

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062520\
 Data File : VX016955.D
 Acq On : 25 Jun 2020 15:51
 Operator : JC/SP
 Sample : VX0625WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Manual Integrations
 APPROVED

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 6/26/2020 3:34:14 PM

Quant Time: Jun 26 09:14:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	37987	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	211953	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	193051	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	87058	29.44	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.13%
60) 4-Bromofluorobenzene	11.12	95	93123	28.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.40%
63) Toluene-d8	8.70	98	256796	30.18	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	31325	16.958	ug/l 94
3) Chloromethane	1.32	50	43170	17.233	ug/l 98
4) Vinyl Chloride	1.39	62	47703	18.674	ug/l 98
5) Bromomethane	1.64	94	36176	19.668	ug/l 100
6) Chloroethane	1.72	64	30982	18.805	ug/l 99
7) Trichlorofluoromethane	1.92	101	76889	18.507	ug/l 96
8) Diethyl Ether	2.17	74	27666	18.301	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	40300	18.277	ug/l 98
10) 1,1-Dichloroethene	2.36	96	41628	19.142	ug/l 96
11) Methyl Iodide	2.49	142	48283	16.628	ug/l 96
12) Methyl Acetate	2.75	43	49004	17.864	ug/l 92
13) Acrolein	2.27	56	36478	84.276	ug/l 98
14) Acrylonitrile	3.11	53	116905	89.981	ug/l 98
15) Acetone	2.42	58	30564	90.904	ug/l 96
16) Carbon Disulfide	2.55	76	128245	18.759	ug/l 100
17) Allyl chloride	2.71	41	74134	18.210	ug/l 94
18) Methylene Chloride	2.83	84	49301	18.822	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	46973	19.064	ug/l 96
20) Diisopropyl ether	3.82	45	150261	18.469	ug/l 92
21) 1,1-Dichloroethane	3.67	63	83044	18.511	ug/l 97
22) cis-1,2-Dichloroethene	4.56	96	50147	18.280	ug/l 99
23) tert-Butyl Alcohol	3.00	59	50764	88.207	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	144339	18.589	ug/l 100
25) Chloroform	5.18	83	83626	18.386	ug/l 99
26) Cyclohexane	5.55	56	69480	17.754	ug/l # 95
29) 1,1-Dichloropropene	5.76	75	60534	17.532	ug/l 99
30) 2-Butanone	4.63	43	157084	87.281	ug/l 99
31) 2,2-Dichloropropane	4.55	77	72155	18.222	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	74238	17.769	ug/l 98
33) Carbon Tetrachloride	5.76	117	66009	17.815	ug/l 99
34) Benzene	6.11	78	182610	18.163	ug/l 98
35) Methacrylonitrile	4.99	41	34621	17.430	ug/l 93
36) 1,2-Dichloroethane	6.16	62	68785	17.864	ug/l 99
37) Trichloroethene	7.19	130	49858	18.174	ug/l 94
38) Methylcyclohexane	7.44	83	71722	18.240	ug/l 99
39) 1,2-Dichloropropane	7.49	63	48006	18.328	ug/l 94
40) Dibromomethane	7.63	93	32383	17.939	ug/l 98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0625WBS01

Manual Integrations
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Quant Time: Jun 26 09:14:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	67006	17.925	ug/l	94
42) Vinyl Acetate	3.78	43	647421	89.267	ug/l	100
43) Ethyl Acetate	4.79	43	64459	17.291	ug/l	99
44) Isopropyl Acetate	6.41	43	106124	17.271	ug/l	99
45) 1,4-Dioxane	7.71	88	22944	370.115	ug/l	97
46) Methyl methacrylate	7.74	41	49004	17.233	ug/l	97
47) n-amyl Acetate	10.88	43	90778	16.713	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	74393	17.999	ug/l	95
49) cis-1,3-Dichloropropene	8.42	75	78563	18.087	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	45137	17.916	ug/l	97
51) Ethyl methacrylate	9.16	69	66255	17.136	ug/l	99
52) 1,3-Dichloropropane	9.35	76	78498	18.148	ug/l	98
53) Dibromochloromethane	9.57	129	49517	17.100	ug/l	98
54) 1,2-Dibromoethane	9.65	107	46745	17.485	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	192888	94.802	ug/l	100
56) Bromoform	10.84	173	34882	16.970	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	316613	89.035	ug/l	99
59) 2-Hexanone	9.47	43	234958	88.532	ug/l	99
61) Tetrachloroethene	9.32	164	46107	18.728	ug/l	96
62) Toluene	8.76	91	195448	18.510	ug/l	100
64) Chlorobenzene	10.12	112	122336	18.493	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.20	131	45086	18.104	ug/l	98
66) Ethyl Benzene	10.23	91	213049	18.195	ug/l	99
67) m/p-Xylenes	10.34	106	162647	36.822	ug/l	97
68) o-Xylene	10.68	106	75606	17.819	ug/l	100
69) Styrene	10.70	104	129143	17.776	ug/l	98
70) Isopropylbenzene	11.00	105	206445	17.939	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	62317	17.632	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	61574m	18.141	ug/l	
73) Bromobenzene	11.24	156	51545	17.747	ug/l	97
74) n-propylbenzene	11.34	91	243632	17.830	ug/l	99
75) 2-Chlorotoluene	11.40	91	143085	17.957	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	174997	18.116	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	22723	16.520	ug/l	91
78) 4-Chlorotoluene	11.49	91	166765	17.676	ug/l	100
79) tert-butylbenzene	11.76	119	167329	18.082	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	172885	17.827	ug/l	99
81) sec-Butylbenzene	11.93	105	201493	17.984	ug/l	98
82) p-Isopropyltoluene	12.05	119	179957	17.789	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	94077	18.075	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	95591	18.279	ug/l	98
85) n-Butylbenzene	12.37	91	163501	17.461	ug/l	99
86) Hexachloroethane	12.58	117	35886	18.126	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	89895	18.452	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	13737	17.083	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	57872	17.607	ug/l	98
90) Hexachlorobutadiene	13.77	225	22361	17.884	ug/l	97
91) Naphthalene	13.82	128	187576	17.411	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	54536	17.002	ug/l	96

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

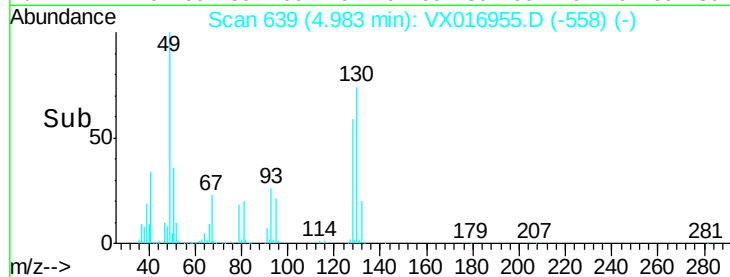
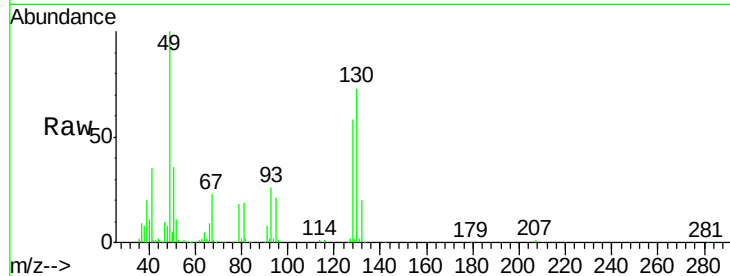
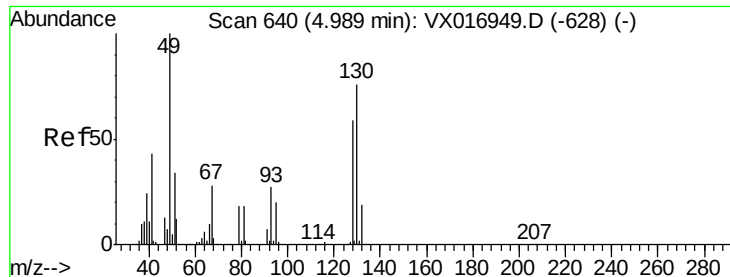
Manual Integrations
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

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



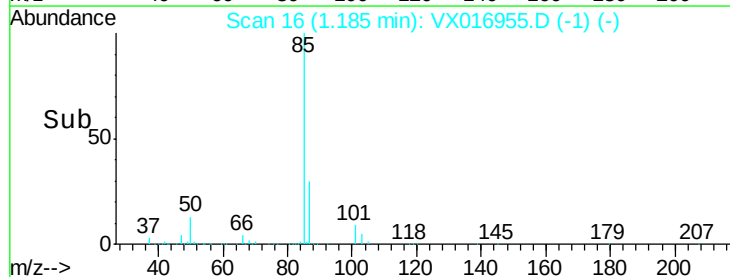
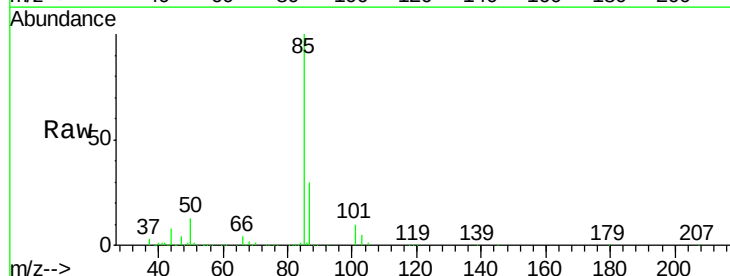
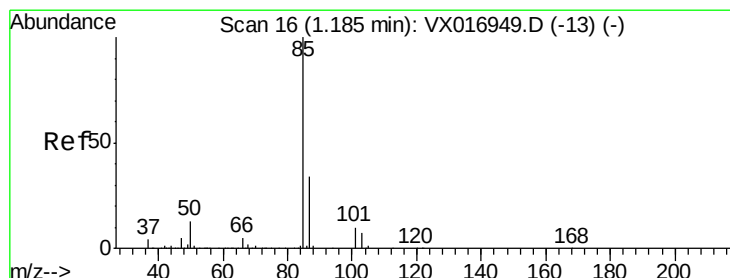
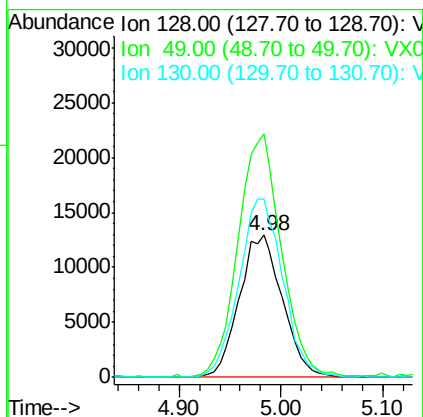
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.01 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tot Ion	Ratio	Lower	Upper
128	100		
49	172.6	0.0	428.0
130	126.4	0.0	318.0

