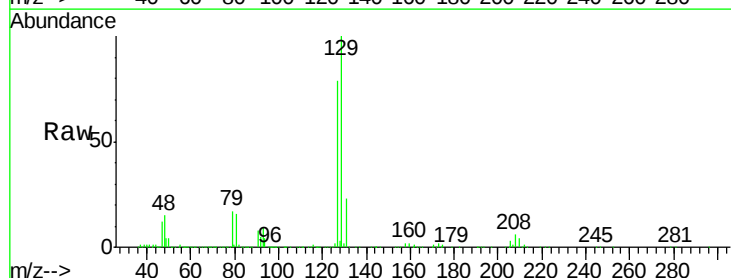
Manual Integrations
APPROVED

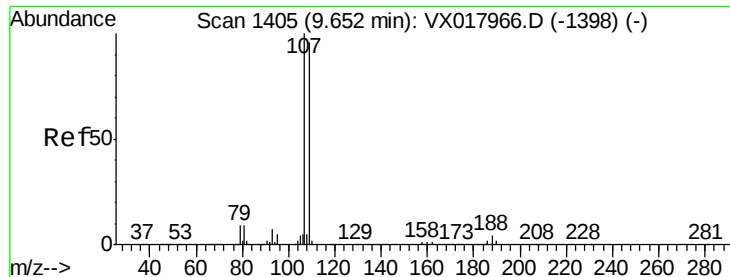
MMDadoda
8/21/2020 10:50:54 AM



#60
Dibromochloromethane
Concen: 16.795 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion:129 Resp: 128307
Ion Ratio Lower Upper
129 100
127 79.0 39.5 118.3





#61

1,2-Dibromoethane

Concen: 16.977 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tot Ion: 107 Resp: 115023

Ion Ratio Lower Upper

107 100

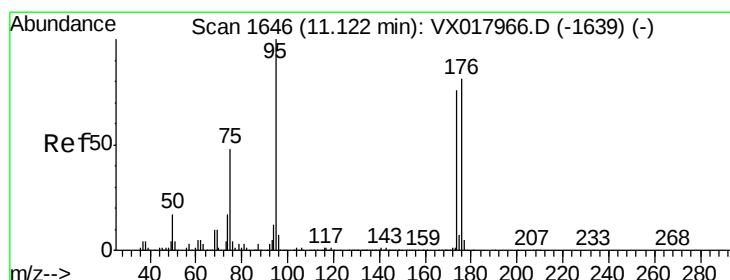
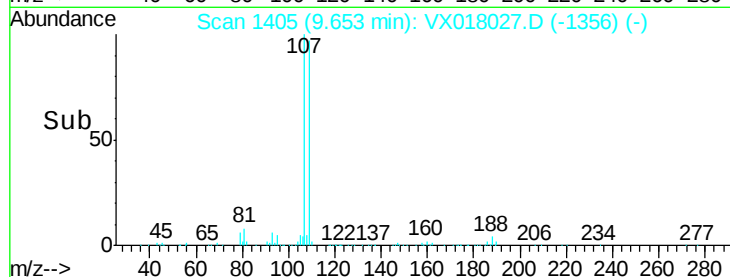
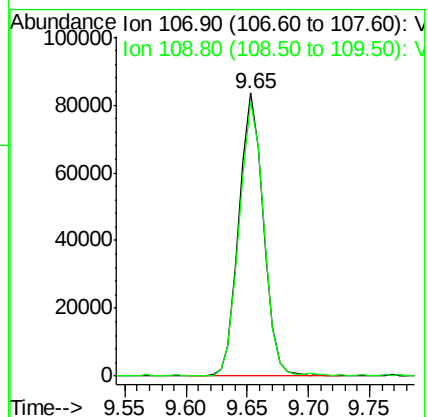
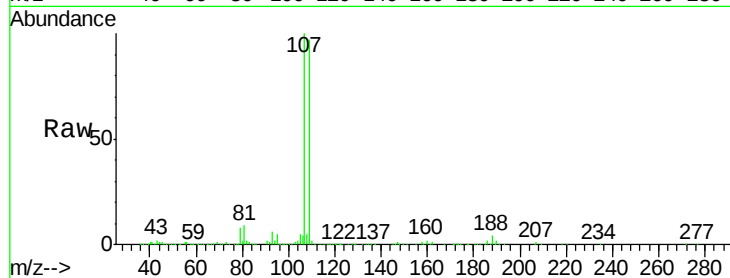
109 97.0 75.5 113.3

Manual Integrations

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MMDadoda

8/21/2020 10:50:54 AM



#62

4-Bromofluorobenzene

Concen: 48.955 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

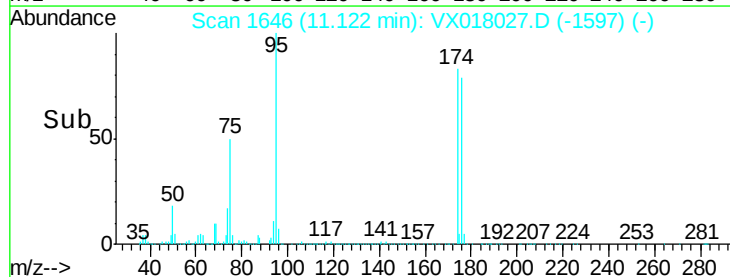
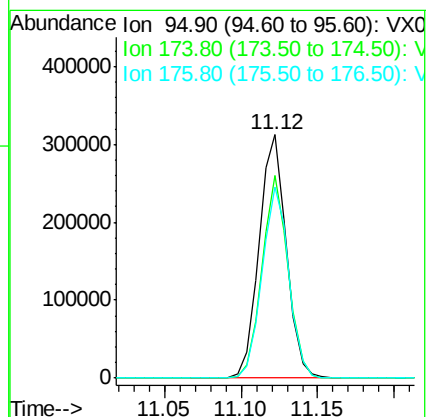
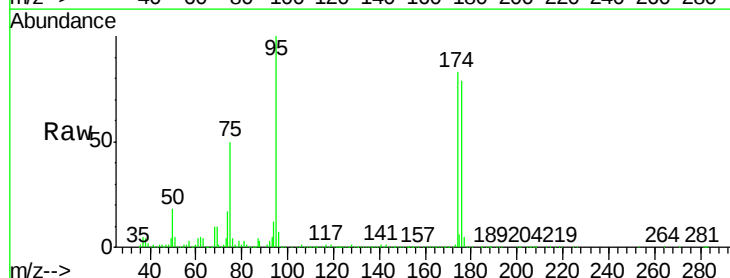
Tgt Ion: 95 Resp: 384216

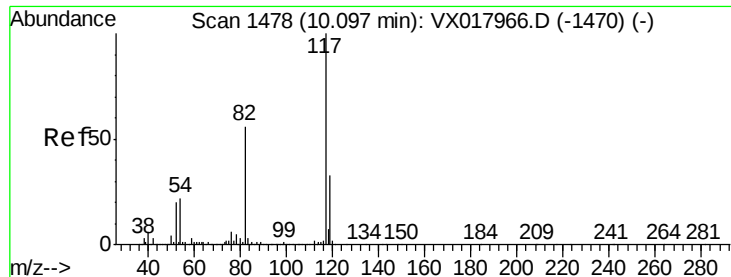
Ion Ratio Lower Upper

95 100

174 80.3 0.0 166.0

176 78.4 0.0 161.0





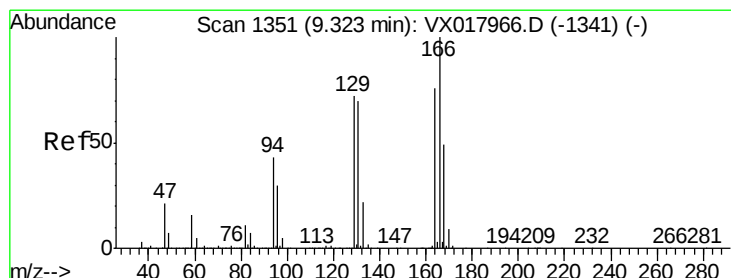
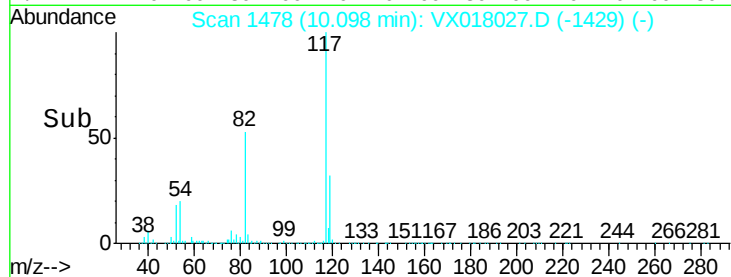
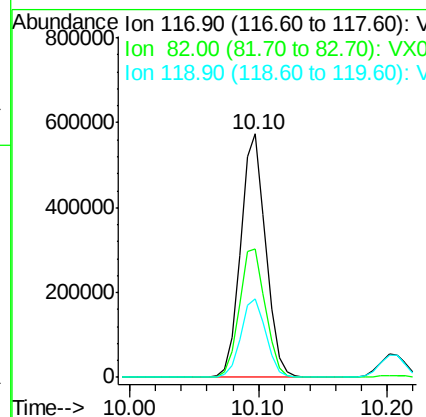
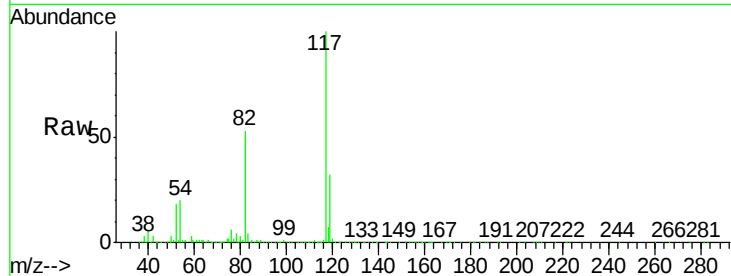
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	52.8	44.6	66.8
119	32.0	26.2	39.4

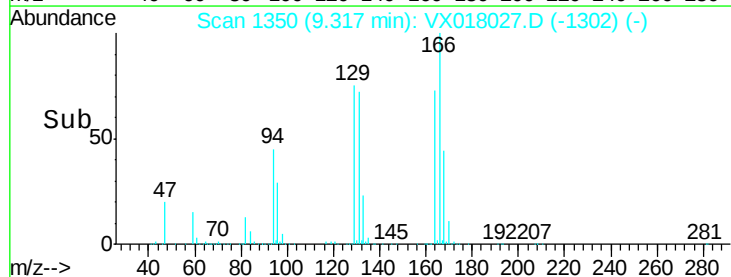
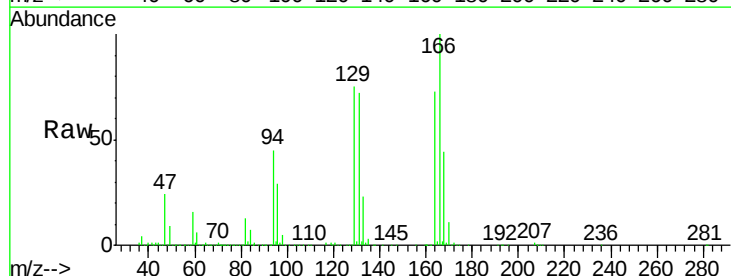
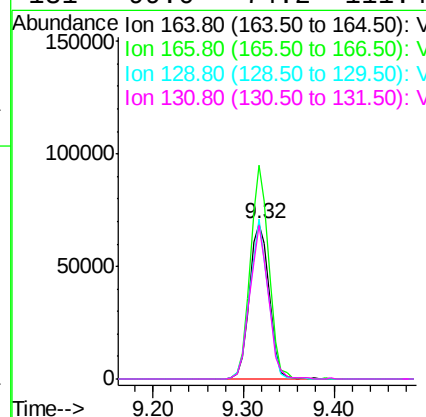
Manual Integrations
APPROVED

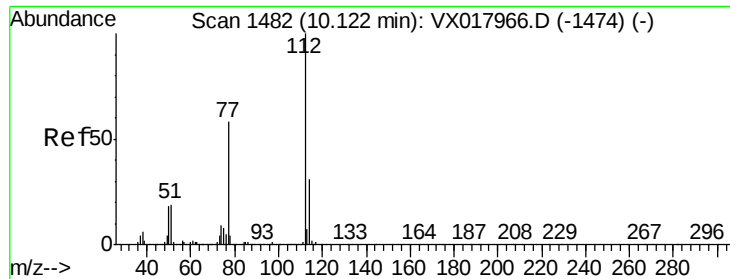
MMDadoda
8/21/2020 10:50:54 AM



#64
Tetrachloroethene
Concen: 17.580 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	137.6	105.7	158.5
129	103.1	75.8	113.8
131	99.0	74.2	111.4





