

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017246.D
 Acq On : 08 Jul 2020 11:32
 Operator : JC/SP
 Sample : VX0708WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:47 AM

Quant Time: Jul 08 15:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	293066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166597	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
35) Dibromofluoromethane	5.46	113	137667	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	
50) Toluene-d8	8.70	98	490310	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.12	95	189114	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	49577	17.486	ug/l	96
3) Chloromethane	1.31	50	49304	14.366	ug/l	98
4) Vinyl Chloride	1.39	62	51192	16.077	ug/l	98
5) Bromomethane	1.63	94	35356	21.017	ug/l	98
6) Chloroethane	1.71	64	32703	17.390	ug/l	90
7) Trichlorofluoromethane	1.92	101	92629	19.670	ug/l	98
8) Diethyl Ether	2.17	74	31458	20.074	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50394	17.854	ug/l	96
10) Methyl Iodide	2.49	142	50011	13.732	ug/l	99
11) Tert butyl alcohol	3.01	59	57585	83.549	ug/l	98
12) 1,1-Dichloroethene	2.35	96	45972	15.855	ug/l	97
13) Acrolein	2.27	56	36492	88.570	ug/l	96
14) Allyl chloride	2.71	41	86222	16.091	ug/l	95
15) Acrylonitrile	3.11	53	136537	82.405	ug/l	98
16) Acetone	2.42	43	119756	88.606	ug/l	98
17) Carbon Disulfide	2.55	76	134149	16.595	ug/l	99
18) Methyl Acetate	2.75	43	63336	17.951	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	178816	18.376	ug/l	98
20) Methylene Chloride	2.83	84	57806	18.150	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	56905	17.685	ug/l	99
22) Diisopropyl ether	3.82	45	178755	18.024	ug/l #	93
23) Vinyl Acetate	3.78	43	749211	87.912	ug/l	100
24) 1,1-Dichloroethane	3.67	63	101002	17.898	ug/l	98
25) 2-Butanone	4.63	43	186082	82.628	ug/l	100
26) 2,2-Dichloropropane	4.54	77	94085	18.777	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	63730	17.480	ug/l	99
28) Bromochloromethane	4.98	49	46513	16.938	ug/l	95
29) Tetrahydrofuran	5.08	42	119223	80.124	ug/l	98
30) Chloroform	5.17	83	107618	18.604	ug/l	99
31) Cyclohexane	5.54	56	81149	16.637	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	100439	18.853	ug/l	100
36) 1,1-Dichloropropene	5.76	75	74665	18.207	ug/l	98
37) Ethyl Acetate	4.79	43	74277	17.852	ug/l	98
38) Carbon Tetrachloride	5.75	117	89328	19.777	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:47 AM

Quant Time: Jul 08 15:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	84247	18.464	ug/l	96
40) Benzene	6.11	78	224486	18.631	ug/l	96
41) Methacrylonitrile	5.00	41	41885	17.886	ug/l	98
42) 1,2-Dichloroethane	6.16	62	86928	19.973	ug/l	100
43) Isopropyl Acetate	6.41	43	123232	17.824	ug/l	99
44) Trichloroethene	7.18	130	68649	20.464	ug/l	98
45) 1,2-Dichloropropane	7.49	63	58494	18.901	ug/l	97
46) Dibromomethane	7.63	93	40603	19.217	ug/l	97
47) Bromodichloromethane	7.87	83	86515	19.870	ug/l	95
48) Methyl methacrylate	7.74	41	59792	18.203	ug/l	98
49) 1,4-Dioxane	7.71	88	24668	331.486	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	375887	91.203	ug/l	99
52) Toluene	8.76	92	143023	19.012	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91479	19.042	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	97188	18.872	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	60336	19.631	ug/l	98
56) Ethyl methacrylate	9.16	69	81754	18.688	ug/l	99
57) 1,3-Dichloropropane	9.35	76	98431	18.926	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	209546	96.244	ug/l	99
59) 2-Hexanone	9.47	43	275667	91.583	ug/l	99
60) Dibromochloromethane	9.56	129	72134	20.207	ug/l	99
61) 1,2-Dibromoethane	9.65	107	64185	19.428	ug/l	99
64) Tetrachloroethene	9.32	164	67527	20.832	ug/l	98
65) Chlorobenzene	10.12	112	161123	19.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	64916	20.320	ug/l	98
67) Ethyl Benzene	10.23	91	269857	19.493	ug/l	99
68) m/p-Xylenes	10.34	106	211109	39.716	ug/l	99
69) o-Xylene	10.68	106	97631	19.308	ug/l	99
70) Styrene	10.69	104	168017	19.512	ug/l	98
71) Bromoform	10.84	173	52646	20.781	ug/l #	99
73) Isopropylbenzene	11.00	105	271364	18.436	ug/l	99
74) N-amyl acetate	10.88	43	105994	16.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	82466	17.811	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	80931m	18.314	ug/l	
77) Bromobenzene	11.24	156	75537	18.672	ug/l	96
78) n-propylbenzene	11.34	91	307365	18.466	ug/l	99
79) 2-Chlorotoluene	11.40	91	186150	18.478	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	231430	18.955	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	29194	17.108	ug/l	95
82) 4-Chlorotoluene	11.49	91	219387	18.217	ug/l	97
83) tert-Butylbenzene	11.76	119	225474	18.812	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	235479	19.011	ug/l	100
85) sec-Butylbenzene	11.93	105	259182	18.397	ug/l	99
86) p-Isopropyltoluene	12.05	119	248105	18.917	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	134146	18.258	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	138612	19.890	ug/l	100
89) n-Butylbenzene	12.37	91	202122	17.260	ug/l	99
90) Hexachloroethane	12.58	117	47264	18.274	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	132189	19.248	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18324	16.590	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Manual Integrations
APPROVED

MMDadoda
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Quant Time: Jul 08 15:53:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	81707	17.430	ug/l	99
94) Hexachlorobutadiene	13.77	225	34345	19.824	ug/l	99
95) Naphthalene	13.82	128	244119	17.130	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	80658	17.780	ug/l	96

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

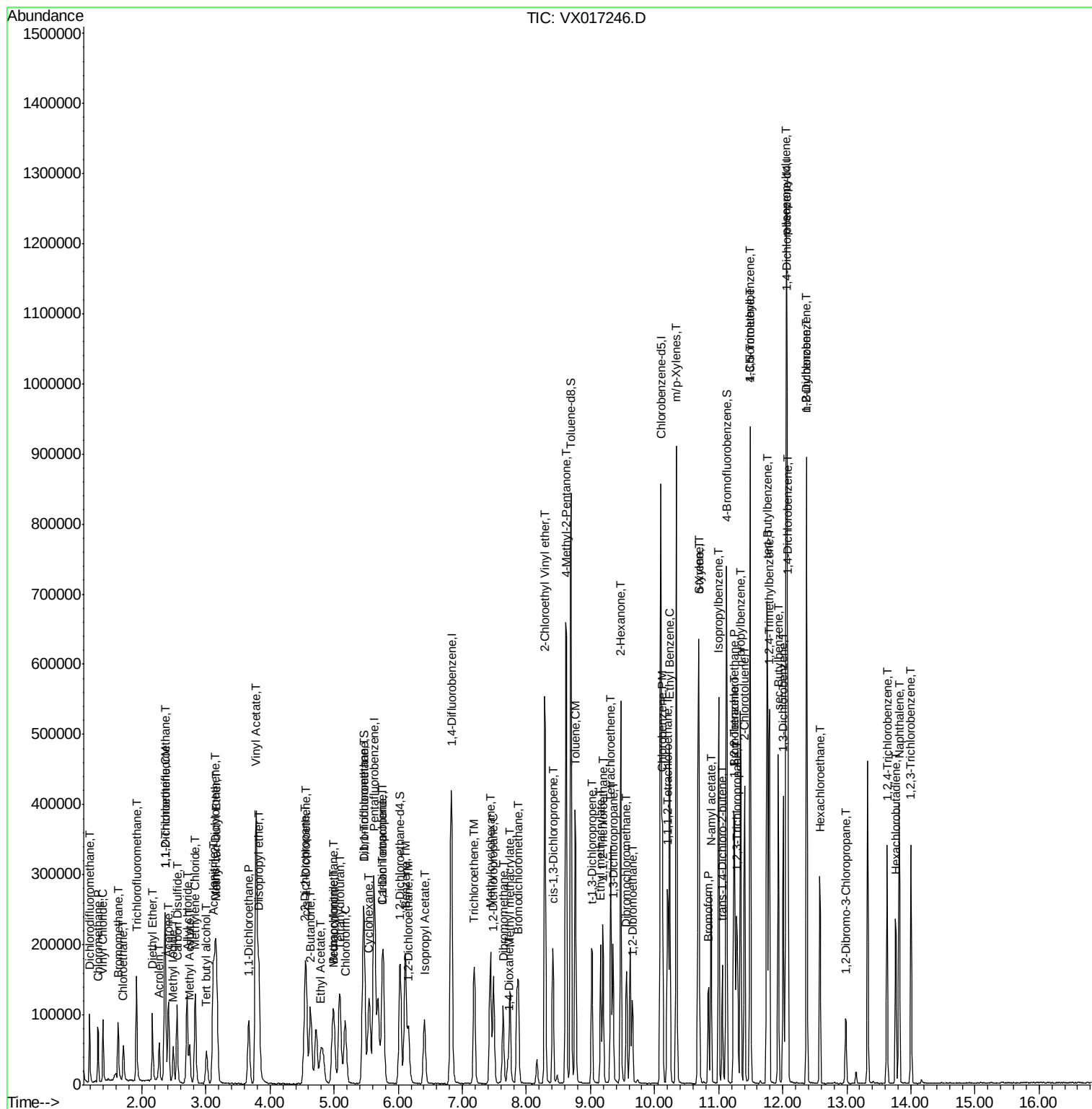
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Data File : VX017246.D
Acq On : 08 Jul 2020 11:32
Operator : JC/SP
Sample : VX0708WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

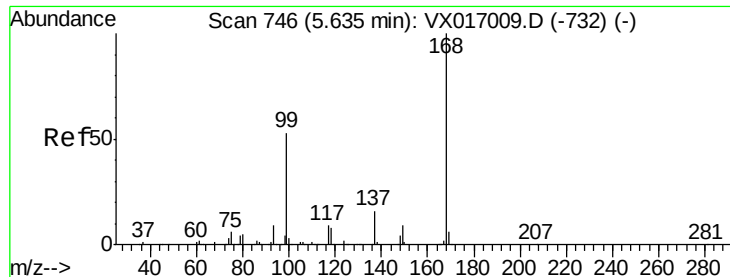
Instrument :
MSVOA_X
Client Sampled :
VX0708WBS01

Manual Integrations
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7/9/2020 10:59:47 AM

Quant Time: Jul 08 15:53:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS01

Tot Ion:168 Resp: 293066

Ion Ratio Lower Upper

168 100

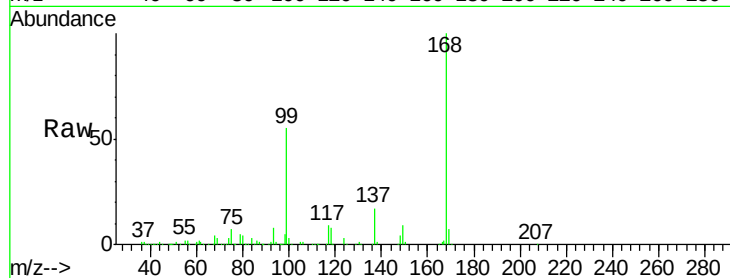
99 55.0 42.6 64.0

Manual Integrations

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7/9/2020 10:59:47 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

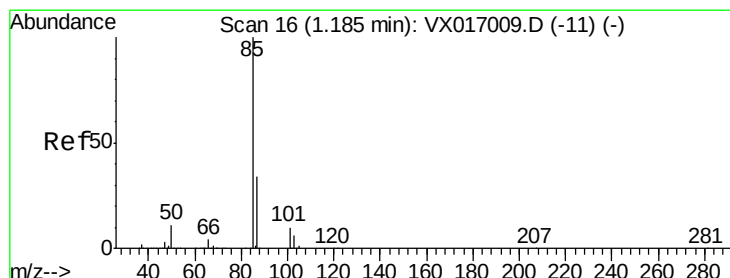
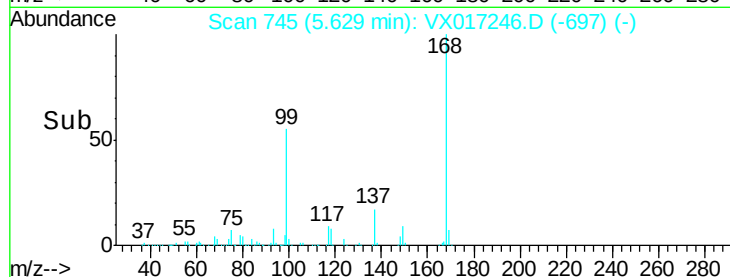
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.486 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017246.D

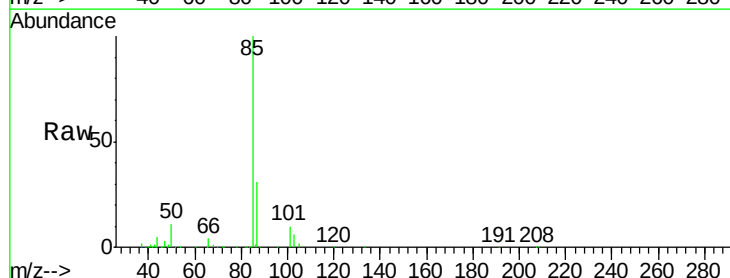
Acq: 08 Jul 2020 11:32

Tgt Ion: 85 Resp: 49577

Ion Ratio Lower Upper

85 100

87 31.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

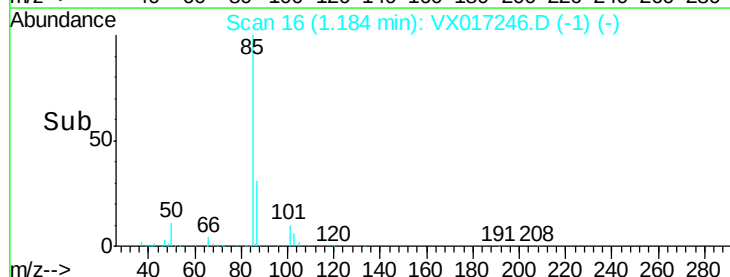
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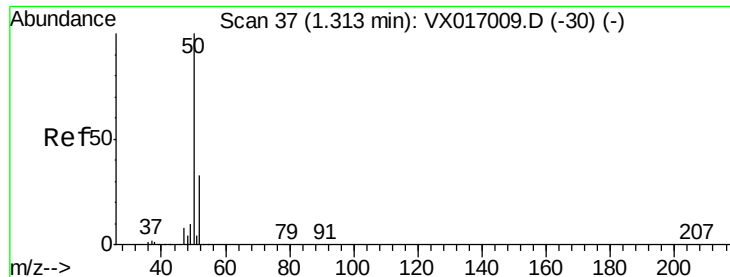
20000

10000

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Time-->





#3

Chloromethane

Concen: 14.366 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS01

Tot Ion: 50 Resp: 49304

Ion Ratio Lower Upper

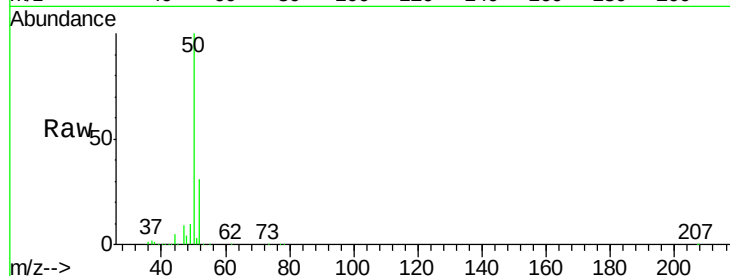
50 100

52 31.3 26.1 39.1

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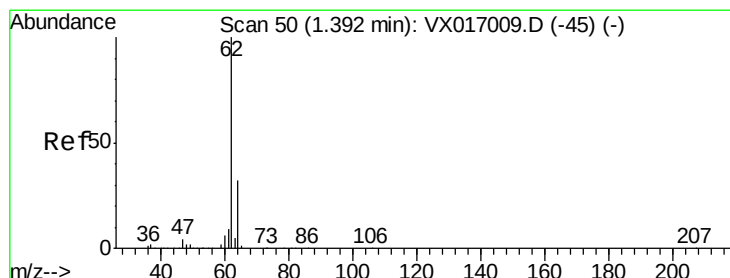
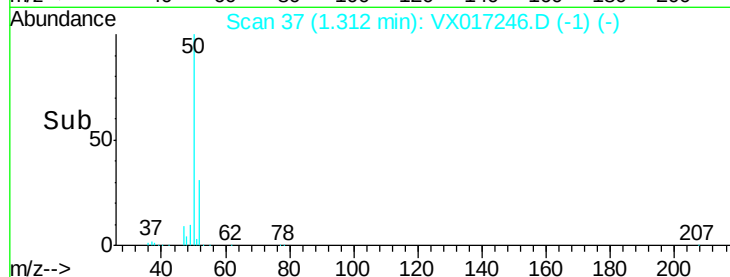
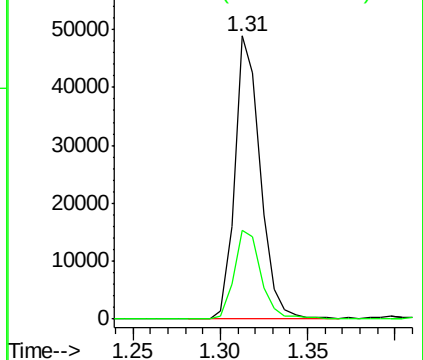
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.077 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017246.D

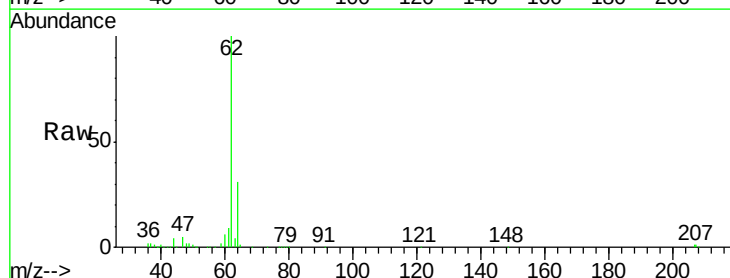
Acq: 08 Jul 2020 11:32

Tgt Ion: 62 Resp: 51192

Ion Ratio Lower Upper

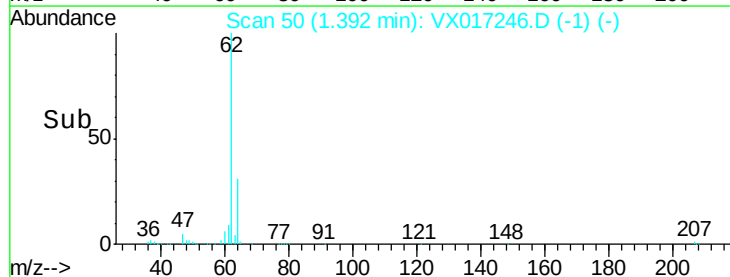
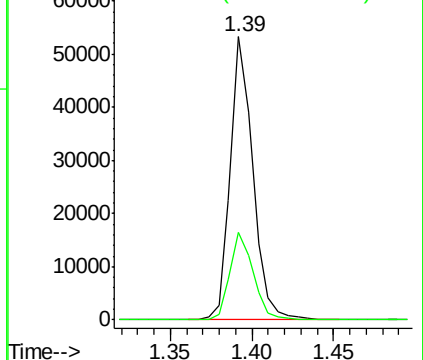
62 100

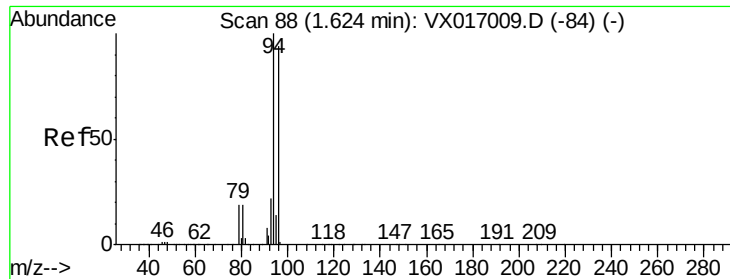
64 31.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.017 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

Tot Ion: 94 Resp: 35356

Ion Ratio Lower Upper

94 100

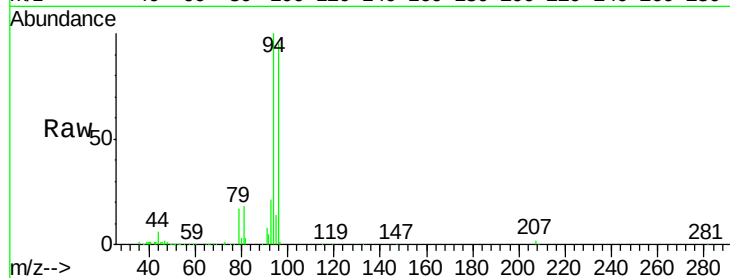
96 95.2 75.0 112.4

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

30000

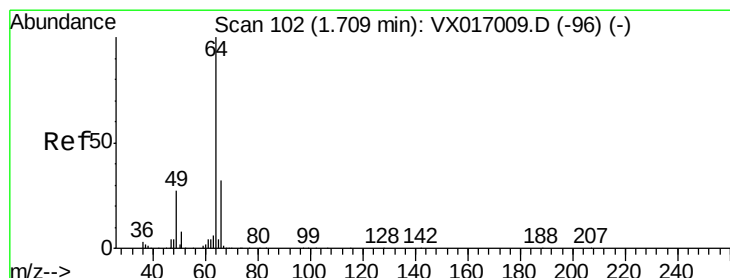
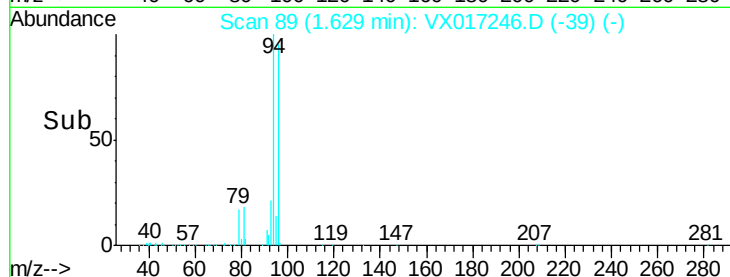
20000

10000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 17.390 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017246.D

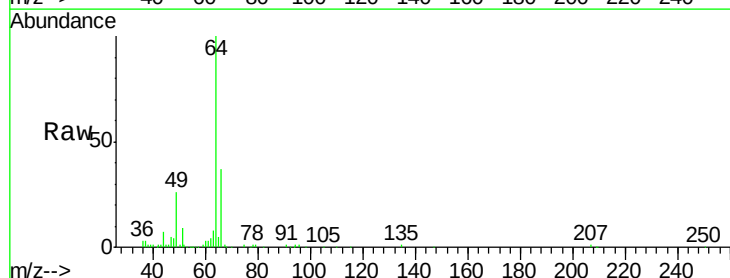
Acq: 08 Jul 2020 11:32

Tgt Ion: 64 Resp: 32703

Ion Ratio Lower Upper

64 100

66 37.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

15000

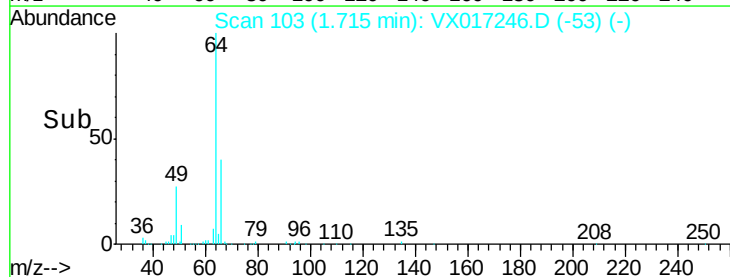
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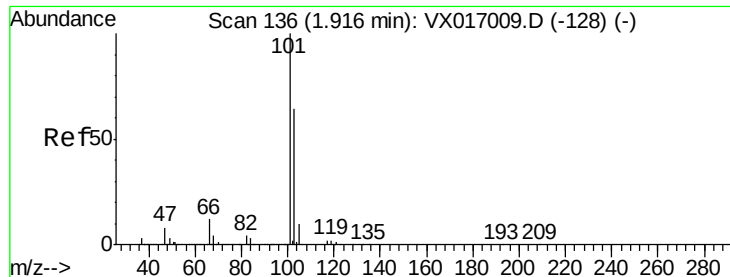
5000

0

1.65 1.70 1.75 1.80

Time-->





#7

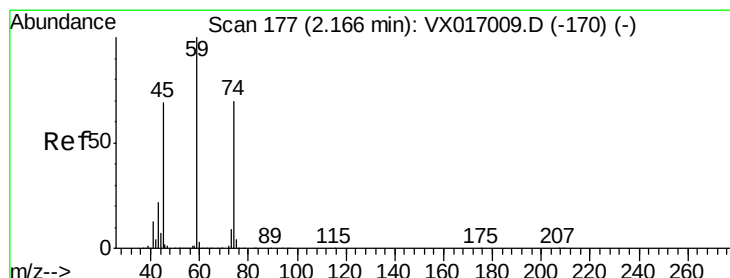
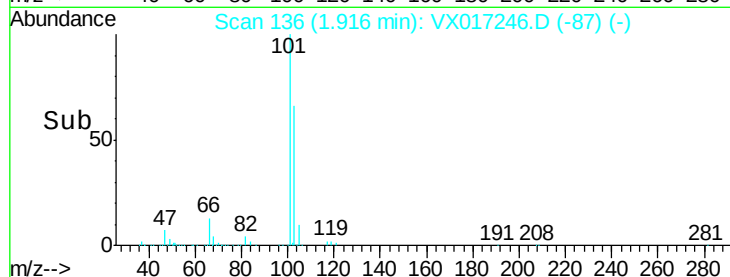
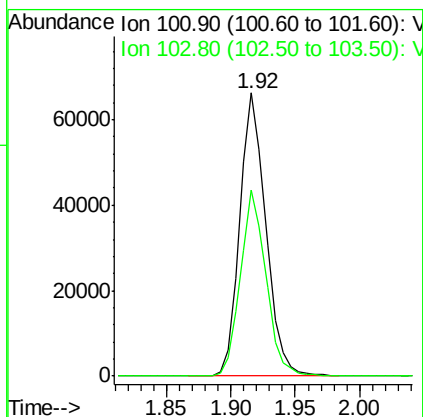
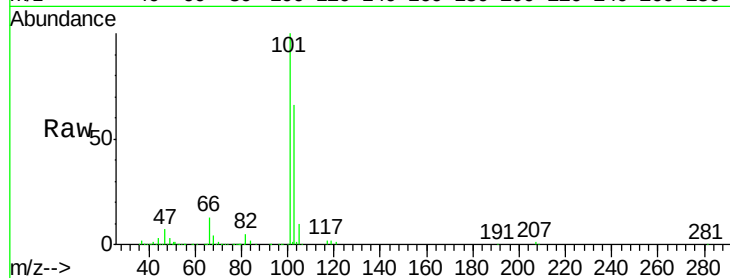
Trichlorofluoromethane
Concen: 19.670 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.5	77.3

Manual Integrations
APPROVED

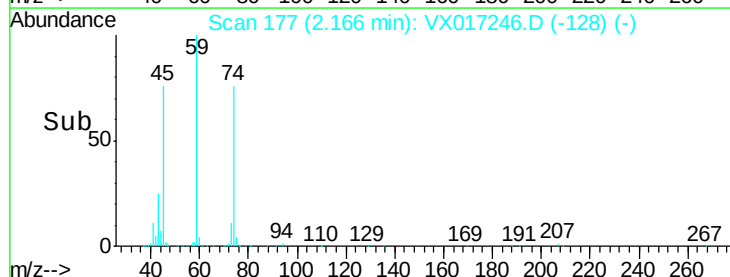
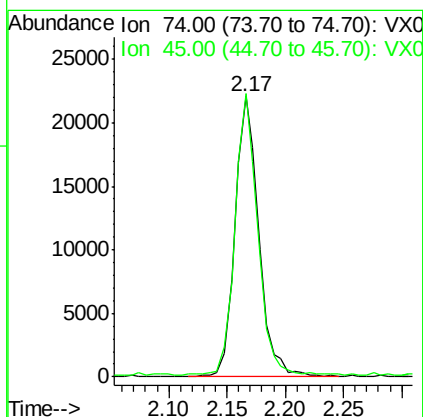
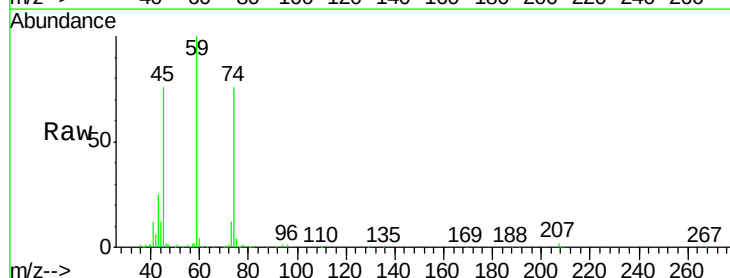
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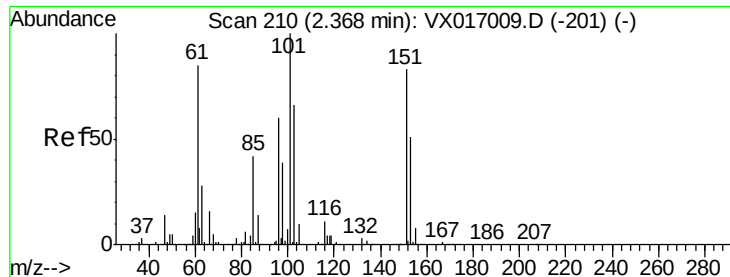


#8

Diethyl Ether
Concen: 20.074 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.854 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

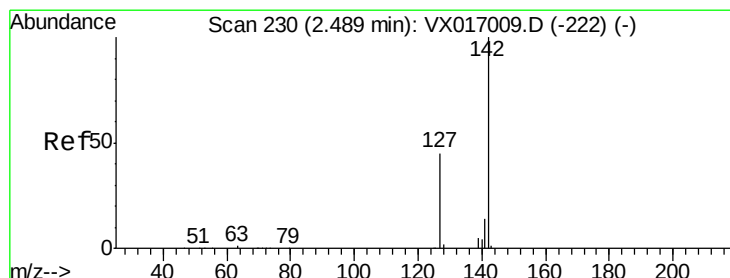
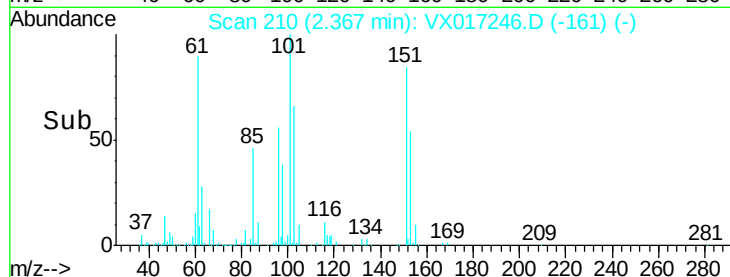
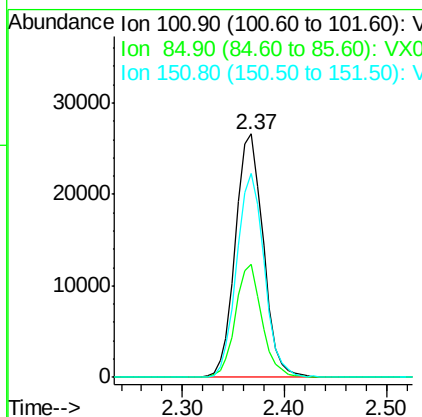
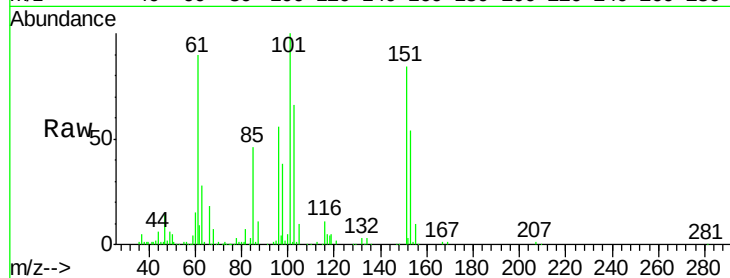
ClientSampled :

VX0708WBS01

Tot Ion:	101	Resp:	50394
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.5	50.3
151	83.0	63.8	95.6