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

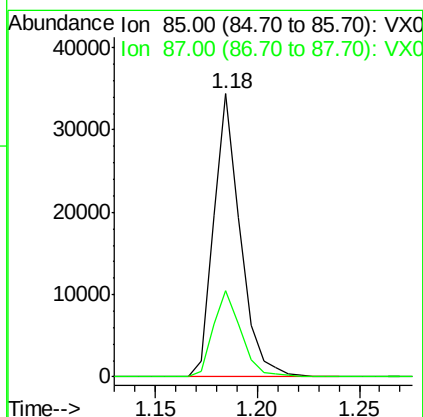
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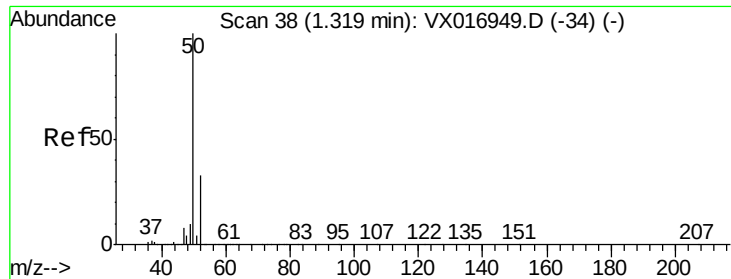
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#2
Dichlorodifluoromethane
Concen: 16.958 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.5	16.9	50.7





#3

Chloromethane

Concen: 17.233 ug/l

RT: 1.32 min Scan# 38

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 50 Resp: 43170

Ion Ratio Lower Upper

50 100

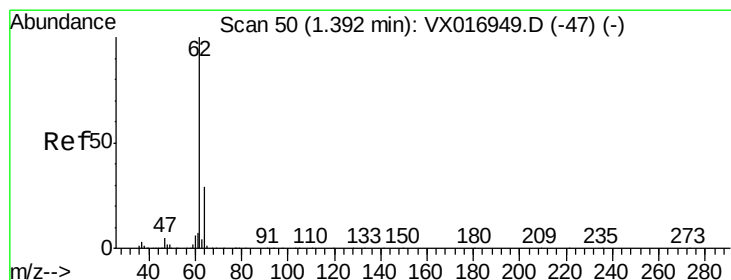
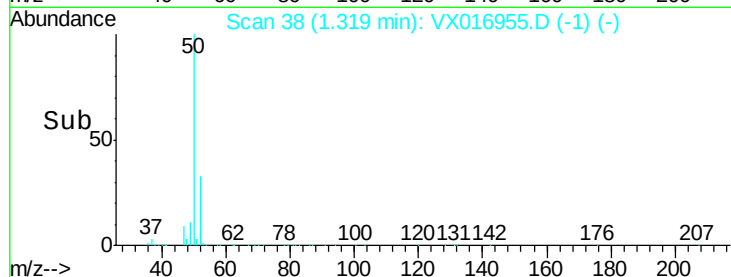
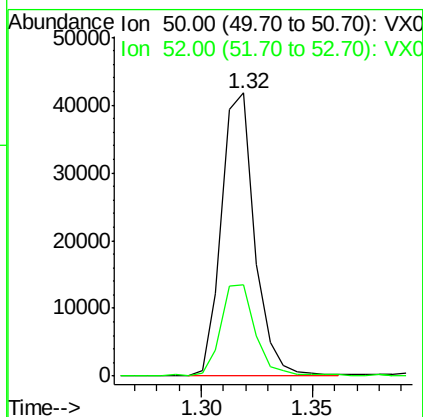
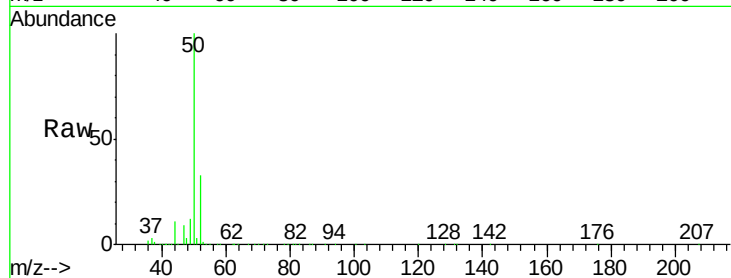
52 32.1 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.674 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016955.D

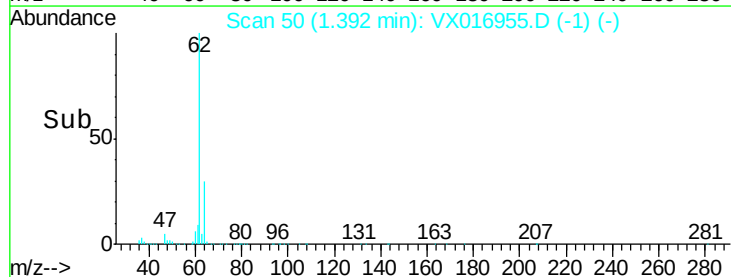
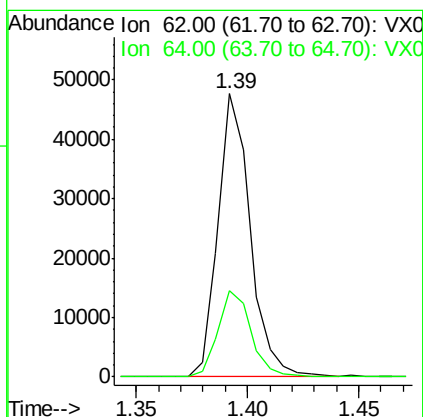
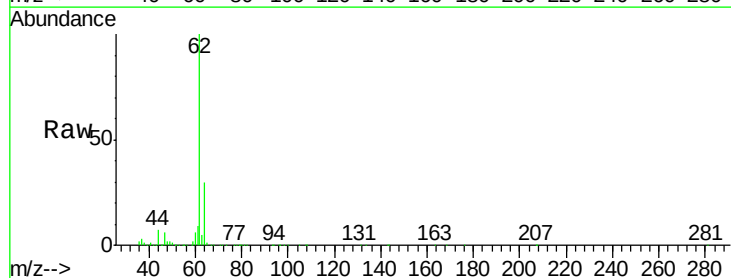
Acq: 25 Jun 2020 15:51

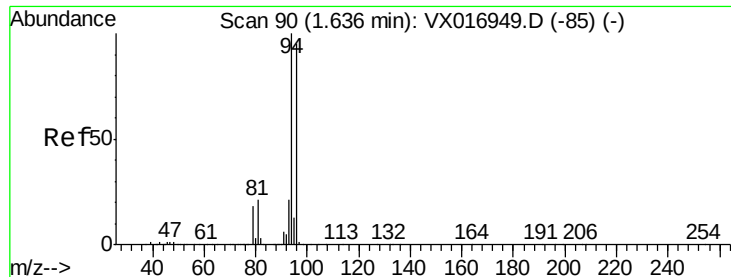
Tgt Ion: 62 Resp: 47703

Ion Ratio Lower Upper

62 100

64 30.3 23.4 35.0





#5

Bromomethane

Concen: 19.668 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 94 Resp: 36176

Ion Ratio Lower Upper

94 100

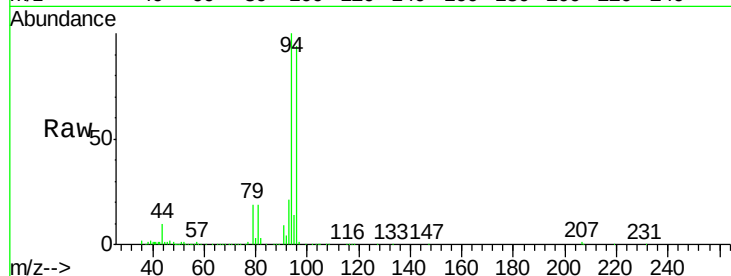
96 94.2 75.5 113.3

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

30000

25000

20000

15000

10000

5000

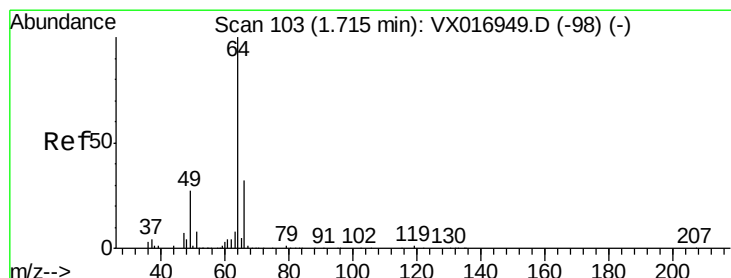
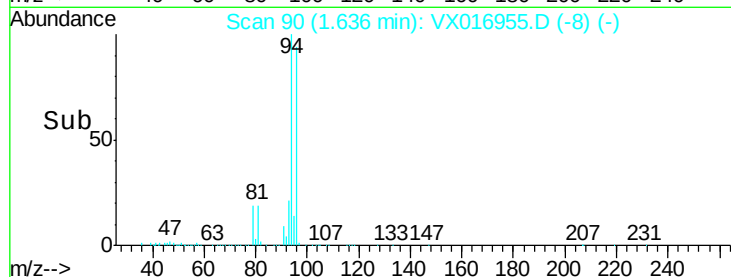
0