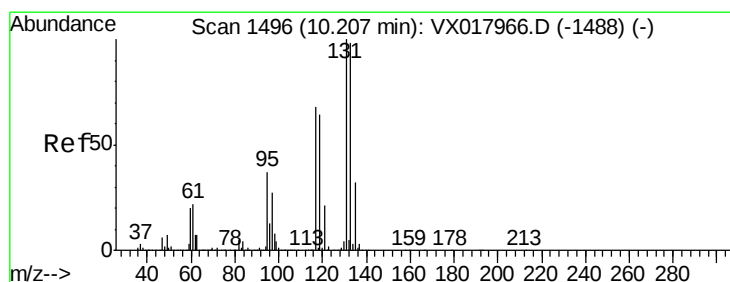
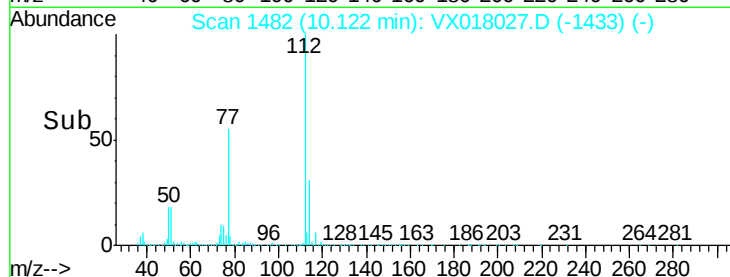
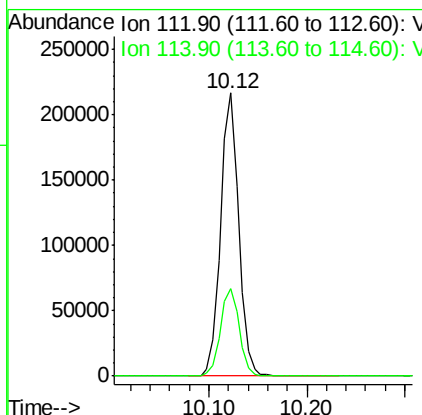
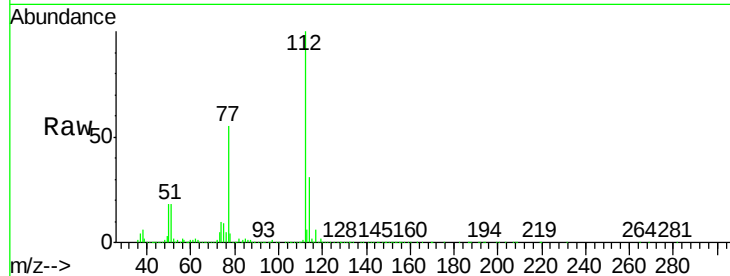
#65
Chlorobenzene
Concen: 18.159 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.7	25.0	37.6

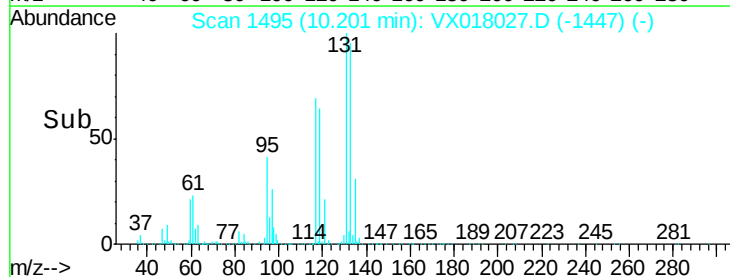
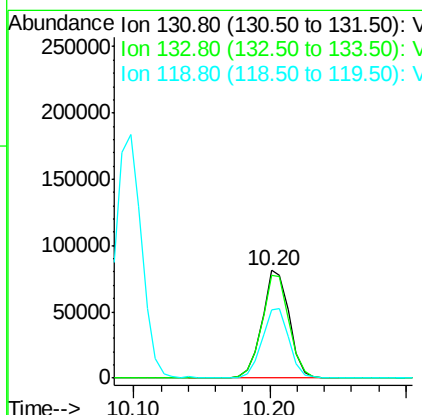
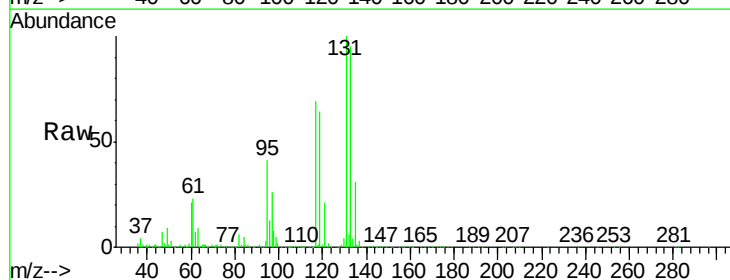
Manual Integrations
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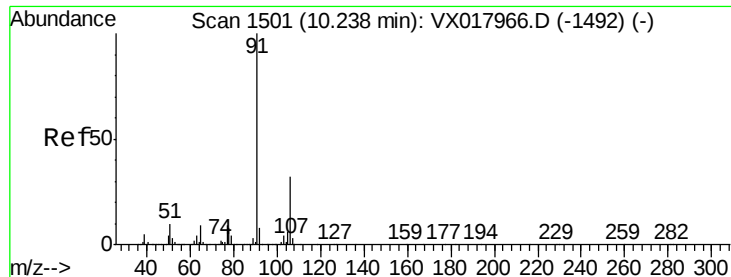
MMDadoda
8/21/2020 10:50:54 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.623 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.4	145.3
119	63.0	31.6	94.8





#67

Ethyl Benzene

Concen: 18.429 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tot Ion: 91 Resp: 465297

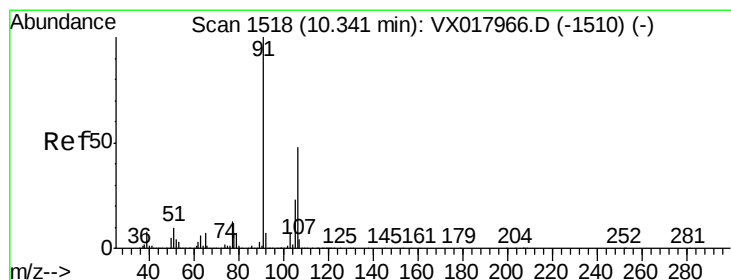
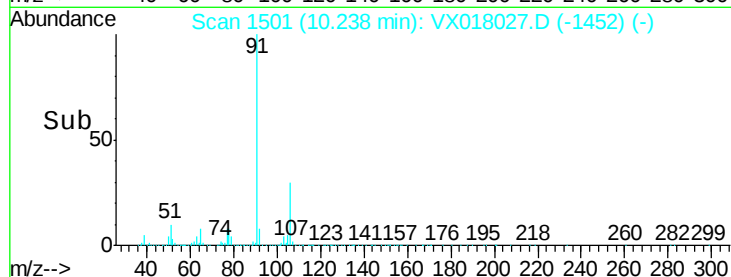
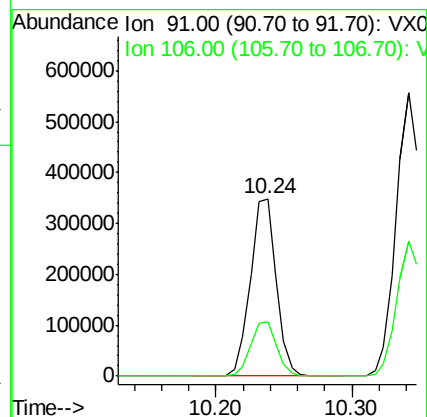
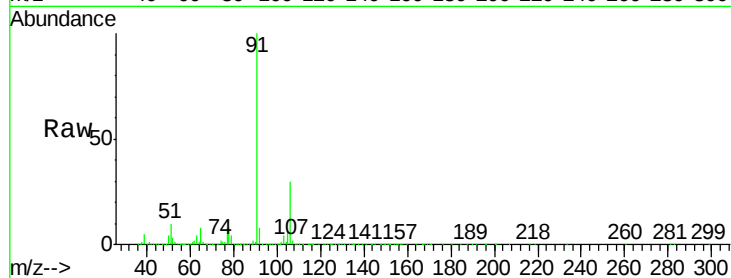
Ion Ratio Lower Upper

91 100

106 30.3 25.4 38.0

Manual Integrations
APPROVED

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8/21/2020 10:50:54 AM



#68

m/p-Xylenes

Concen: 35.784 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018027.D

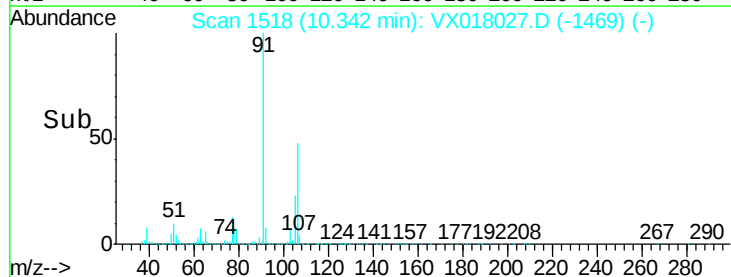
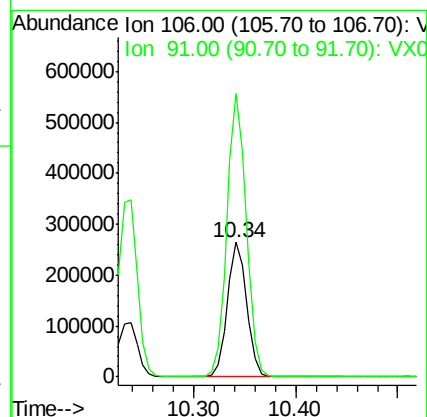
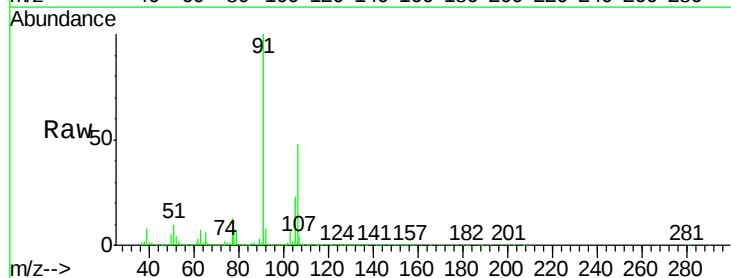
Acq: 20 Aug 2020 12:16