Manual Integrations
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#10

Methyl Iodide

Concen: 13.732 ug/l

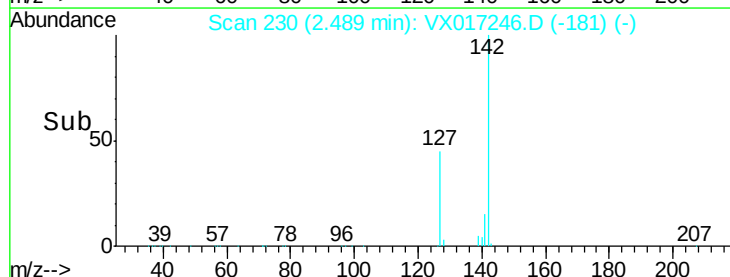
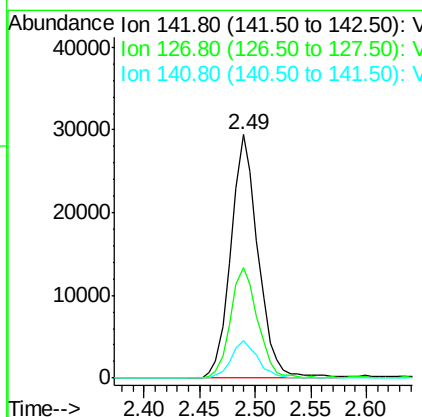
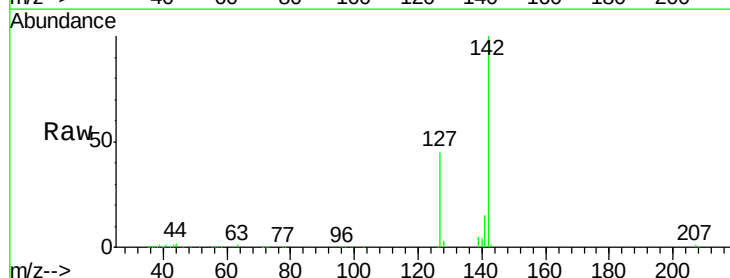
RT: 2.49 min Scan# 230

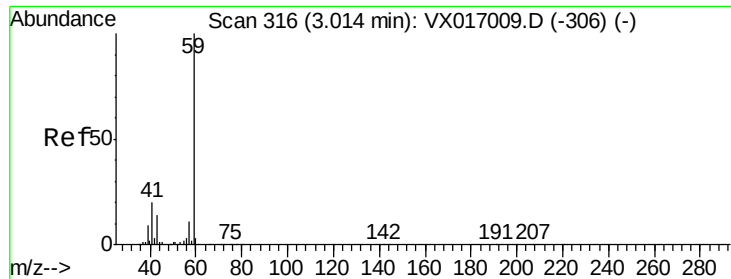
Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Tgt Ion:	142	Resp:	50011
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.6	54.8
141	14.7	11.6	17.4





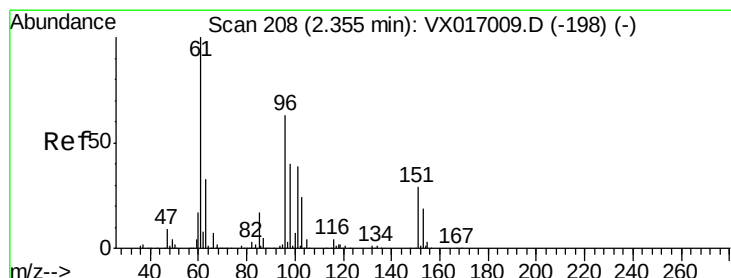
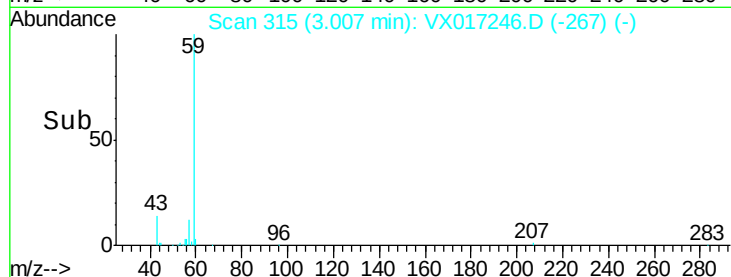
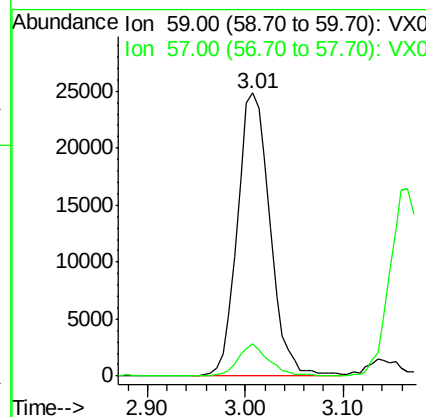
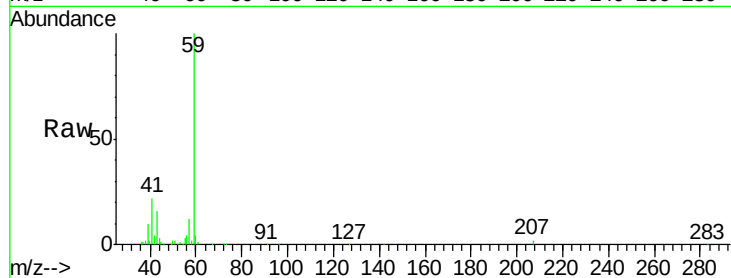
#11
Tert butyl alcohol
Concen: 83.549 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion	59	Resp	57585
Ion Ratio	100	Lower	Upper
57	10.9	8.2	12.2

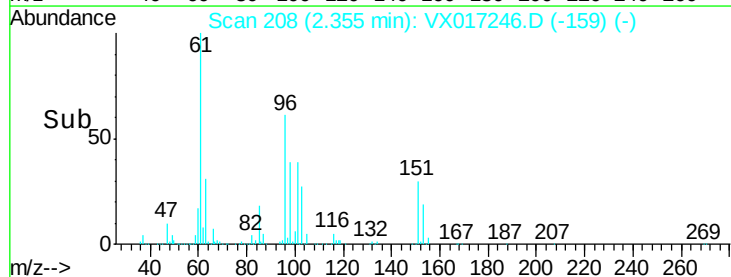
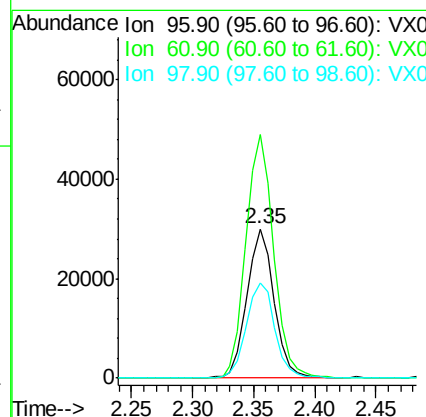
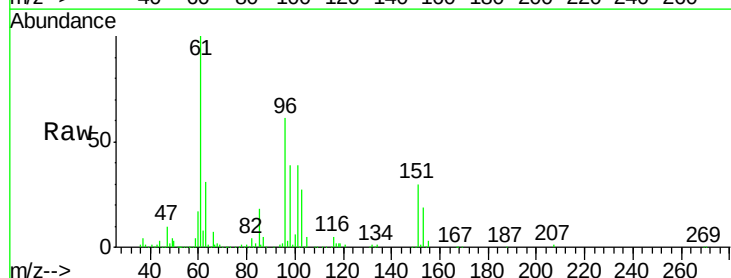
Manual Integrations
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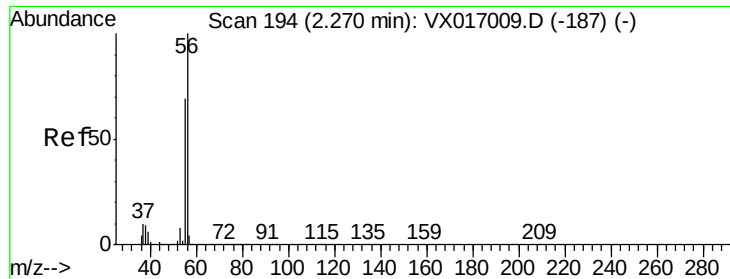
MMDadoda
7/9/2020 10:59:47 AM



#12
1,1-Dichloroethene
Concen: 15.855 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	96	Resp	45972
Ion Ratio	100	Lower	Upper
61	163.6	126.3	189.5
98	64.3	51.0	76.6





#13

Acrolein

Concen: 88.570 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS01

Tot Ion: 56 Resp: 36492

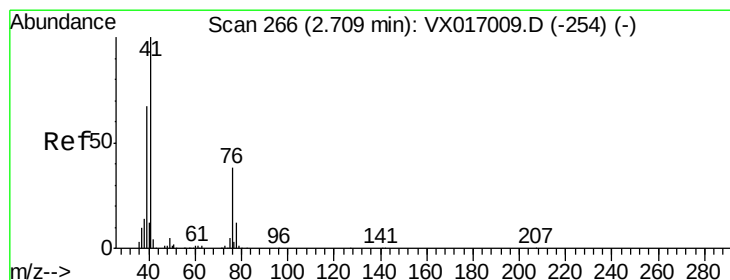
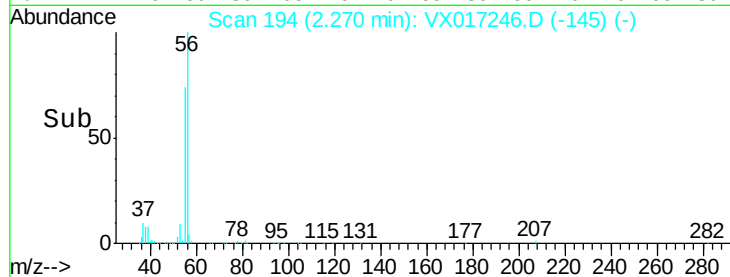
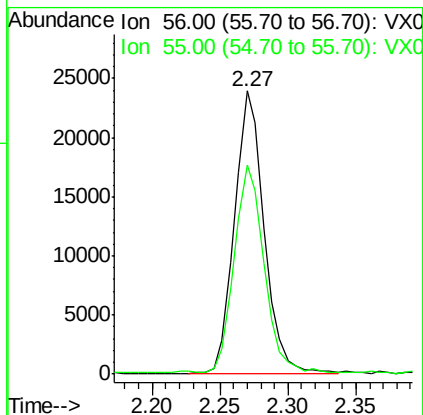
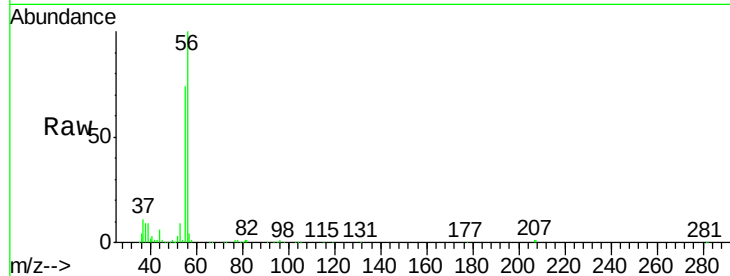
Ion Ratio Lower Upper

56 100

55 73.0 55.7 83.5

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#14

Allyl chloride

Concen: 16.091 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

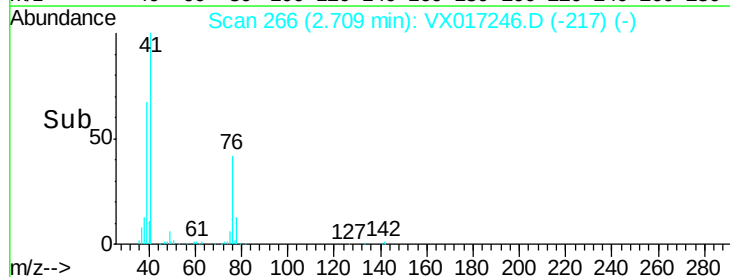
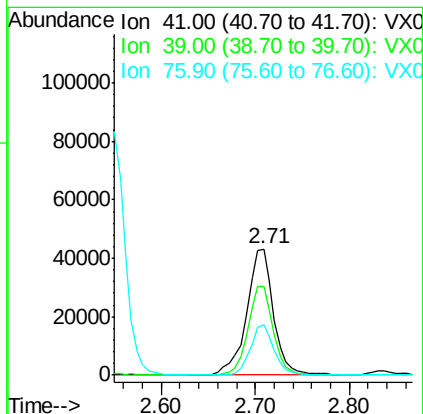
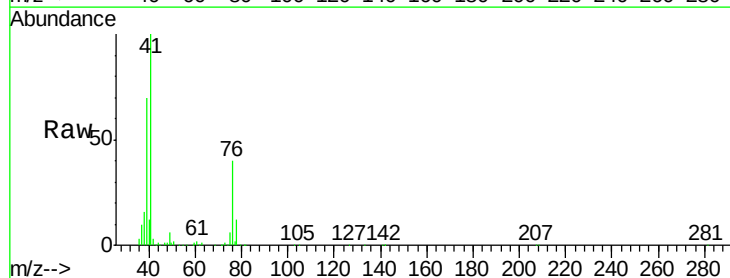
Tgt Ion: 41 Resp: 86222

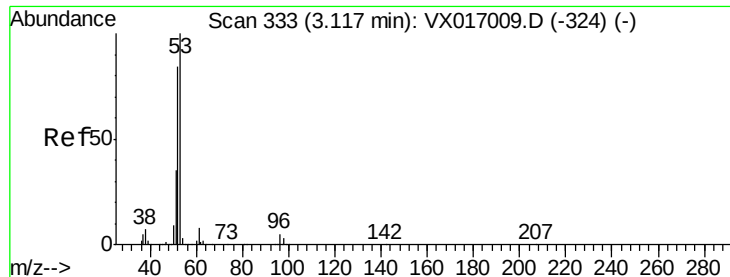
Ion Ratio Lower Upper

41 100

39 66.2 49.4 74.2

76 35.5 26.8 40.2





#15

Acrylonitrile

Concen: 82.405 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

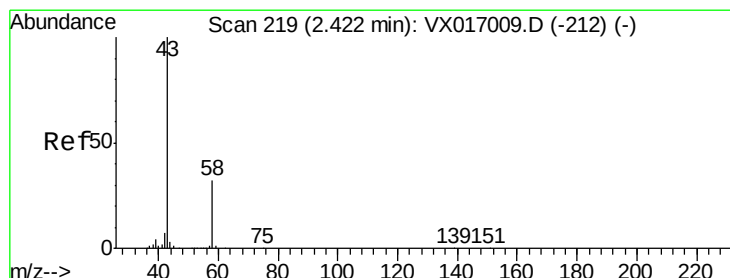
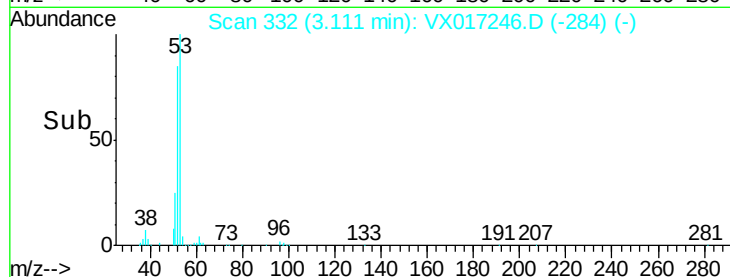
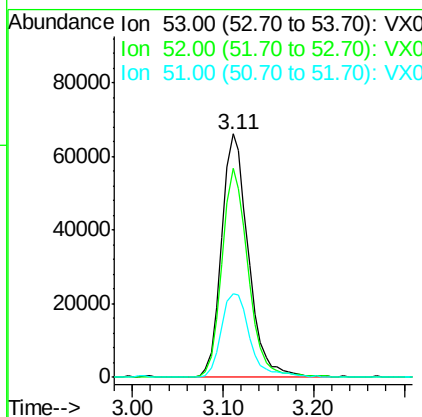
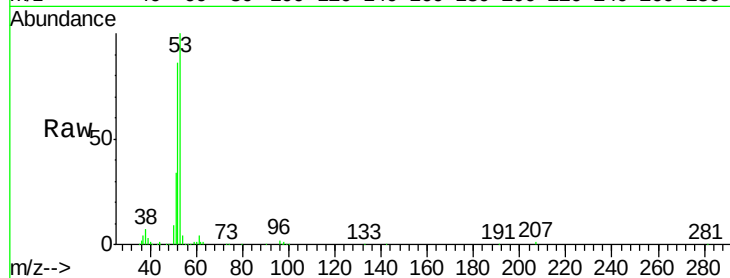
ClientSampleId :

VX0708WBS01

Tot Ion:	53	Resp:	136537
Ion	Ratio	Lower	Upper
53	100		
52	83.8	65.6	98.4
51	36.7	28.3	42.5

Manual Integrations
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#16

Acetone

Concen: 88.606 ug/l

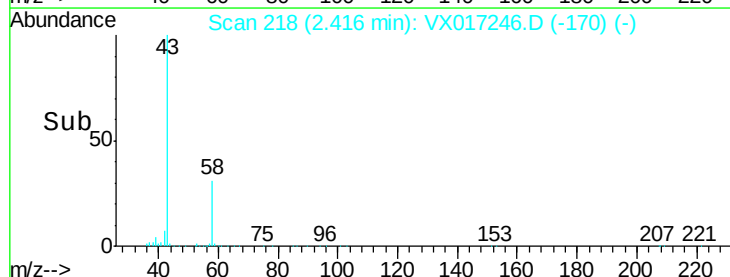
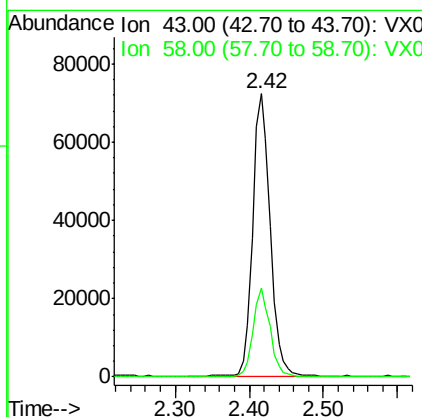
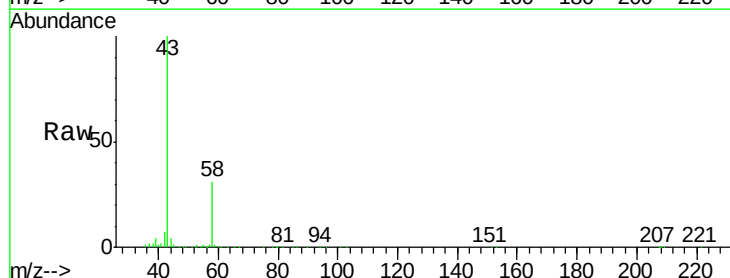
RT: 2.42 min Scan# 218

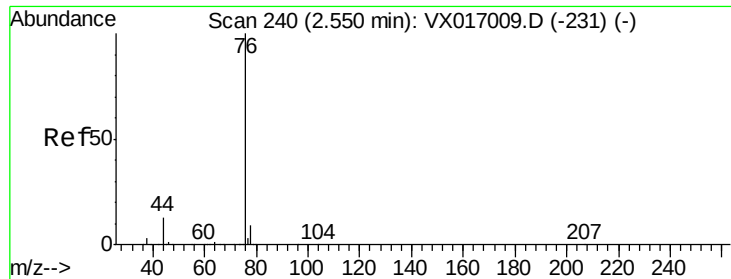
Delta R.T. -0.01 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Tgt Ion:	43	Resp:	119756
Ion	Ratio	Lower	Upper
43	100		
58	31.1	25.7	38.5





#17

Carbon Disulfide

Concen: 16.595 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

Tot Ion: 76 Resp: 134149

Ion Ratio Lower Upper

76 100

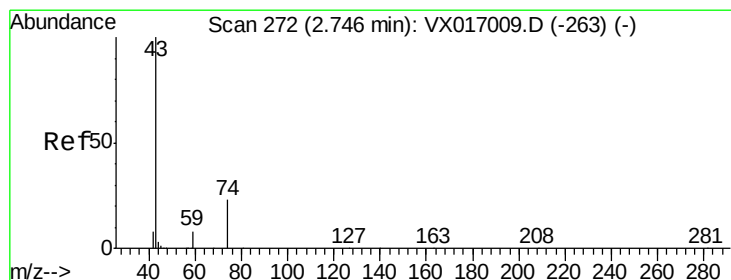
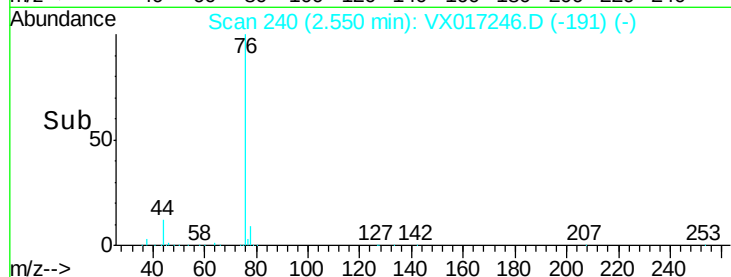
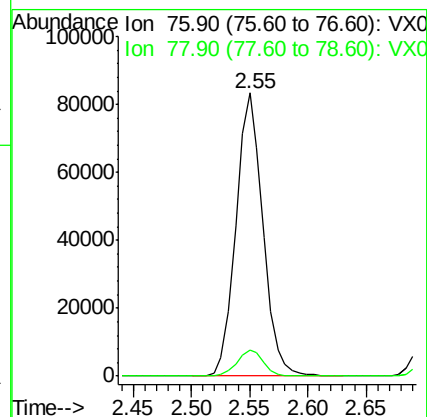
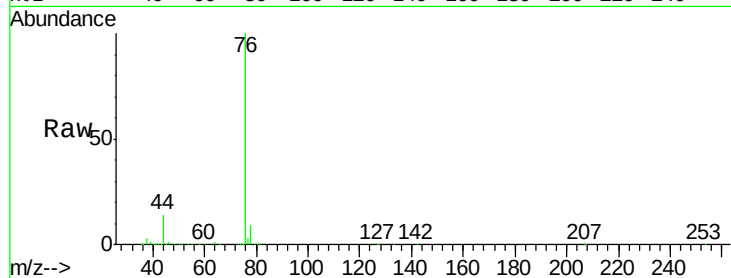
78 9.4 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 17.951 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX017246.D

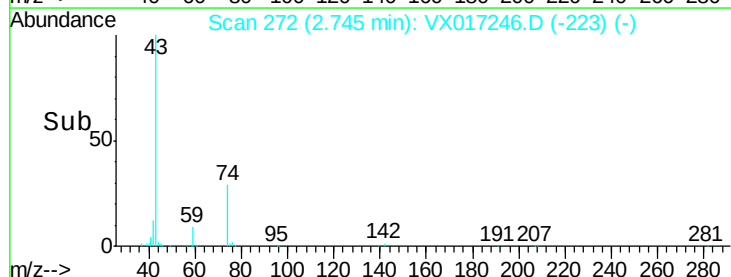
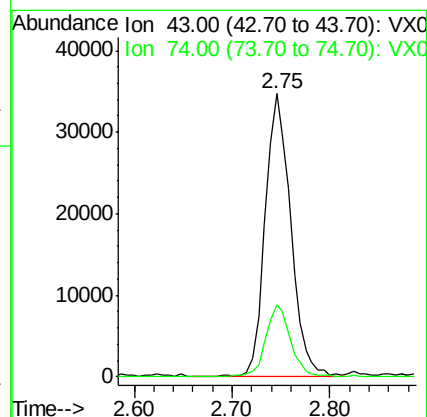
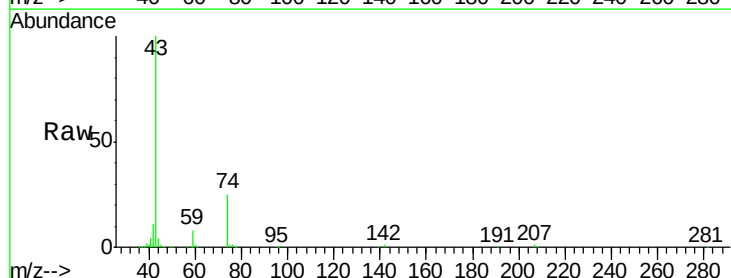
Acq: 08 Jul 2020 11:32

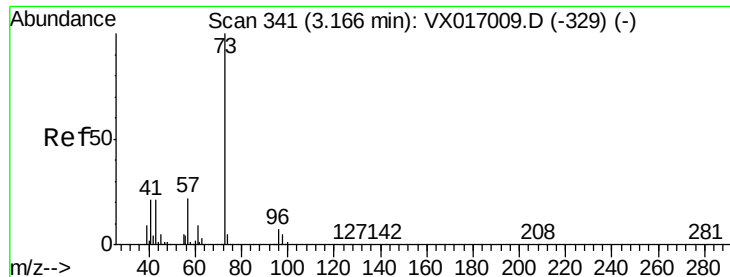
Tgt Ion: 43 Resp: 63336

Ion Ratio Lower Upper

43 100

74 24.8 19.3 28.9





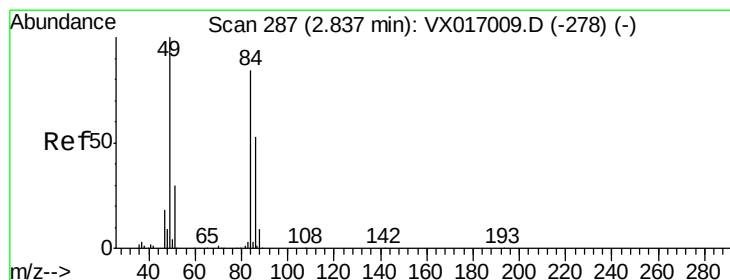
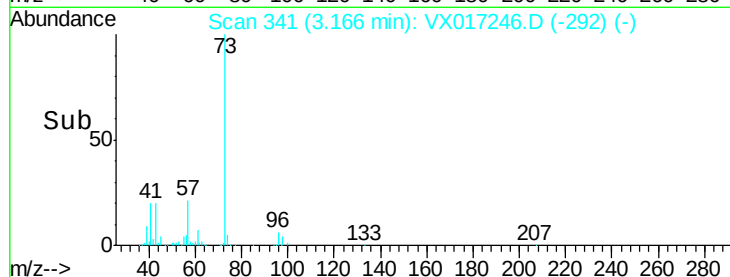
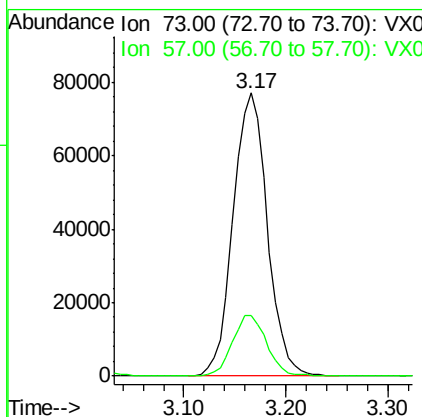
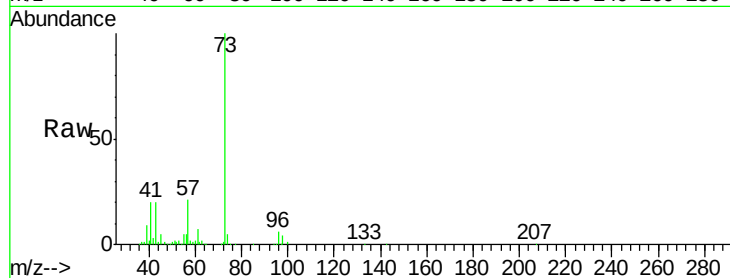
#19
Methyl tert-butyl Ether
Concen: 18.376 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.6	26.4

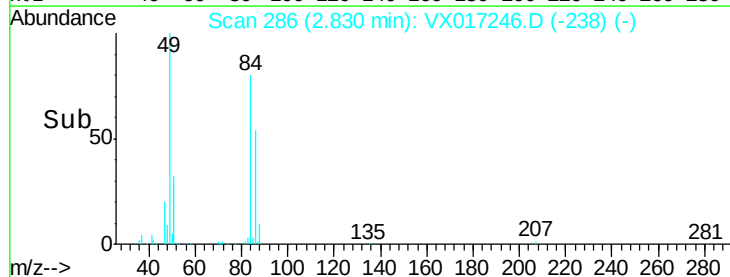
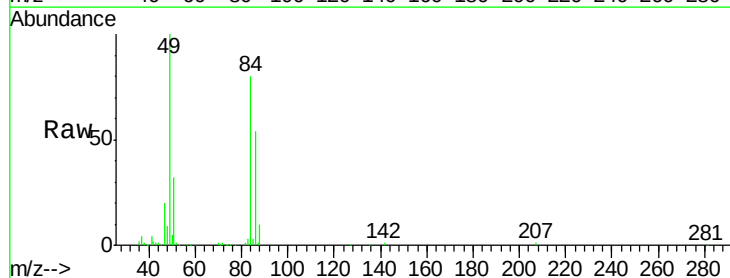
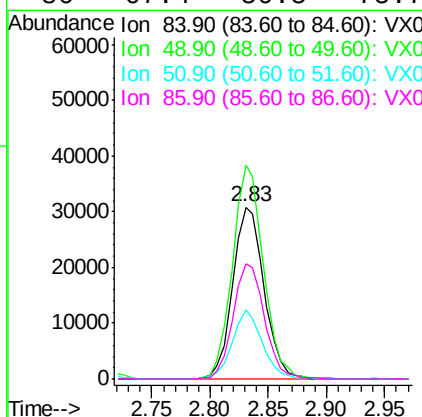
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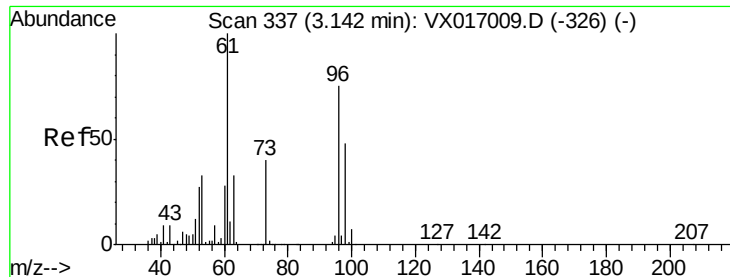
MMDadoda
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#20
Methylene Chloride
Concen: 18.150 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.3	94.7	142.1
51	40.0	28.6	42.8
86	67.4	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 17.685 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

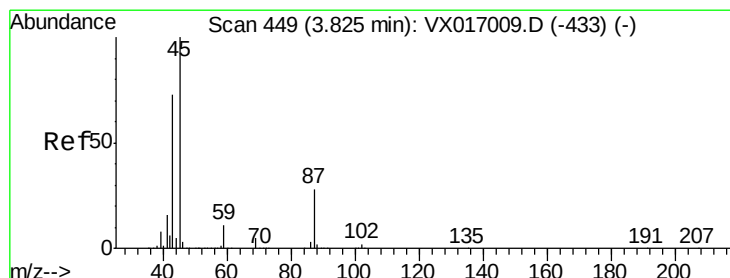
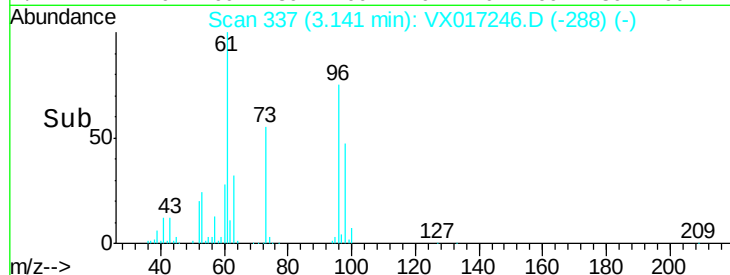
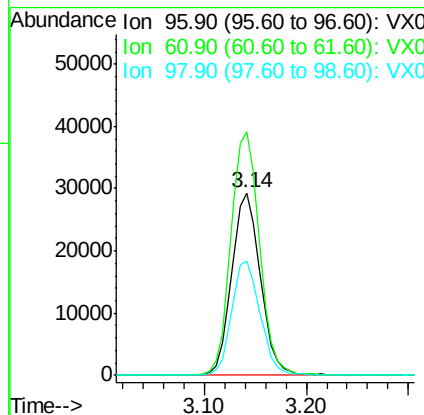
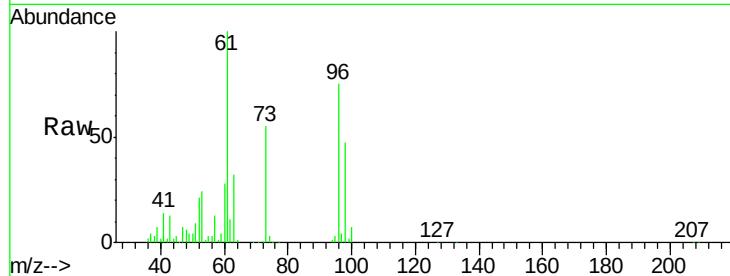
ClientSampled :

VX0708WBS01

Tot Ion:	96	Resp:	56905
Ion	Ratio	Lower	Upper
96	100		
61	133.5	107.0	160.6
98	62.8	51.6	77.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.024 ug/l