1.60

1.65

1.70

Time-->



#6

Chloroethane

Concen: 18.805 ug/l

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX016955.D

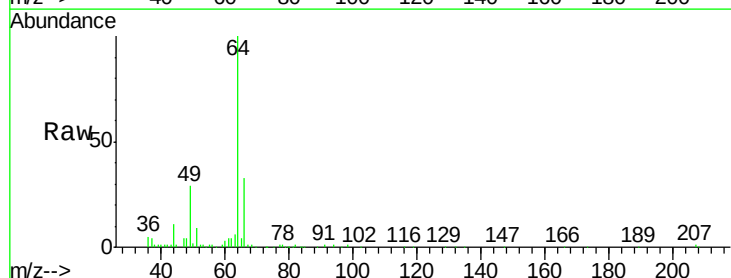
Acq: 25 Jun 2020 15:51

Tgt Ion: 64 Resp: 30982

Ion Ratio Lower Upper

64 100

66 32.2 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

25000

20000

15000

10000

5000

0

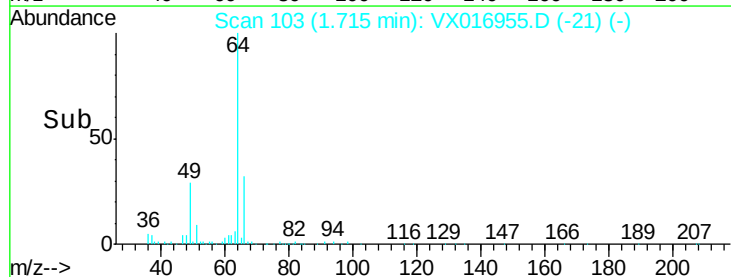
1.65

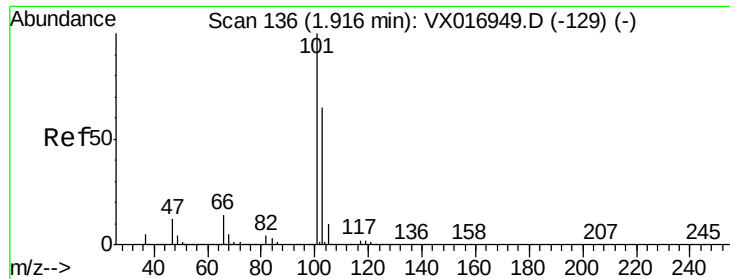
1.70

1.75

1.80

Time-->





#7

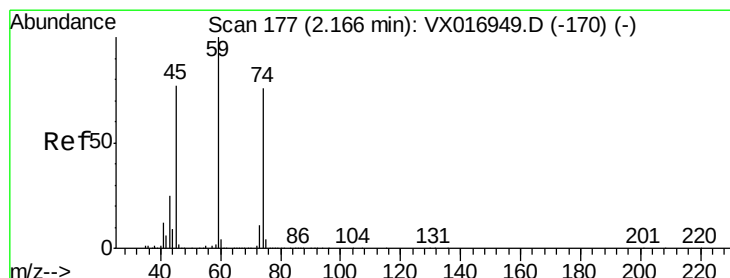
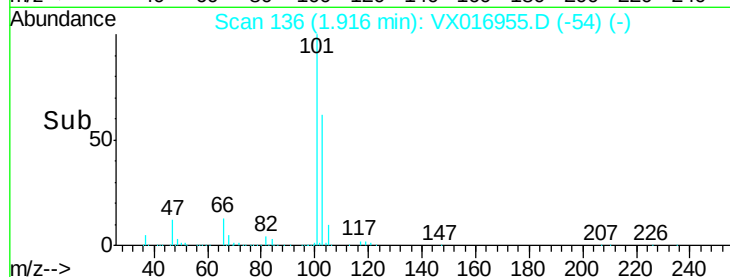
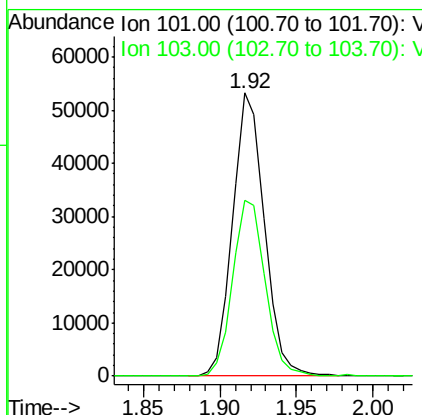
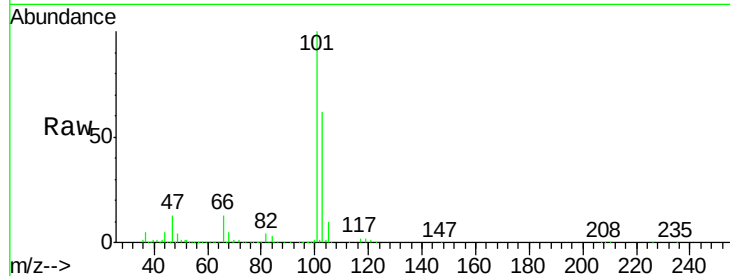
Trichlorofluoromethane
Concen: 18.507 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.9	52.1	78.1

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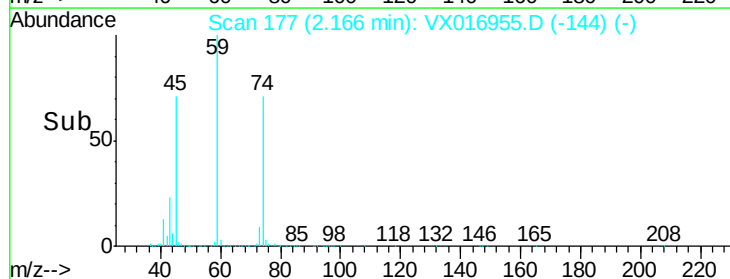
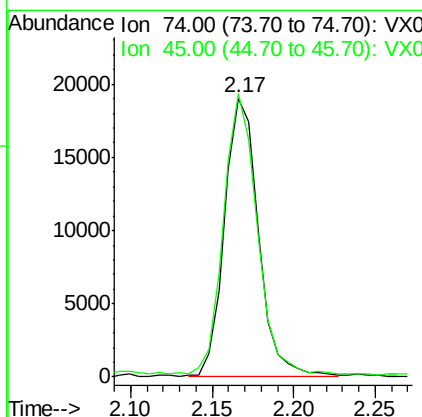
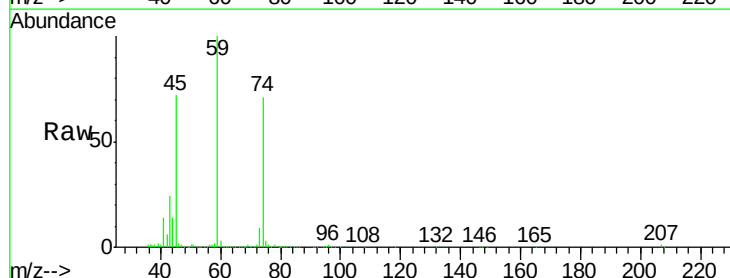
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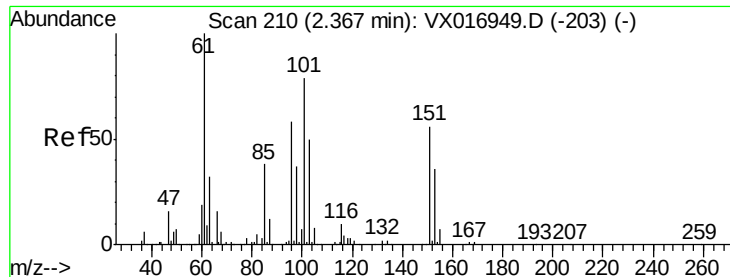


#8

Diethyl Ether
Concen: 18.301 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.9	19.8	178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.277 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

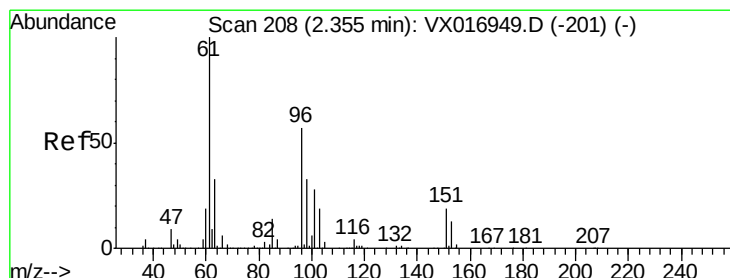
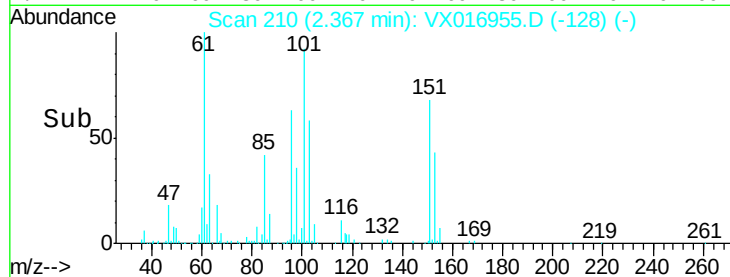
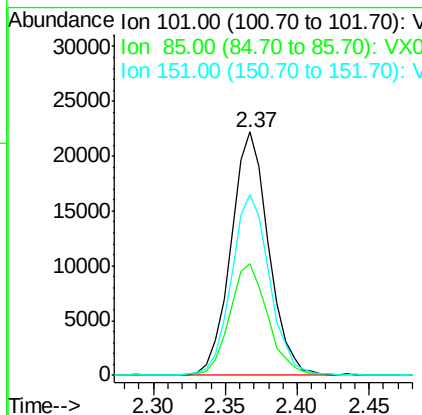
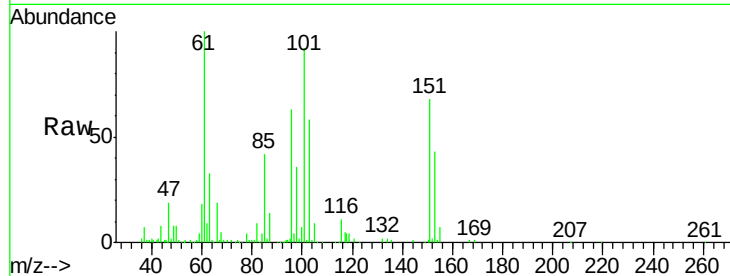
ClientSampleId :

VX0625WBS01

Tot Ion:	101	Resp:	40300
Ion Ratio	Lower	Upper	
101	100		
85	46.7	0.0	94.6
151	75.6	0.0	145.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.142 ug/l