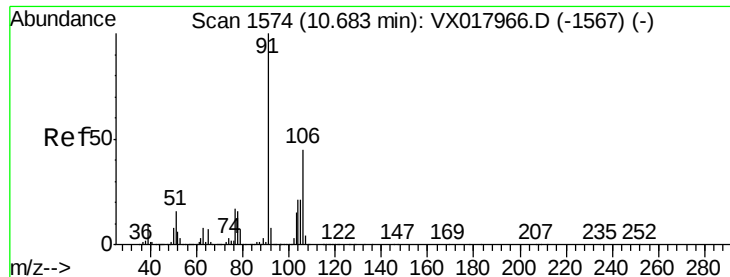
Tgt Ion: 106 Resp: 347819

Ion Ratio Lower Upper

106 100

91 210.8 167.4 251.2





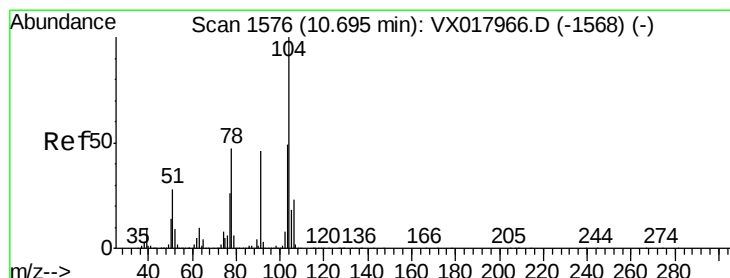
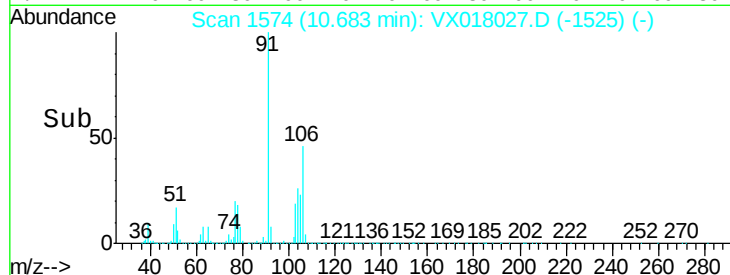
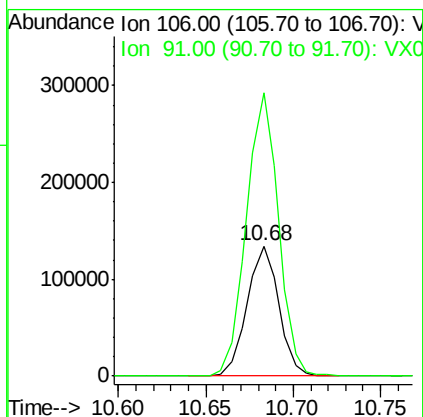
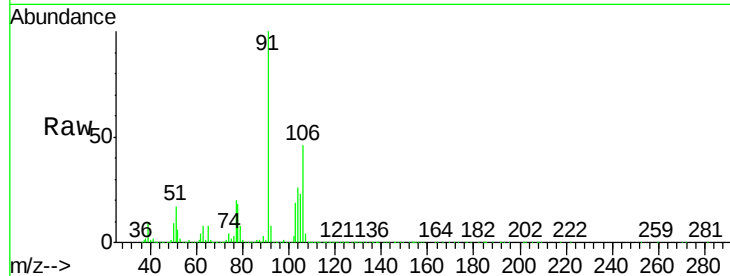
#69
o-Xylene
Concen: 18.169 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.8	108.1	324.2

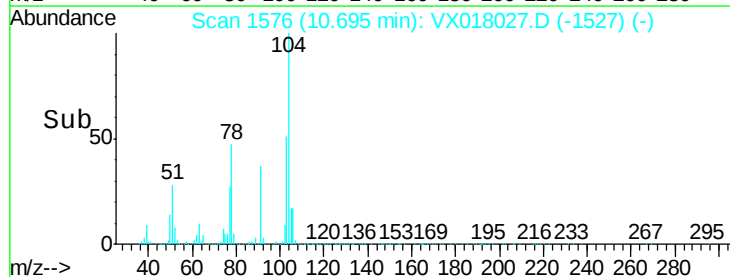
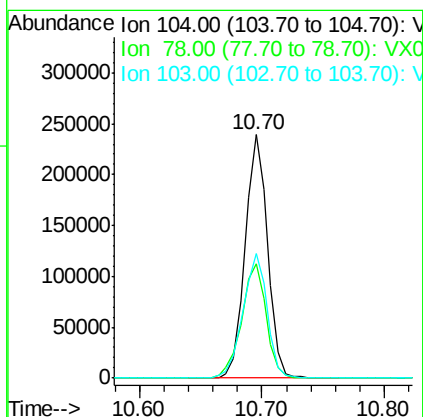
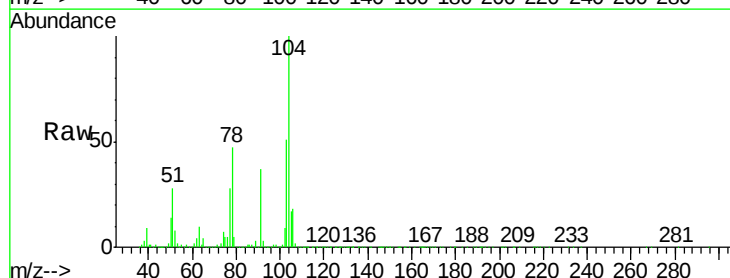
Manual Integrations
APPROVED

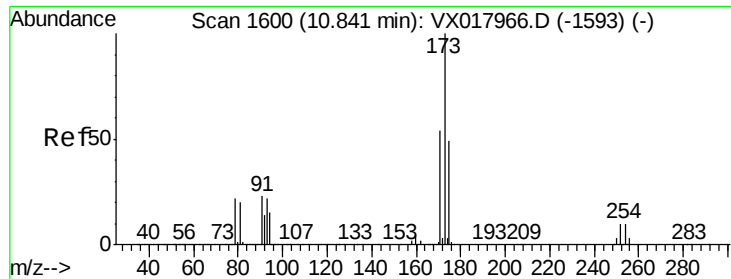
MMDadoda
8/21/2020 10:50:54 AM



#70
Styrene
Concen: 18.831 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.3	61.9
103	55.1	42.9	64.3





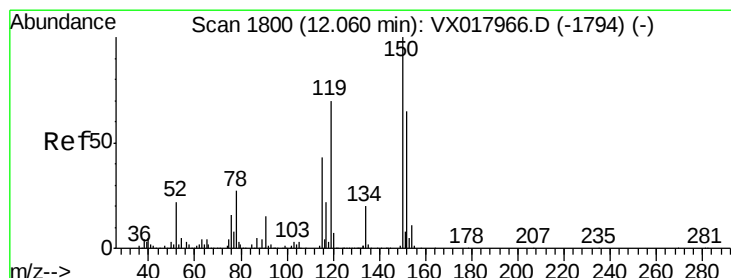
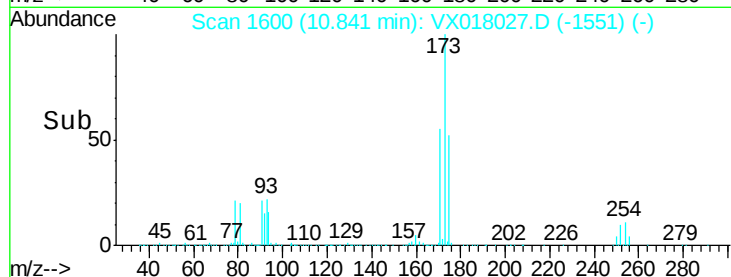
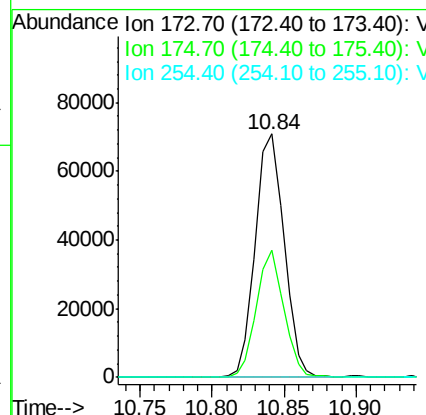
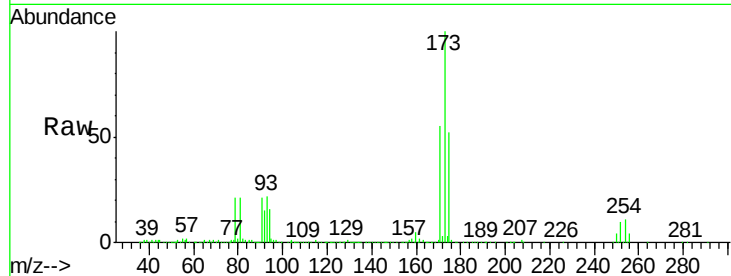
#71
Bromoform
Concen: 16.922 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.4	73.2
254	0.1	0.2	0.2#

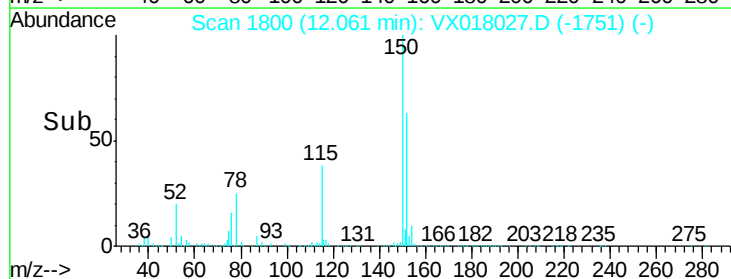
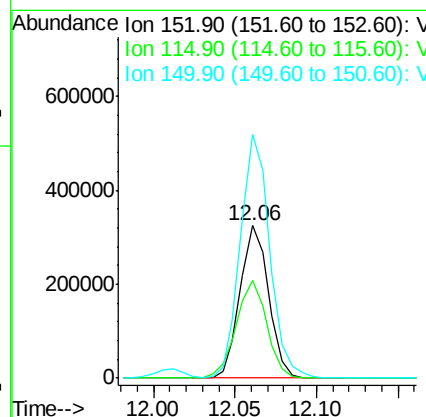
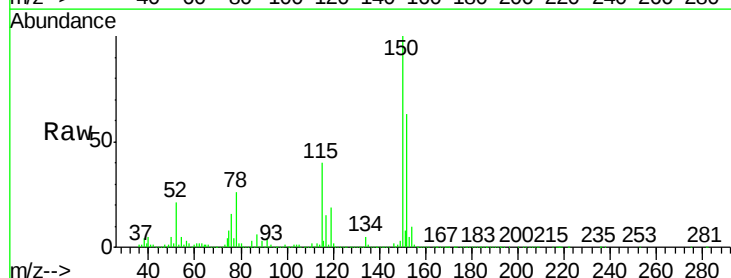
Manual Integrations
APPROVED

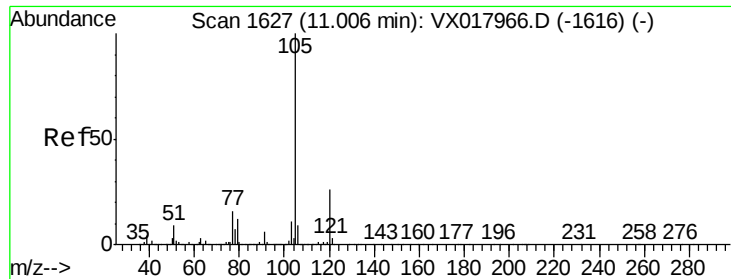
MMDadoda
8/21/2020 10:50:54 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.2	40.6	121.7
150	163.9	0.0	346.4





#73

Isopropylbenzene

Concen: 18.439 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tot Ion:105 Resp: 471109

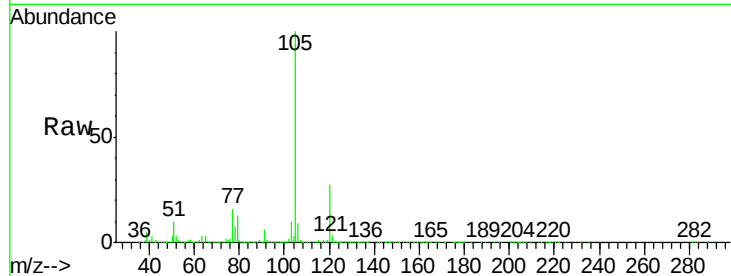
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4

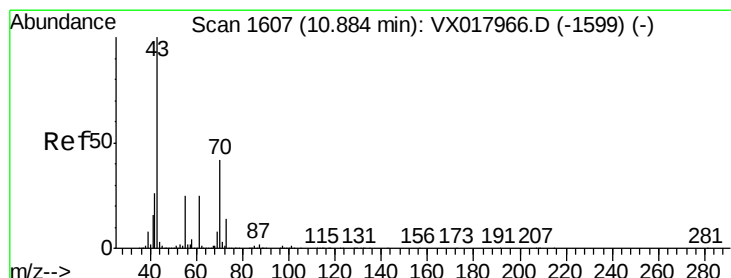
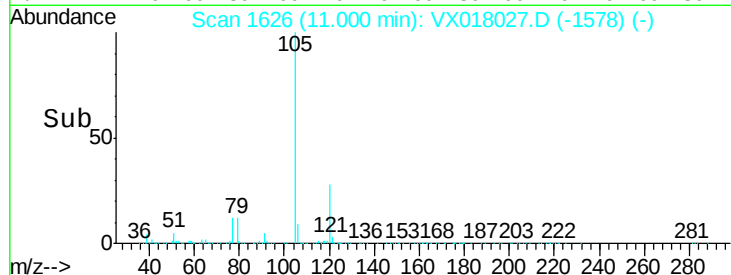
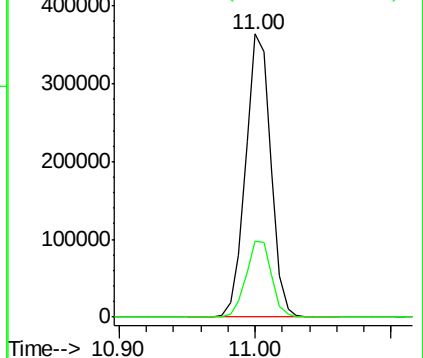
Manual Integrations
APPROVED