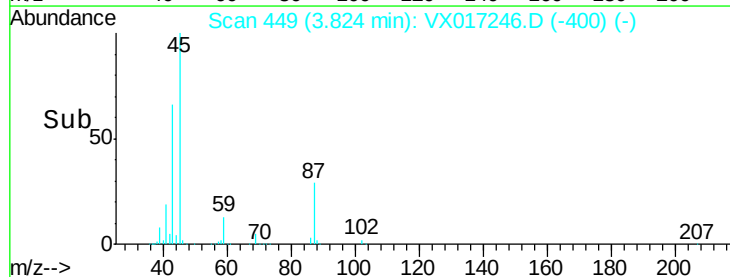
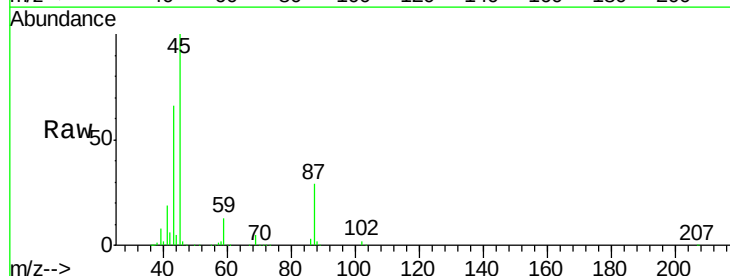
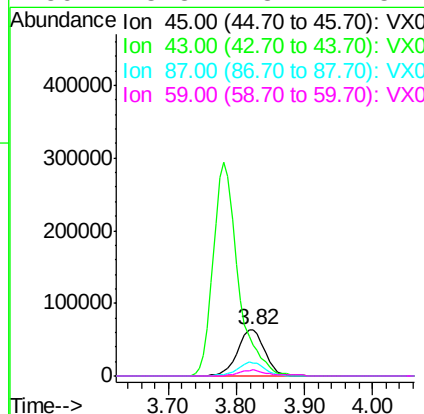
RT: 3.82 min Scan# 449

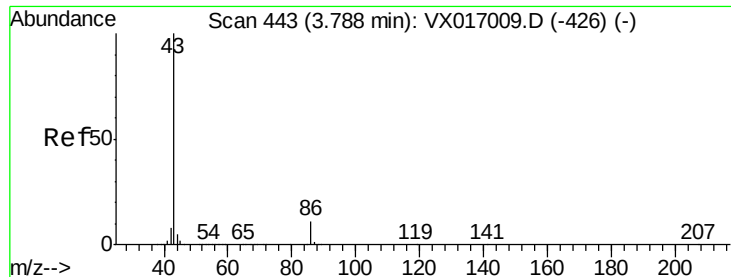
Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Tgt Ion:	45	Resp:	178755
Ion	Ratio	Lower	Upper
45	100		
43	65.7	58.6	88.0
87	28.6	22.6	34.0
59	13.3	8.7	13.1#





#23

Vinyl Acetate

Concen: 87.912 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

Tot Ion: 43 Resp: 749211

Ion Ratio Lower Upper

43 100

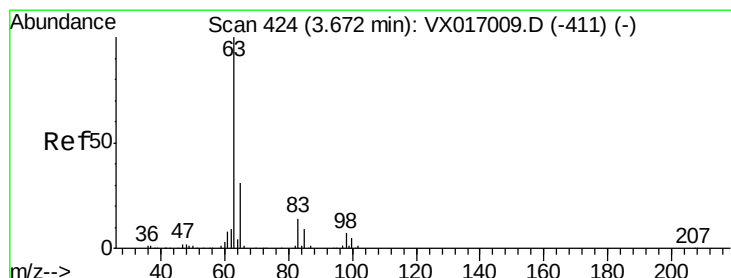
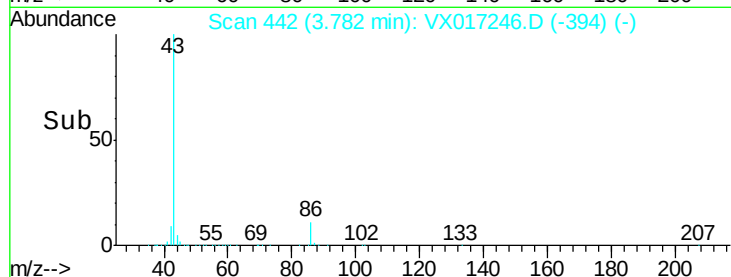
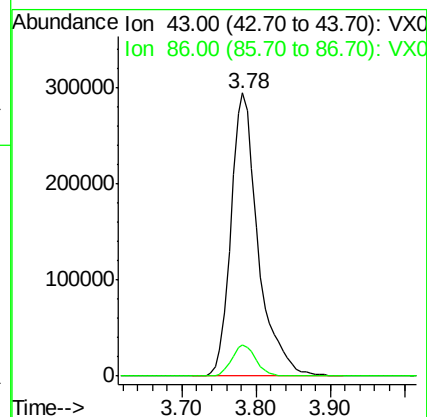
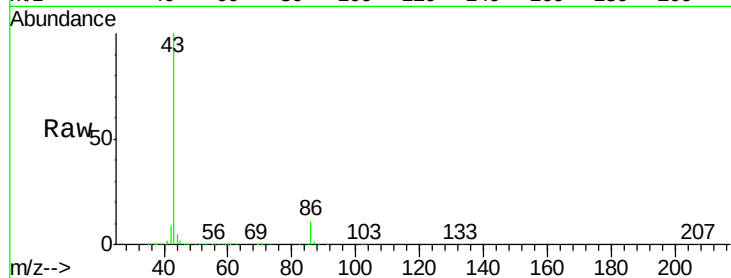
86 10.9 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.898 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

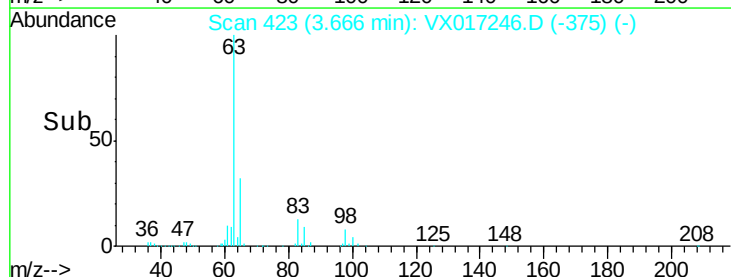
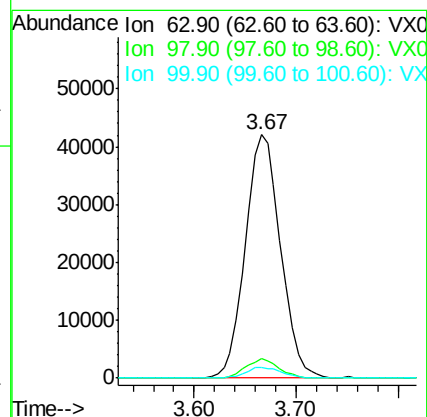
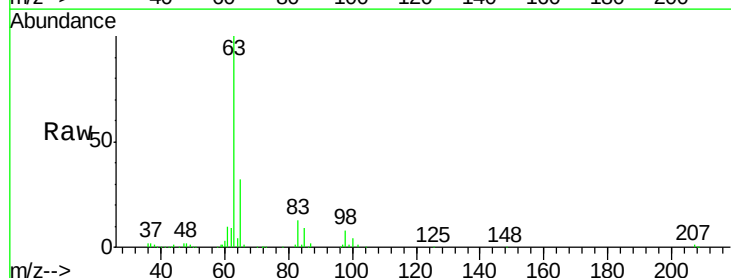
Tgt Ion: 63 Resp: 101002

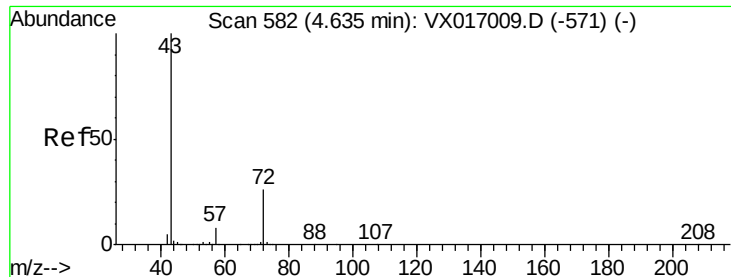
Ion Ratio Lower Upper

63 100

98 8.2 3.6 10.8

100 4.5 2.4 7.1





#25

2-Butanone

Concen: 82.628 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS01

Tot Ion: 43 Resp: 186082

Ion Ratio Lower Upper

43 100

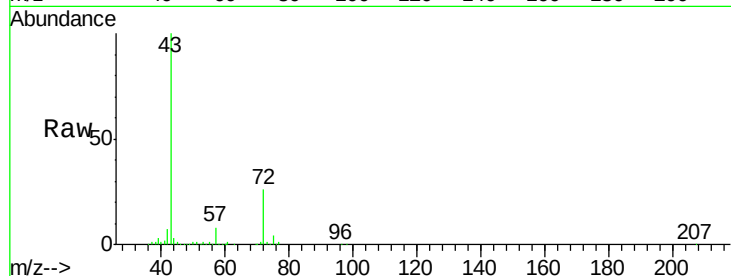
72 25.8 20.8 31.2

Manual Integrations

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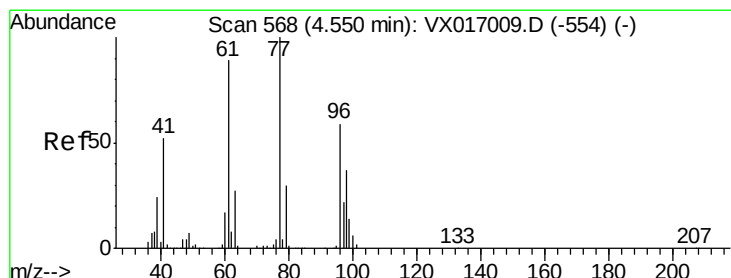
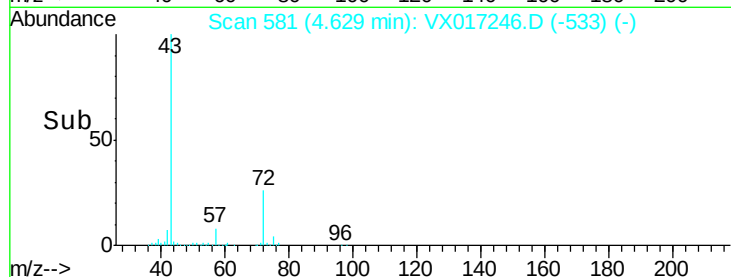
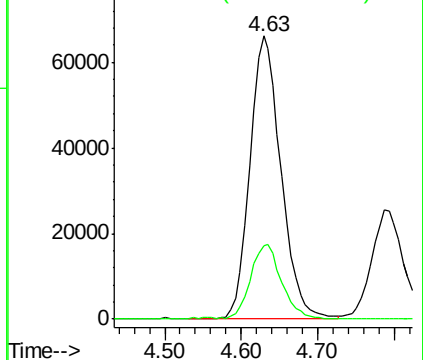
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.777 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017246.D

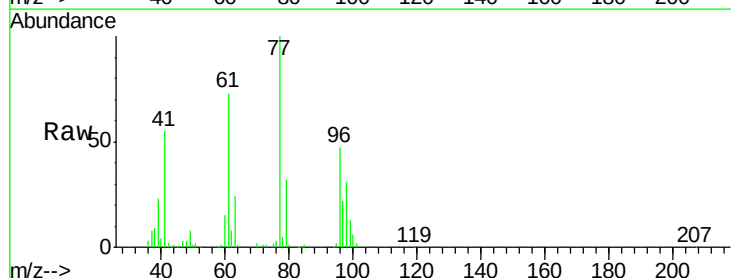
Acq: 08 Jul 2020 11:32

Tgt Ion: 77 Resp: 94085

Ion Ratio Lower Upper

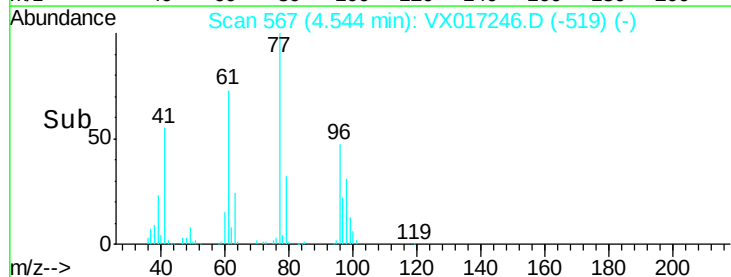
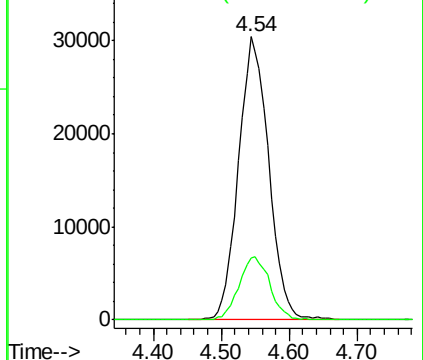
77 100

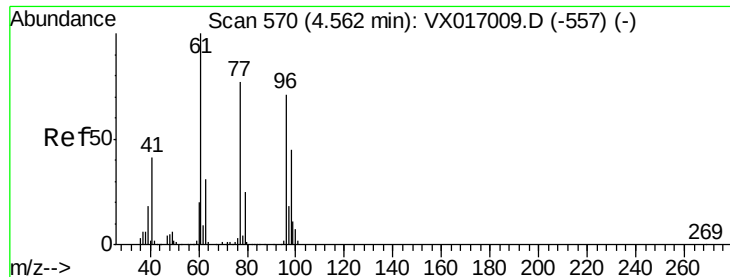
97 22.7 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

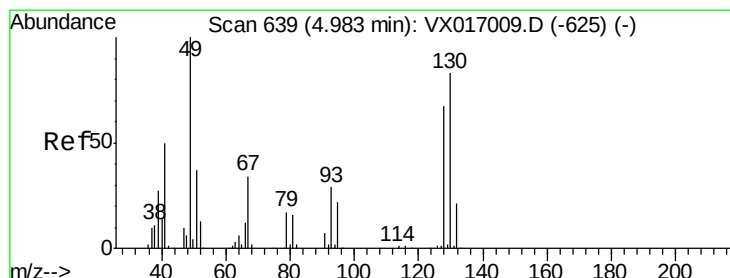
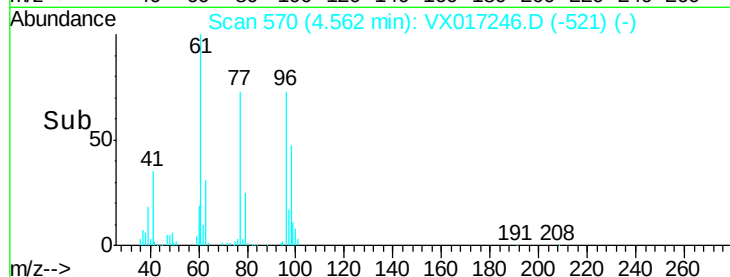
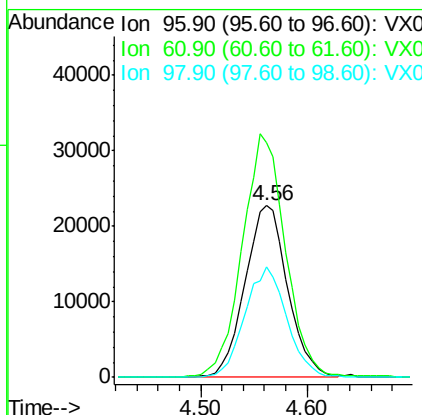
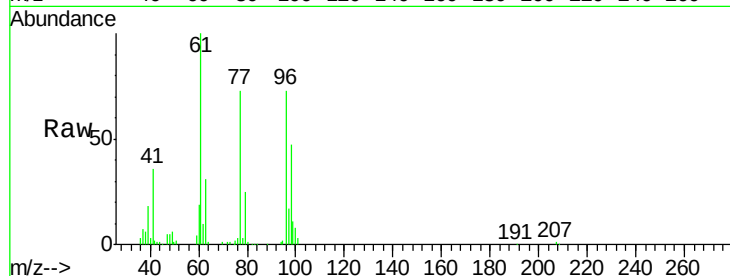
cis-1,2-Dichloroethene
Concen: 17.480 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.8	0.0	282.8
98	63.7	0.0	127.6

Manual Integrations
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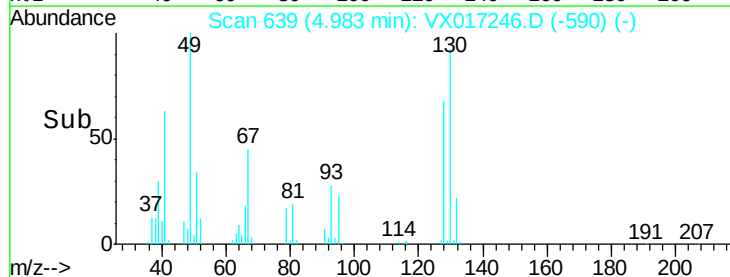
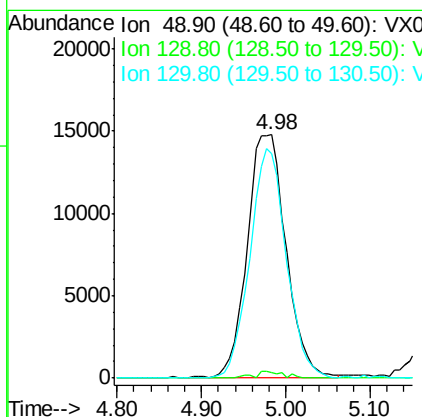
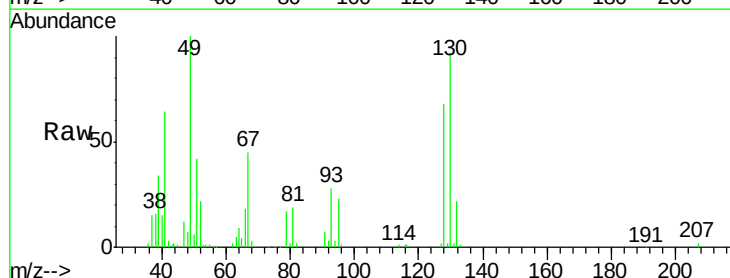
MMDadoda
7/9/2020 10:59:47 AM

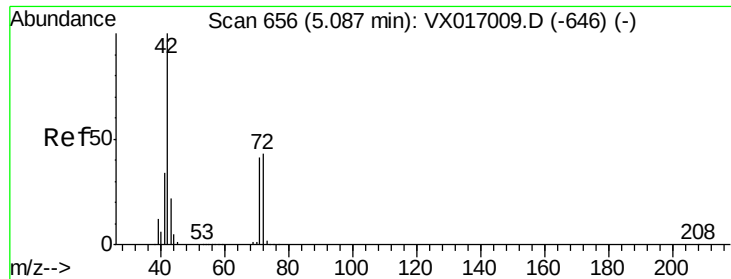


#28

Bromochloromethane
Concen: 16.938 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.2
130	88.1	66.6	100.0





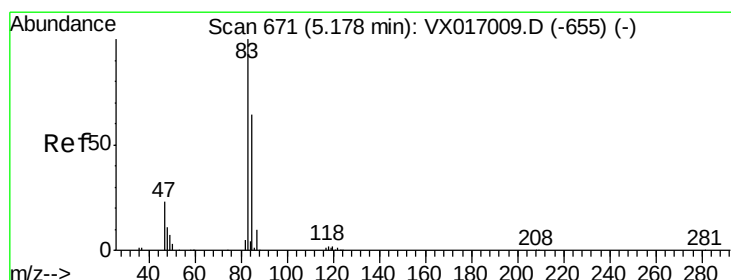
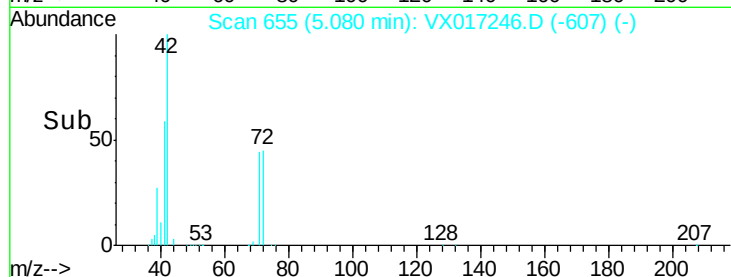
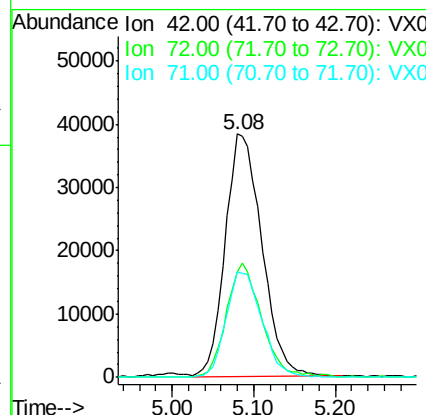
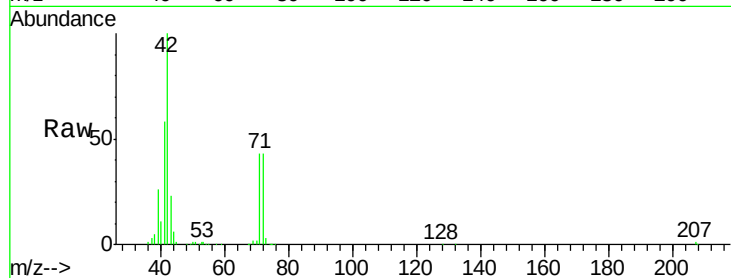
#29
Tetrahydrofuran
Concen: 80.124 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.1	35.3	52.9
71	42.7	33.1	49.7

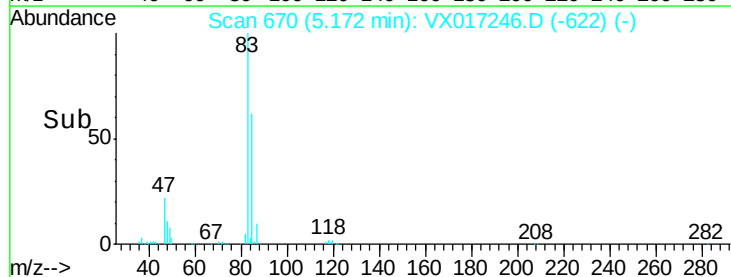
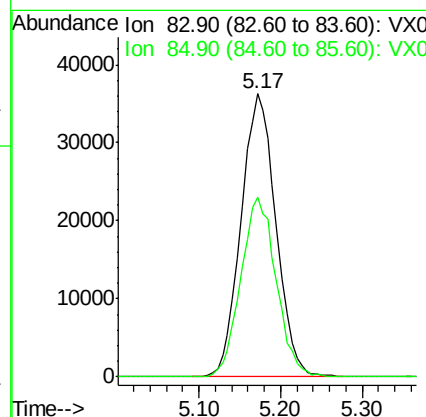
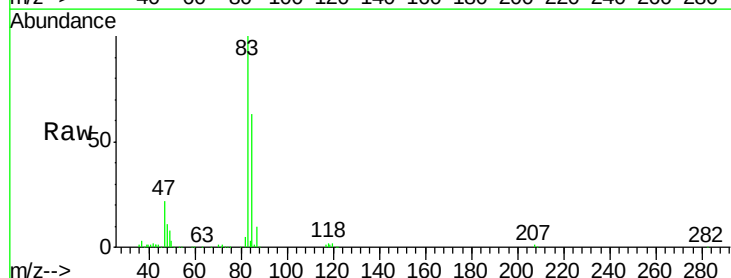
Manual Integrations
APPROVED

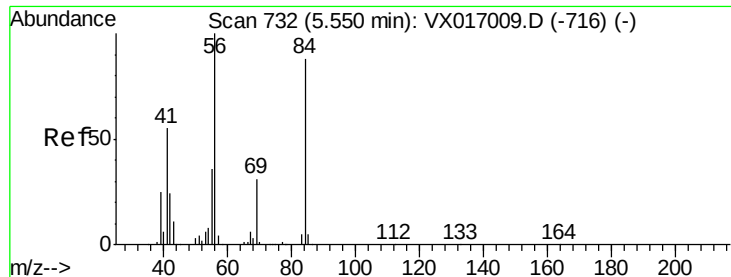
MMDadoda
7/9/2020 10:59:47 AM



#30
Chloroform
Concen: 18.604 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.4	77.2





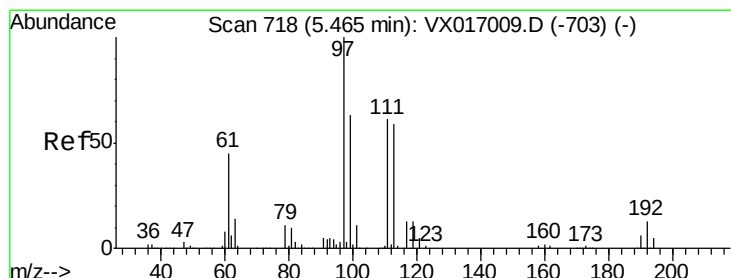
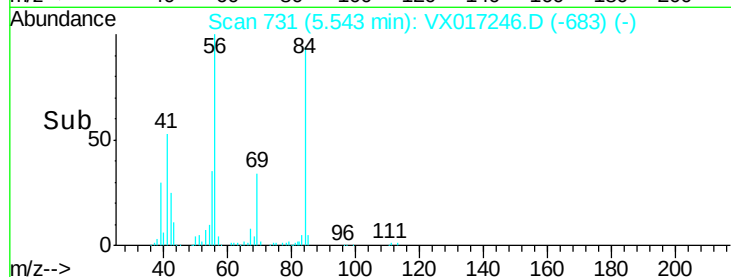
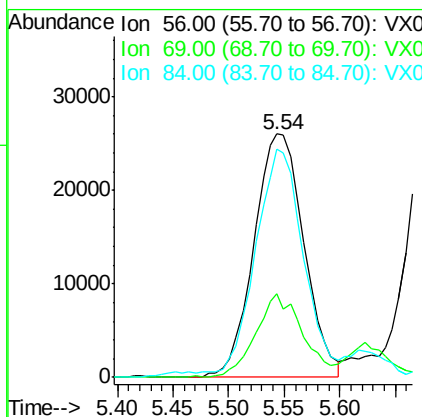
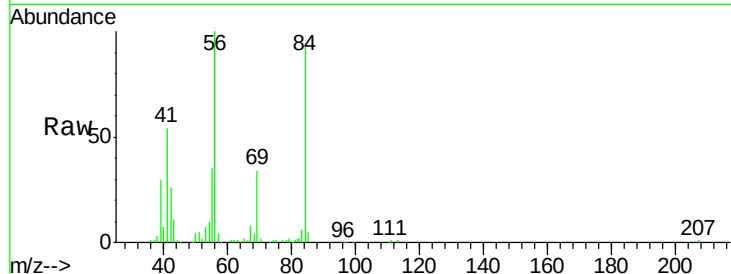
#31
Cyclohexane
Concen: 16.637 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.2	25.0	37.4
84	91.7	69.1	103.7

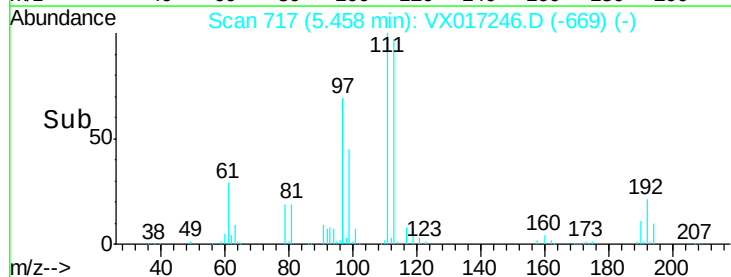
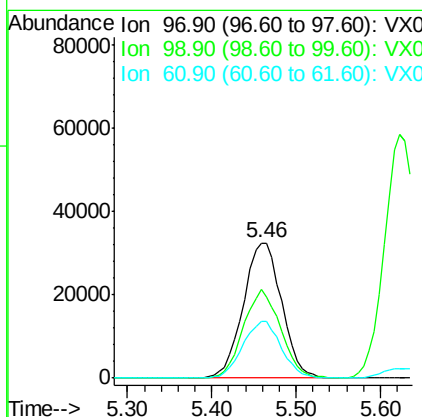
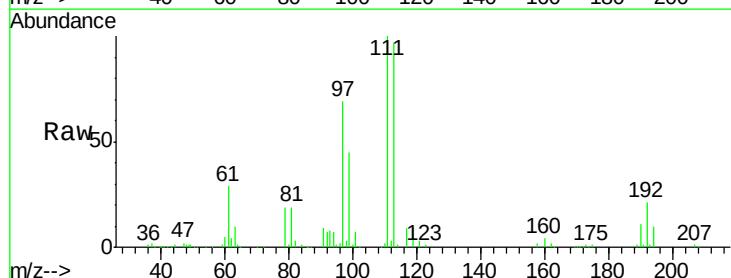
Manual Integrations
APPROVED

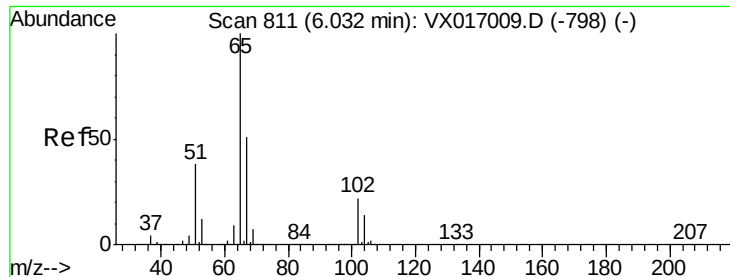
MMDadoda
7/9/2020 10:59:47 AM



#32
1,1,1-Trichloroethane
Concen: 18.853 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.8	76.2
61	42.5	33.7	50.5





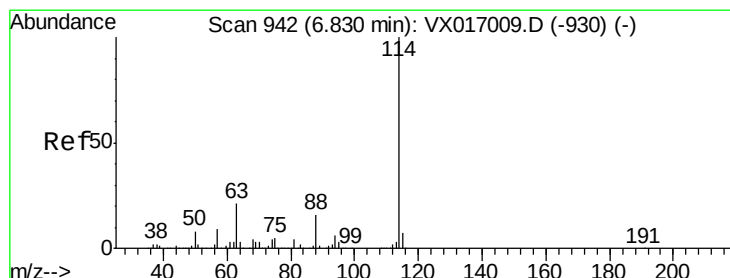
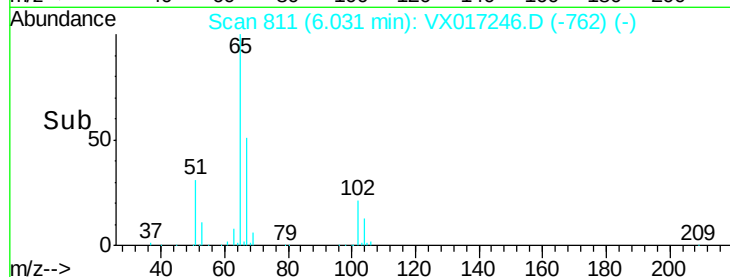
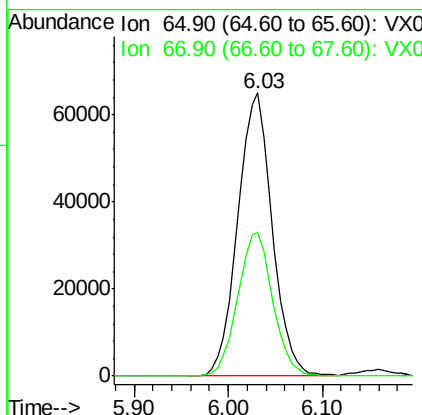
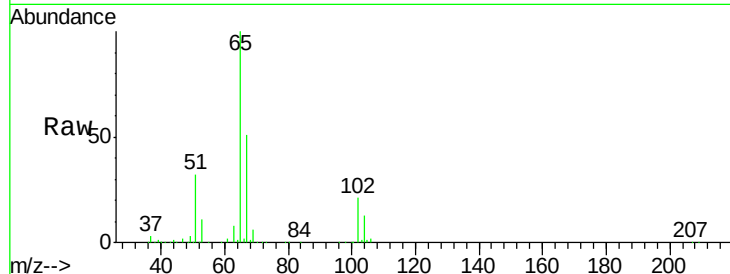
#33
 1,2-Dichloroethane-d4
 Concen: 46.112 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166597		
67	51.6	0.0	103.8	

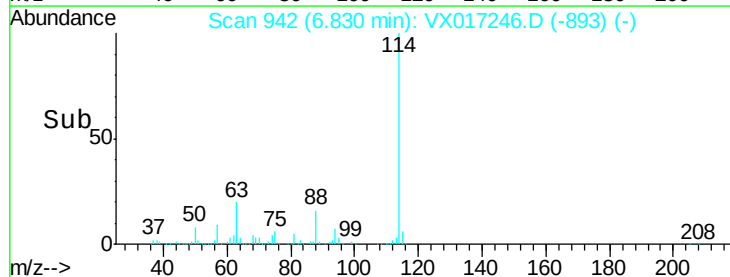
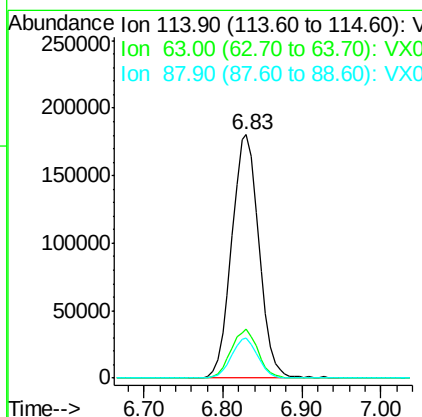
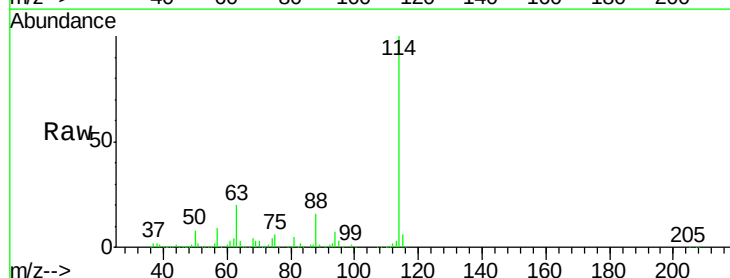
Manual Integrations
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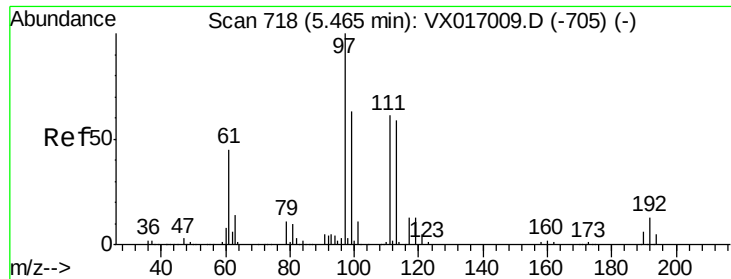
MMDadoda
 7/9/2020 10:59:47 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	433898		
63	20.0	0.0	41.4	
88	16.4	0.0	32.4	