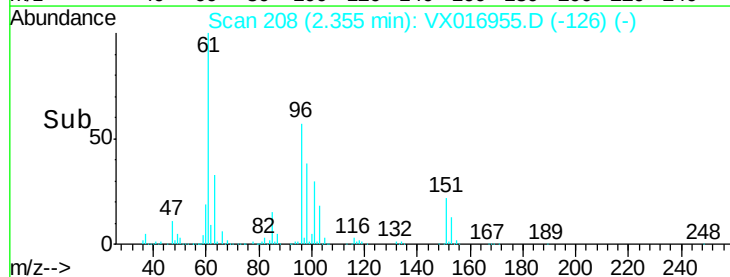
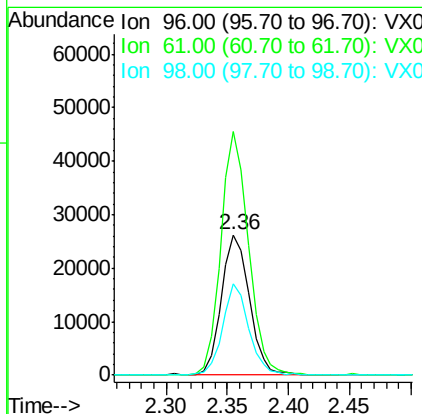
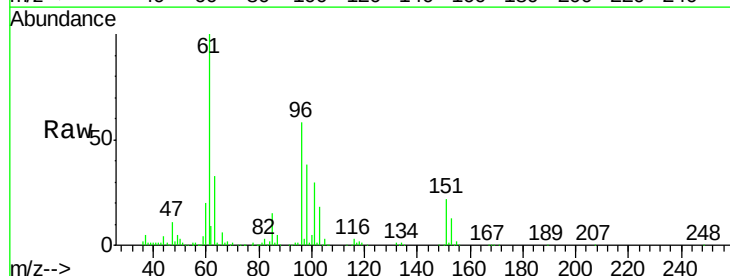
RT: 2.36 min Scan# 208

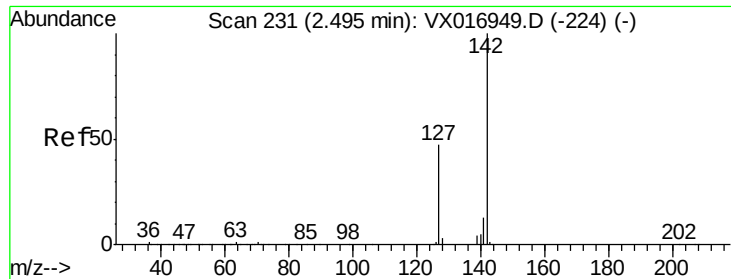
Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Tgt Ion:	96	Resp:	41628
Ion Ratio	Lower	Upper	
96	100		
61	173.5	141.3	211.9
98	65.3	47.0	70.4





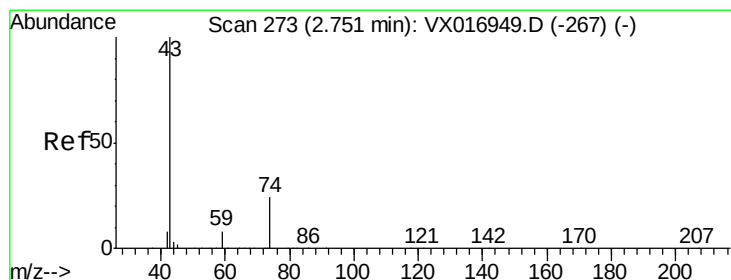
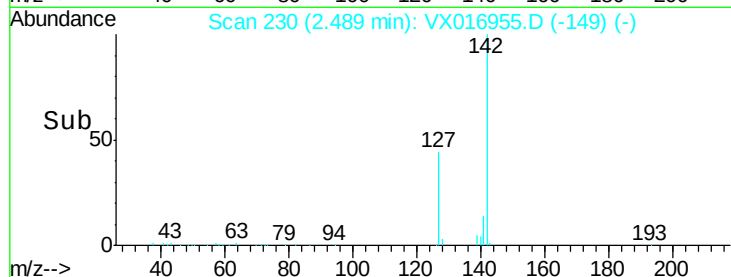
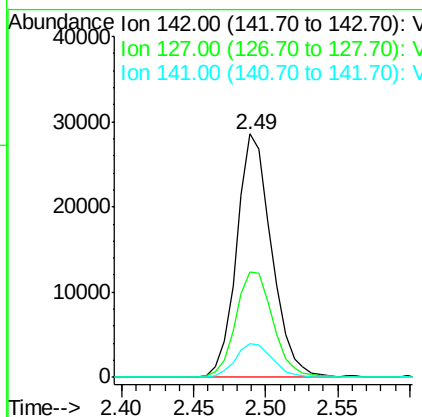
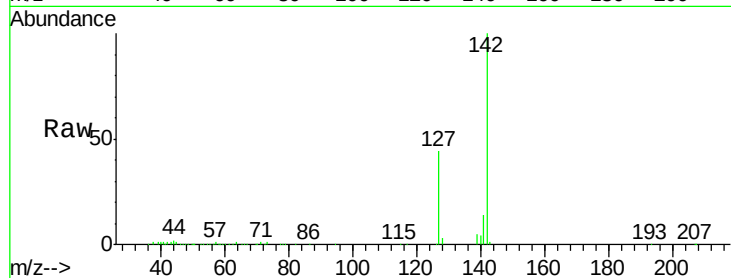
#11
Methyl Iodide
Concen: 16.628 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.5	23.3	69.9
141	13.6	6.7	20.1

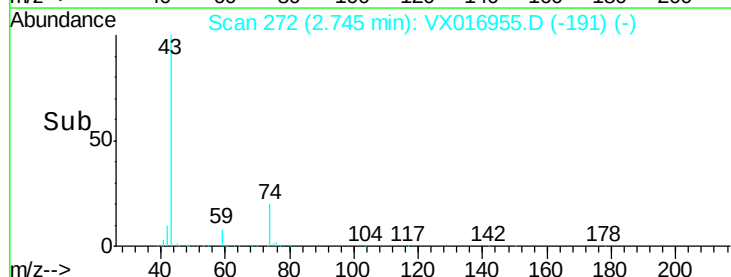
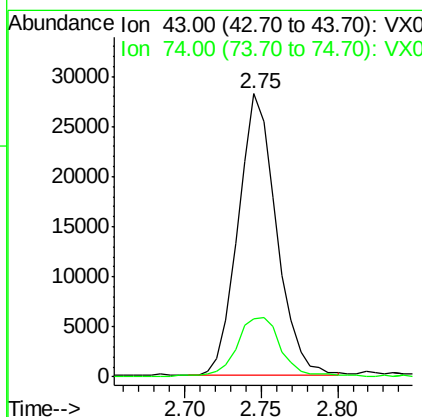
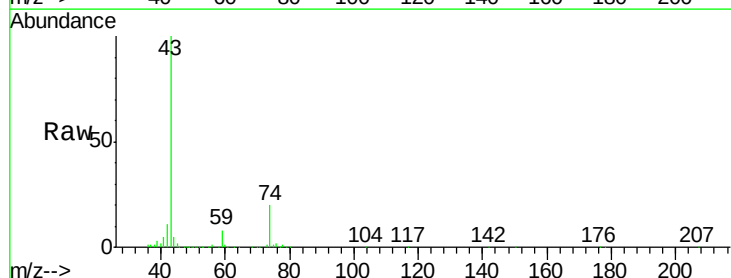
Manual Integrations
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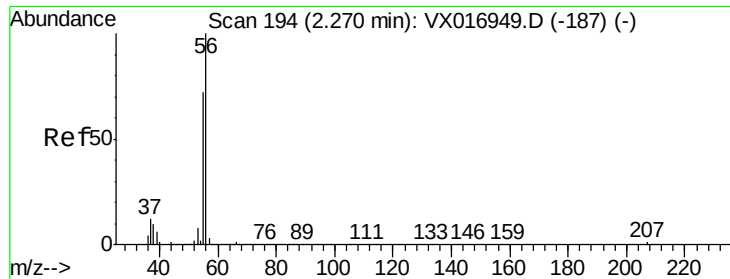
MMDadoda
6/26/2020 3:34:14 PM



#12
Methyl Acetate
Concen: 17.864 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.9	19.1	28.7





#13

Acrolein

Concen: 84.276 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 56 Resp: 36478

Ion Ratio Lower Upper

56 100

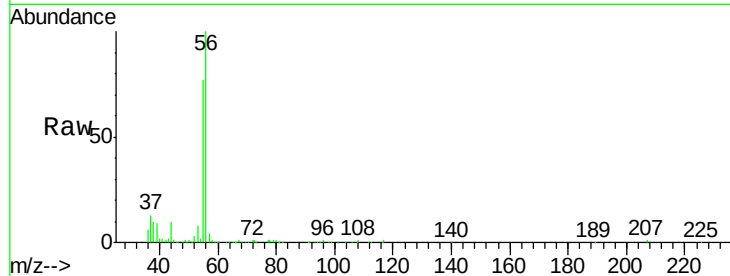
55 71.8 56.2 84.4

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

25000

20000

15000

10000

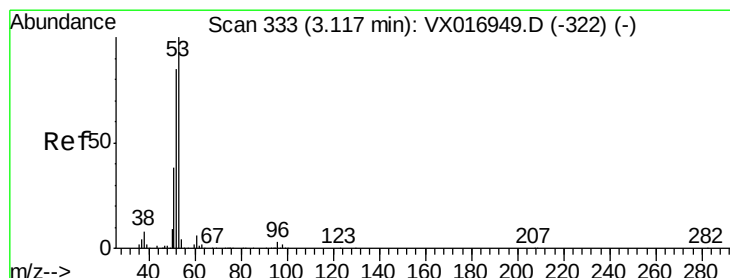
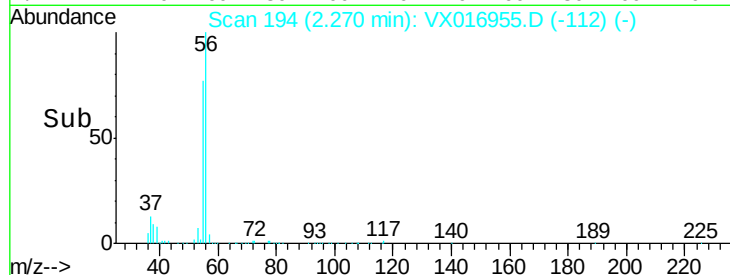
5000