MMDadoda
8/21/2020 10:50:54 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.136 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tgt Ion: 43 Resp: 217463

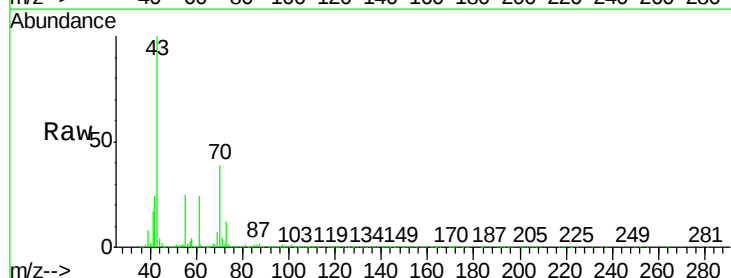
Ion Ratio Lower Upper

43 100

70 40.5 32.9 49.3

55 24.5 19.3 28.9

61 23.9 19.6 29.4

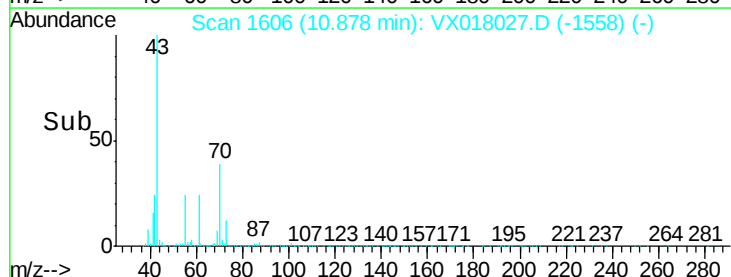
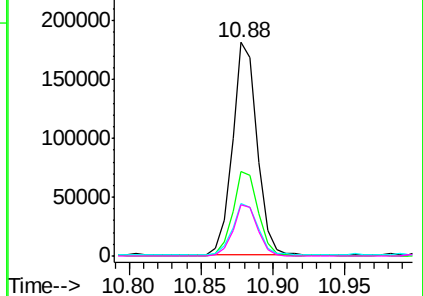


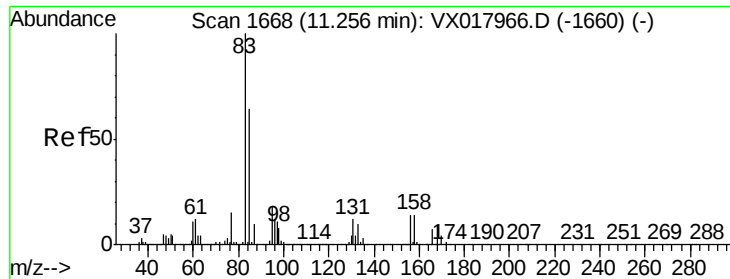
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.791 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

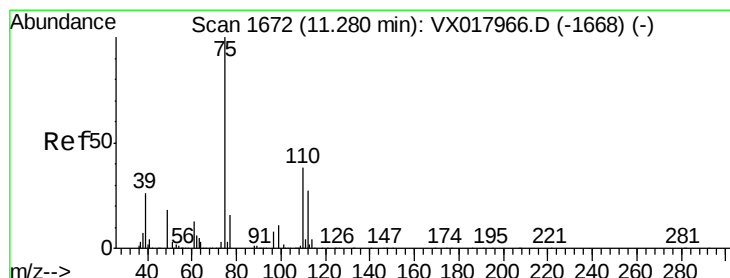
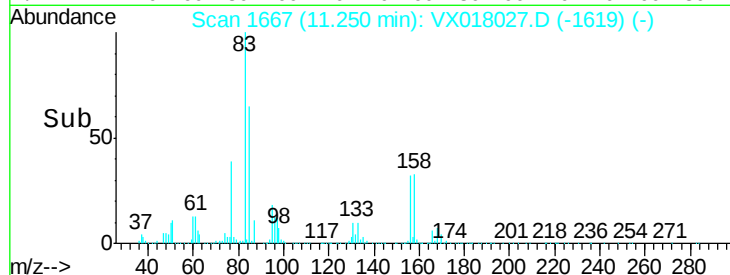
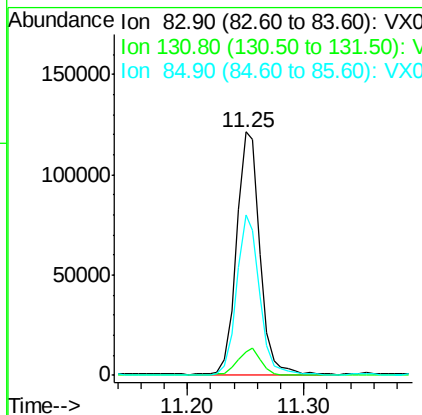
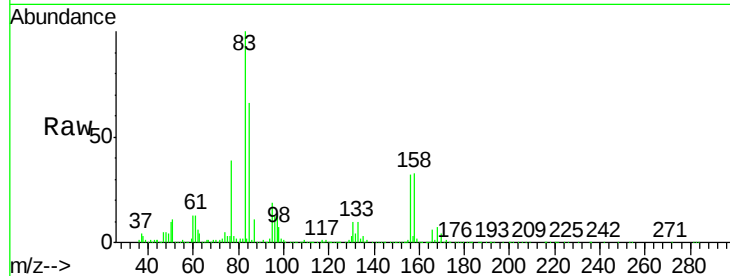
ClientSampleId :

VX0820WBSD01

Tot Ion:	83	Resp:	167484
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.7	17.0
85	64.4	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 19.476 ug/l m

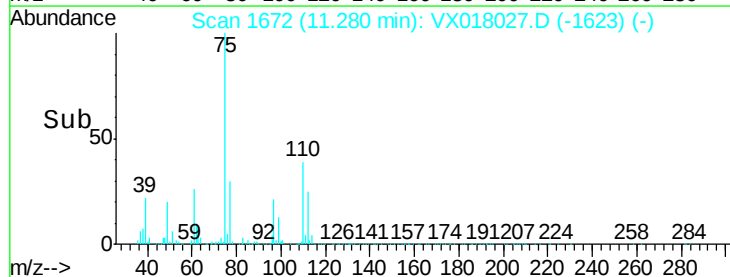
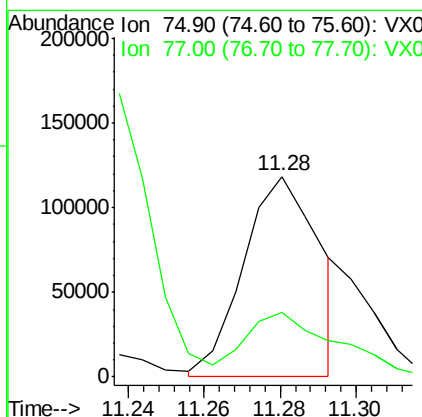
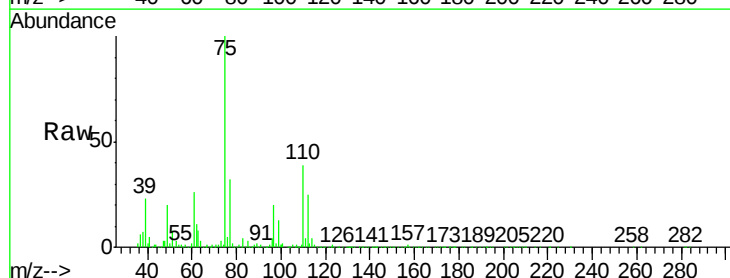
RT: 11.28 min Scan# 1672

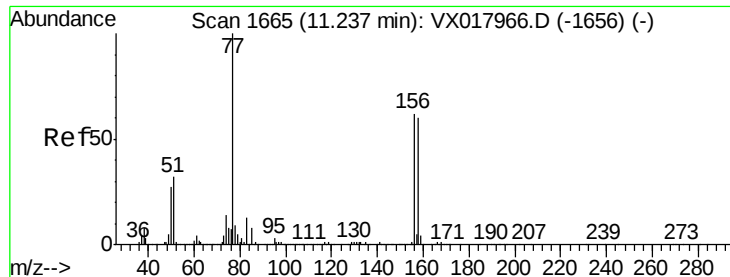
Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tgt Ion:	75	Resp:	164410
Ion	Ratio	Lower	Upper
75	100		
77	38.4	21.1	63.1





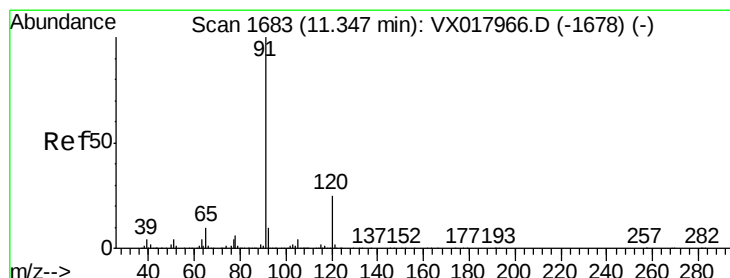
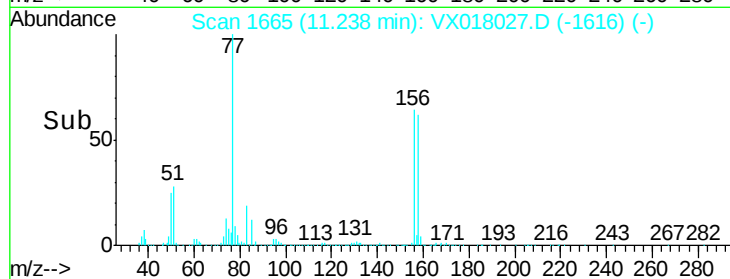
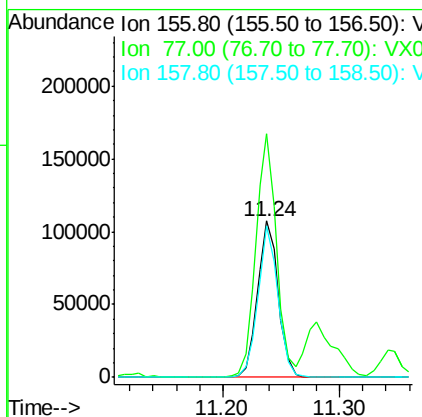
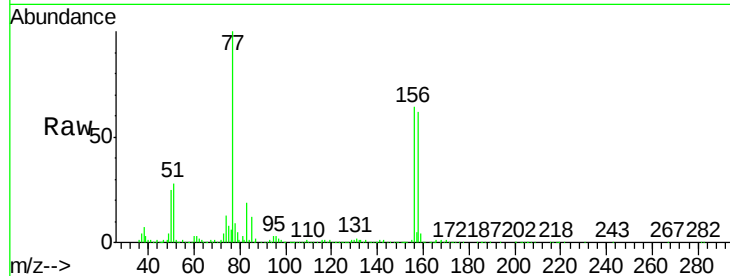
#77
Bromobenzene
Concen: 18.777 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	154.3	78.0	234.0
158	93.6	49.2	147.6