#35

Dibromofluoromethane

Concen: 50.157 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

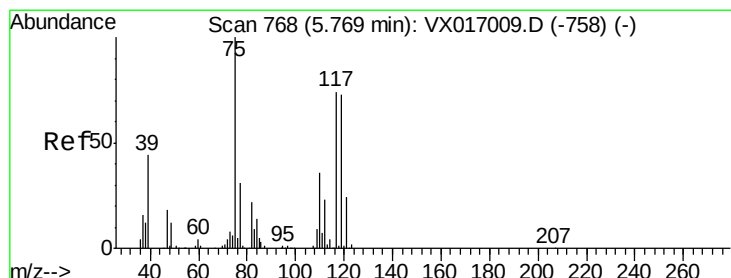
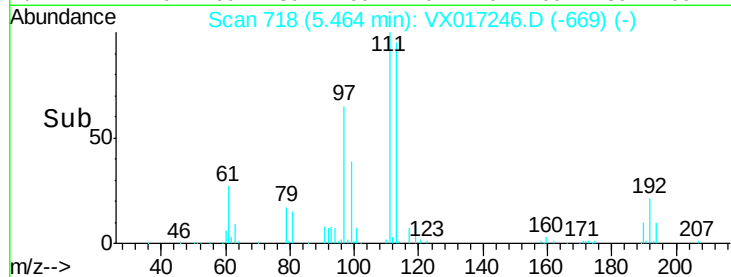
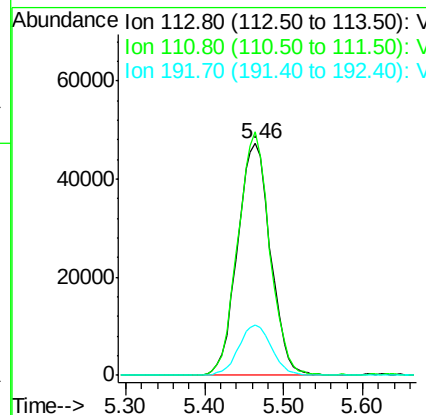
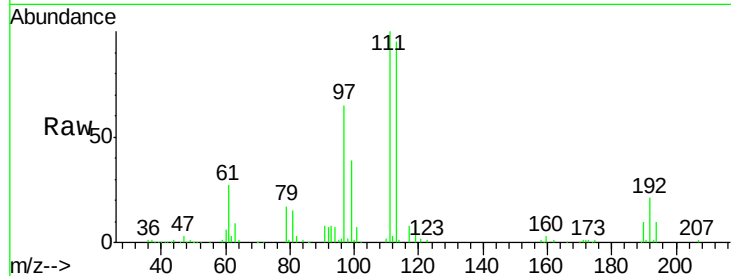
ClientSampleId :

VX0708WBS01

Tot Ion:	113	Resp:	137667
Ion Ratio	Lower	Upper	
113	100		
111	101.3	81.9	122.9
192	21.6	16.7	25.1

Manual Integrations
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7/9/2020 10:59:47 AM



#36

1,1-Dichloropropene

Concen: 18.207 ug/l

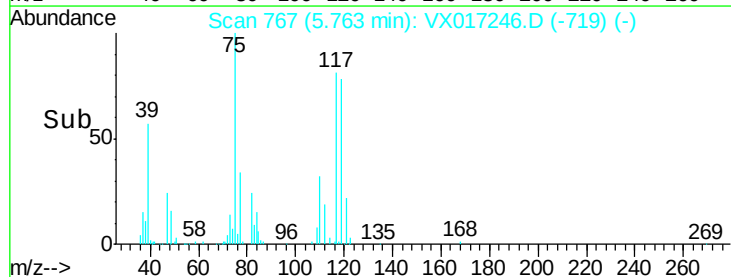
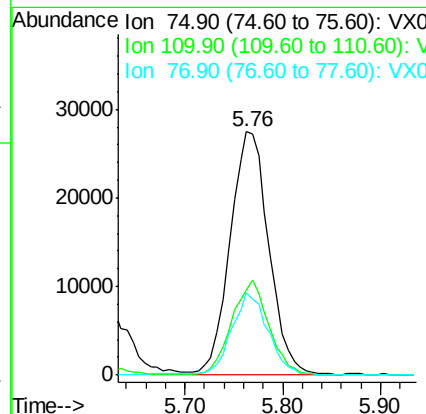
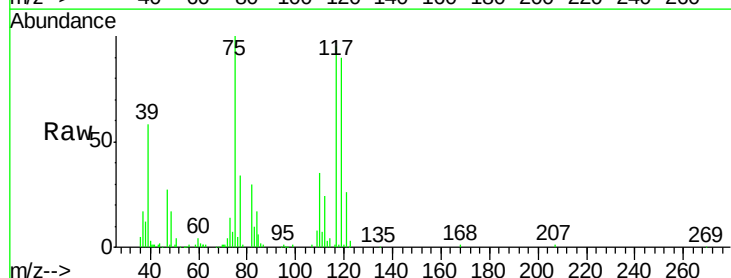
RT: 5.76 min Scan# 767

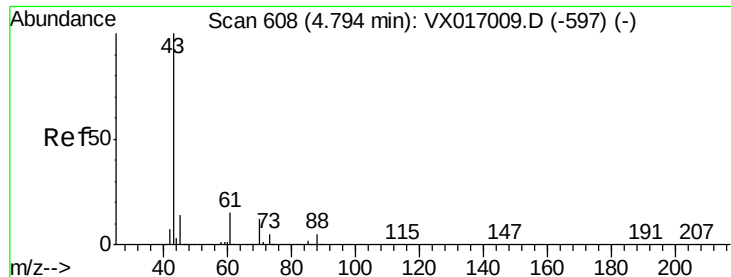
Delta R.T. -0.01 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Tgt Ion:	75	Resp:	74665
Ion Ratio	Lower	Upper	
75	100		
110	37.6	18.1	54.1
77	32.2	24.6	37.0





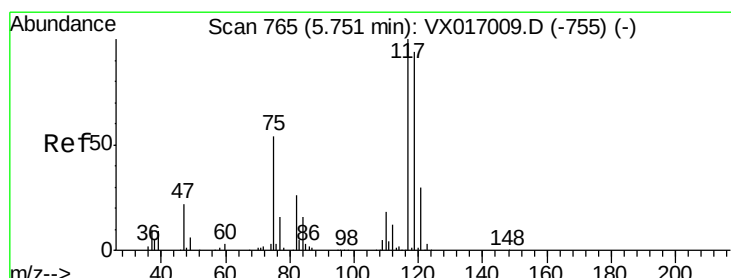
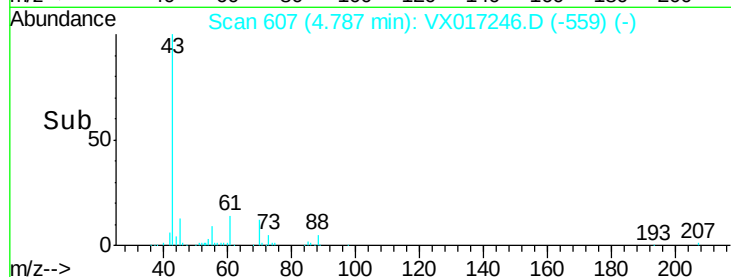
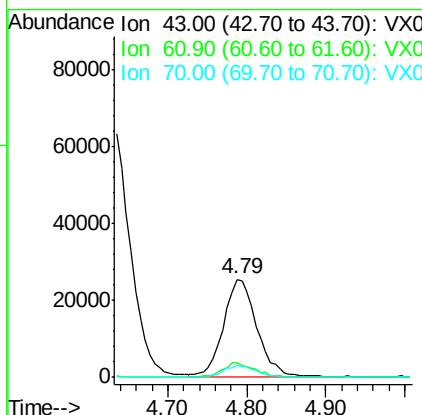
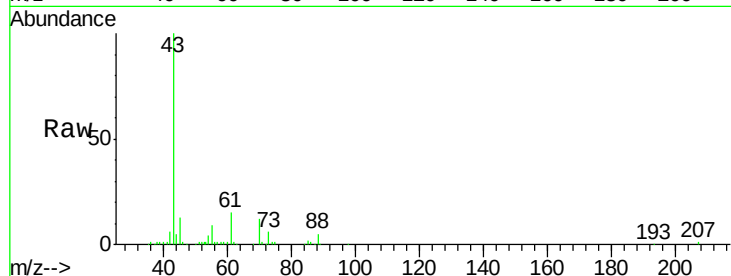
#37
Ethyl Acetate
Concen: 17.852 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.7	11.0	16.4
70	11.6	8.9	13.3

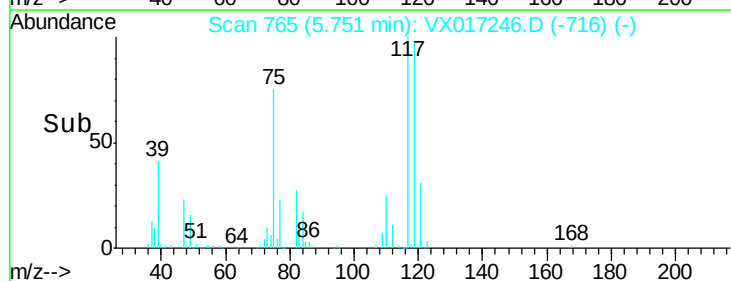
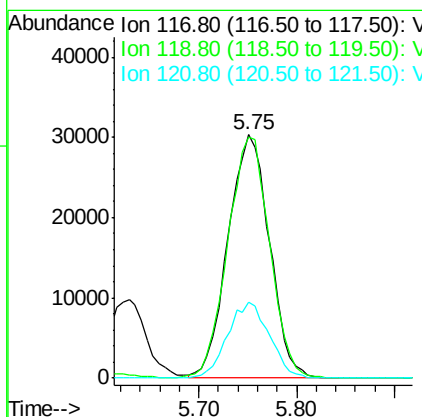
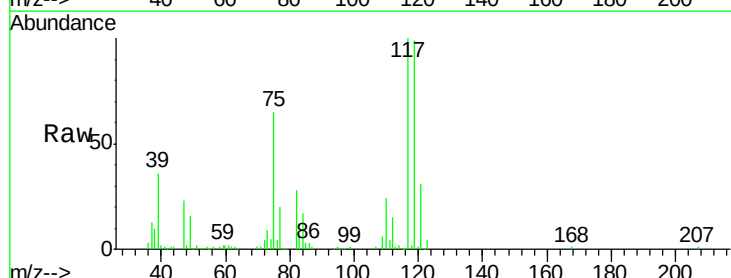
Manual Integrations
APPROVED

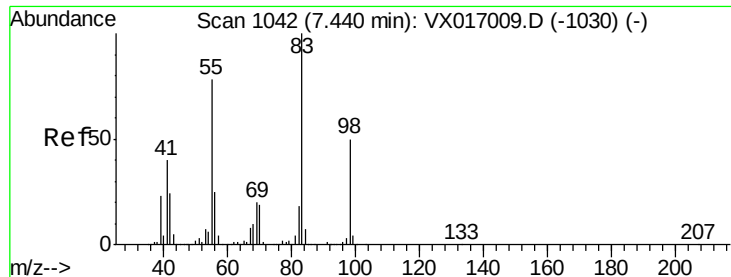
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.777 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.6	75.4	113.0
121	31.1	23.8	35.6





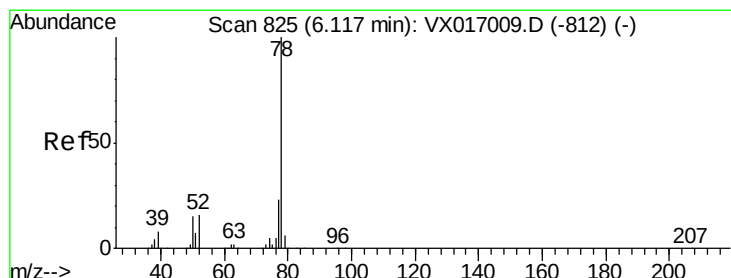
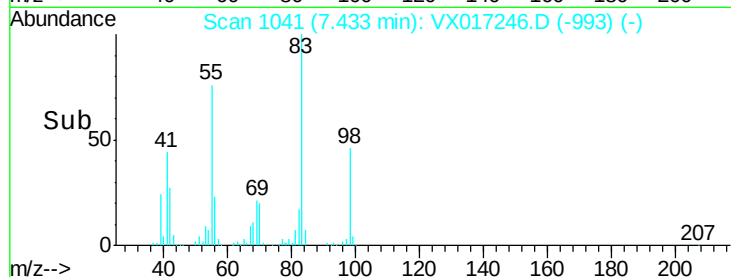
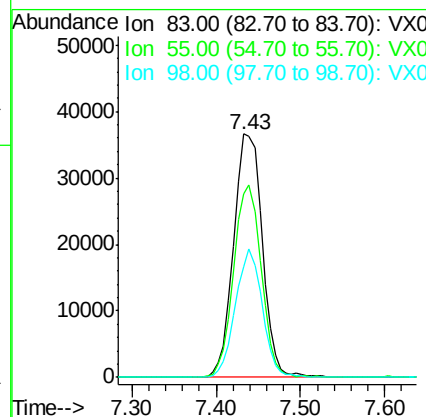
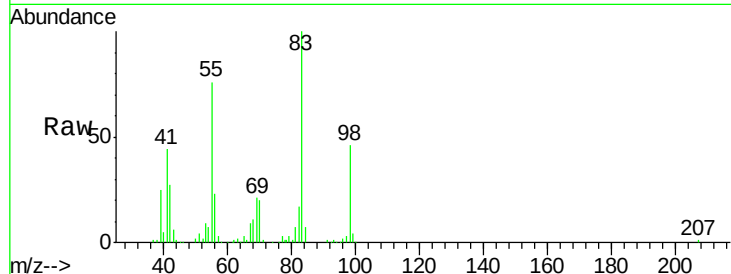
#39
Methylvlcyclohexane
Concen: 18.464 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	62.5	93.7
98	45.6	40.1	60.1

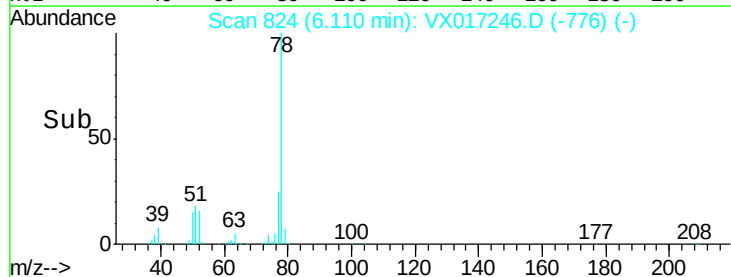
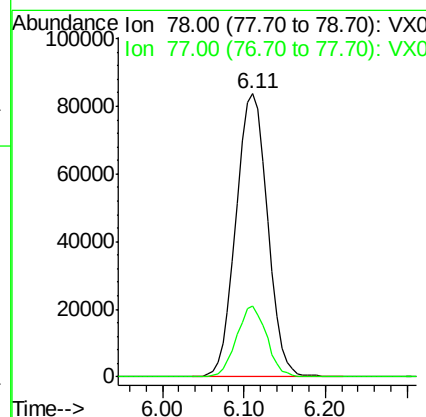
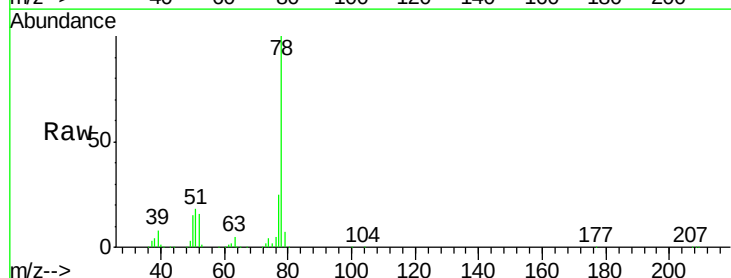
Manual Integrations
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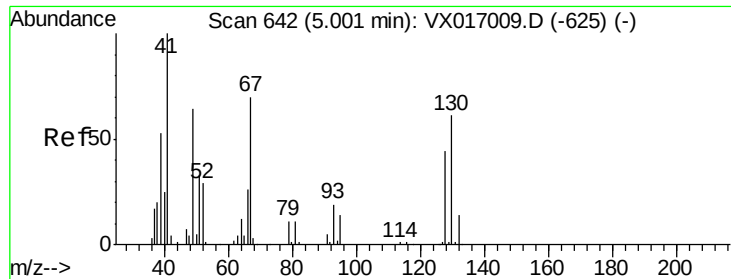
MMDadoda
7/9/2020 10:59:47 AM



#40
Benzene
Concen: 18.631 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	18.3	27.5





#41

Methacrylonitrile

Concen: 17.886 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

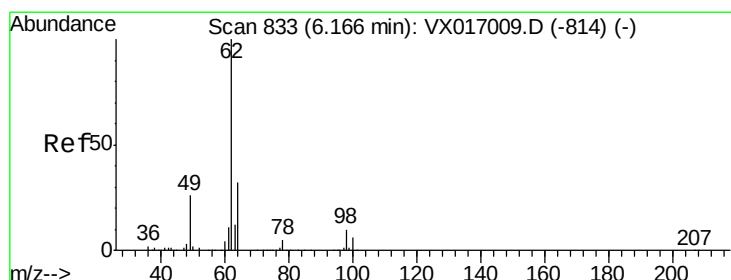
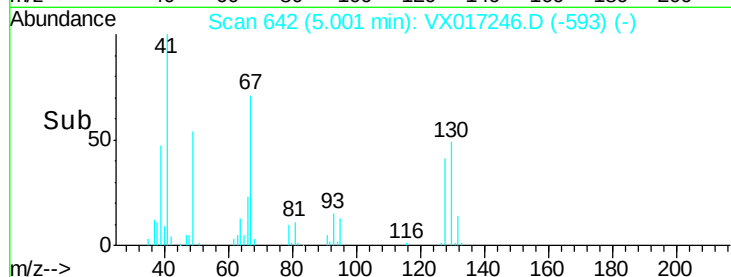
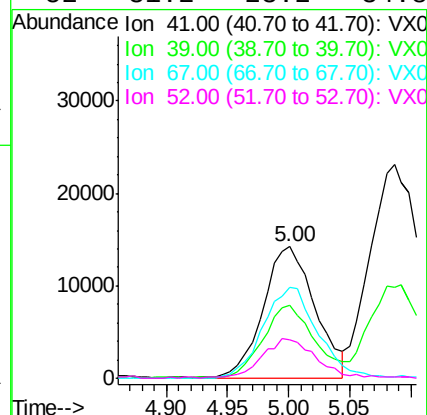
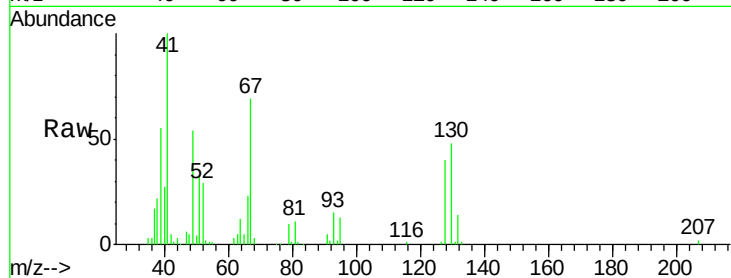
ClientSampled :

VX0708WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41885	41	100		
	39	57.5	44.4	66.6
	67	72.8	57.1	85.7
	52	31.2	23.2	34.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.973 ug/l

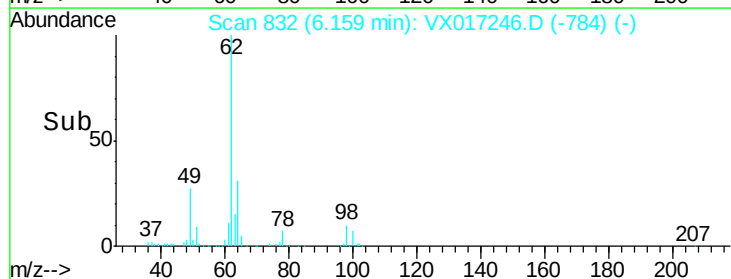
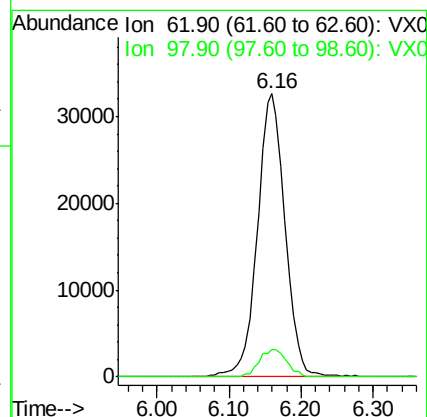
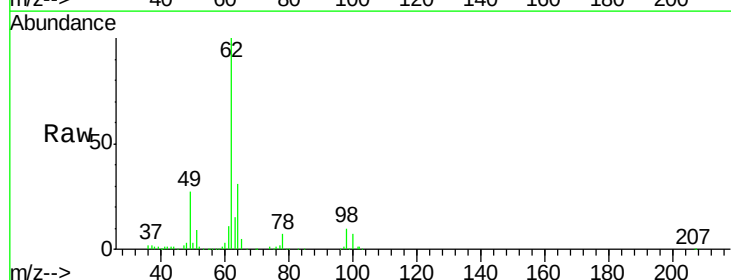
RT: 6.16 min Scan# 832

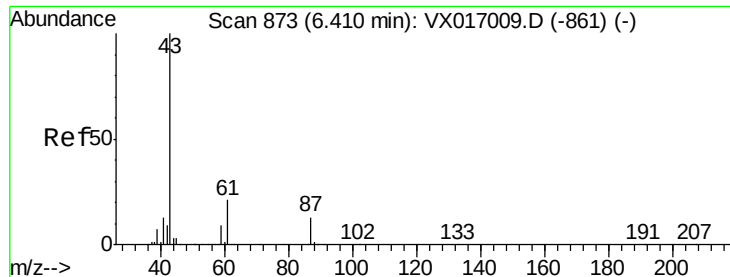
Delta R.T. -0.01 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Tgt Ion	Ion	Ratio	Lower	Upper
86928	62	100		
	98	9.8	0.0	19.2





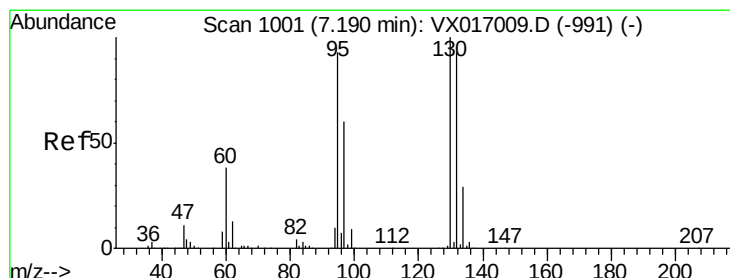
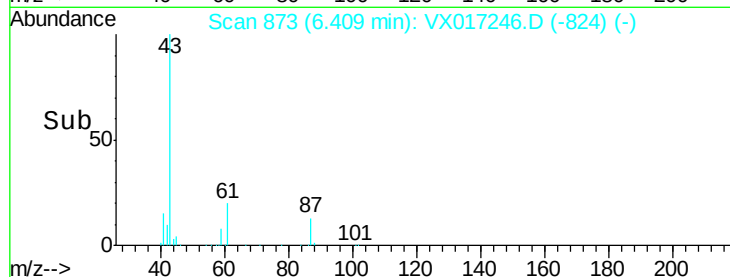
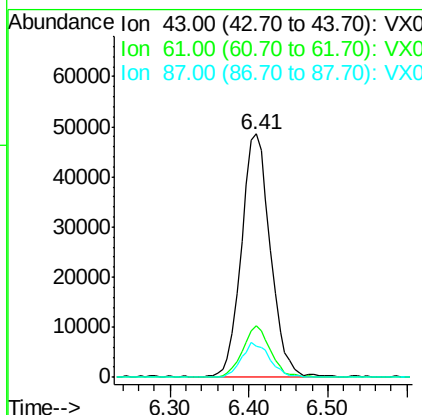
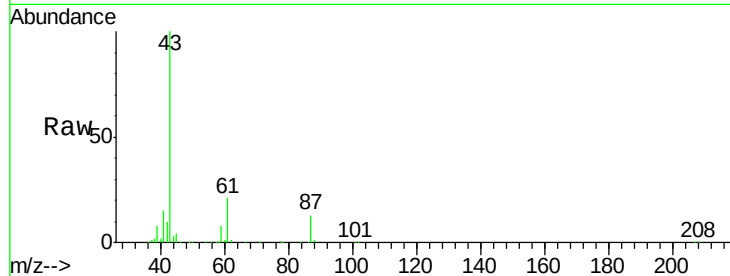
#43
Isopropyl Acetate
Concen: 17.824 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.2
87	13.8	10.7	16.1

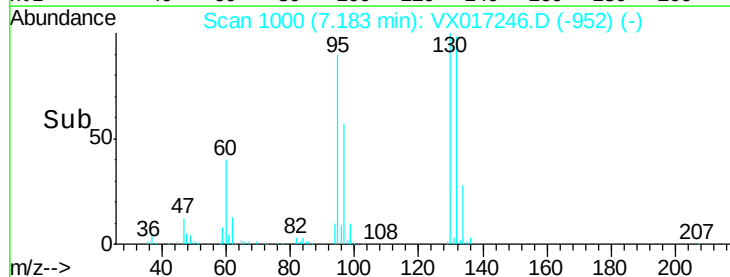
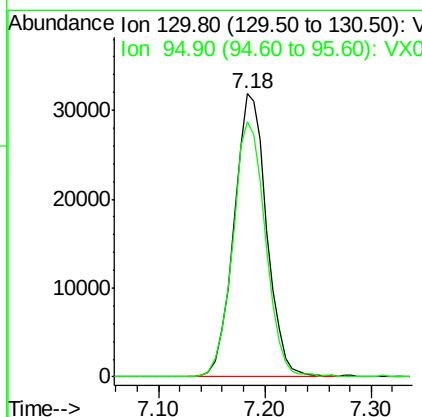
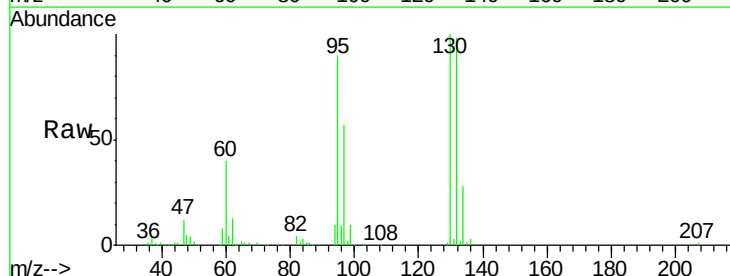
Manual Integrations
APPROVED

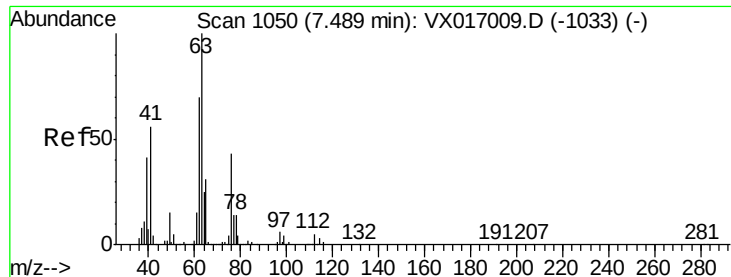
MMDadoda
7/9/2020 10:59:47 AM



#44
Trichloroethene
Concen: 20.464 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	185.0





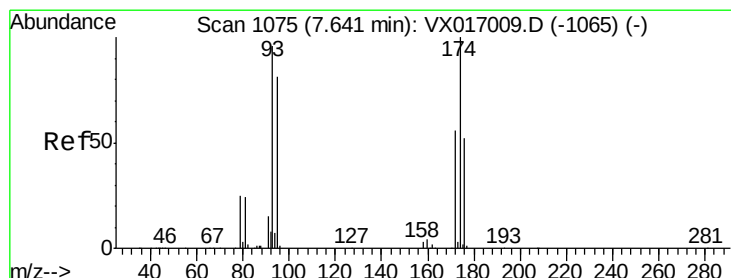
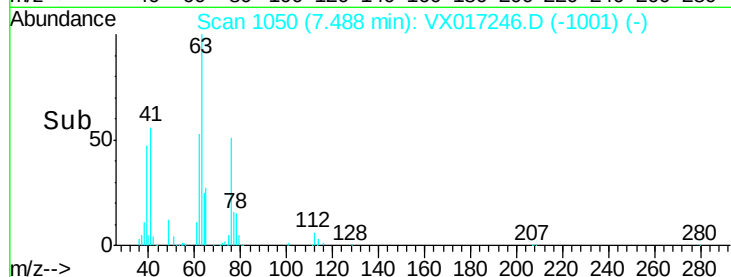
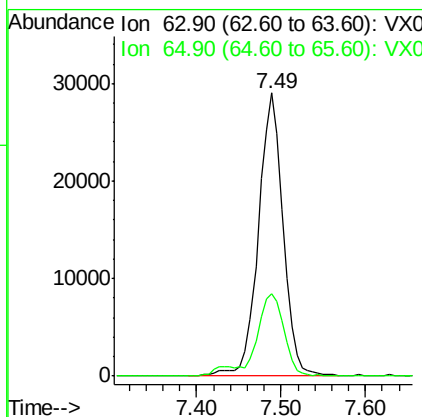
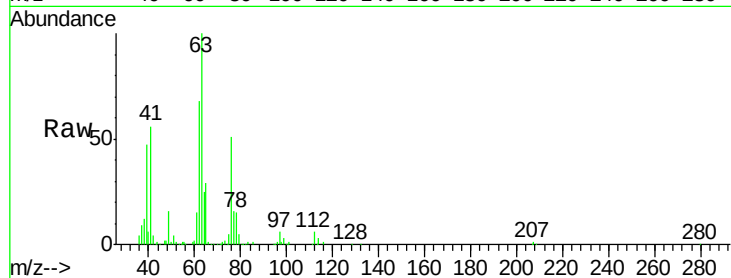
#45
 1,2-Dichloropropane
 Concen: 18.901 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.1	24.6	36.8

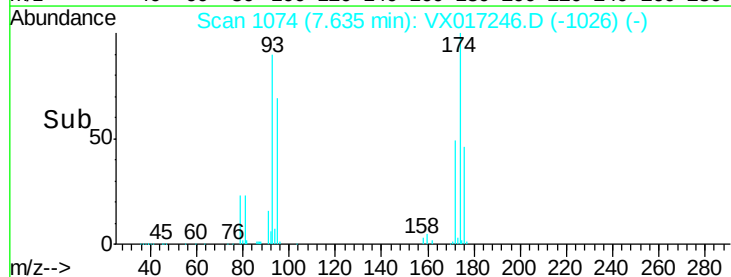
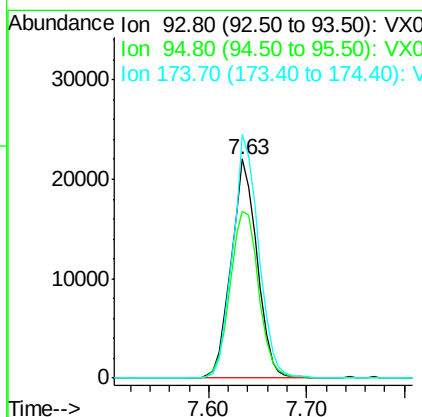
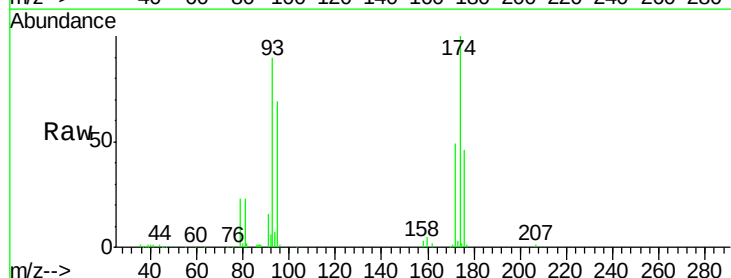
Manual Integrations
 APPROVED