0

Time-->

2.20 2.25 2.30 2.35

2.27



#14

Acrylonitrile

Concen: 89.981 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

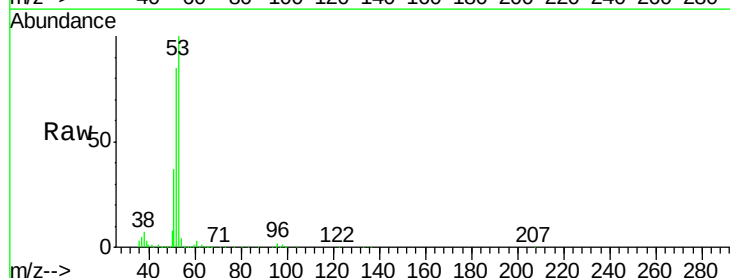
Tgt Ion: 53 Resp: 116905

Ion Ratio Lower Upper

53 100

52 82.2 40.6 121.8

51 35.1 18.4 55.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

60000

40000

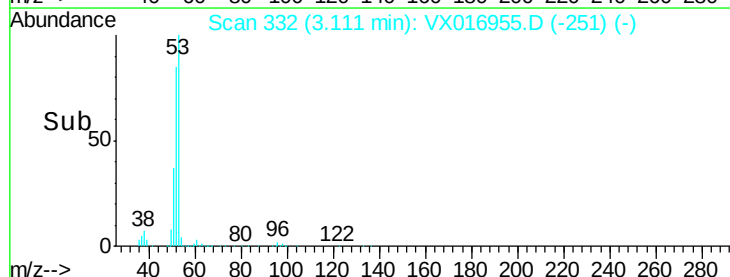
20000

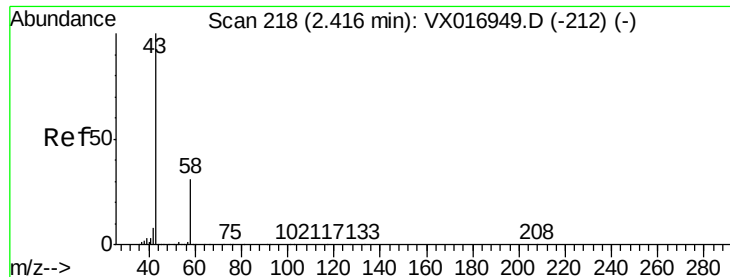
0

Time-->

3.00 3.05 3.10 3.15 3.20

3.11





#15

Acetone

Concen: 90.904 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 58 Resp: 30564

Ion Ratio Lower Upper

58 100

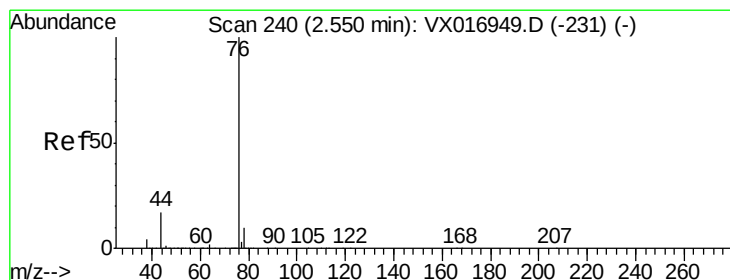
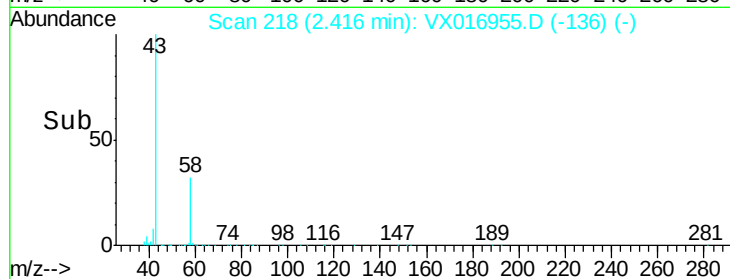
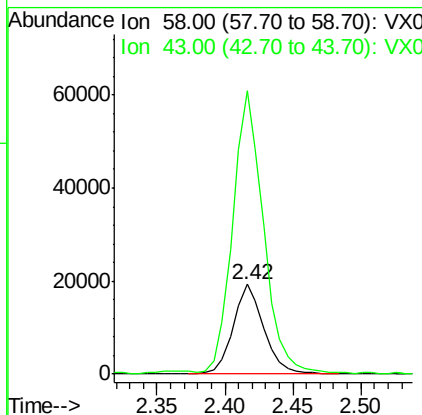
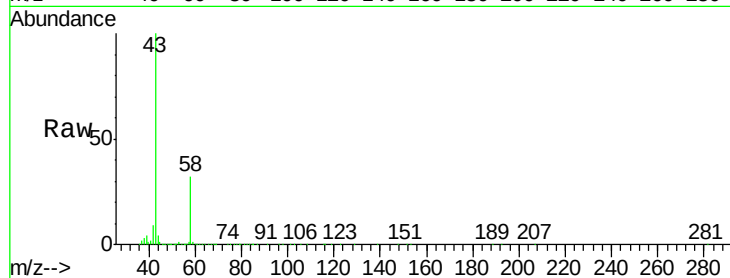
43 313.8 257.6 386.4

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.759 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016955.D

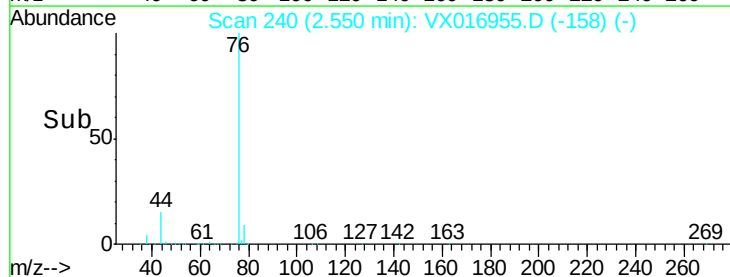
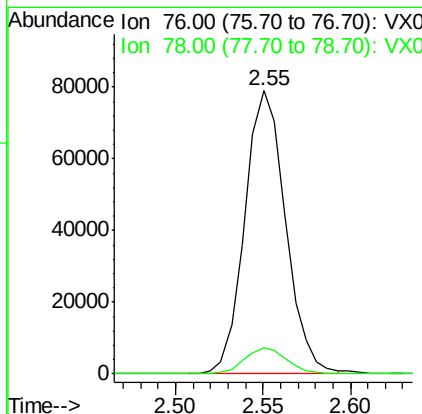
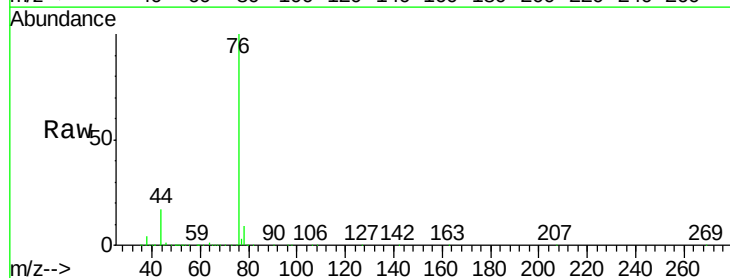
Acq: 25 Jun 2020 15:51

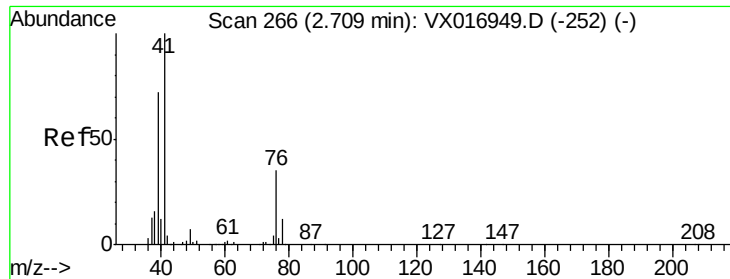
Tgt Ion: 76 Resp: 128245

Ion Ratio Lower Upper

76 100

78 9.4 7.6 11.4





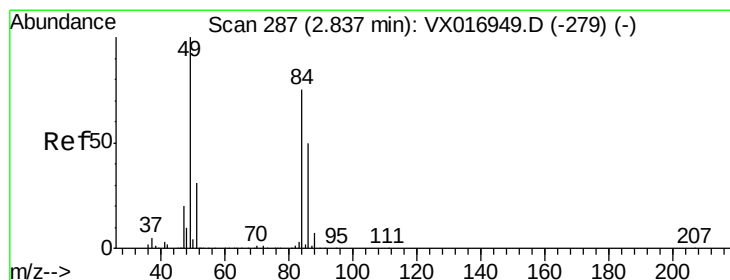
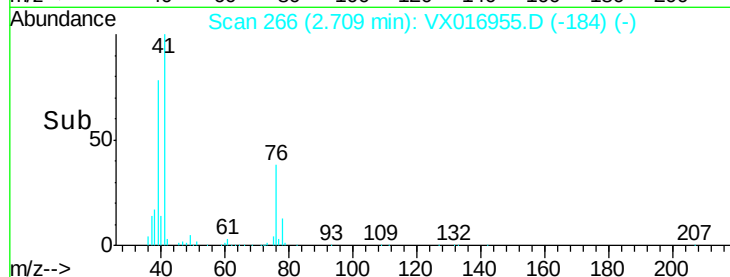
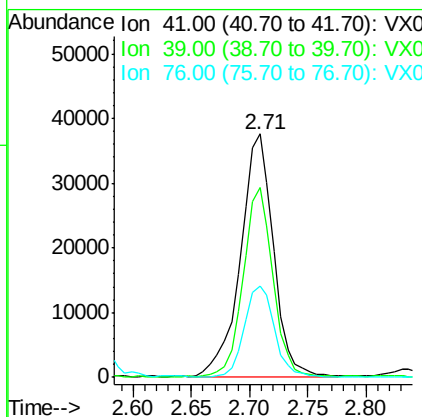
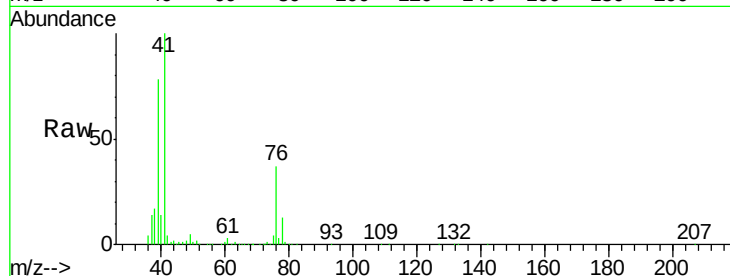
#17
Allvl chloride
Concen: 18.210 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.8	35.9	107.8
76	37.1	17.6	52.8