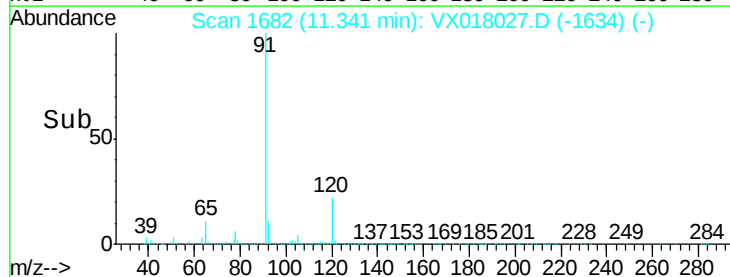
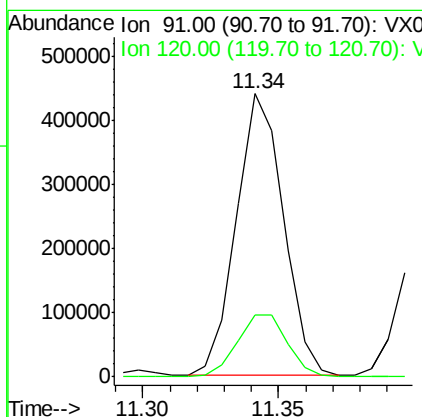
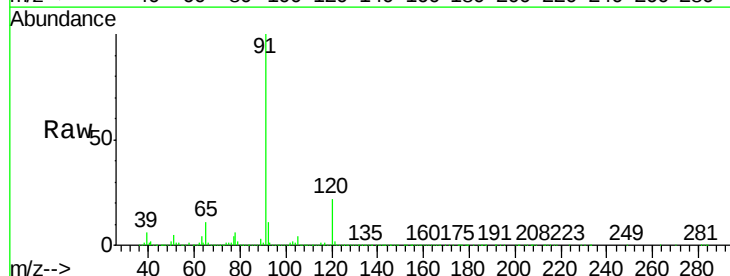
Manual Integrations
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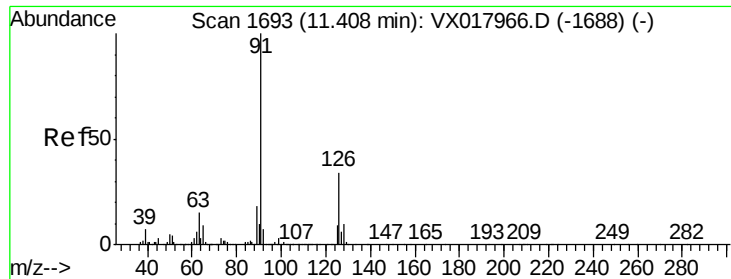
MMDadoda
8/21/2020 10:50:54 AM



#78
n-propylbenzene
Concen: 17.680 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	12.0	36.1





#79

2-Chlorotoluene

Concen: 18.245 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBSD01

Tot Ion: 91 Resp: 332276

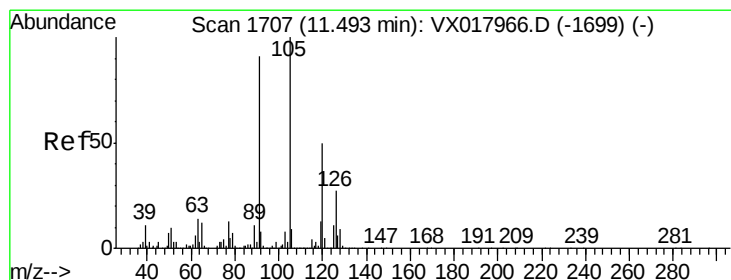
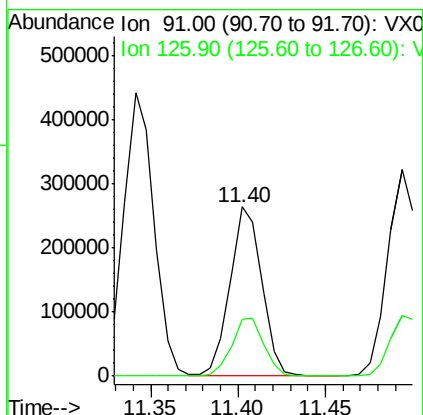
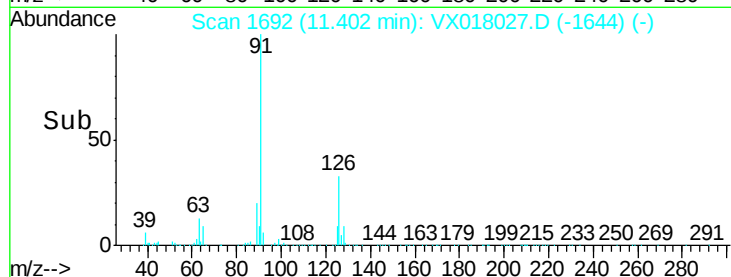
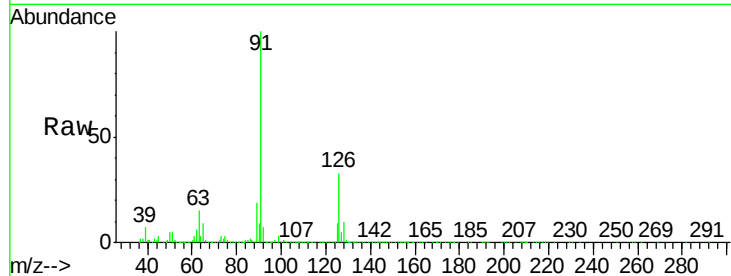
Ion Ratio Lower Upper

91 100

126 35.0 17.1 51.2

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 18.077 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018027.D

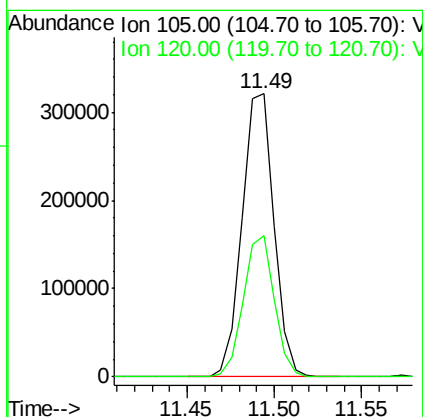
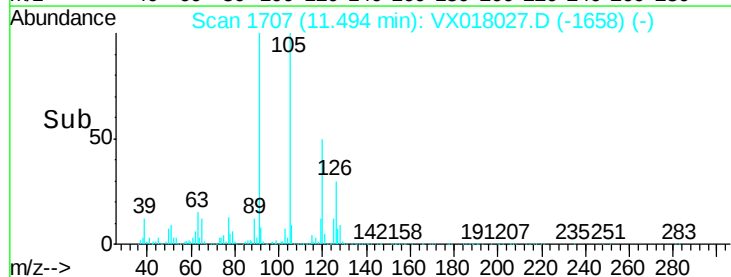
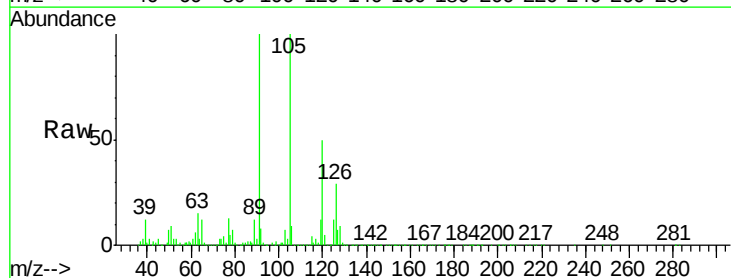
Acq: 20 Aug 2020 12:16

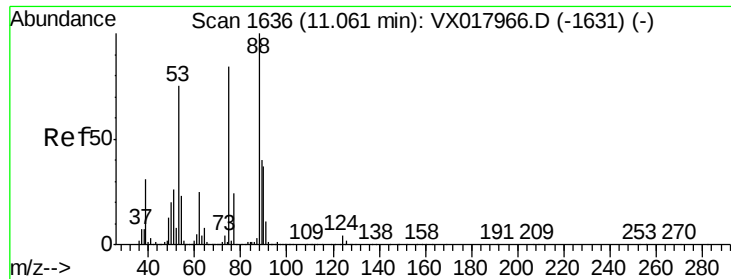
Tgt Ion: 105 Resp: 405420

Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.418 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

ClientSampled :

VX0820WBSD01

Tot Ion: 75 Resp: 59182

Ion Ratio Lower Upper

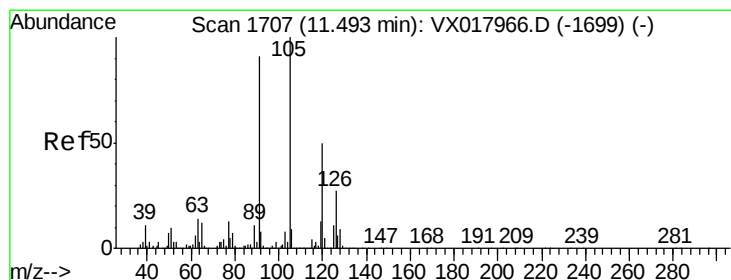
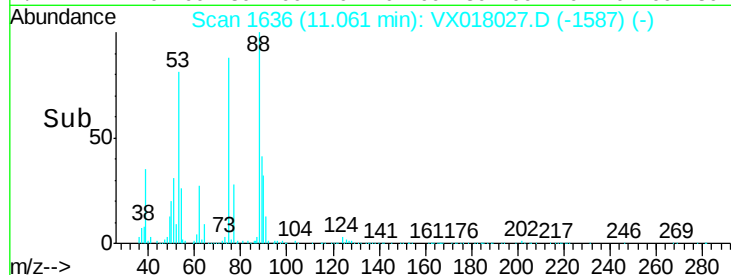
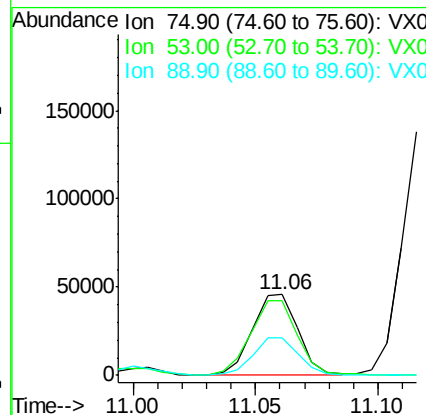
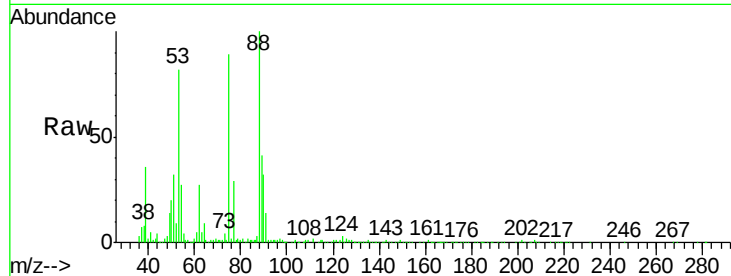
75 100

53 94.3 75.2 112.8

89 48.2 38.4 57.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.482 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018027.D

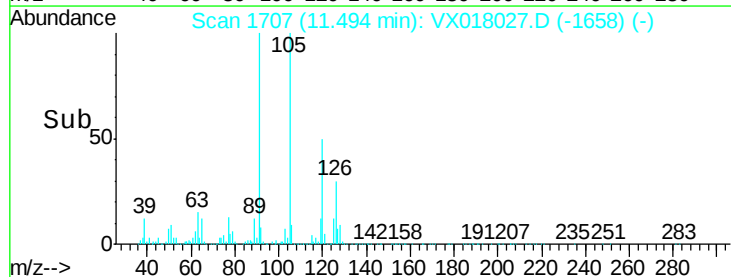
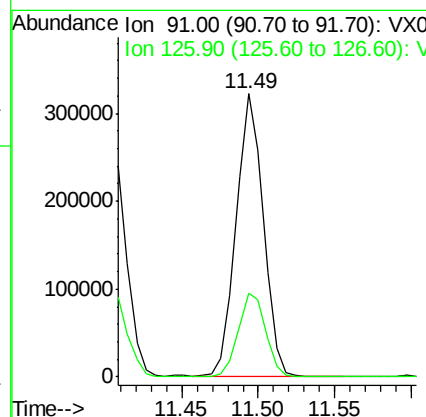
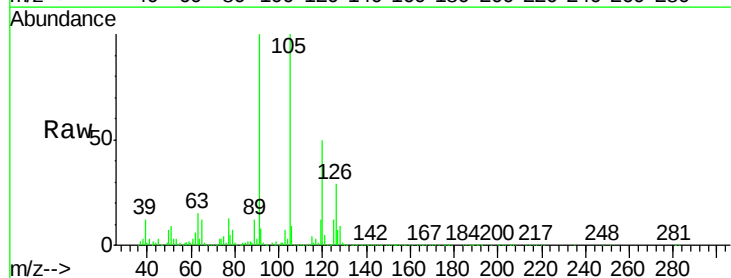
Acq: 20 Aug 2020 12:16