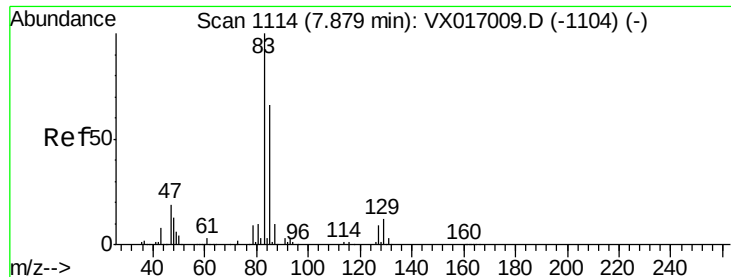
MMDadoda
 7/9/2020 10:59:47 AM



#46
 Dibromomethane
 Concen: 19.217 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.4	101.0
174	111.1	84.3	126.5





#47

Bromodichloromethane

Concen: 19.870 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

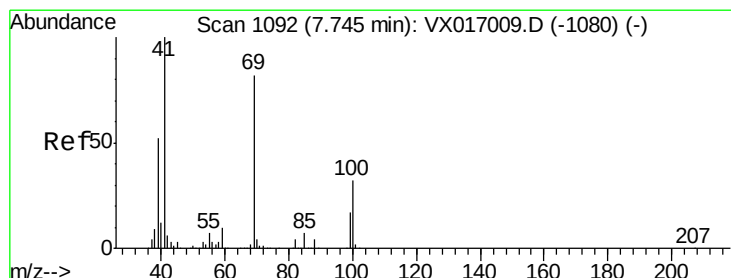
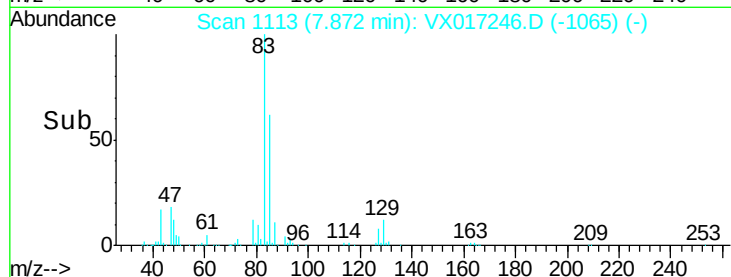
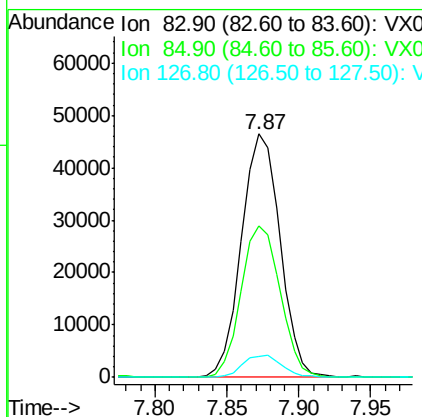
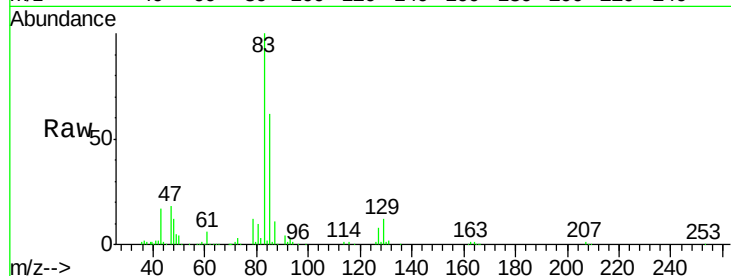
ClientSampleId :

VX0708WBS01

Tot Ion:	83	Resp:	86515
Ion	Ratio	Lower	Upper
83	100		
85	62.1	53.0	79.4
127	8.4	7.5	11.3

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:59:47 AM



#48

Methyl methacrylate

Concen: 18.203 ug/l

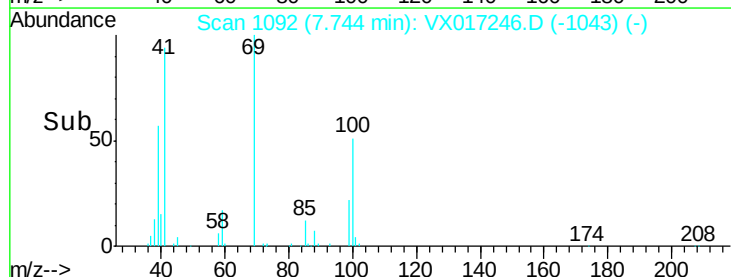
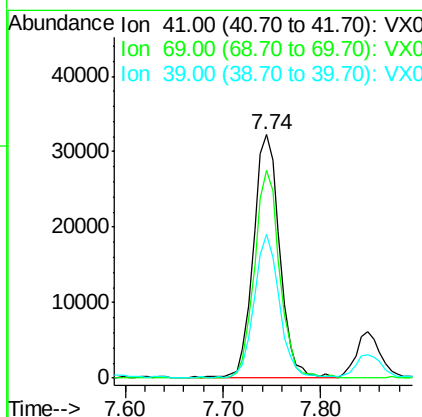
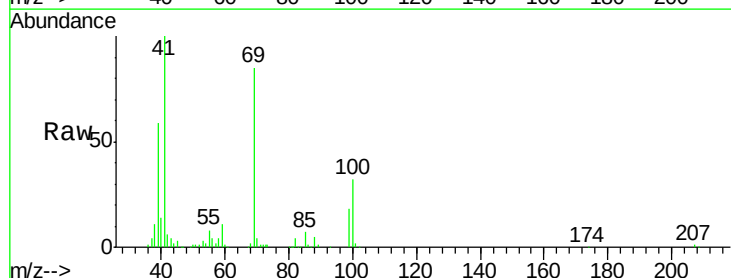
RT: 7.74 min Scan# 1092

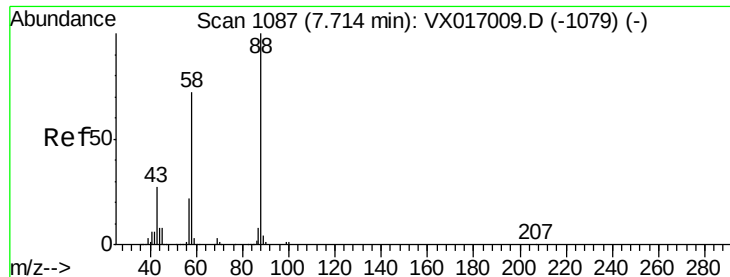
Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Tgt Ion:	41	Resp:	59792
Ion	Ratio	Lower	Upper
41	100		
69	82.5	65.8	98.8
39	56.1	42.5	63.7





#49

1,4-Dioxane

Concen: 331.486 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

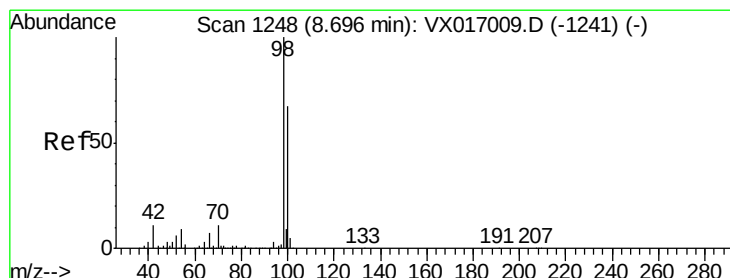
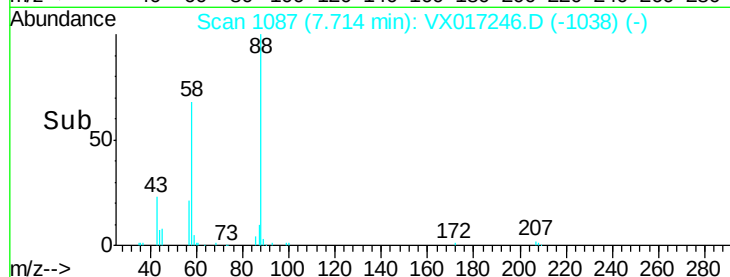
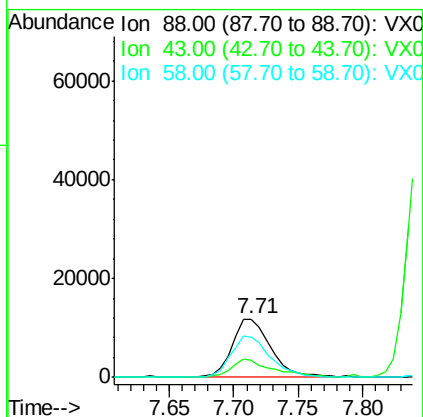
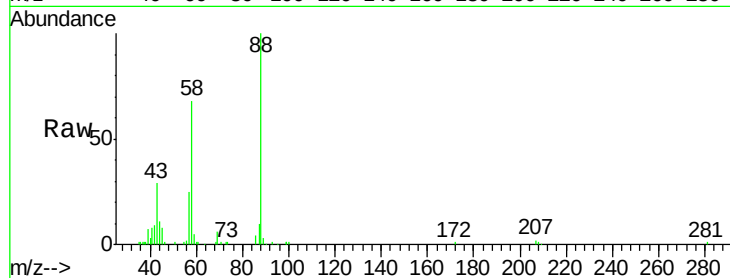
ClientSampleId :

VX0708WBS01

Tot Ion:	88	Resp:	24668
Ion	Ratio	Lower	Upper
88	100		
43	35.3	25.8	38.8
58	72.2	54.8	82.2

Manual Integrations
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#50

Toluene-d8

Concen: 48.309 ug/l

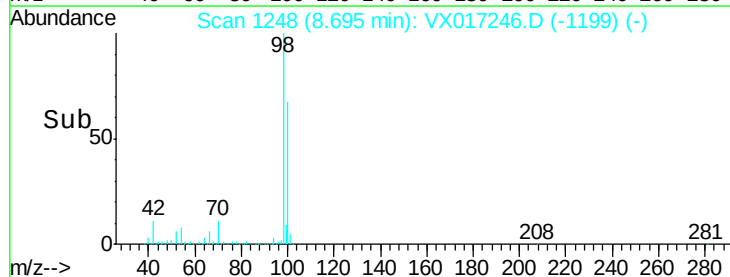
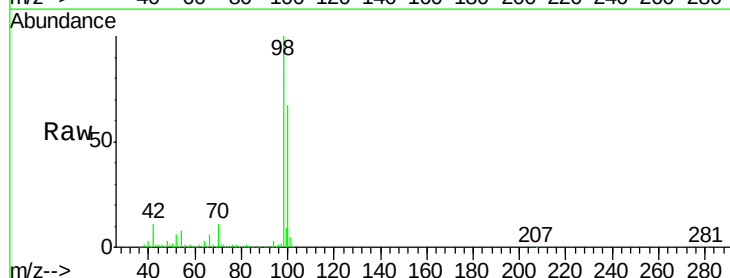
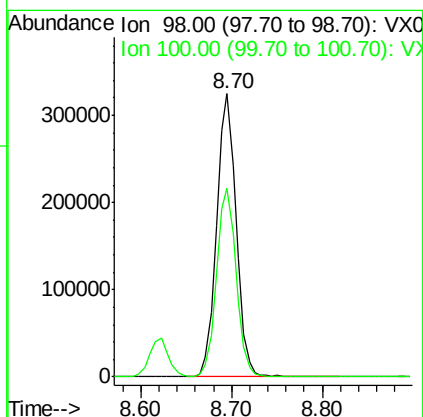
RT: 8.70 min Scan# 1248

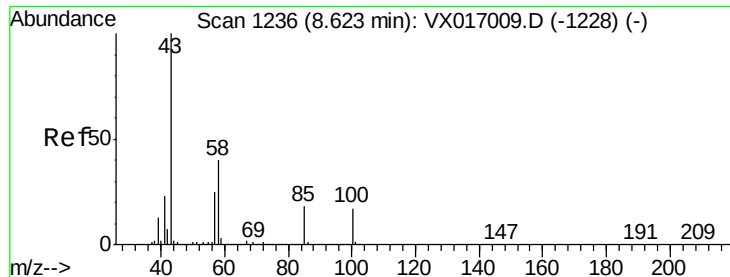
Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Tgt Ion:	98	Resp:	490310
Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.8	80.6





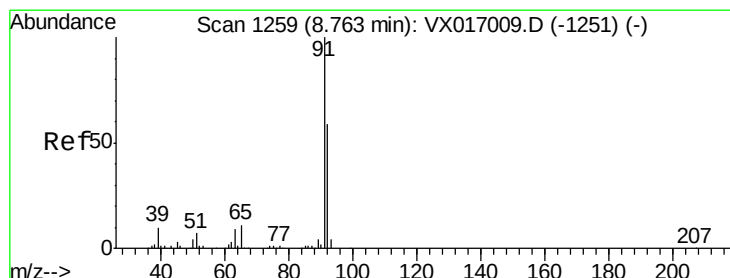
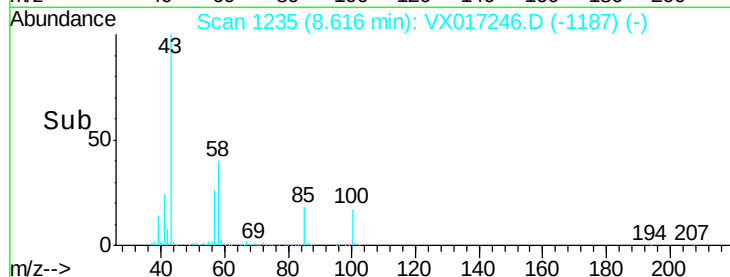
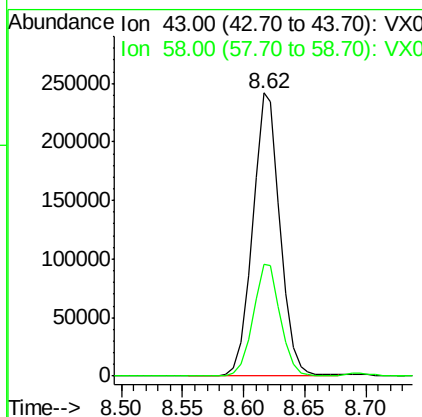
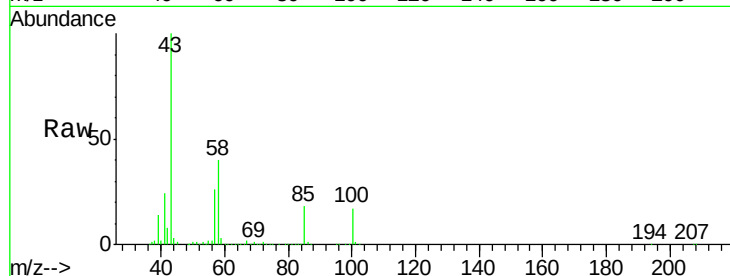
#51
4-Methyl-2-Pentanone
Concen: 91.203 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.9	47.9

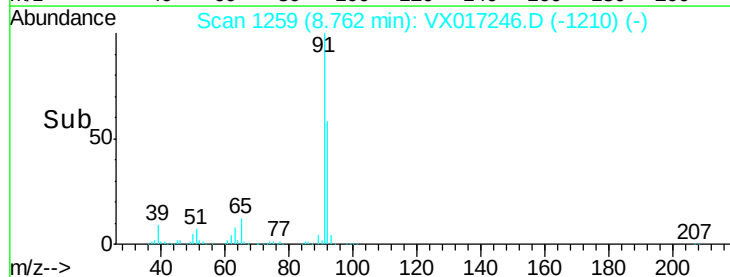
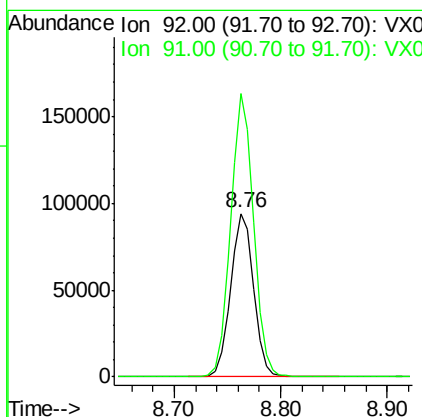
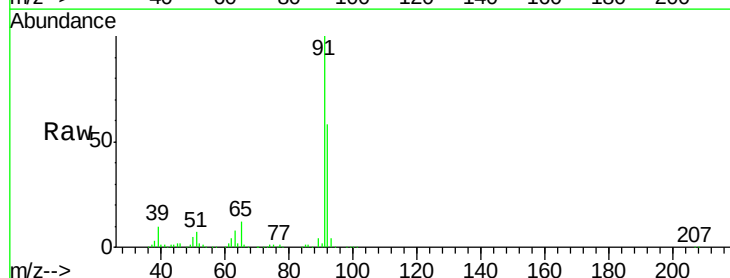
Manual Integrations
APPROVED

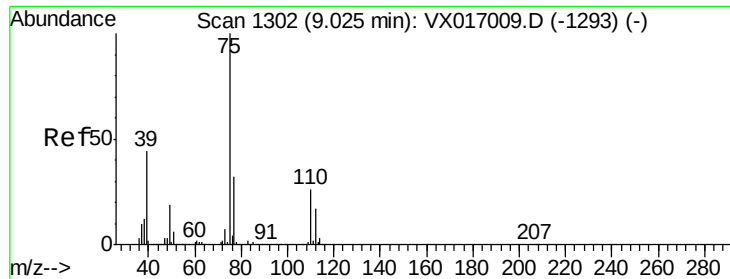
MMDadoda
7/9/2020 10:59:47 AM



#52
Toluene
Concen: 19.012 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.9	136.9	205.3





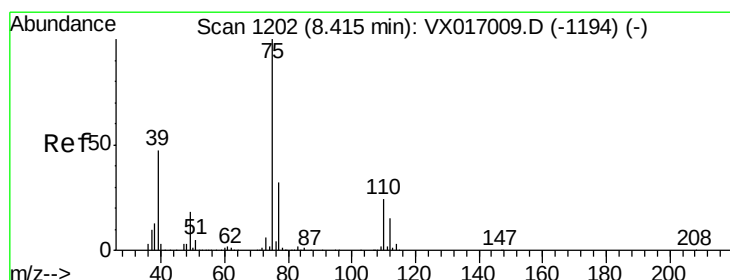
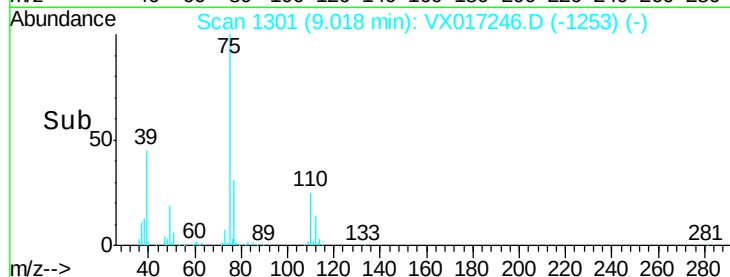
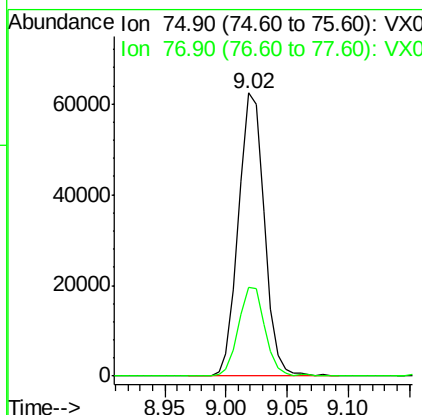
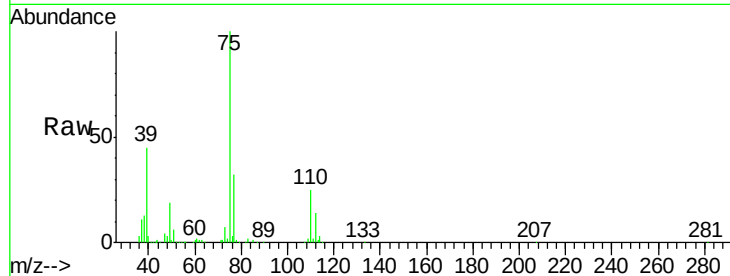
#53
t-1,3-Dichloropropene
Concen: 19.042 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion	75	Resp	91479
Ion Ratio	Lower	Upper	
75	100		
77	31.5	25.6	38.4

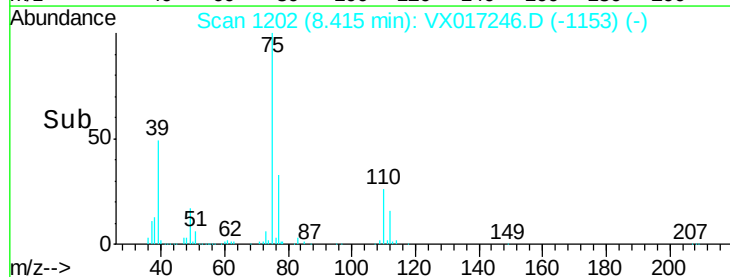
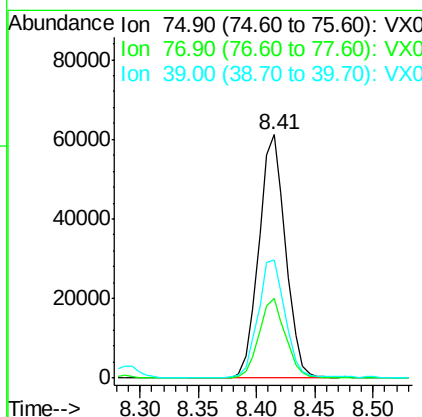
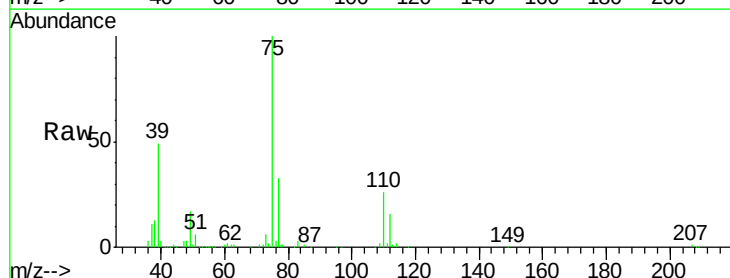
Manual Integrations
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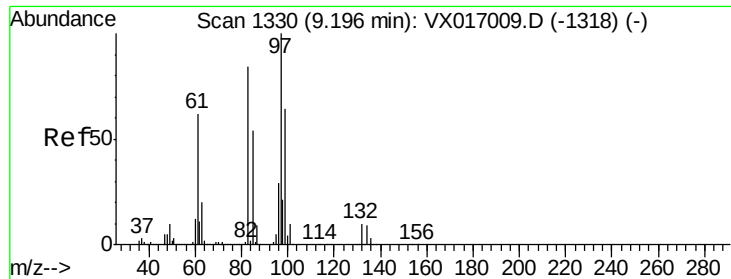
MMDadoda
7/9/2020 10:59:47 AM



#54
cis-1,3-Dichloropropene
Concen: 18.872 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	75	Resp	97188
Ion Ratio	Lower	Upper	
75	100		
77	32.8	25.2	37.8
39	48.4	37.4	56.2





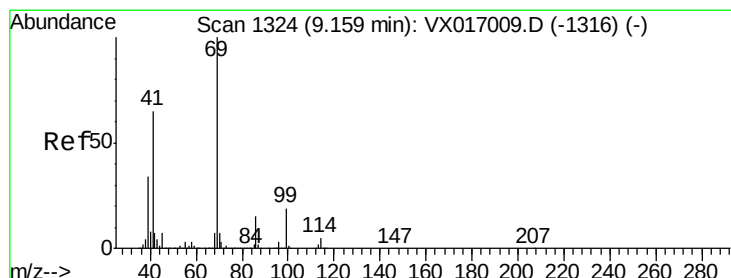
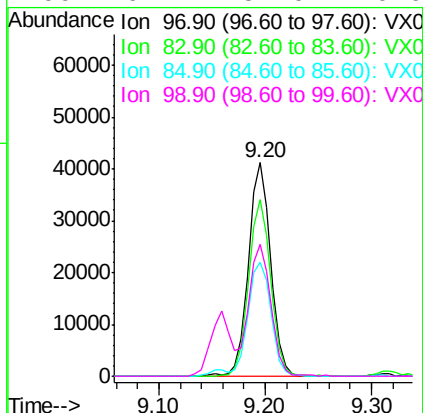
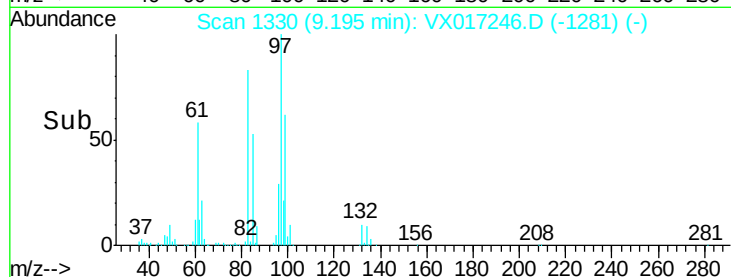
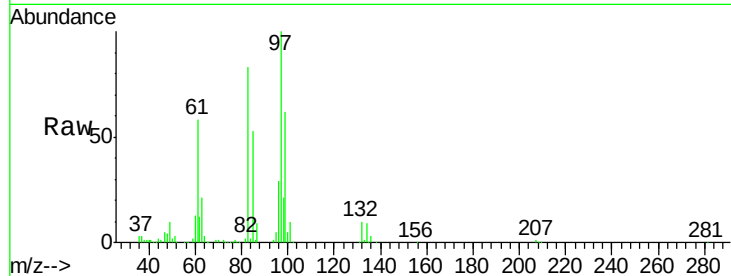
#55
 1,1,2-Trichloroethane
 Concen: 19.631 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		60336		
83	82.8	67.0	100.6		
85	53.3	43.5	65.3		
99	61.7	51.0	76.6		

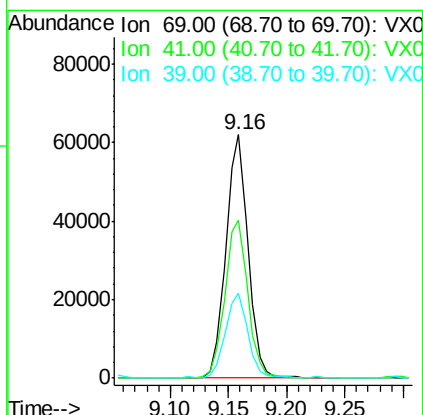
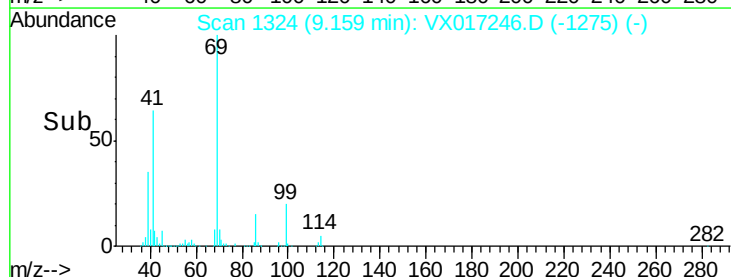
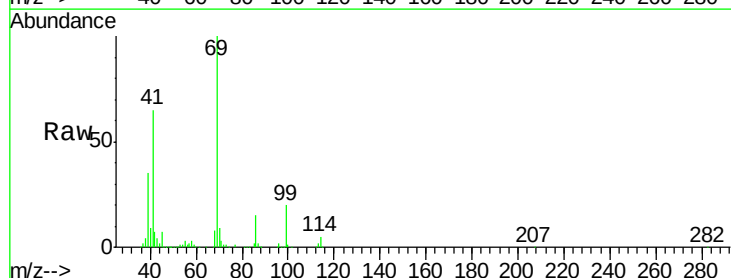
Manual Integrations
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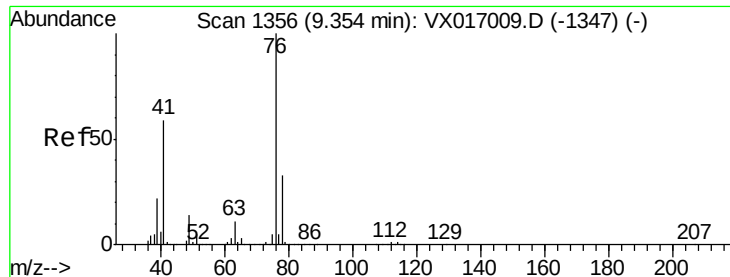
MMDadoda
 7/9/2020 10:59:47 AM



#56
 Ethyl methacrylate
 Concen: 18.688 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		81754		
41	66.5	53.6	80.4		
39	35.4	28.2	42.2		





#57

1,3-Dichloropropane

Concen: 18.926 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBS01

Tot Ion: 76 Resp: 98431

Ion Ratio Lower Upper

76 100

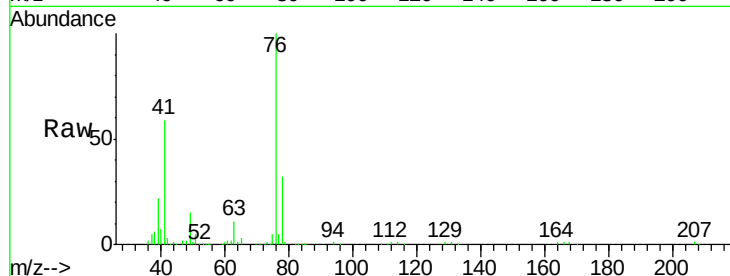
78 32.3 25.9 38.9

Manual Integrations

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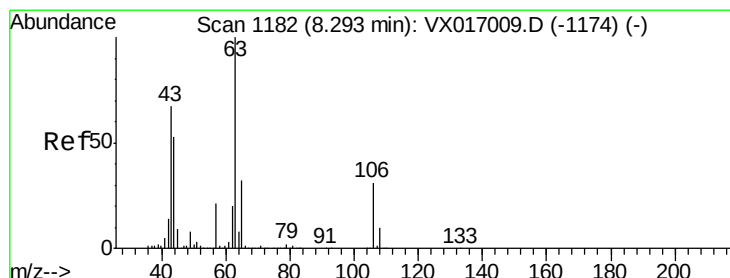
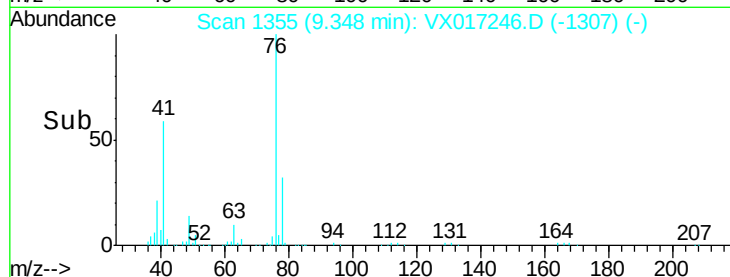
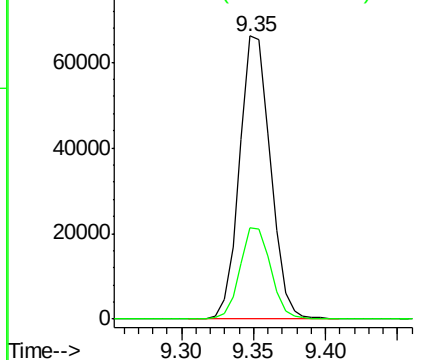
MMDadoda

7/9/2020 10:59:47 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.244 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017246.D

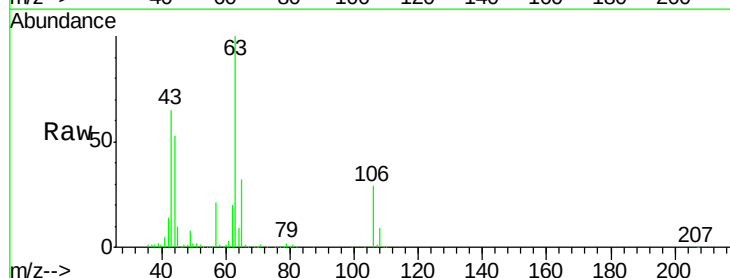
Acq: 08 Jul 2020 11:32

Tgt Ion: 63 Resp: 209546

Ion Ratio Lower Upper

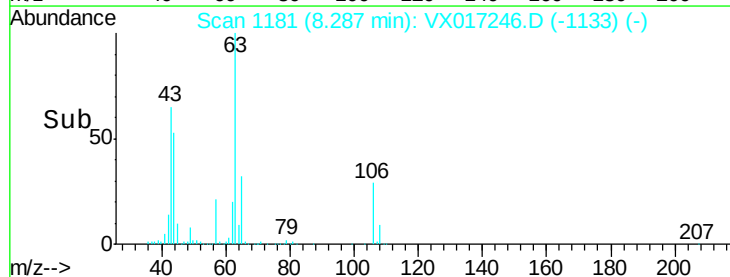
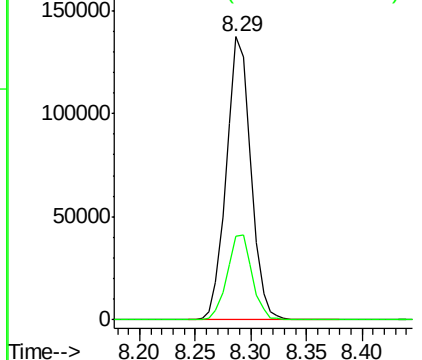
63 100