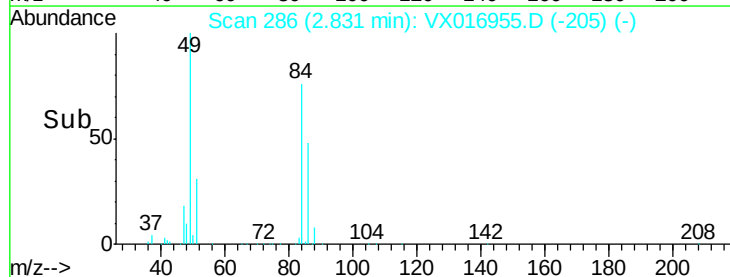
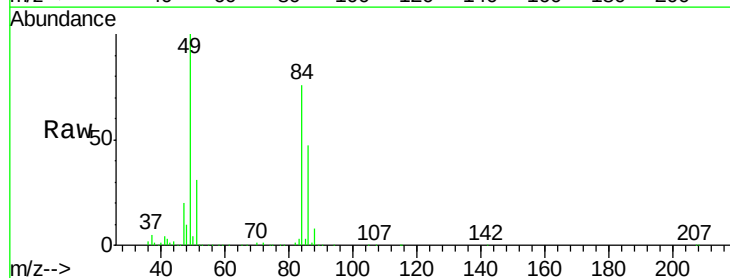
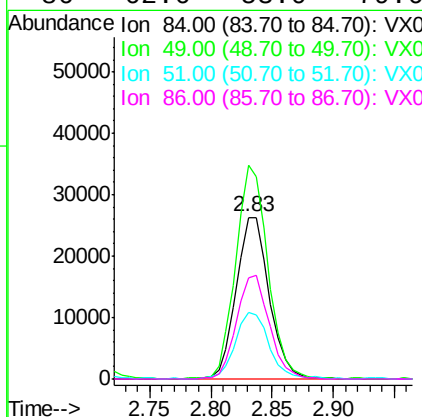
Manual Integrations
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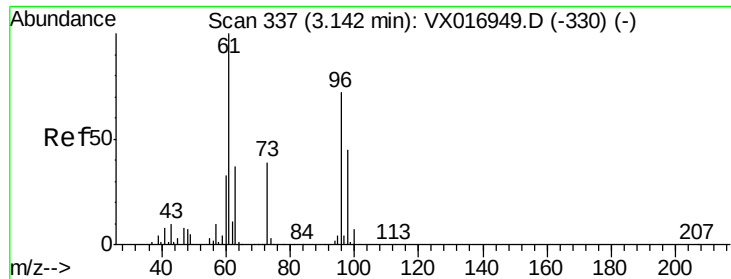
MMDadoda
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#18
Methylene Chloride
Concen: 18.822 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.0	106.6	159.8
51	40.9	32.7	49.1
86	62.6	53.0	79.6





#19

trans-1,2-Dichloroethene

Concen: 19.064 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

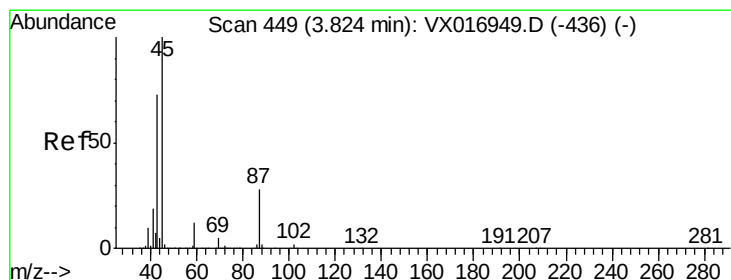
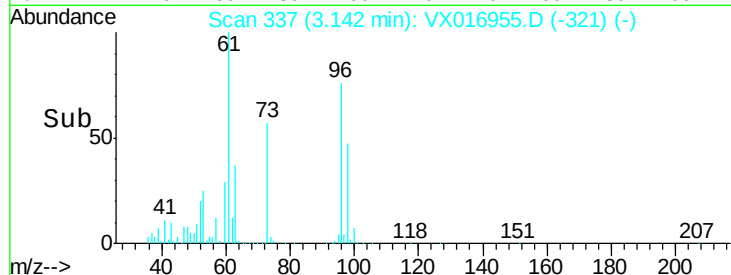
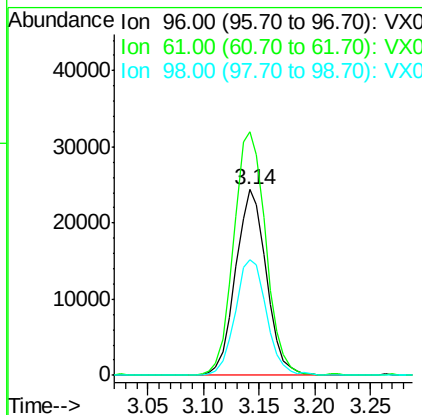
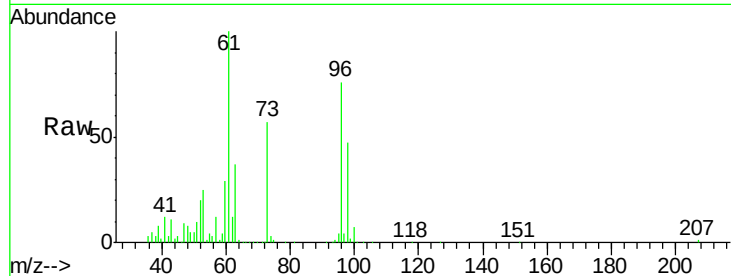
ClientSampleId :

VX0625WBS01

Tot Ion:	96	Resp:	46973
Ion	Ratio	Lower	Upper
96	100		
61	130.8	110.6	165.8
98	62.3	49.8	74.6

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.469 ug/l

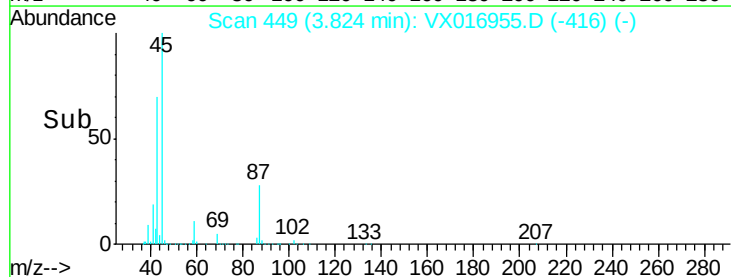
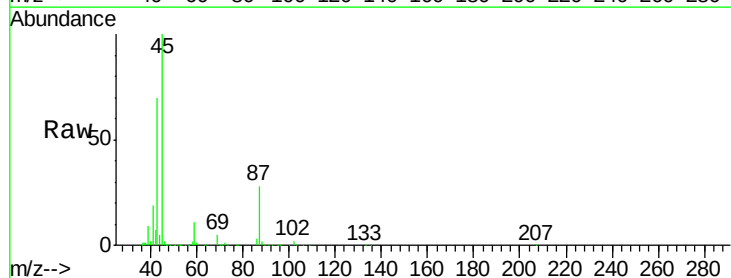
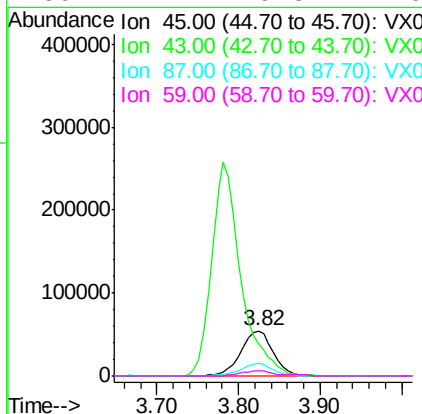
RT: 3.82 min Scan# 449

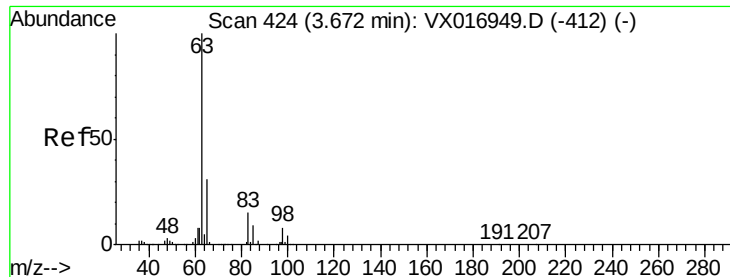
Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Tgt Ion:	45	Resp:	150261
Ion	Ratio	Lower	Upper
45	100		
43	69.7	63.9	95.9
87	28.2	22.2	33.4
59	11.4	9.8	14.6





#21

1,1-Dichloroethane

Concen: 18.511 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

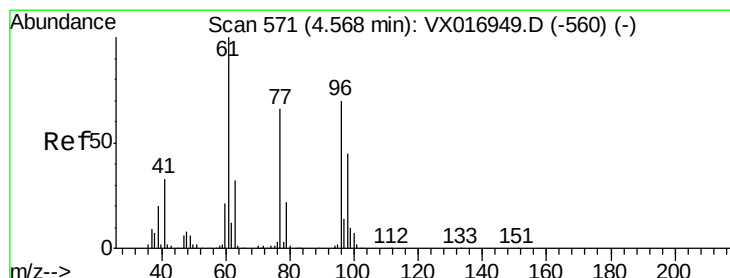
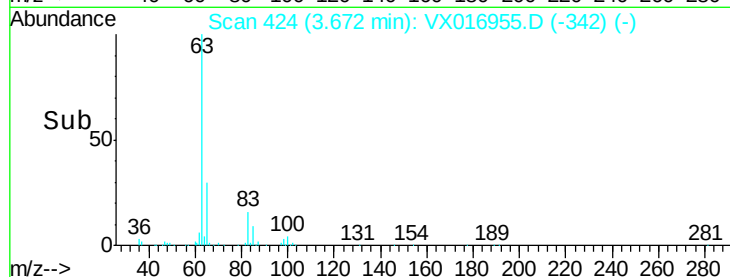
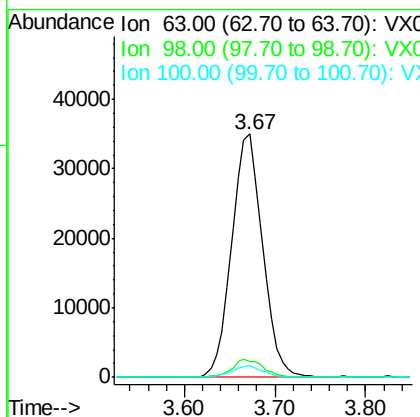
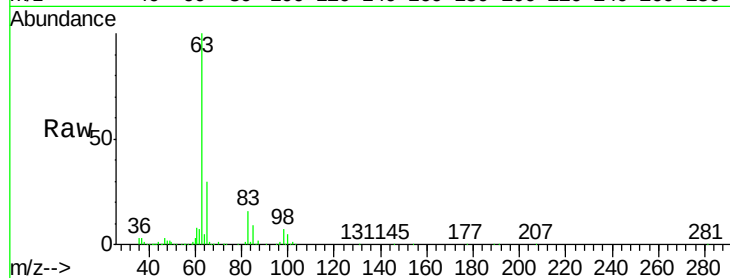
ClientSampleId :