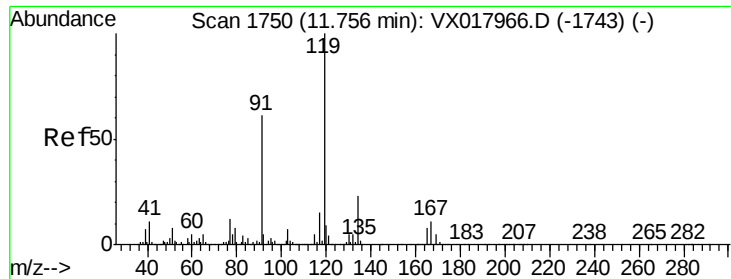
Tgt Ion: 91 Resp: 395822

Ion Ratio Lower Upper

91 100

126 29.9 15.0 45.0





#83

tert-Butylbenzene

Concen: 18.110 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

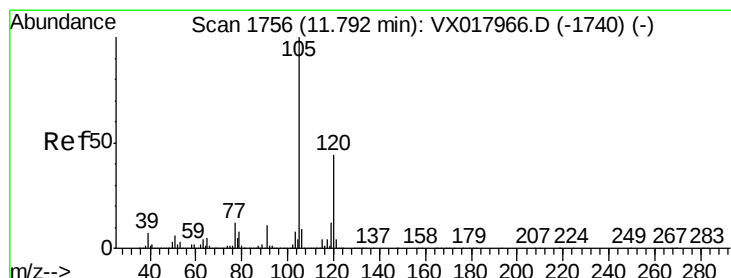
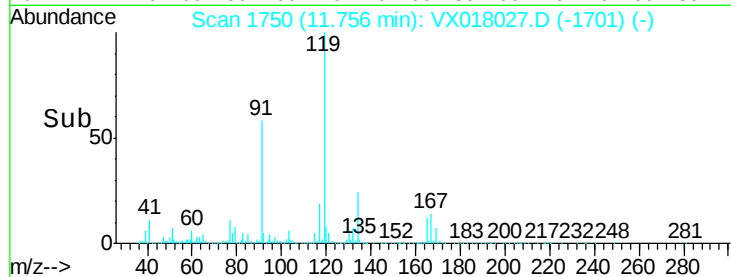
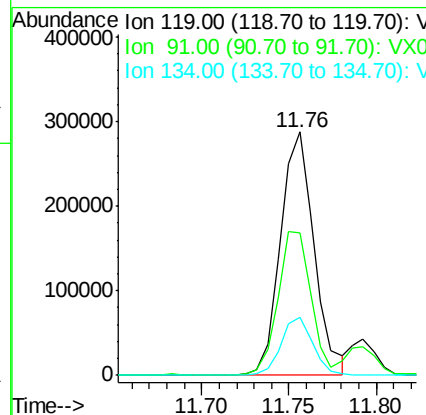
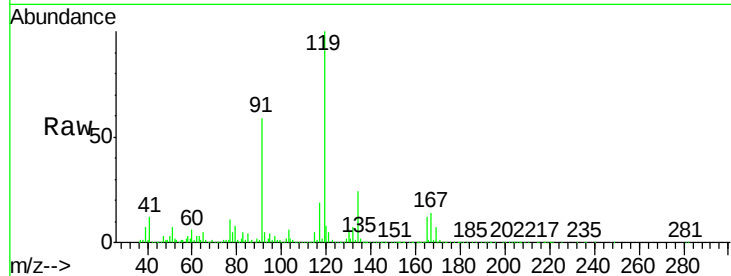
ClientSampleId :

VX0820WBSD01

Tot Ion:	119	Resp:	383564
Ion Ratio	Lower	Upper	
119	100		
91	57.8	30.1	90.5
134	22.5	11.1	33.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 17.571 ug/l

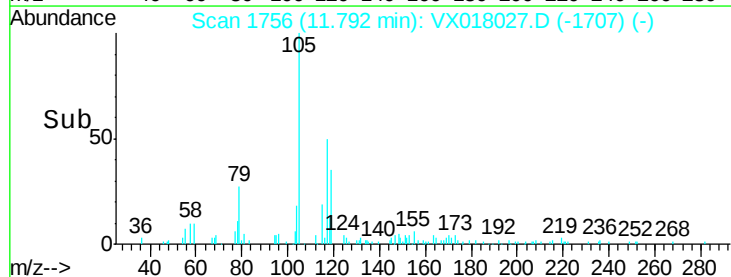
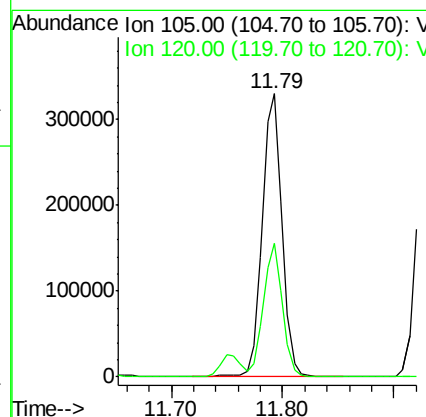
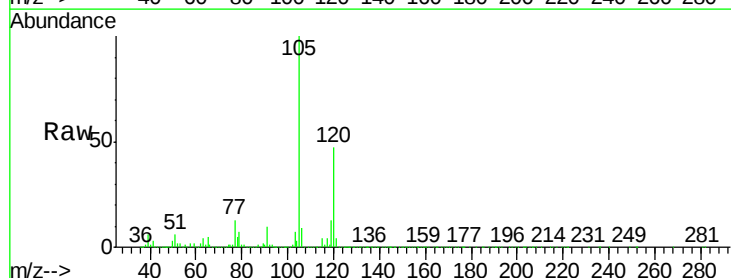
RT: 11.79 min Scan# 1756

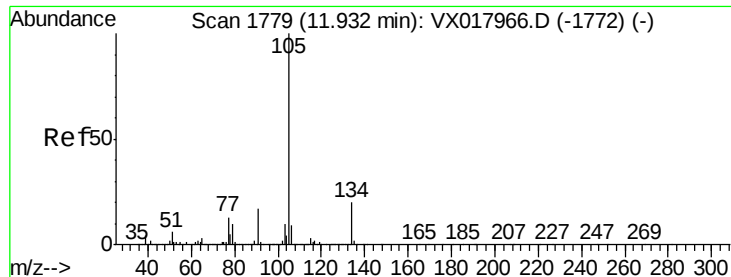
Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tgt Ion:	105	Resp:	407970
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.1	66.1





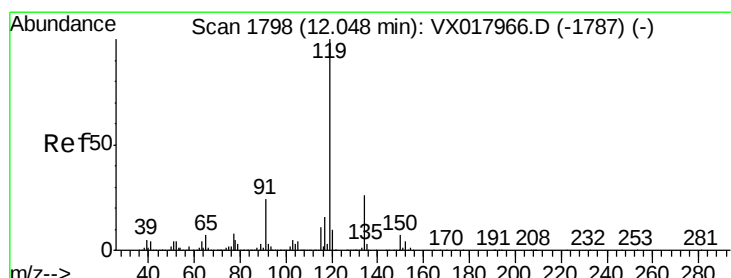
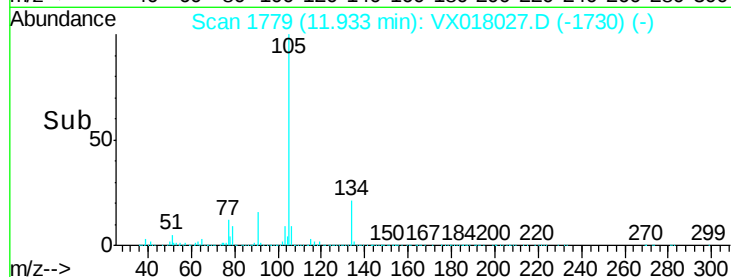
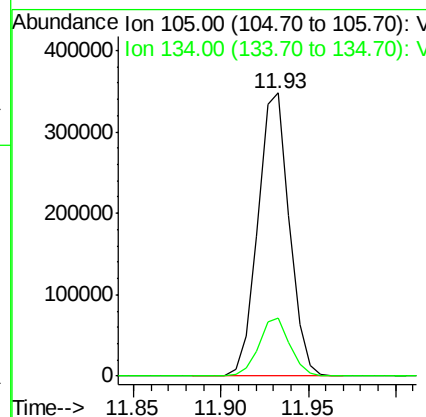
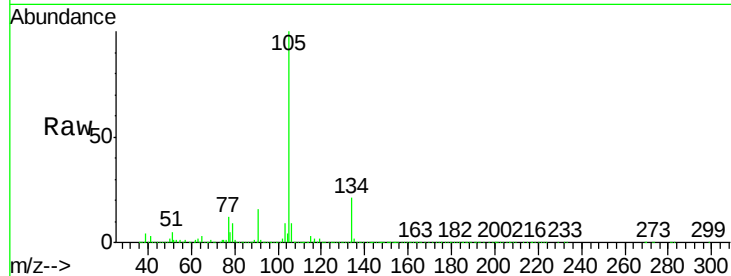
#85
 sec-Butylbenzene
 Concen: 16.933 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	432915		
134	20.4	10.3	30.9	

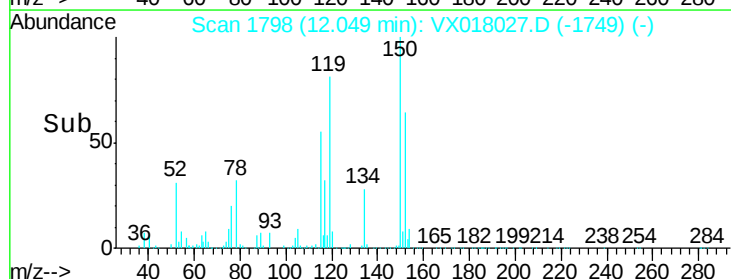
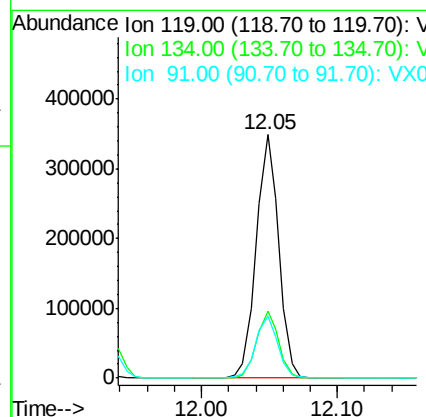
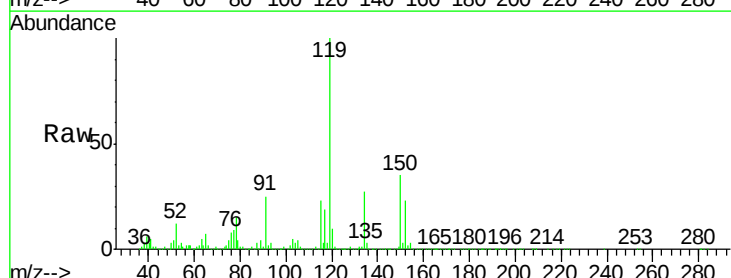
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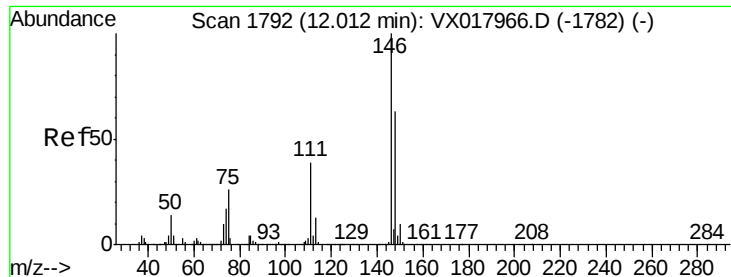
MMDadoda
 8/21/2020 10:50:54 AM



#86
 p-Isopropyltoluene
 Concen: 17.005 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	404427		
134	27.0	12.7	38.0	
91	25.1	12.2	36.4	