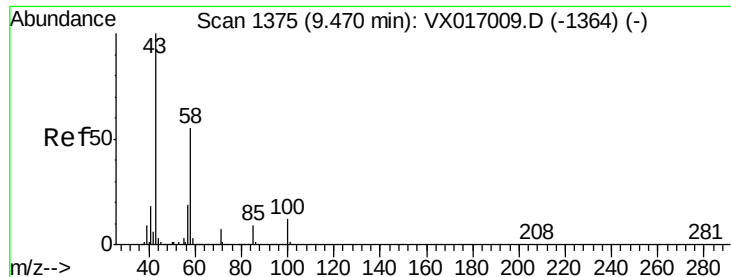
106 30.4 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





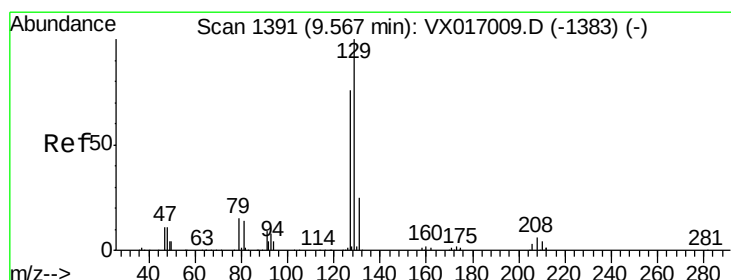
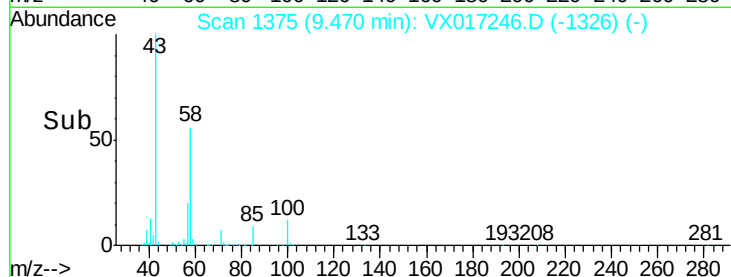
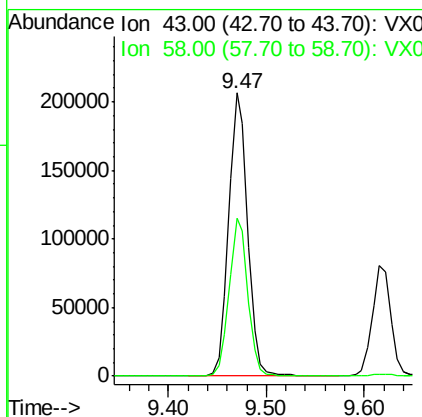
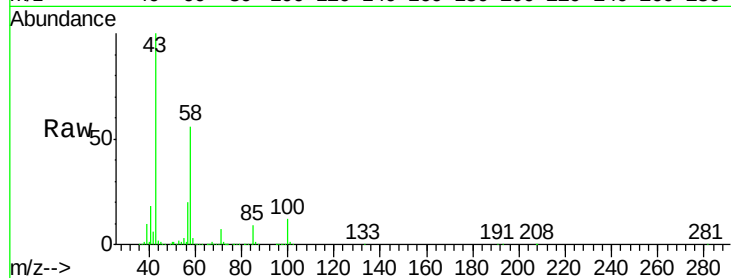
#59
2-Hexanone
Concen: 91.583 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	27.9	83.6

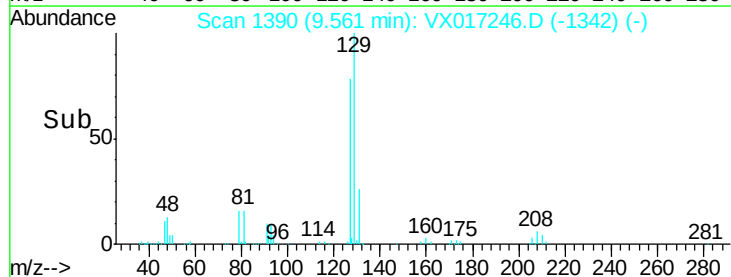
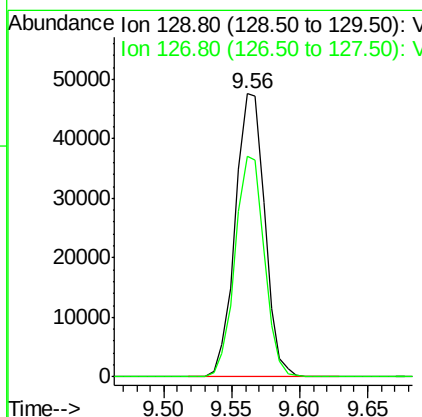
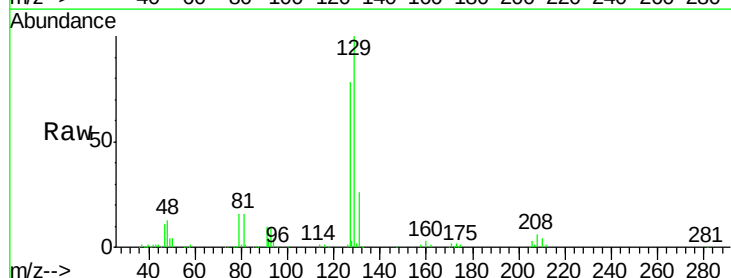
Manual Integrations
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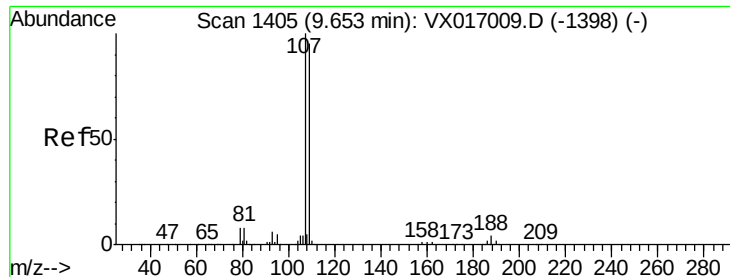
MMDadoda
7/9/2020 10:59:47 AM



#60
Dibromochloromethane
Concen: 20.207 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	38.9	116.7





#61

1,2-Dibromoethane

Concen: 19.428 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS01

Tot Ion:107 Resp: 64185

Ion Ratio Lower Upper

107 100

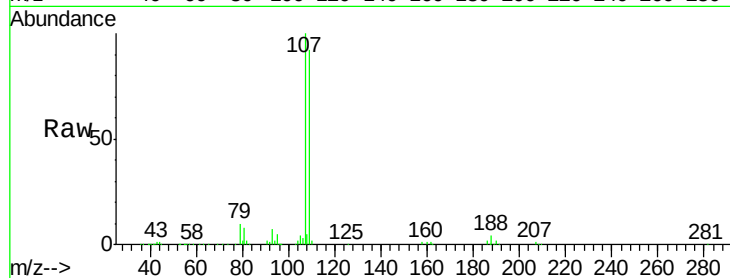
109 93.4 75.8 113.8

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

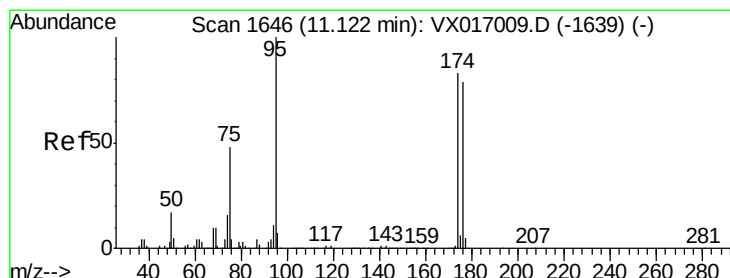
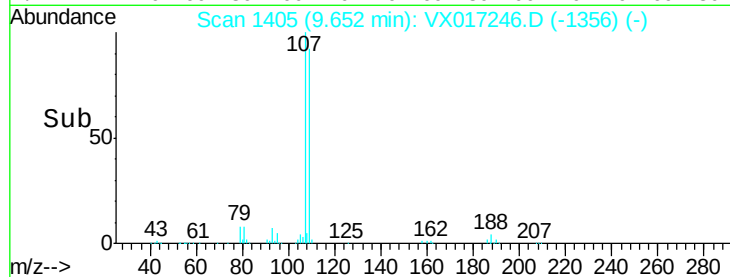
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.666 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

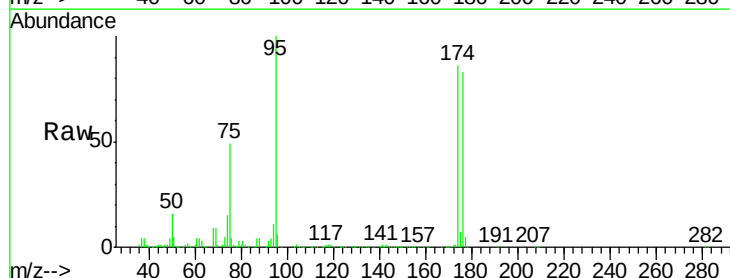
Tgt Ion: 95 Resp: 189114

Ion Ratio Lower Upper

95 100

174 87.1 0.0 164.0

176 81.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

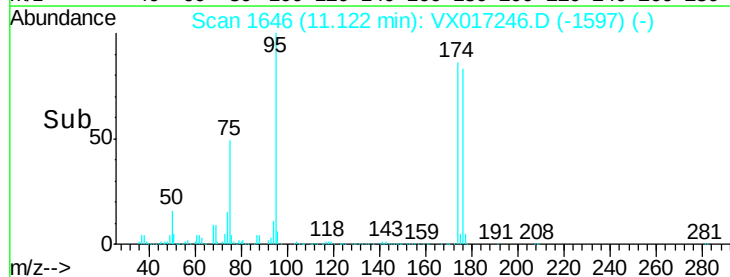
150000

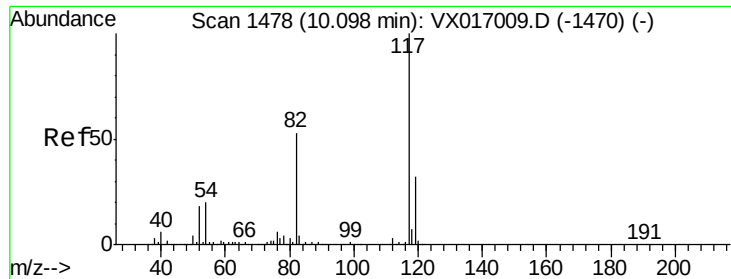
100000

50000

0

Time-->





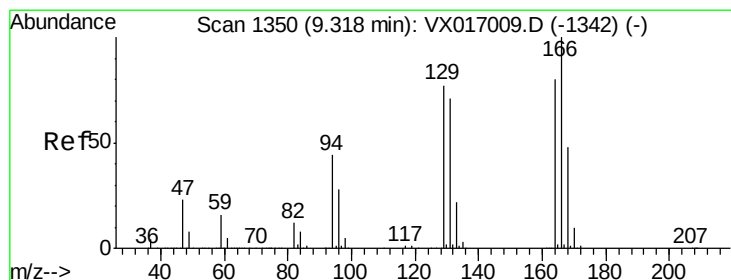
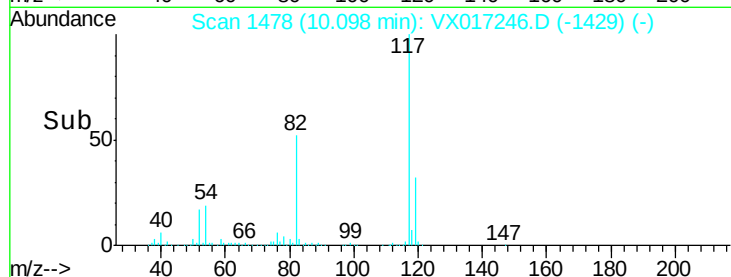
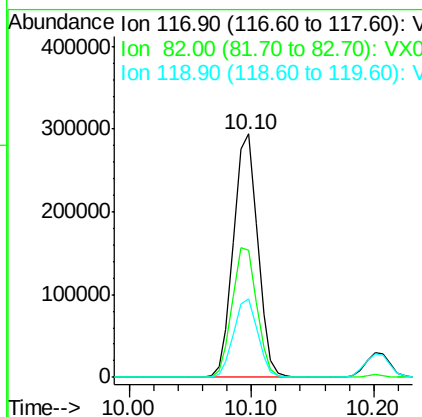
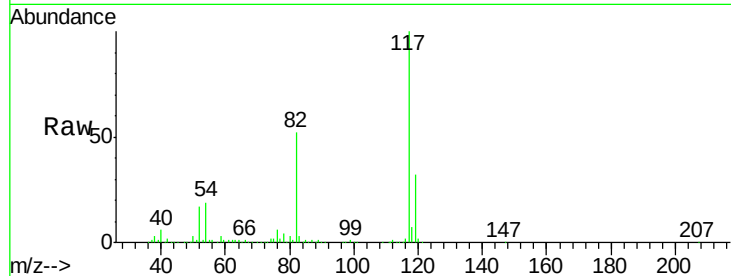
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	401634		
82	52.1		42.6	63.8
119	32.5		25.4	38.2

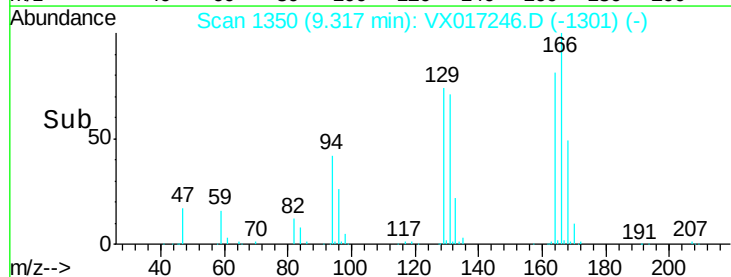
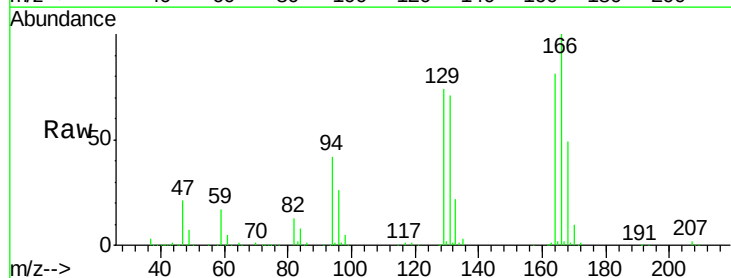
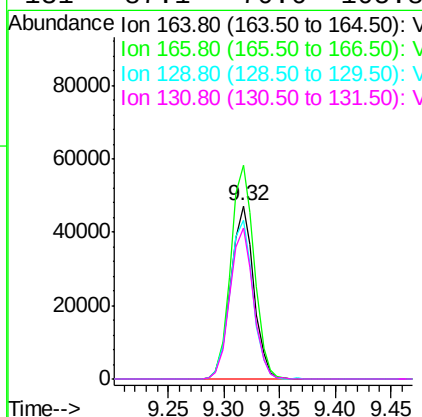
Manual Integrations
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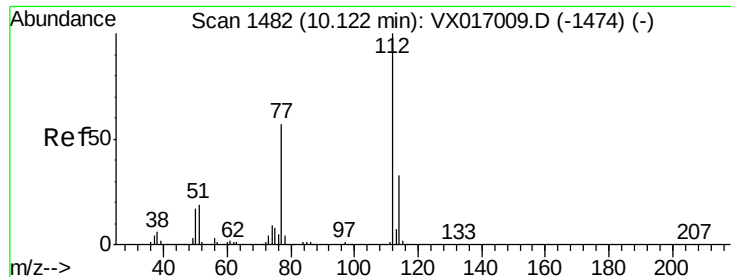
MMDadoda
7/9/2020 10:59:47 AM



#64
Tetrachloroethene
Concen: 20.832 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	67527		
166	123.4		99.4	149.0
129	91.7		76.3	114.5
131	87.1		70.6	105.8





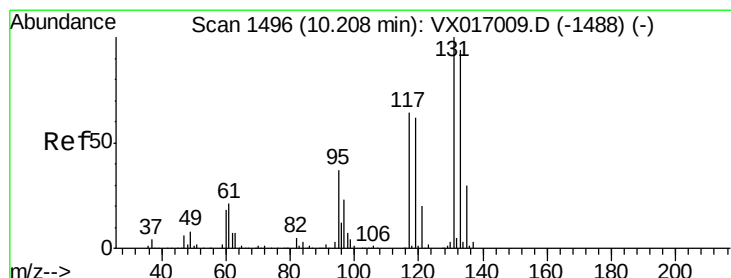
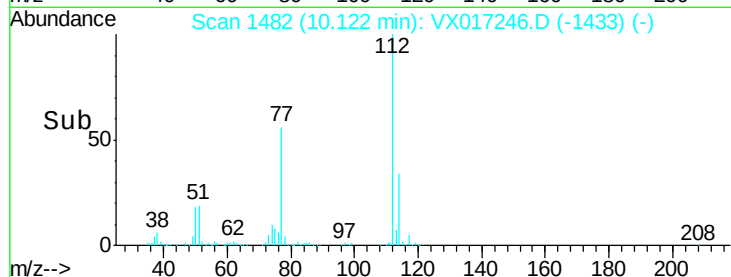
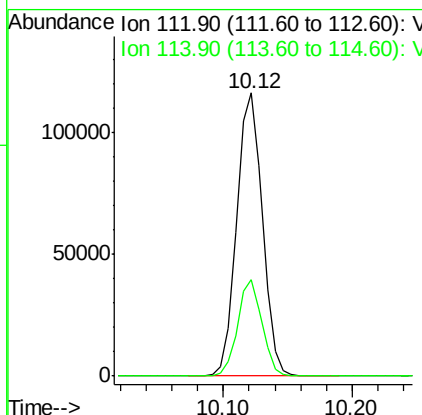
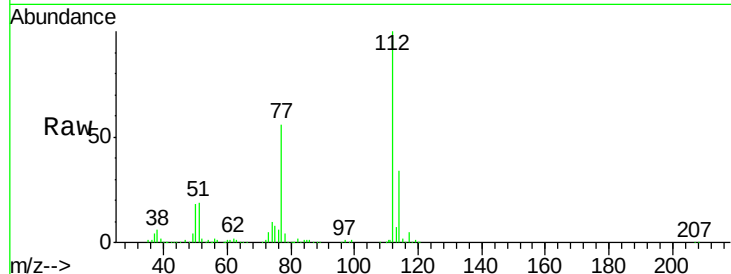
#65
Chlorobenzene
Concen: 19.437 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	34.2	26.2	39.4

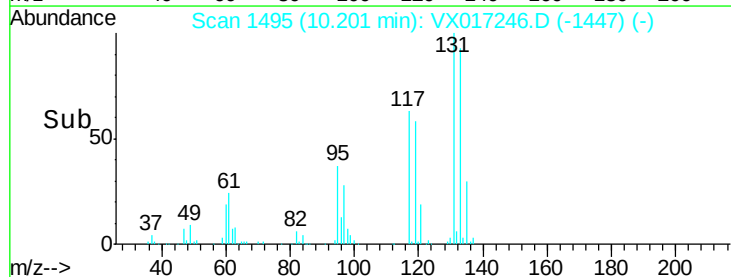
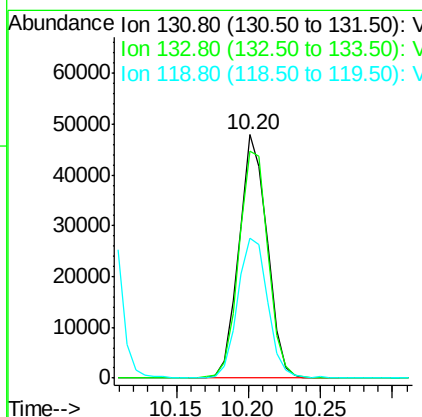
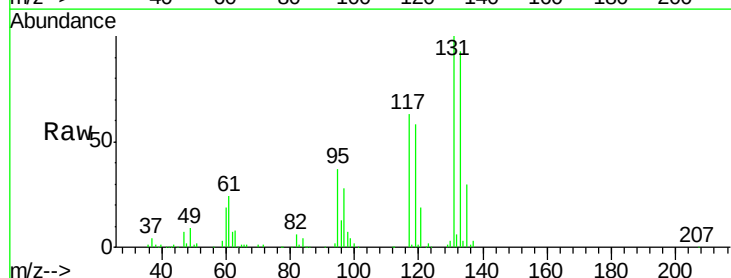
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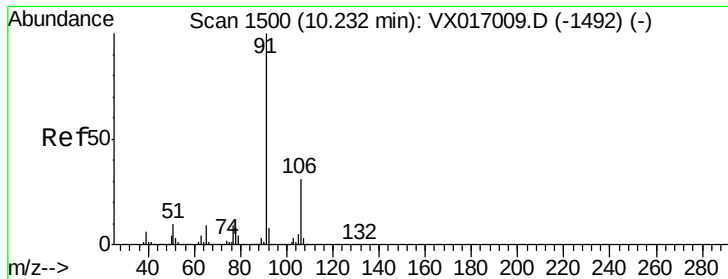
MMDadoda
7/9/2020 10:59:47 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.320 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.3	141.9
119	61.8	31.9	95.5





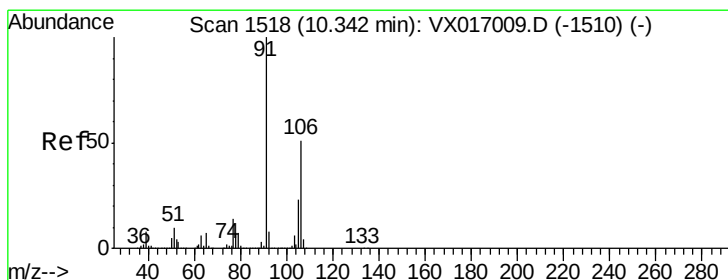
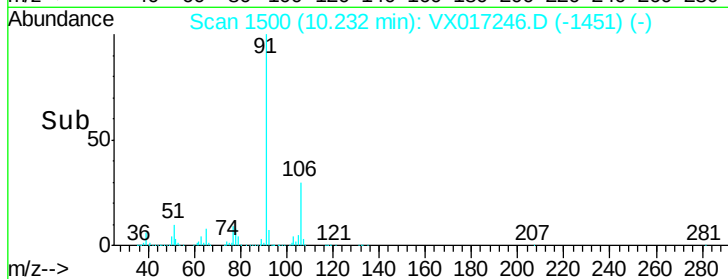
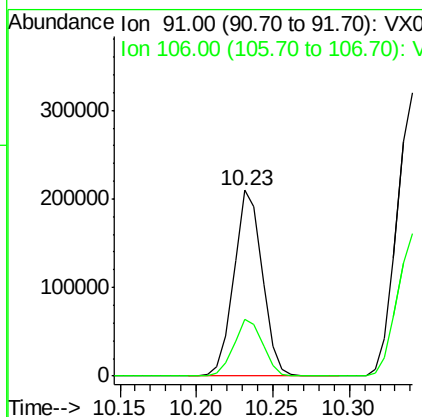
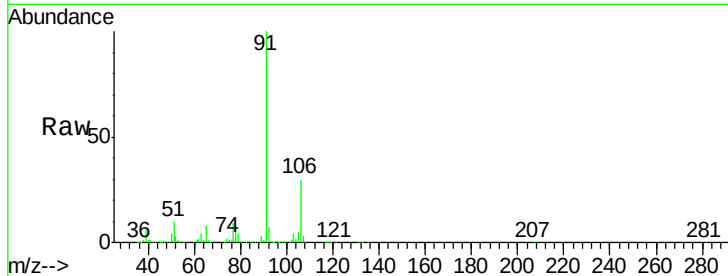
#67
Ethyl Benzene
Concen: 19.493 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion: 91 Resp: 269857
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1

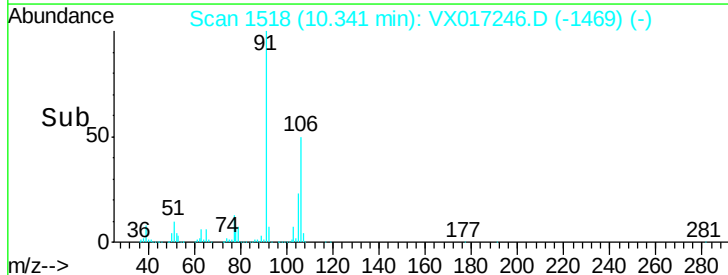
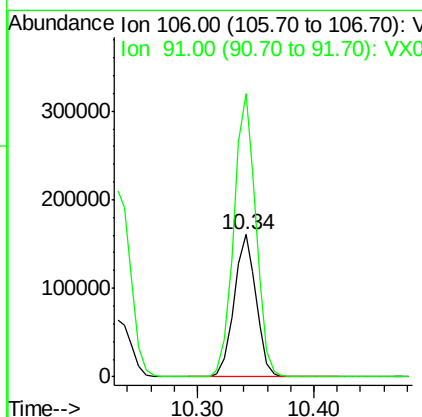
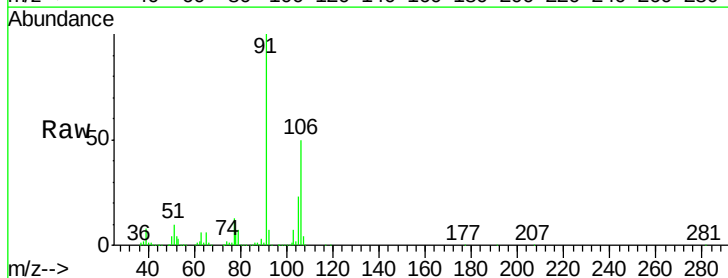
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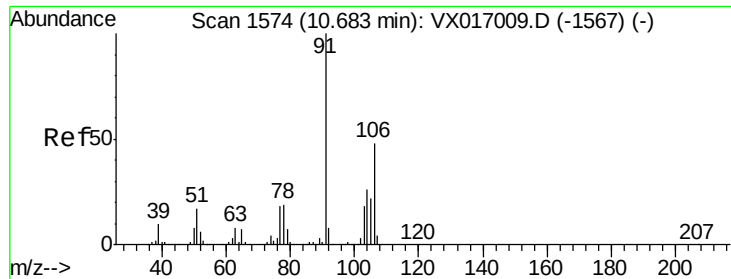
MMDadoda
7/9/2020 10:59:47 AM



#68
m/p-Xylenes
Concen: 39.716 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion: 106 Resp: 211109
Ion Ratio Lower Upper
106 100
91 199.3 158.6 238.0





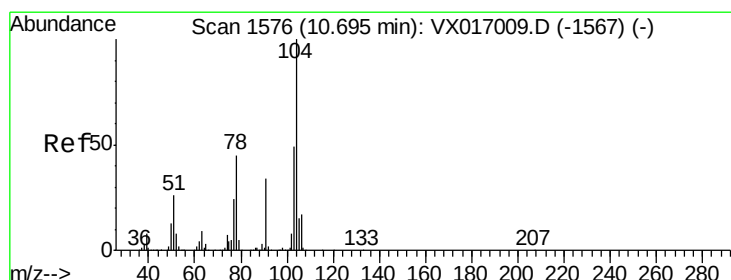
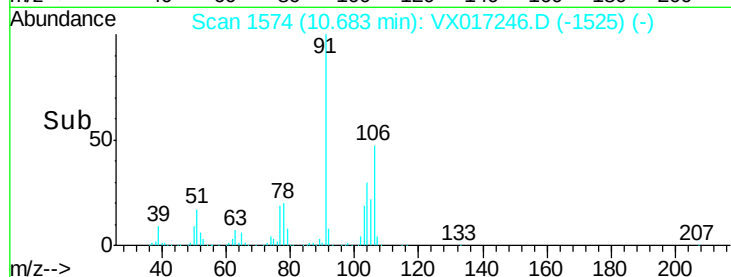
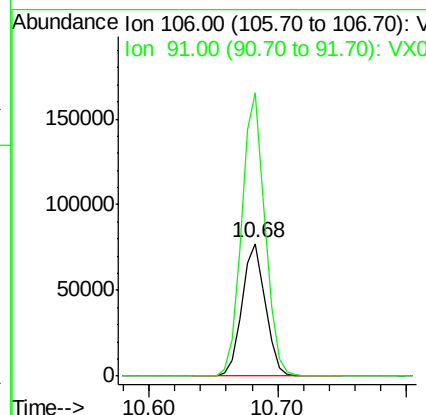
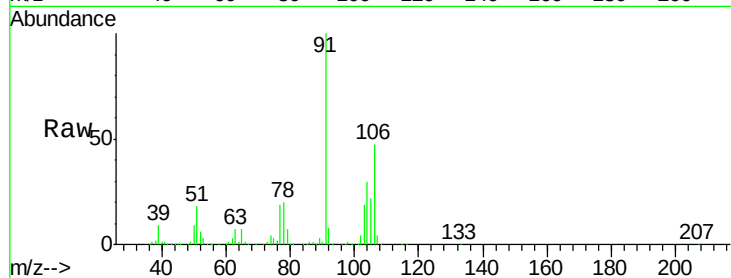
#69
o-Xylene
Concen: 19.308 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		97631		
91	212.5	105.6	316.7		

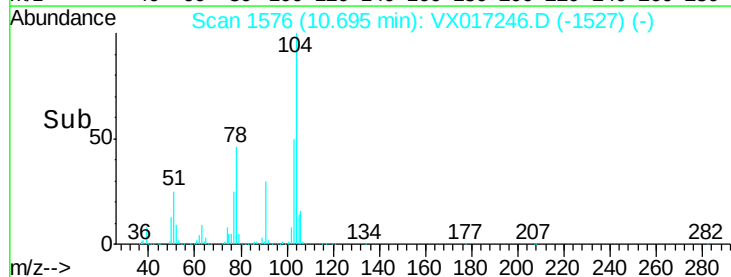
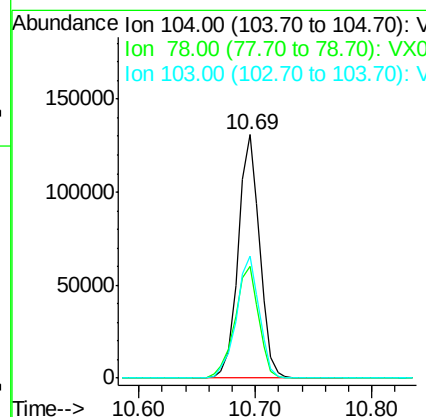
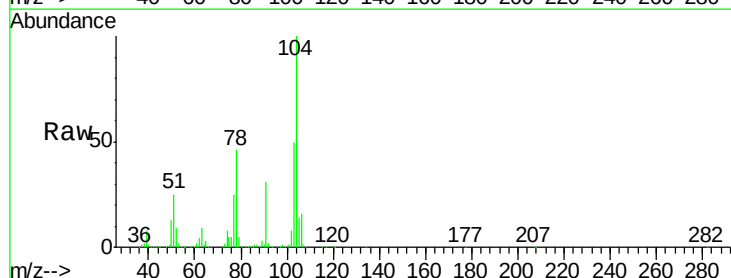
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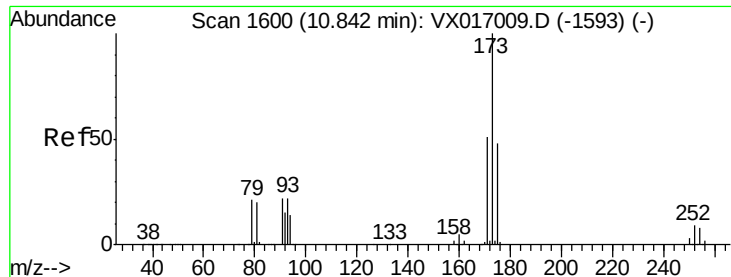
MMDadoda
7/9/2020 10:59:47 AM



#70
Styrene
Concen: 19.512 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		168017		
78	51.4	39.5	59.3		
103	53.6	43.0	64.6		





#71

Bromoform

Concen: 20.781 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS01

Tot Ion:173 Resp: 52646

Ion Ratio Lower Upper

173 100

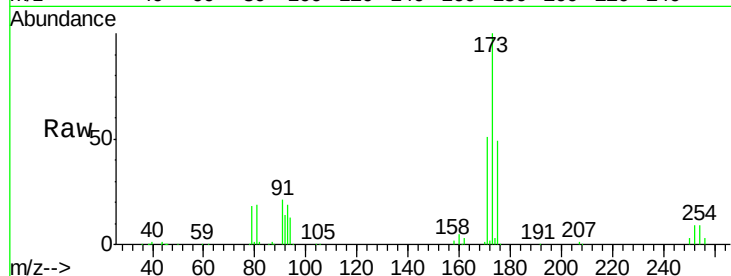
175 48.6 24.5 73.5

254 0.2 0.1 0.1#

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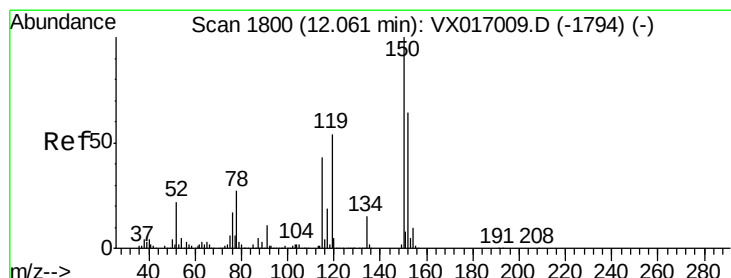
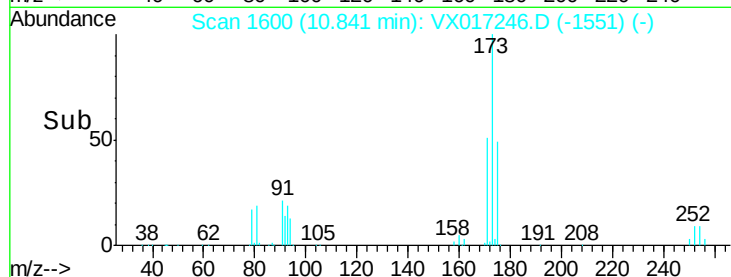
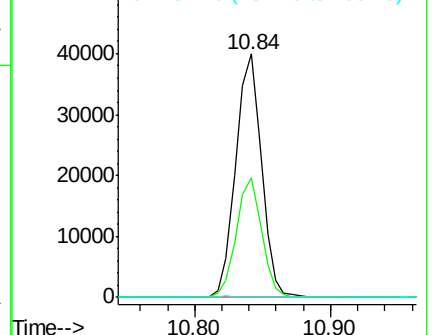
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