VX0625WBS01

Tot Ion:	63	Resp:	83044
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.8	11.4
100	5.0	2.2	6.6

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#22

cis-1,2-Dichloroethene

Concen: 18.280 ug/l

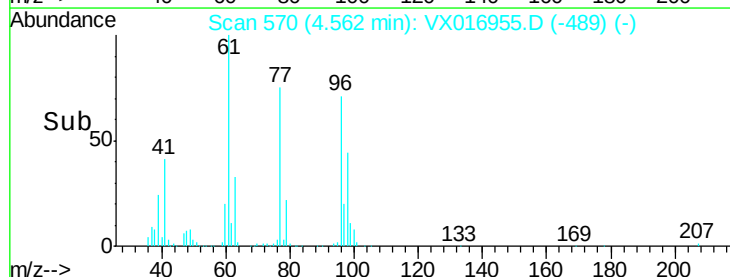
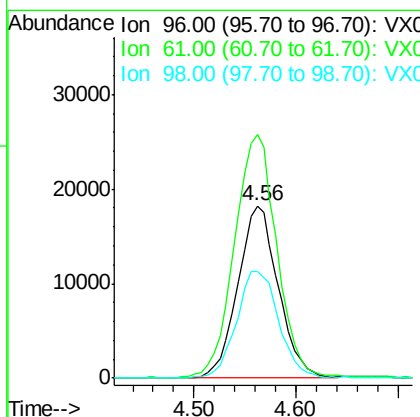
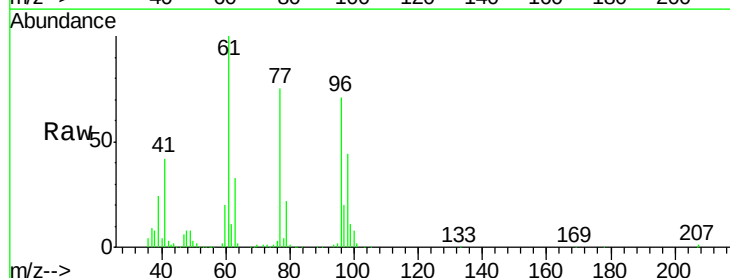
RT: 4.56 min Scan# 570

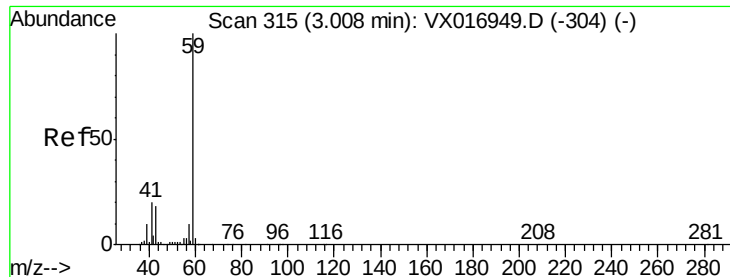
Delta R.T. -0.01 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Tgt Ion:	96	Resp:	50147
Ion Ratio	Lower	Upper	
96	100		
61	148.7	120.8	181.2
98	65.0	51.7	77.5





#23

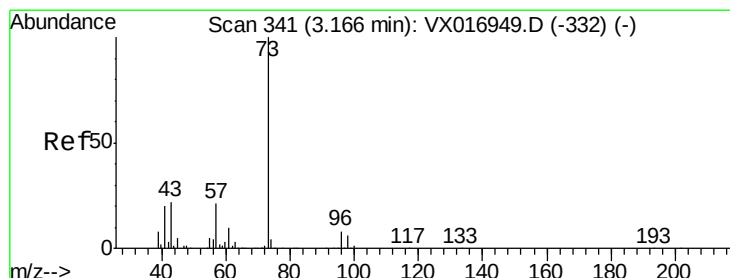
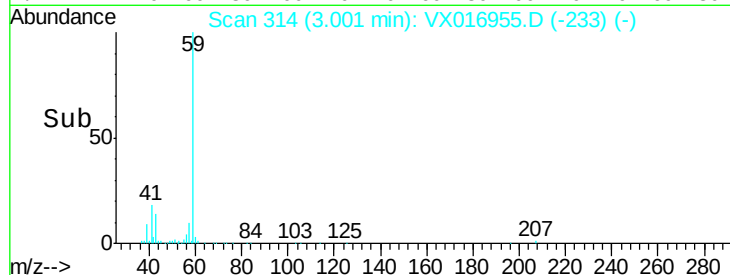
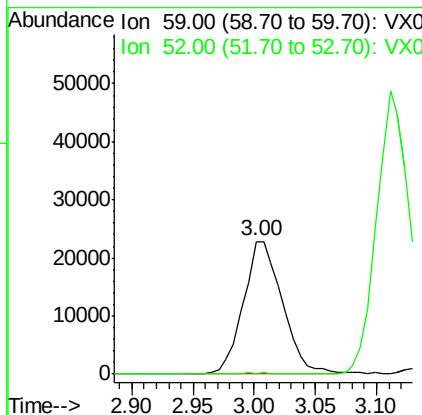
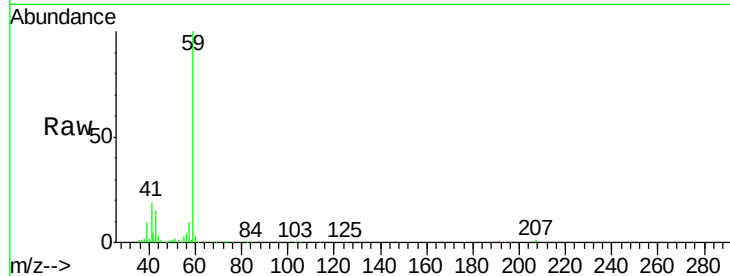
tert-Butyl Alcohol
 Concen: 88.207 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.1	0.1#

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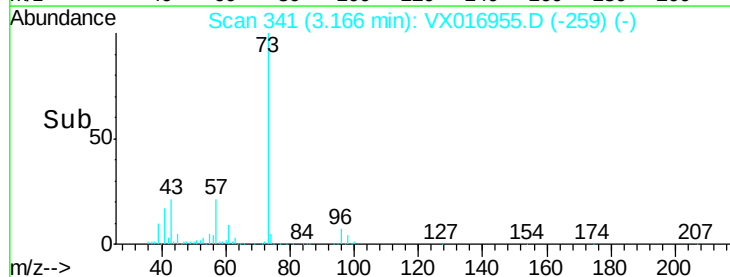
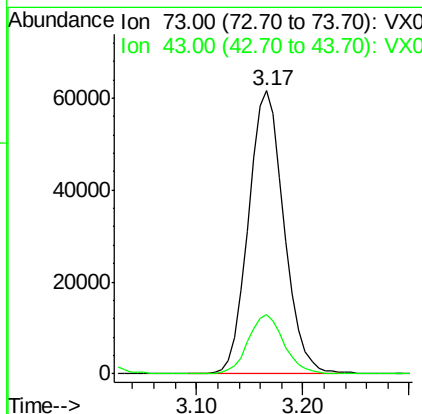
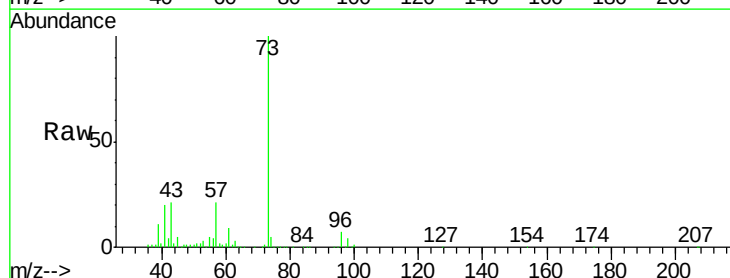
MMDadoda
 6/26/2020 3:34:14 PM

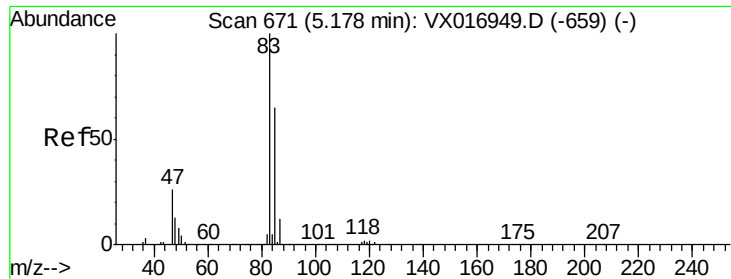


#24

Methyl tert-Butyl Ether
 Concen: 18.589 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.3	17.2	25.8