#87

1,3-Dichlorobenzene

Concen: 18.061 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

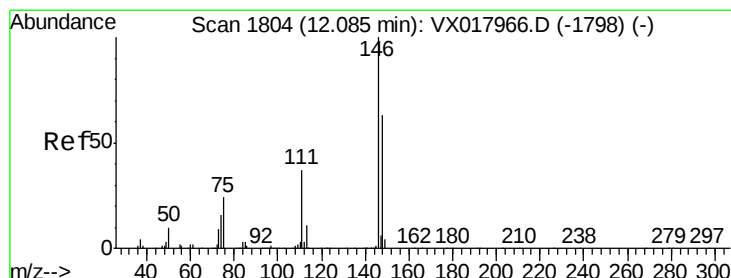
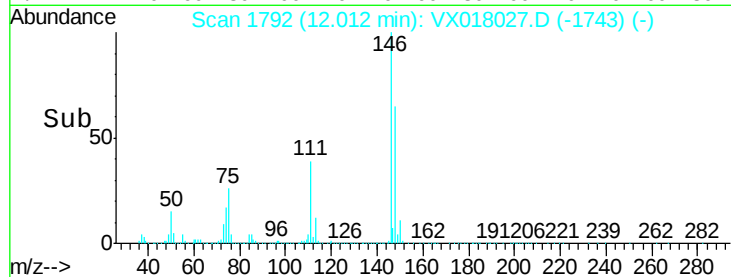
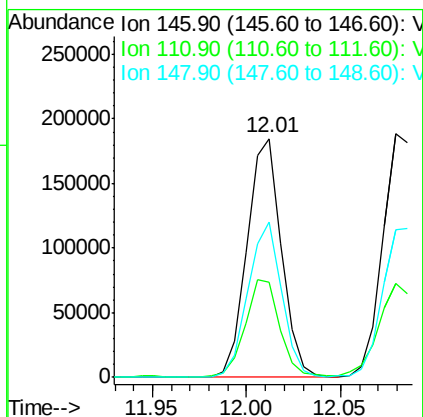
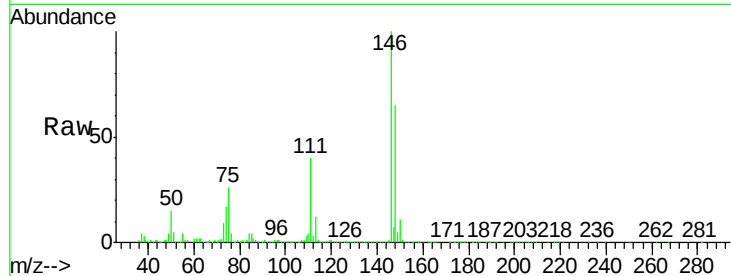
ClientSampleId :

VX0820WBSD01

Tot Ion:	146	Resp:	233024
Ion Ratio	Lower	Upper	
146	100		
111	40.5	20.1	60.3
148	63.6	31.6	95.0

Manual Integrations
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8/21/2020 10:50:54 AM



#88

1,4-Dichlorobenzene

Concen: 19.076 ug/l

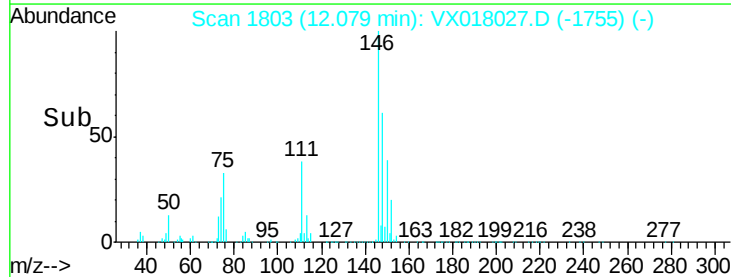
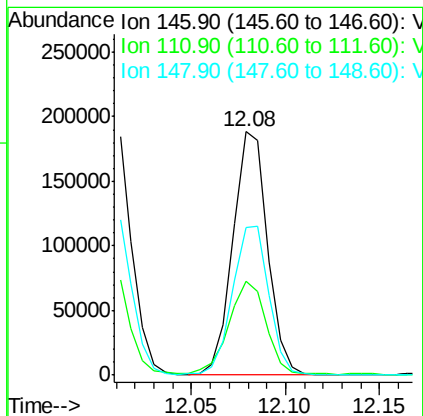
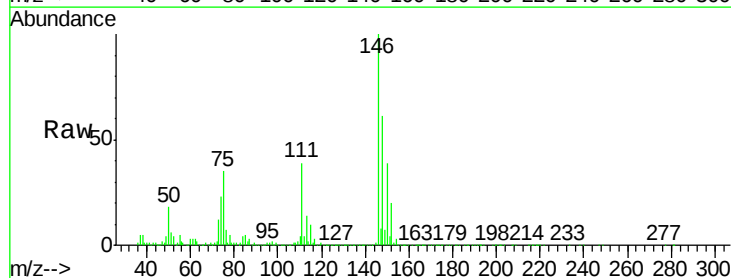
RT: 12.08 min Scan# 1803

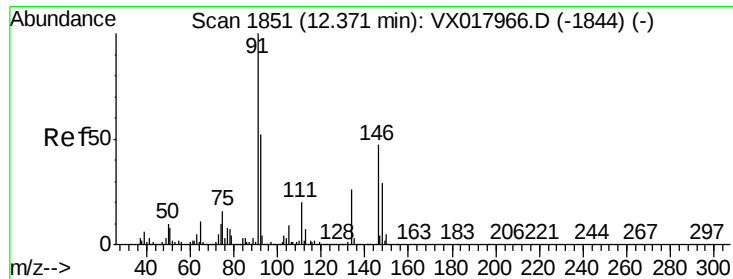
Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tgt Ion:	146	Resp:	241118
Ion Ratio	Lower	Upper	
146	100		
111	41.3	19.7	59.1
148	64.1	31.9	95.7





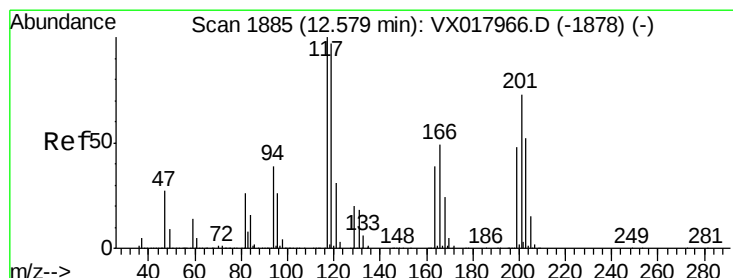
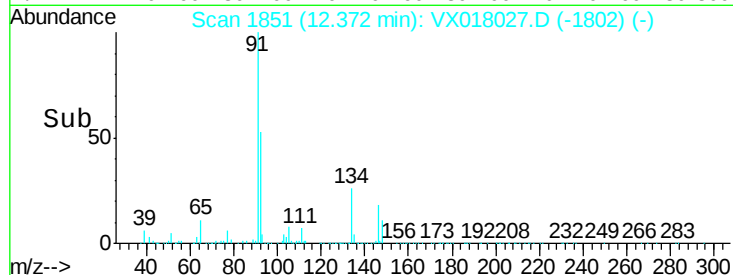
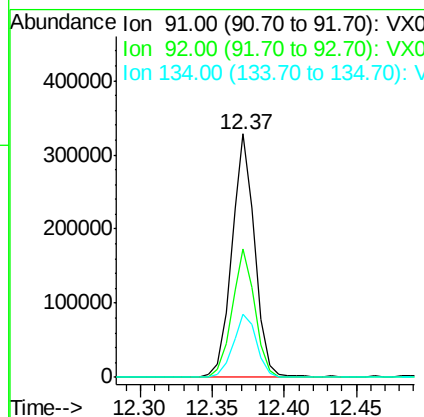
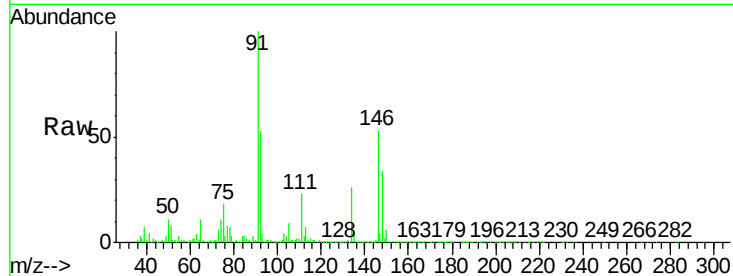
#89
n-Butylbenzene
Concen: 18.365 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.1	25.7	77.0	
134	26.7	13.4	40.2	

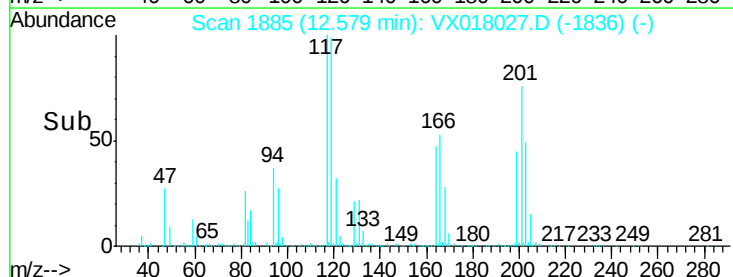
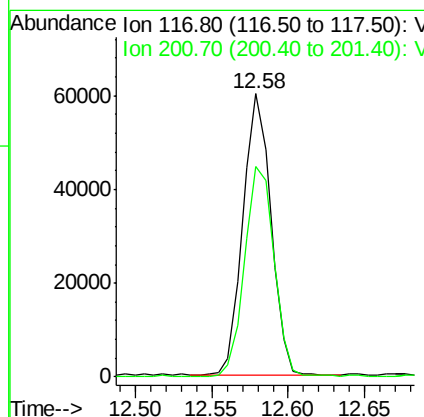
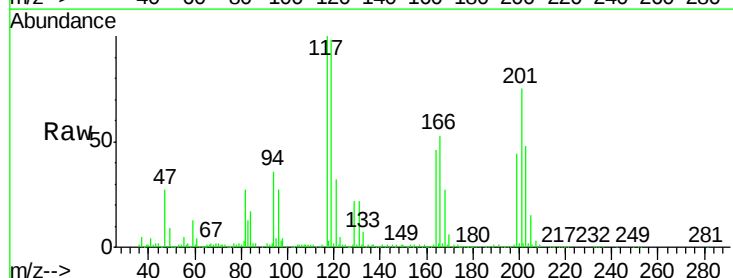
Manual Integrations
APPROVED

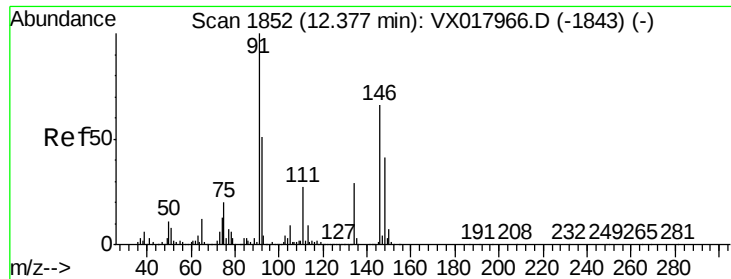
MMDadoda
8/21/2020 10:50:54 AM



#90
Hexachloroethane
Concen: 16.233 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018027.D
Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	78.3	40.8	122.2	





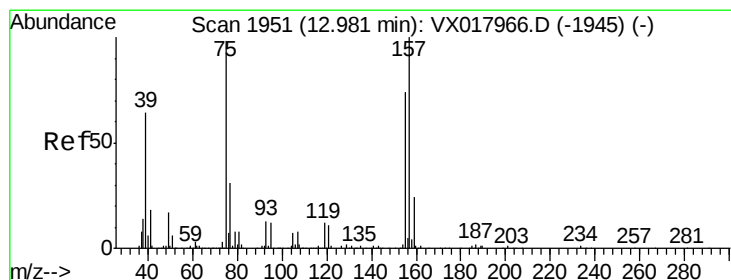
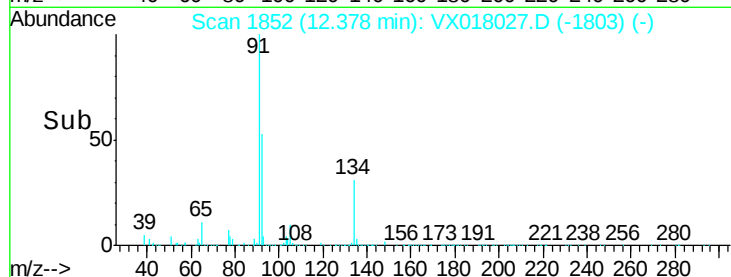
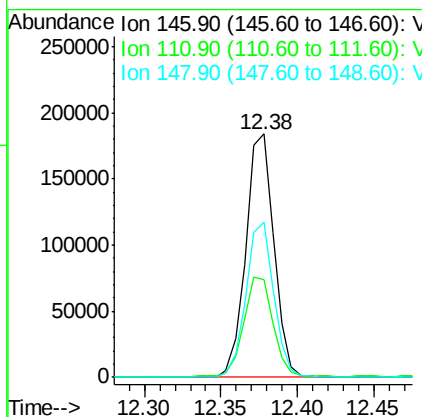
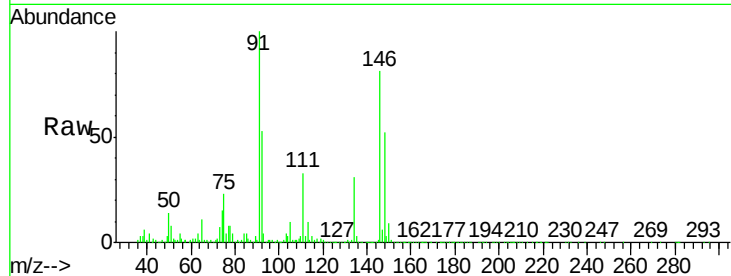
#91
 1,2-Dichlorobenzene
 Concen: 19.714 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	234798		
111	42.9	20.6	61.9	
148	63.3	31.2	93.6	