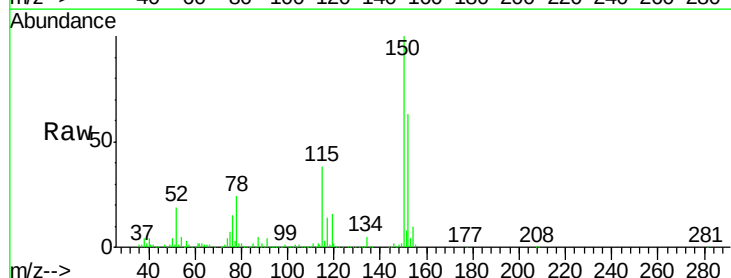
Tgt Ion:152 Resp: 224720

Ion Ratio Lower Upper

152 100

115 66.4 40.9 122.7

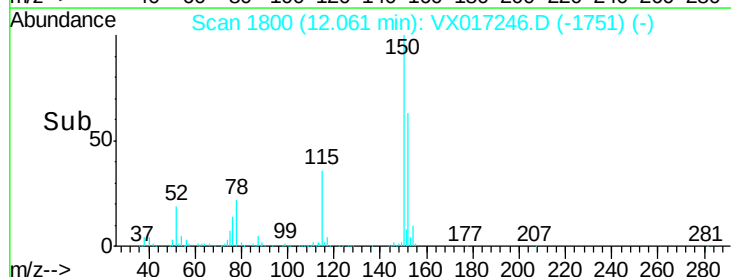
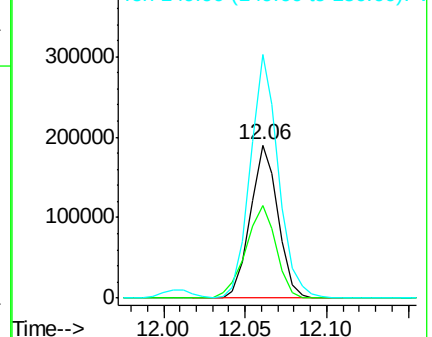
150 161.8 0.0 351.6

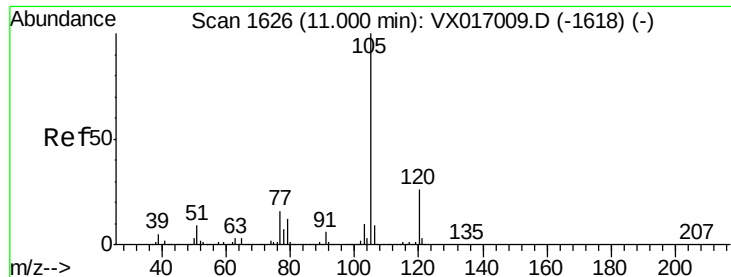


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.436 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

ClientSampled :

VX0708WBS01

Tot Ion:105 Resp: 271364

Ion Ratio Lower Upper

105 100

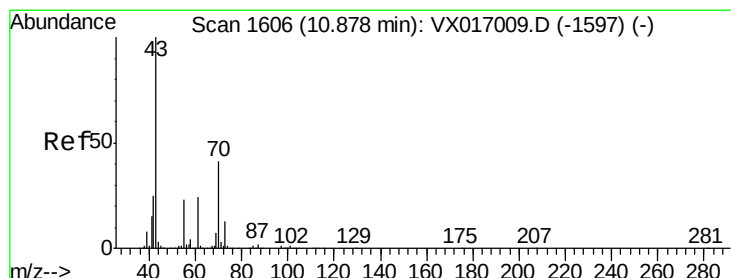
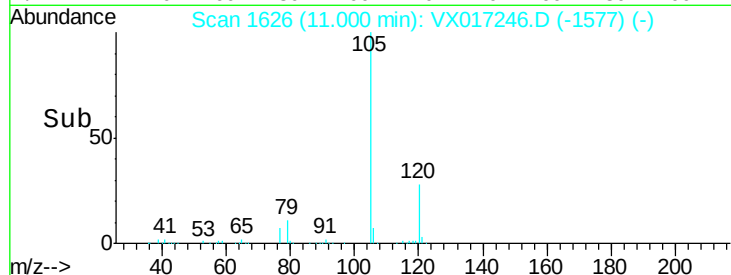
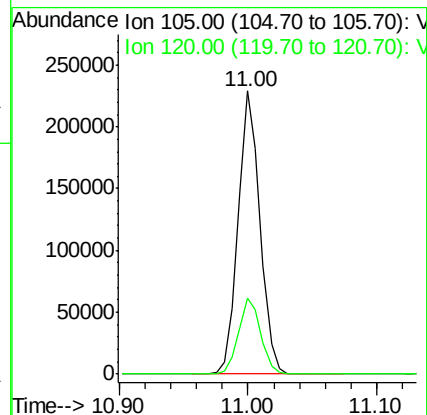
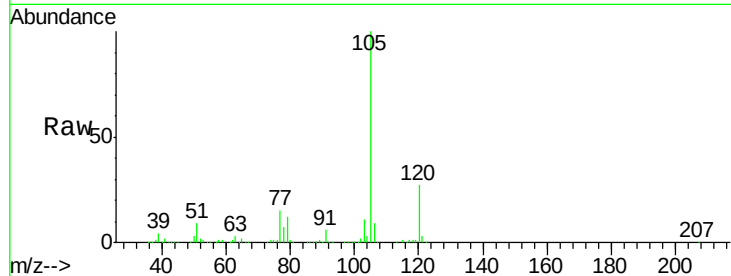
120 27.2 13.4 40.2

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#74

N-ethyl acetate

Concen: 16.876 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Tgt Ion: 43 Resp: 105994

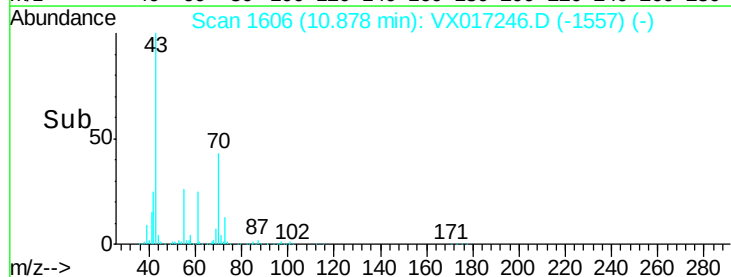
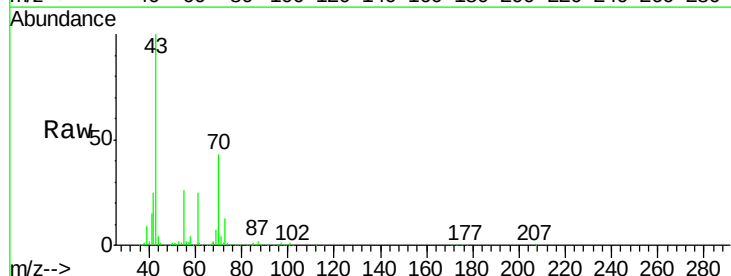
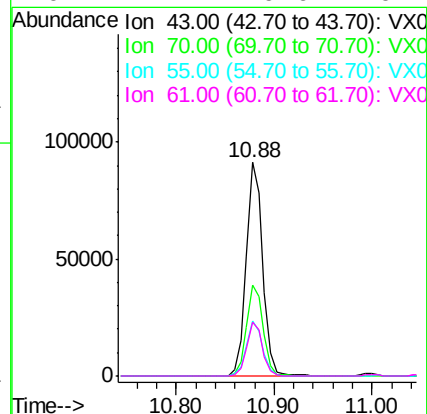
Ion Ratio Lower Upper

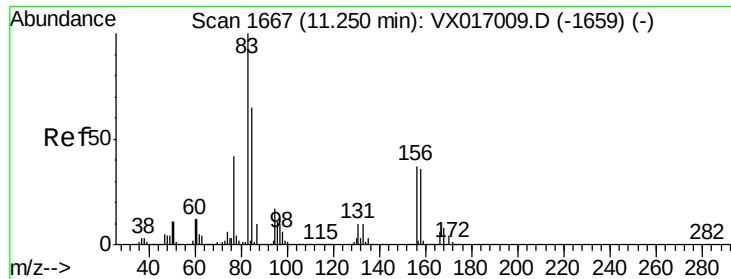
43 100

70 43.2 34.2 51.2

55 25.7 19.2 28.8

61 24.2 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.811 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

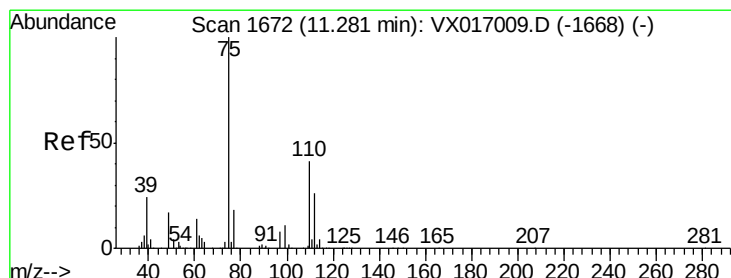
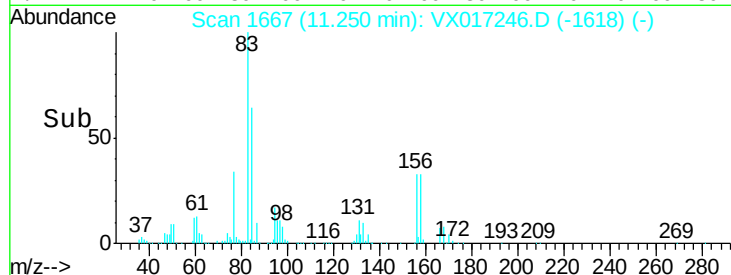
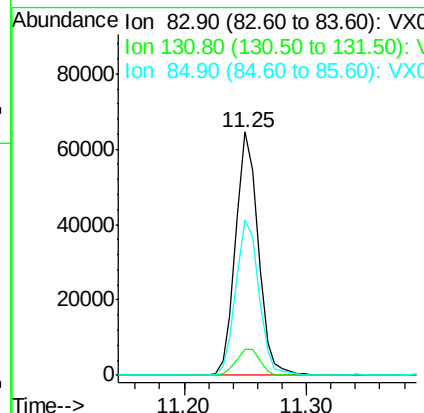
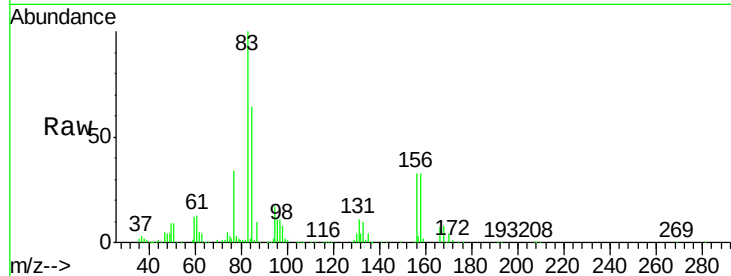
ClientSampleId :

VX0708WBS01

Tot Ion	83	Resp	82466
Ion Ratio	100	Lower	Upper
83	100		
131	11.7	5.4	16.2
85	65.5	31.9	95.9

Manual Integrations
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7/9/2020 10:59:47 AM



#76

1,2,3-Trichloropropane

Concen: 18.314 ug/l m

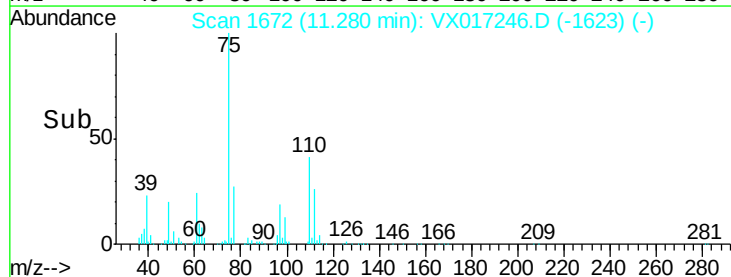
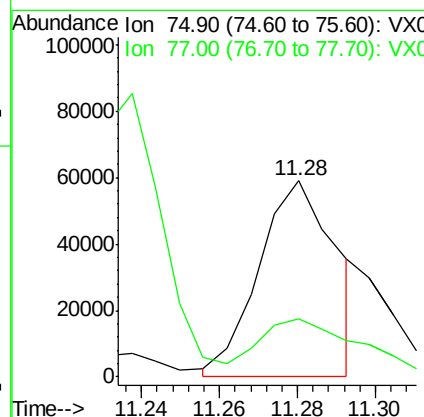
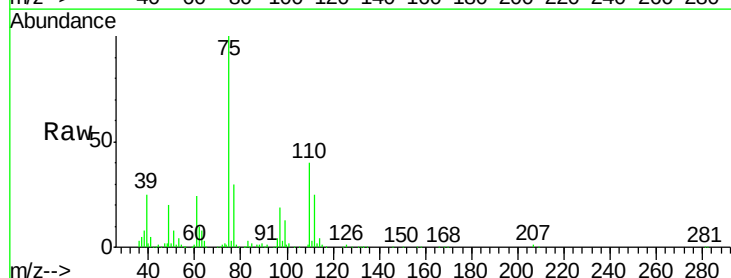
RT: 11.28 min Scan# 1672

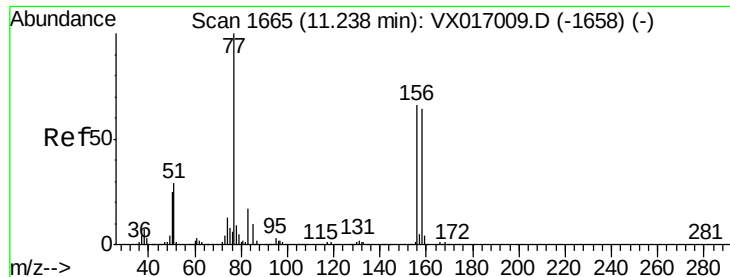
Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Tgt Ion	75	Resp	80931
Ion Ratio	100	Lower	Upper
75	100		
77	38.6	20.2	60.6





#77

Bromobenzene

Concen: 18.672 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Instrument :

MSVOA_X

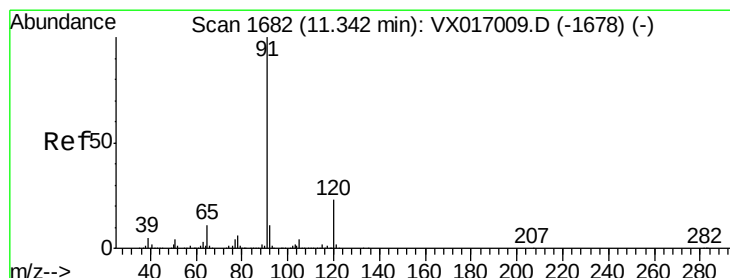
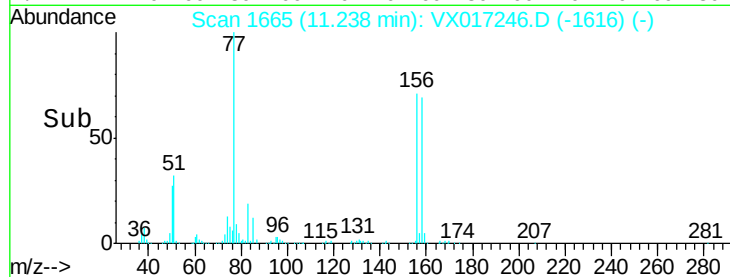
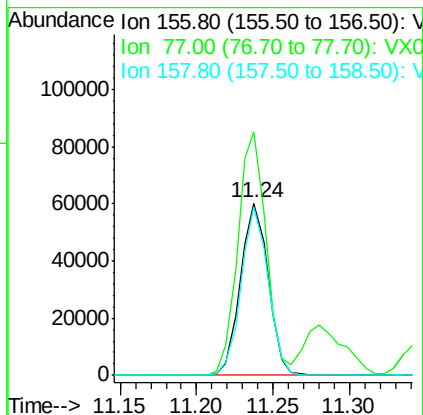
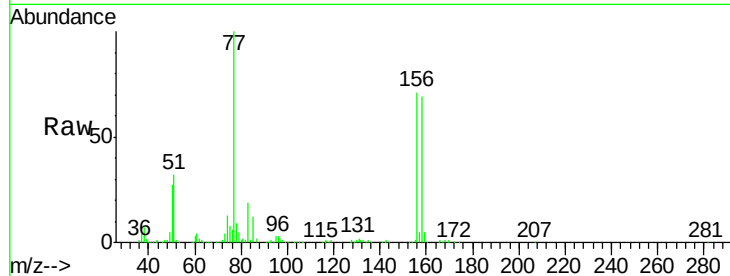
ClientSampleId :

VX0708WBS01

Tot Ion:	156	Resp:	75537
Ion Ratio	Lower	Upper	
156	100		
77	145.1	76.9	230.7
158	95.9	47.9	143.6

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#78

n-propylbenzene

Concen: 18.466 ug/l

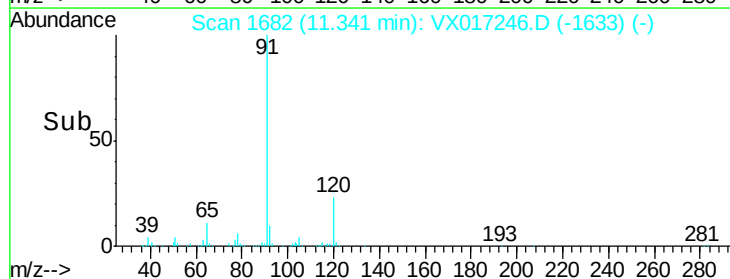
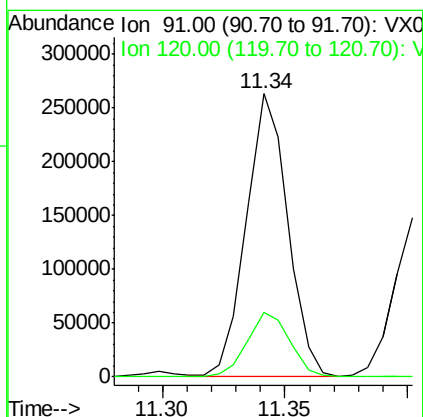
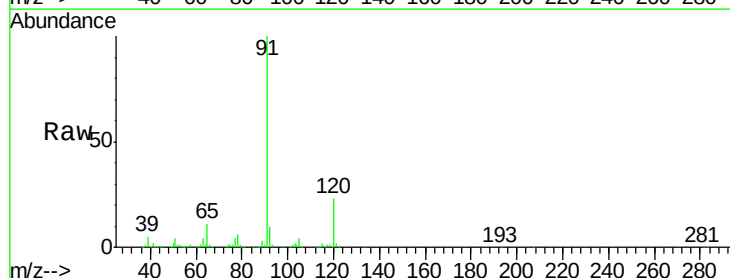
RT: 11.34 min Scan# 1682

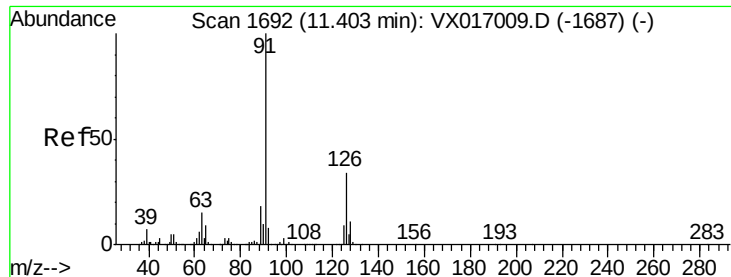
Delta R.T. -0.00 min

Lab File: VX017246.D

Acq: 08 Jul 2020 11:32

Tgt Ion:	91	Resp:	307365
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9





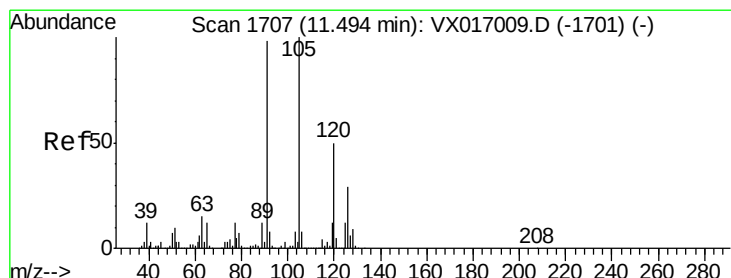
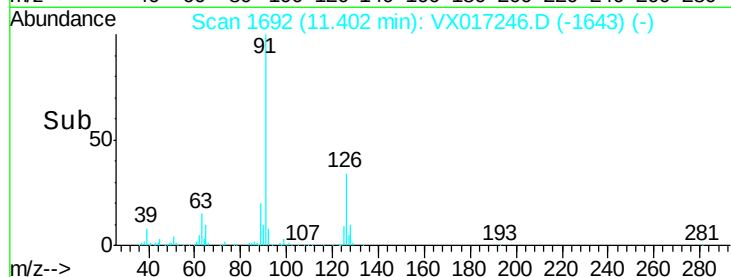
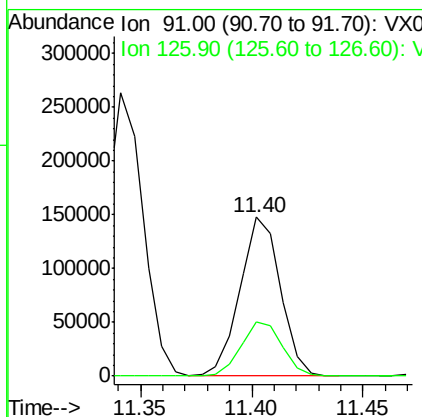
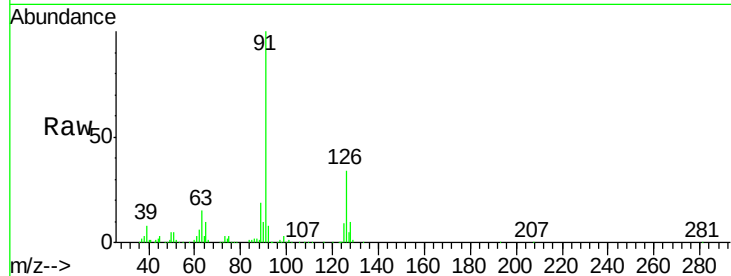
#79
2-Chlorotoluene
Concen: 18.478 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.4	52.3

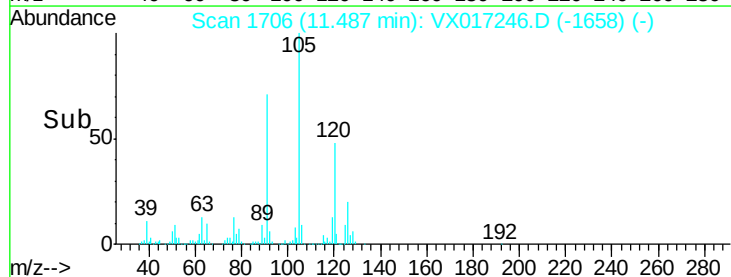
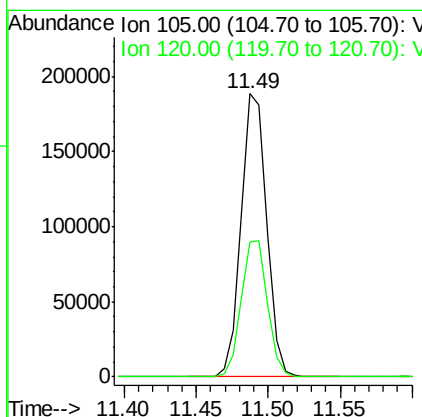
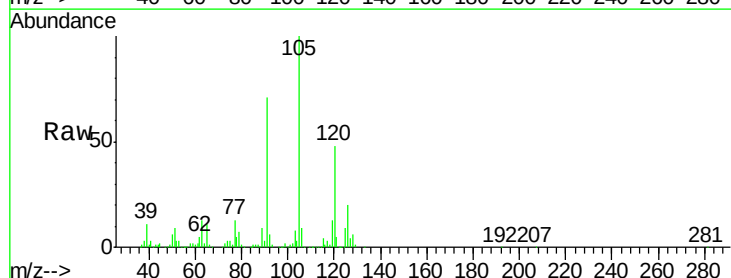
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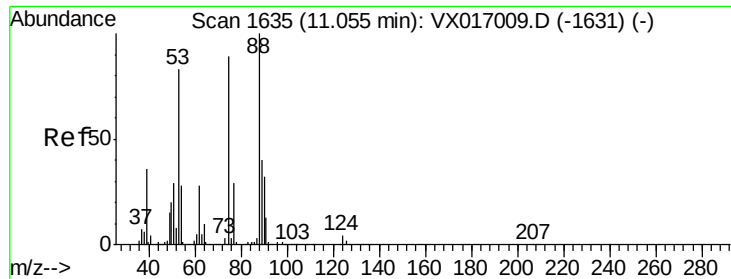
MMDadoda
7/9/2020 10:59:47 AM



#80
1,3,5-Trimethylbenzene
Concen: 18.955 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.5	24.9	74.6





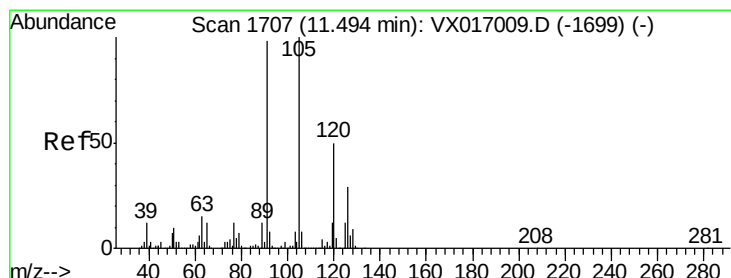
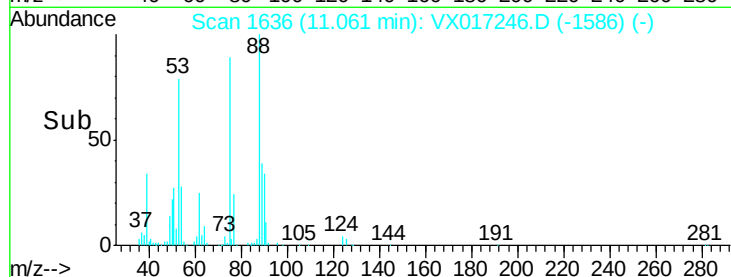
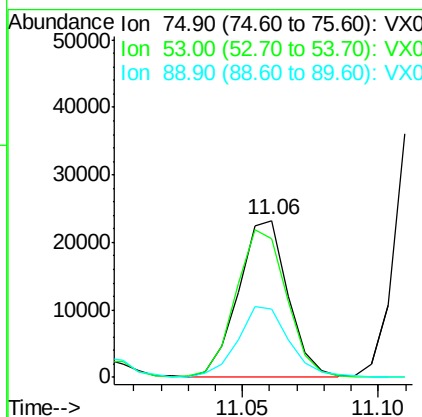
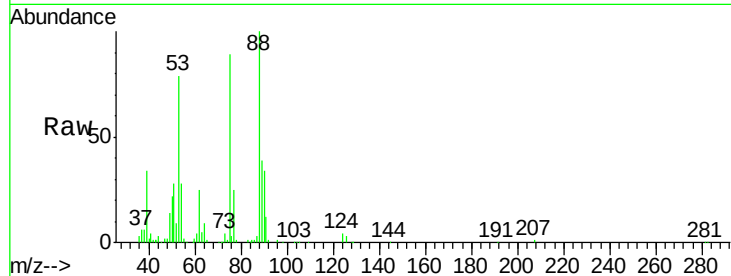
#81
trans-1,4-Dichloro-2-butene
Concen: 17.108 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.7	72.4	108.6
89	47.3	37.0	55.4

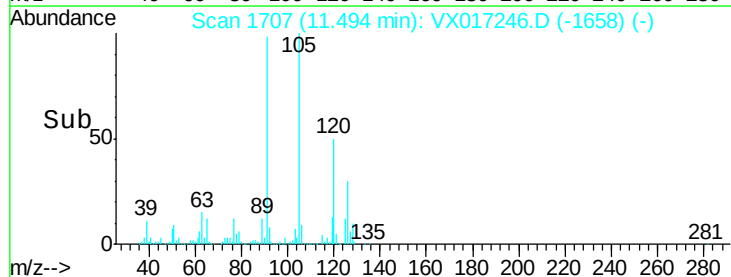
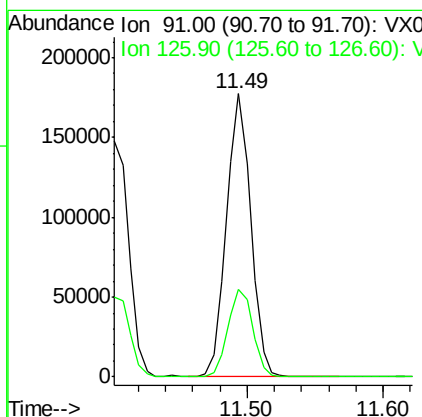
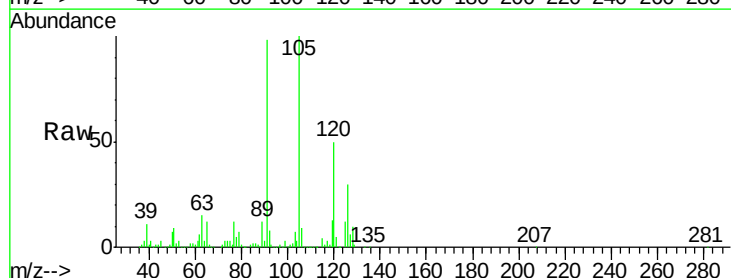
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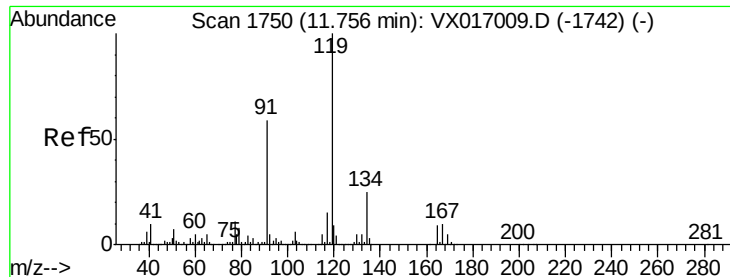
MMDadoda
7/9/2020 10:59:47 AM



#82
4-Chlorotoluene
Concen: 18.217 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.2	45.5





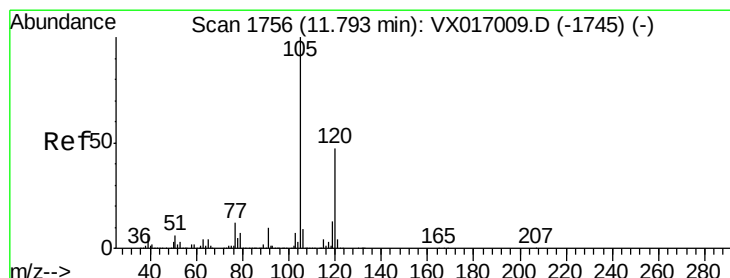
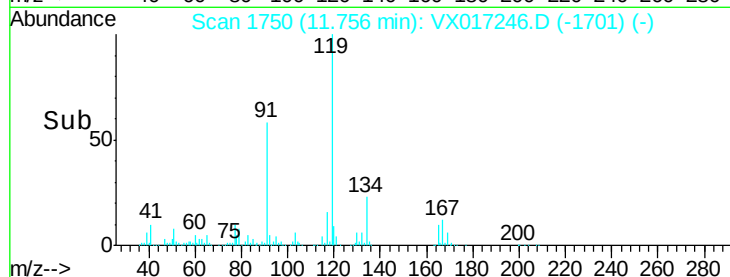
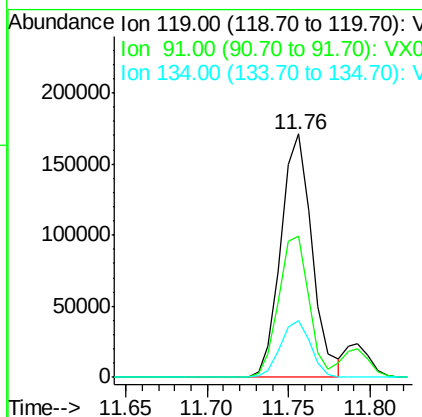
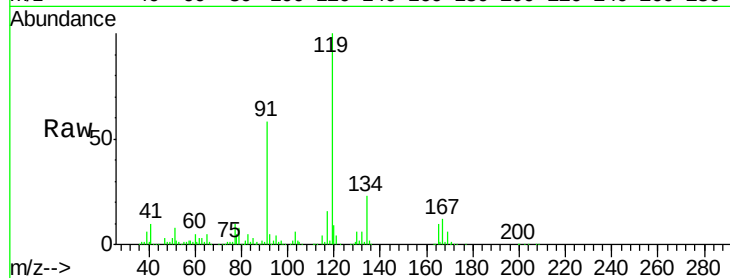
#83
 tert-Butylbenzene
 Concen: 18.812 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	225474		
91	56.3		28.3	84.9
134	22.6		11.7	35.1