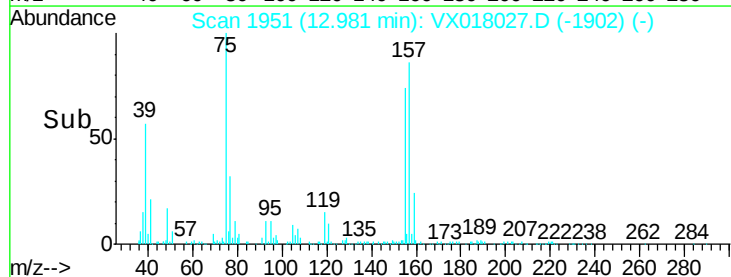
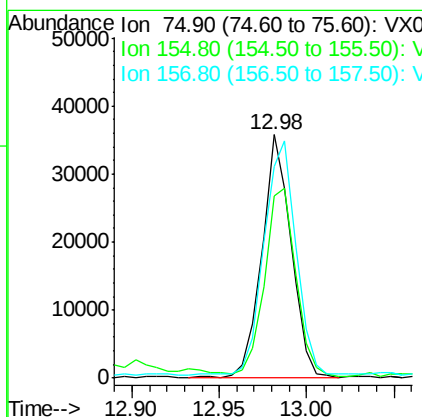
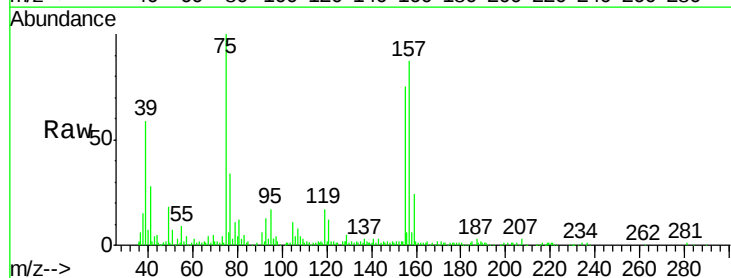
Manual Integrations
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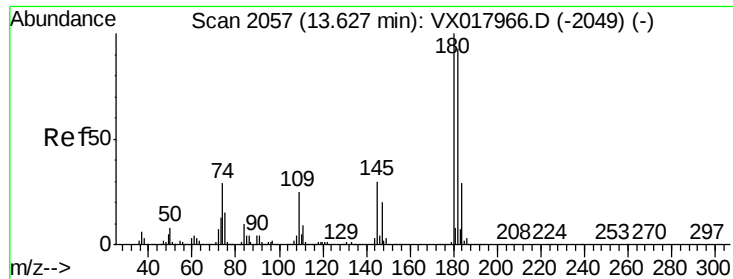
MMDadoda
 8/21/2020 10:50:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.453 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	41896		
155	82.2	40.5	121.5	
157	105.2	54.4	163.2	





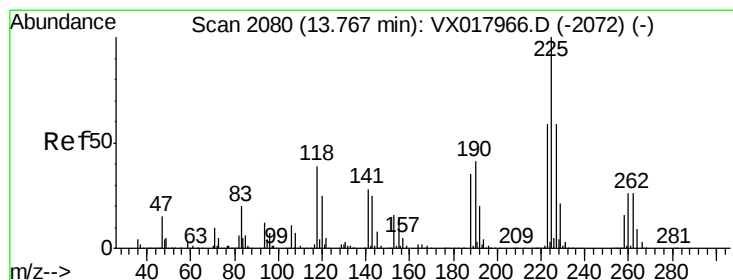
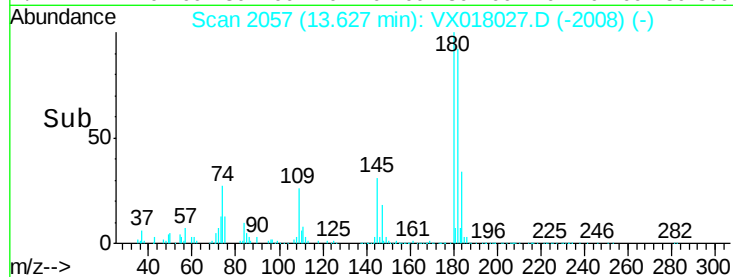
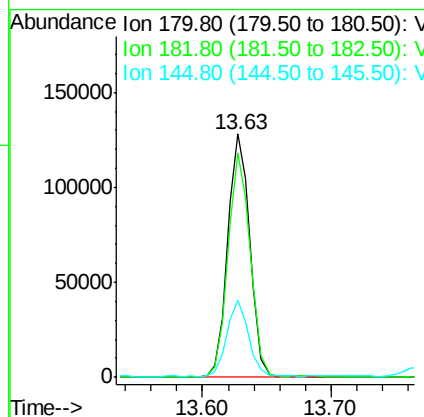
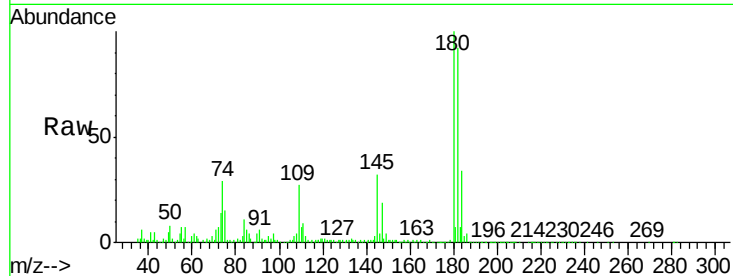
#93
 1,2,4-Trichlorobenzene
 Concen: 19.822 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Instrument :
 MSVOA_X
 ClientSampled :
 VX0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	155309		
182	93.4	48.8	146.4	
145	30.9	16.0	48.0	

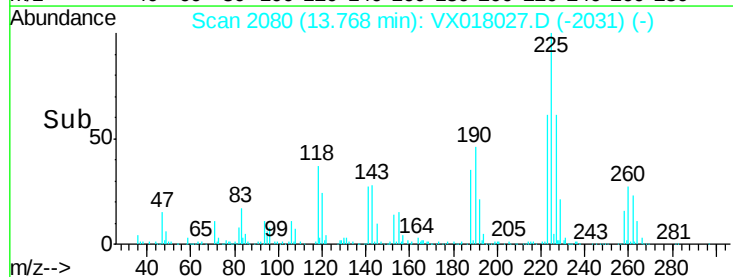
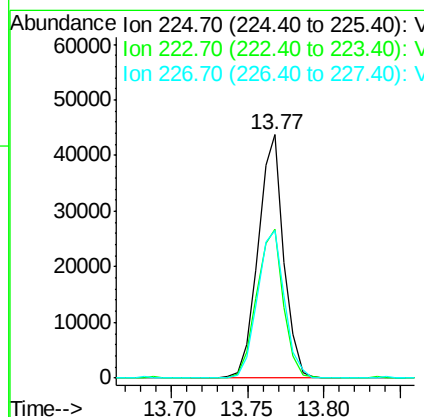
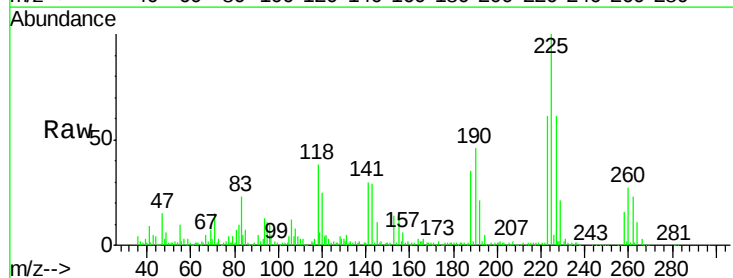
Manual Integrations
 APPROVED

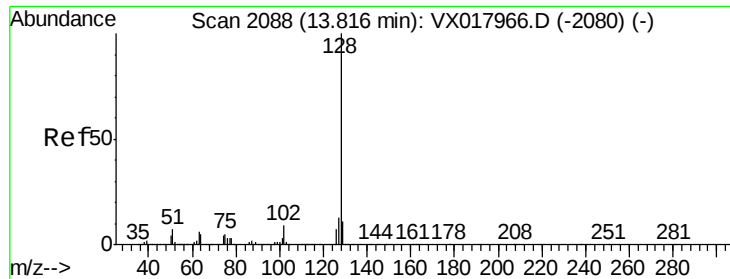
MMDadoda
 8/21/2020 10:50:54 AM



#94
 Hexachlorobutadiene
 Concen: 15.225 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018027.D
 Acq: 20 Aug 2020 12:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50908		
223	63.7	32.1	96.3	
227	64.2	29.8	89.5	





#95

Naphthalene

Concen: 20.691 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Instrument :

MSVOA_X

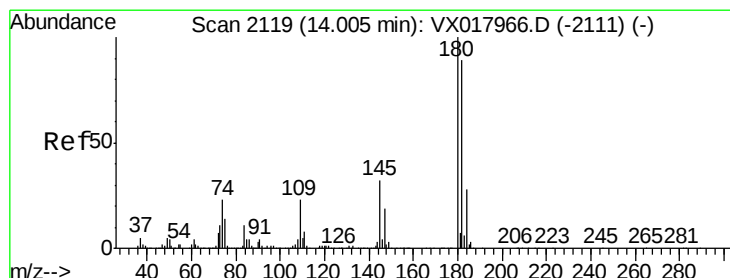
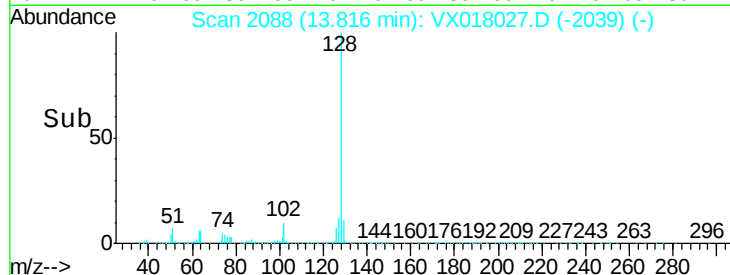
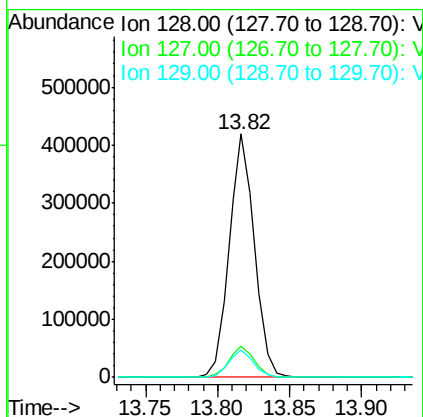
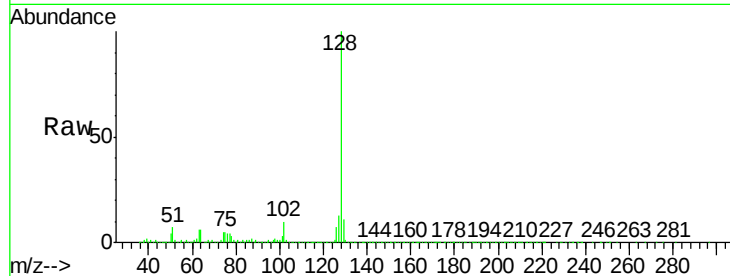
ClientSampleId :

VX0820WBSD01

Tot Ion:	128	Resp:	511729
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.7	16.1
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
8/21/2020 10:50:54 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.757 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX018027.D

Acq: 20 Aug 2020 12:16

Tgt Ion:	180	Resp:	149442
Ion Ratio	Lower	Upper	
180	100		
182	96.1	46.6	139.8
145	34.3	16.8	50.4