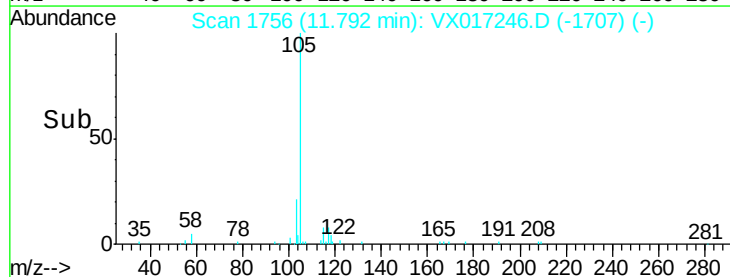
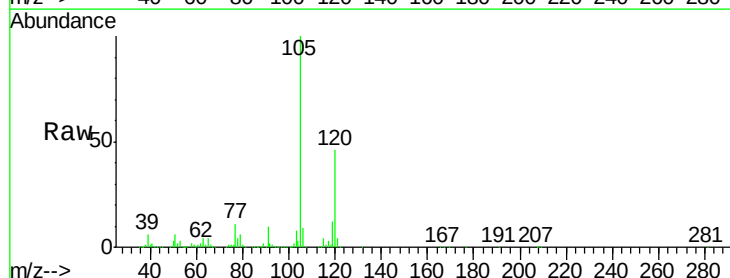
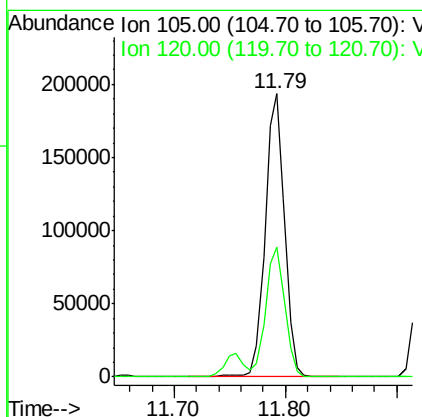
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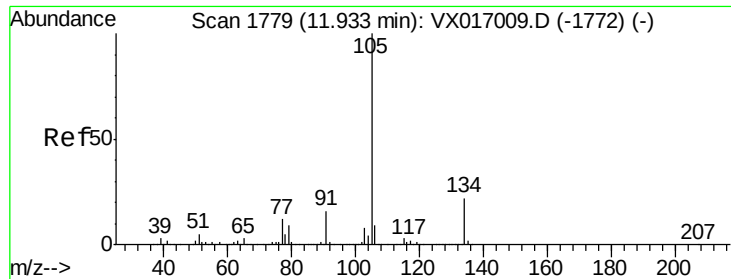
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.011 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235479		
120	45.5		22.9	68.5





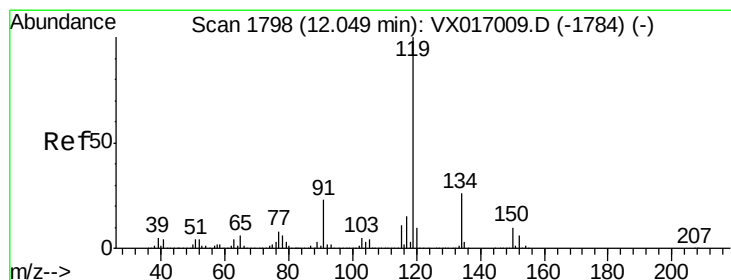
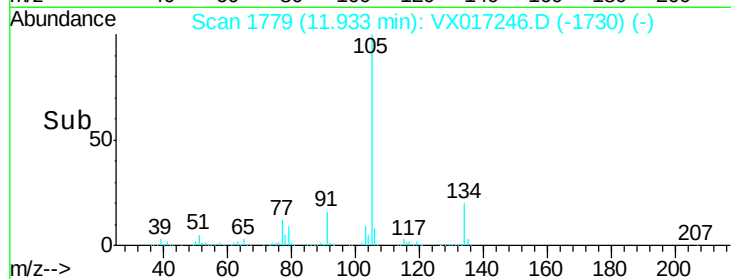
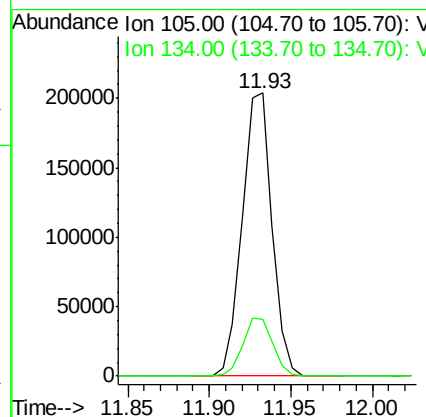
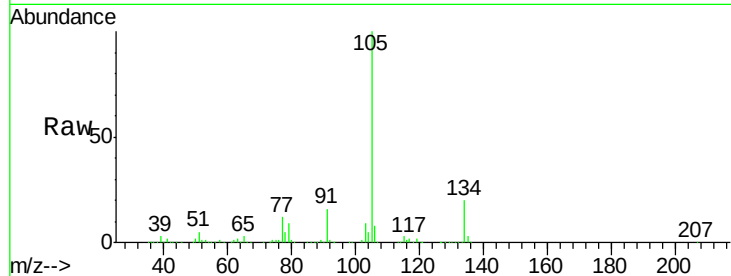
#85
 sec-Butylbenzene
 Concen: 18.397 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	259182		
134	20.7	10.5	31.6	

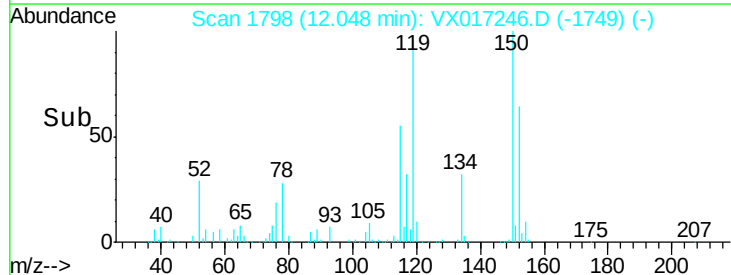
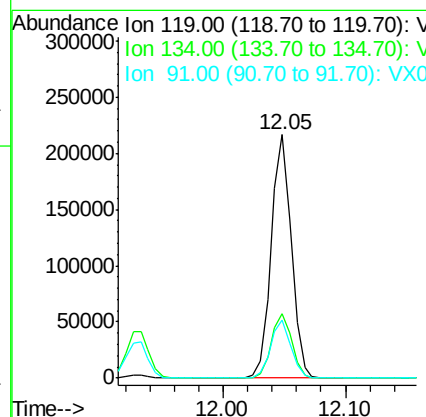
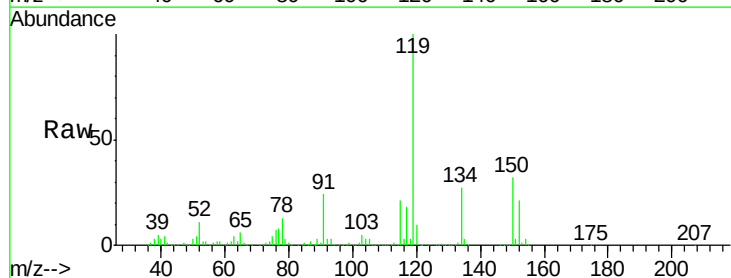
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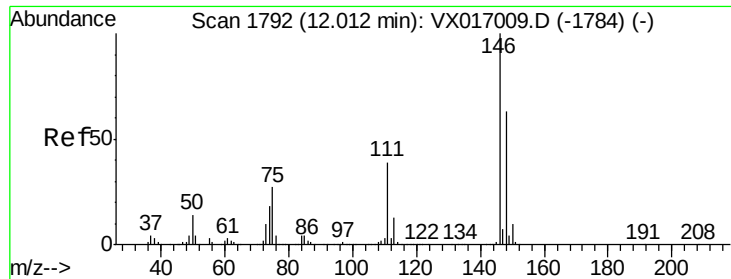
MMDadoda
 7/9/2020 10:59:47 AM



#86
 p-Isopropyltoluene
 Concen: 18.917 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	248105		
134	27.0	13.2	39.5	
91	24.0	11.8	35.4	





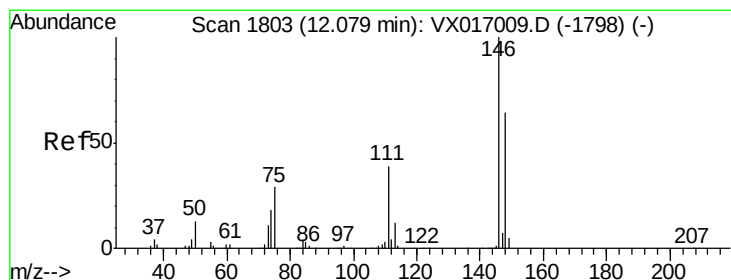
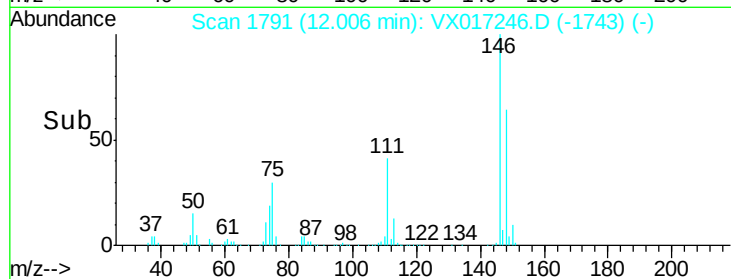
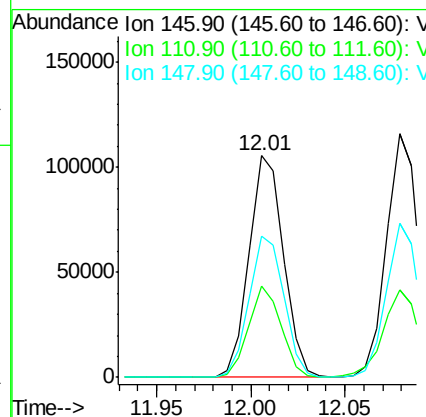
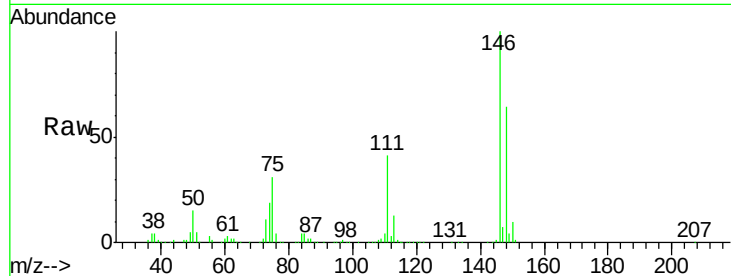
#87
 1,3-Dichlorobenzene
 Concen: 18.258 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Instrument :
 MSVOA_X
 ClientSampled :
 VX0708WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.4	61.2
148	64.6	32.5	97.5

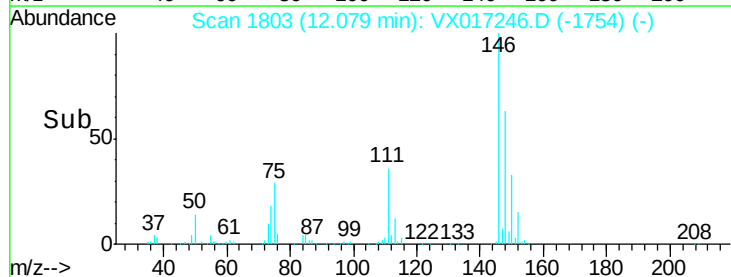
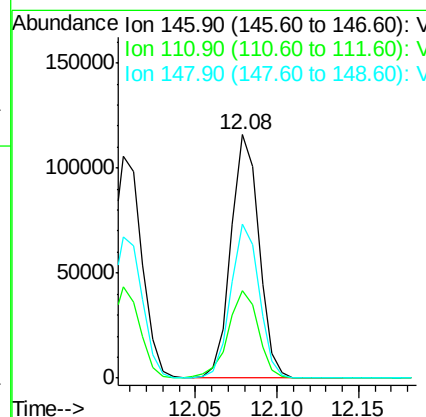
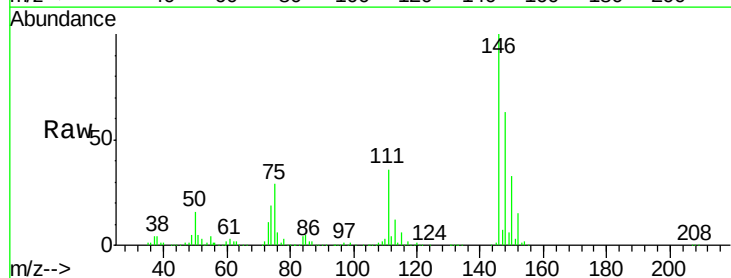
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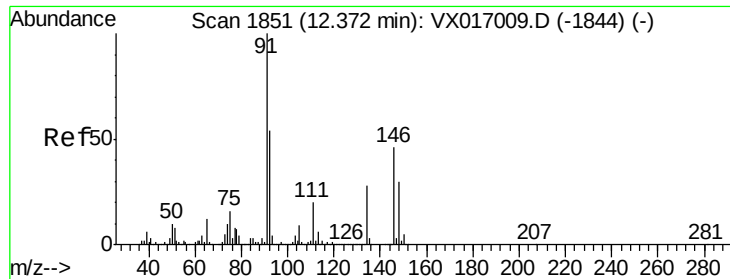
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#88
 1,4-Dichlorobenzene
 Concen: 19.890 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.5	58.5
148	64.2	31.9	95.7





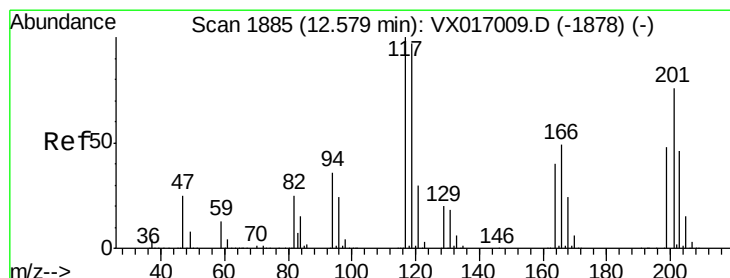
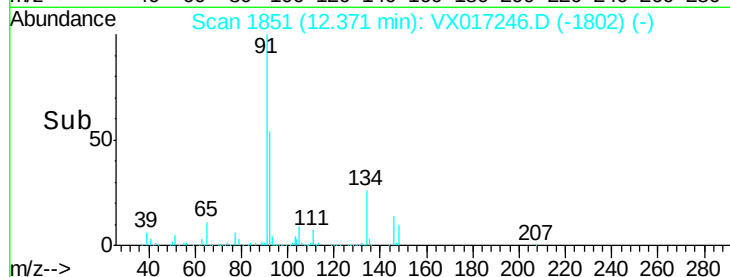
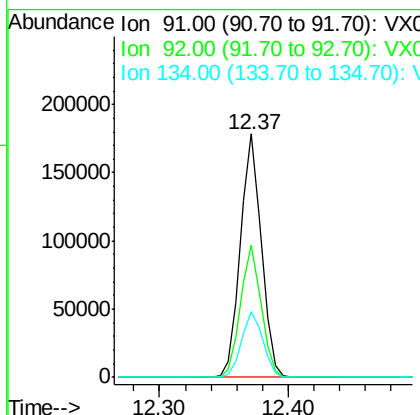
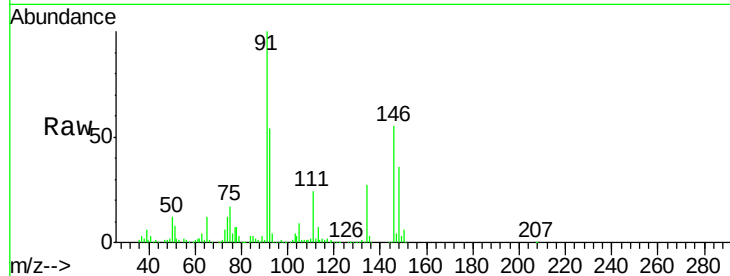
#89
n-Butylbenzene
Concen: 17.260 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	202122		
92	53.5	27.2	81.6	
134	27.2	13.6	40.7	

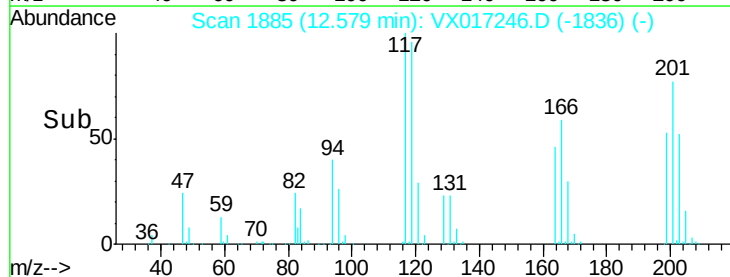
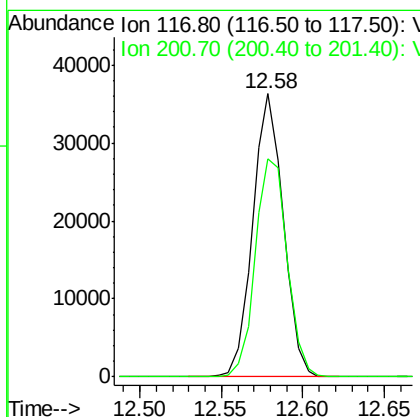
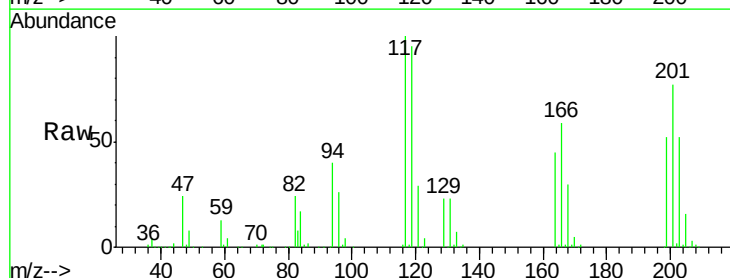
Manual Integrations
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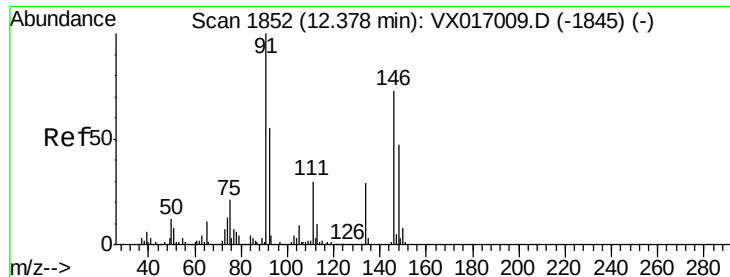
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#90
Hexachloroethane
Concen: 18.274 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	47264		
201	80.3	39.4	118.2	





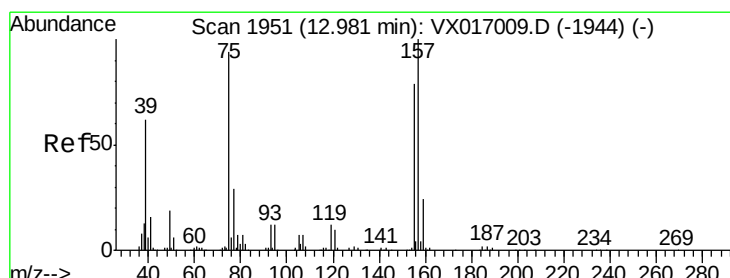
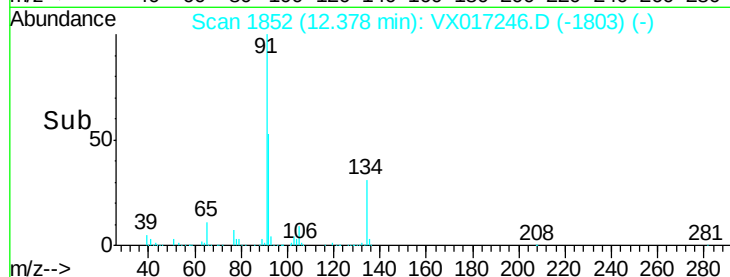
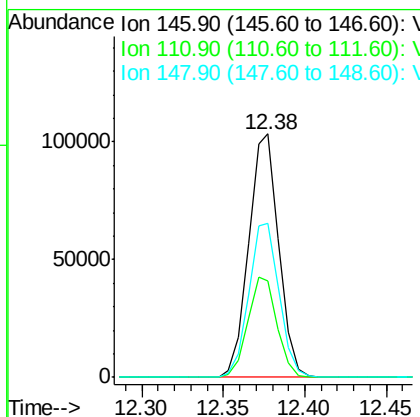
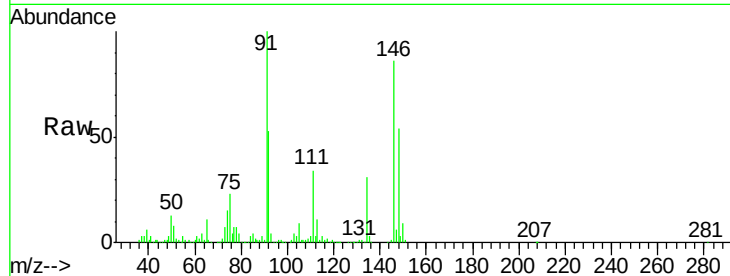
#91
1,2-Dichlorobenzene
Concen: 19.248 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampled :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.9
148	64.0	32.4	97.2

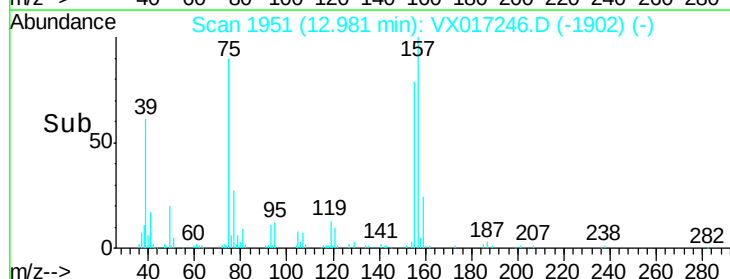
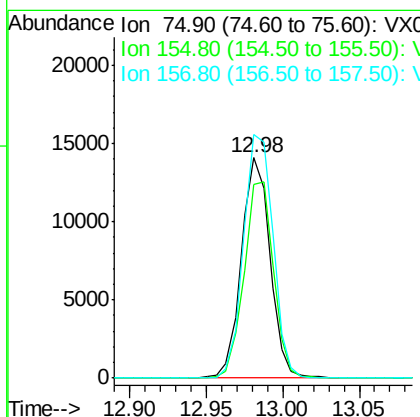
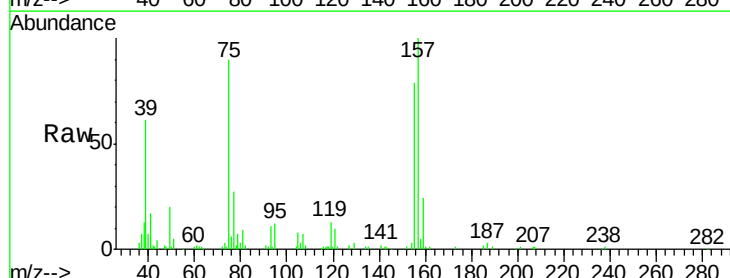
Manual Integrations
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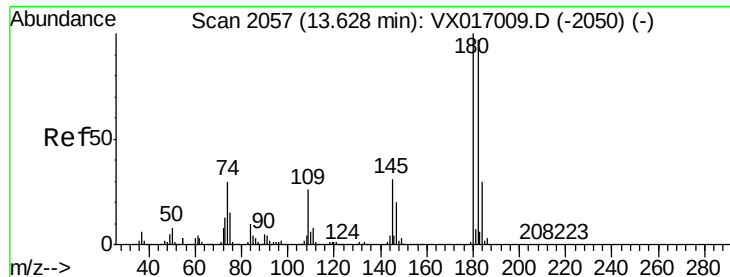
MMDadoda
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#92
1,2-Dibromo-3-Chloropropane
Concen: 16.590 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.2	45.1	135.2
157	114.0	56.5	169.3





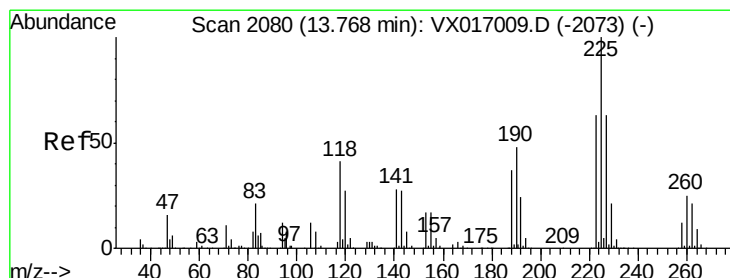
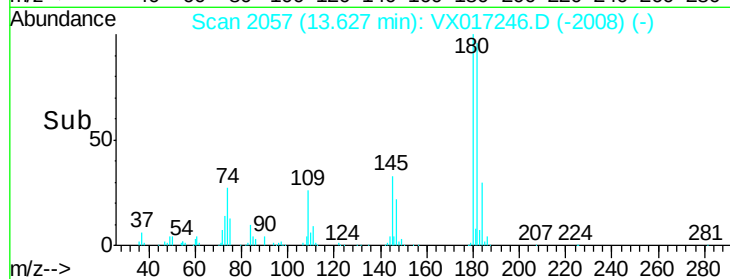
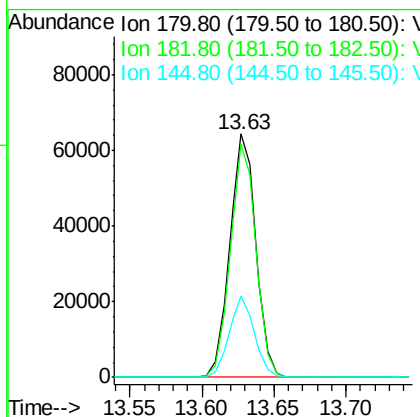
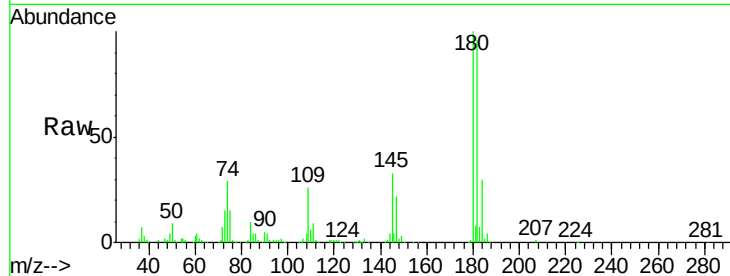
#93
 1,2,4-Trichlorobenzene
 Concen: 17.430 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	141.9
145	32.2	15.4	46.2

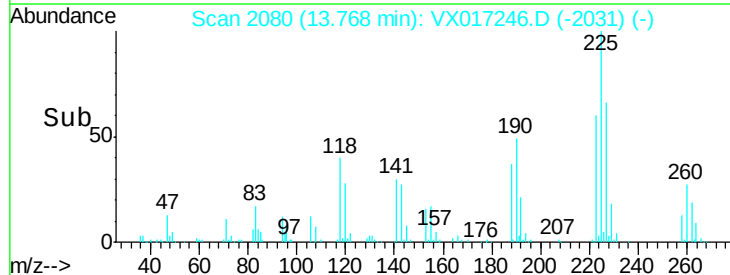
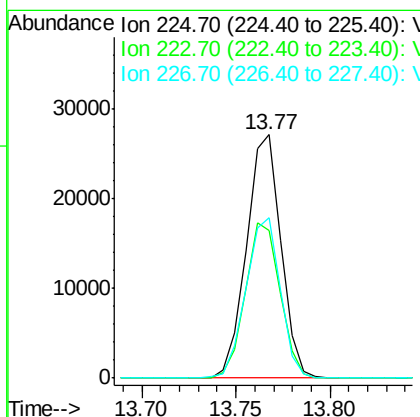
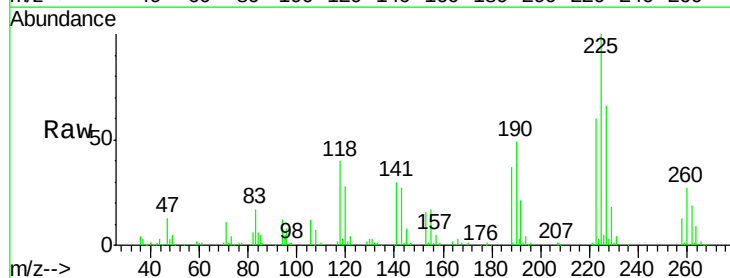
Manual Integrations
 APPROVED

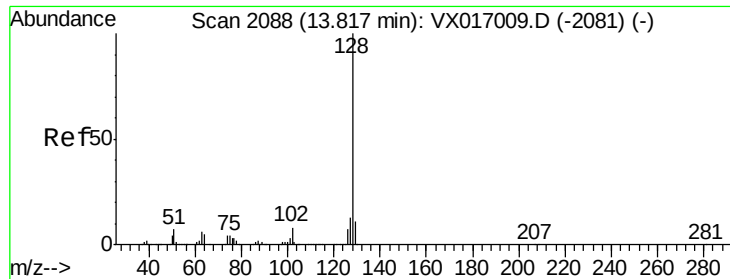
MMDadoda
 7/9/2020 10:59:47 AM



#94
 Hexachlorobutadiene
 Concen: 19.824 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017246.D
 Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	32.5	97.5
227	65.6	33.1	99.2





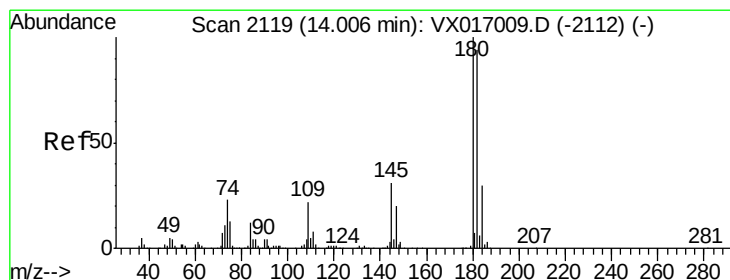
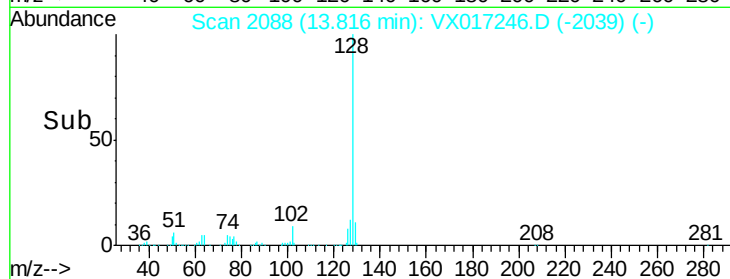
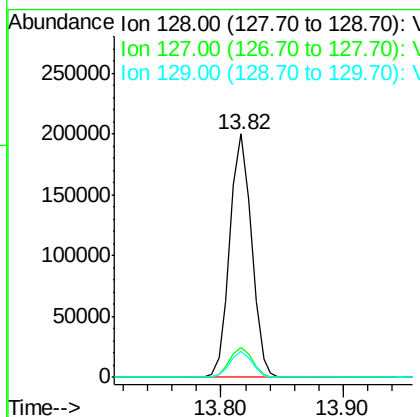
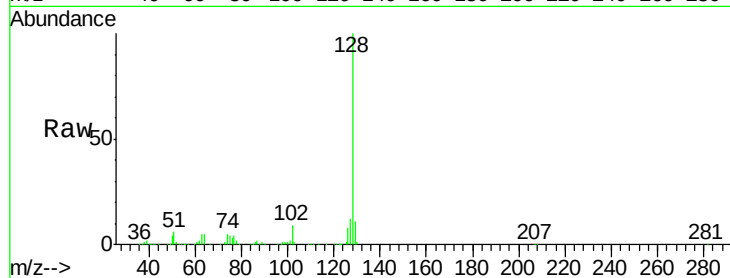
#95
Naphthalene
Concen: 17.130 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:59:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 17.780 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.01 min
Lab File: VX017246.D
Acq: 08 Jul 2020 11:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.1	141.4
145	33.5	16.6	49.7