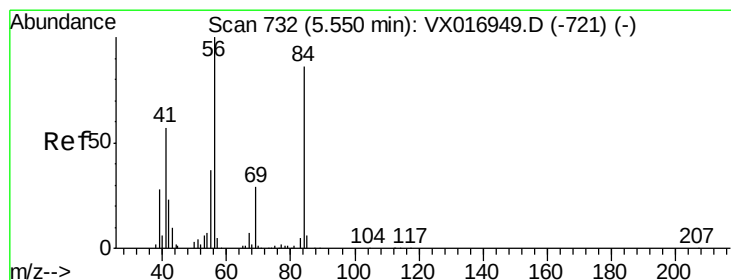
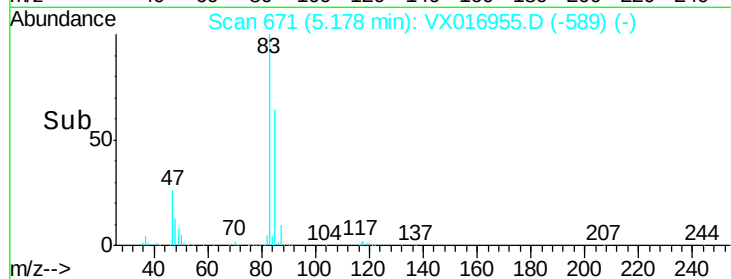
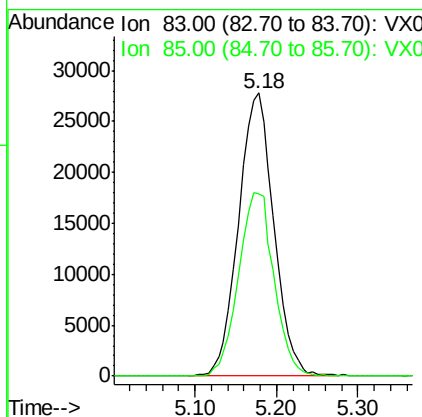
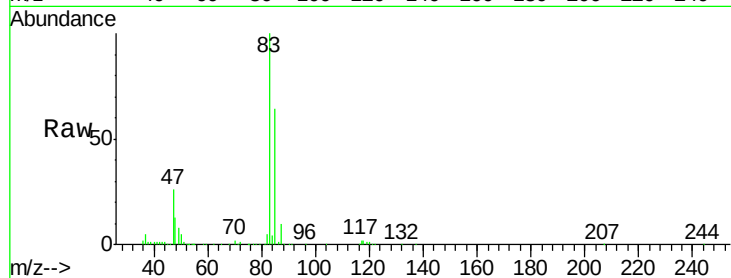
#25
Chloroform
Concen: 18.386 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	83	Resp	83626
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	52.1	78.1

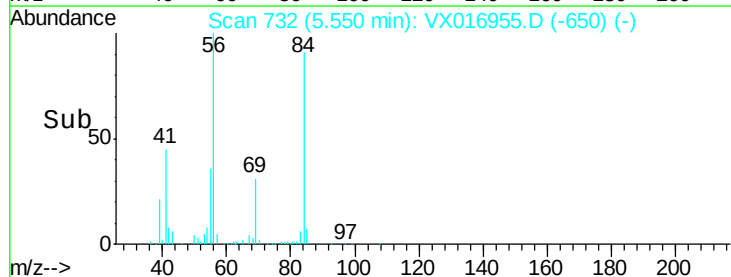
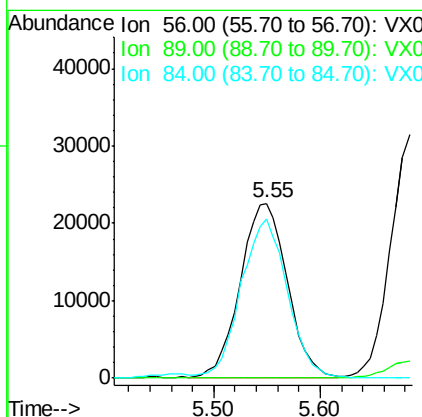
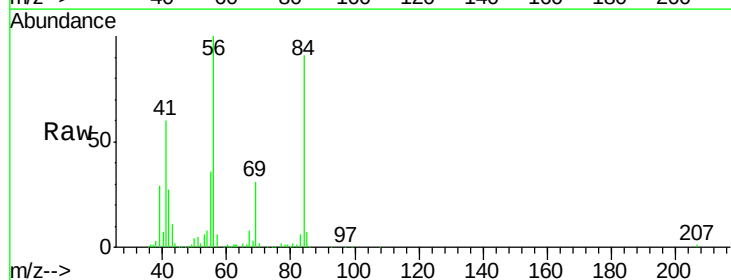
Manual Integrations
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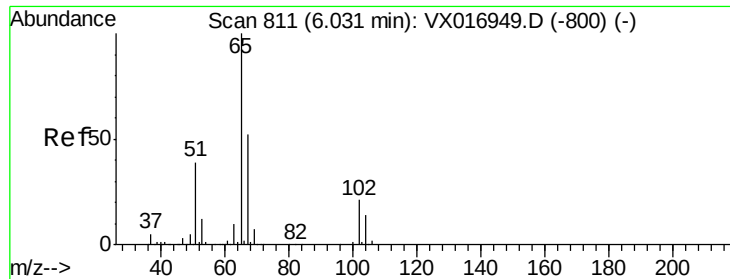
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#26
Cyclohexane
Concen: 17.754 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	56	Resp	69480
Ion Ratio	100	Lower	Upper
56	100		
89	0.2	0.0	0.0#
84	90.6	69.0	103.6





#27

1,2-Dichloroethane-d4

Concen: 29.444 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 65 Resp: 87058

Ion Ratio Lower Upper

65 100

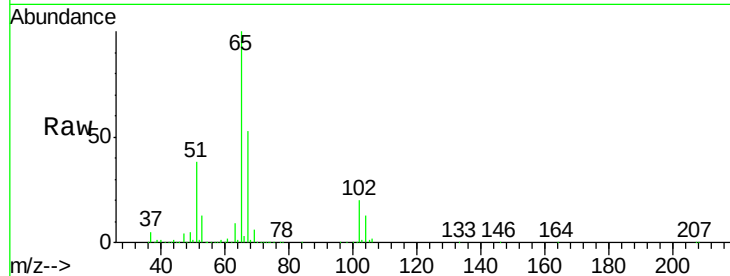
67 53.6 41.5 62.3

Manual Integrations

APPROVED

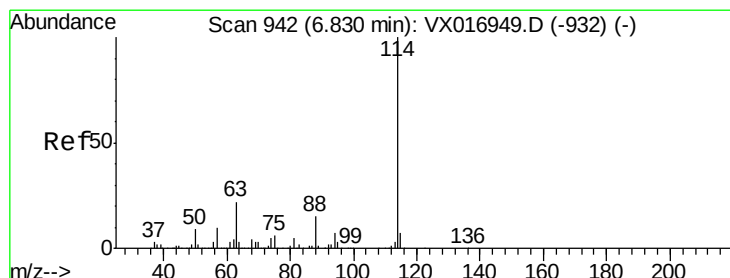
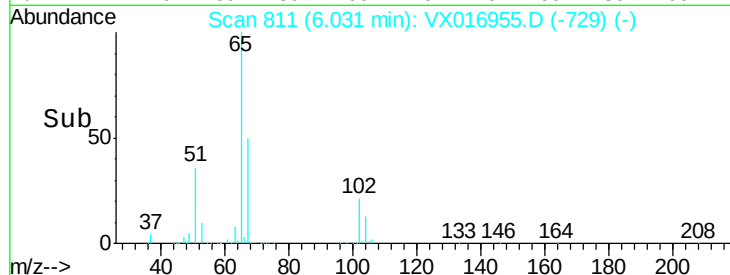
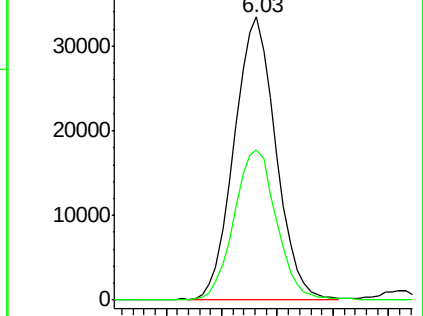
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

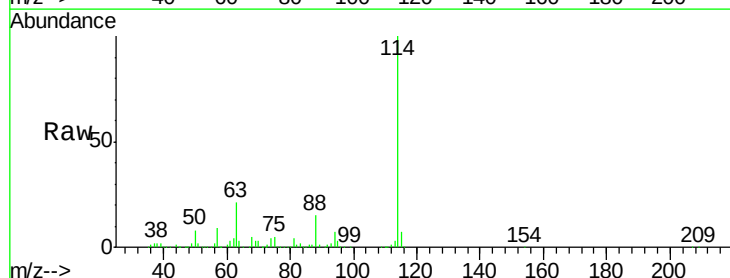
Tgt Ion: 114 Resp: 211953

Ion Ratio Lower Upper

114 100

63 20.8 17.4 26.2

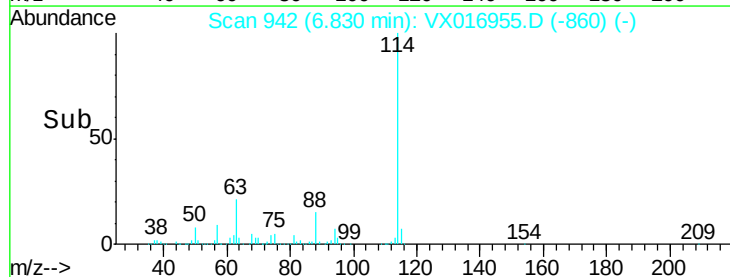
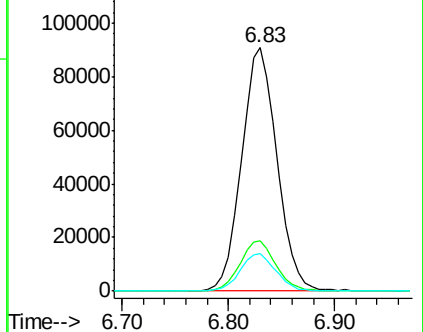
88 15.7 13.0 19.6

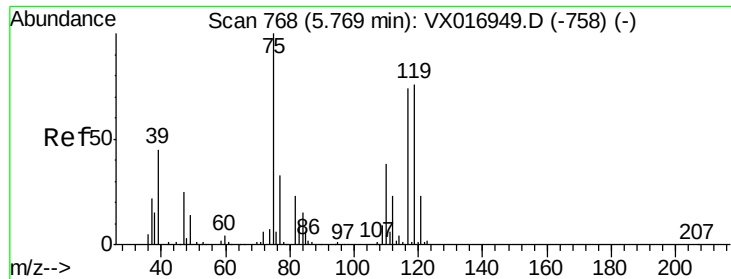


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 17.532 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

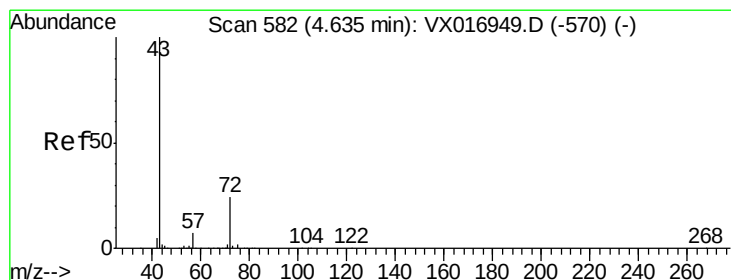
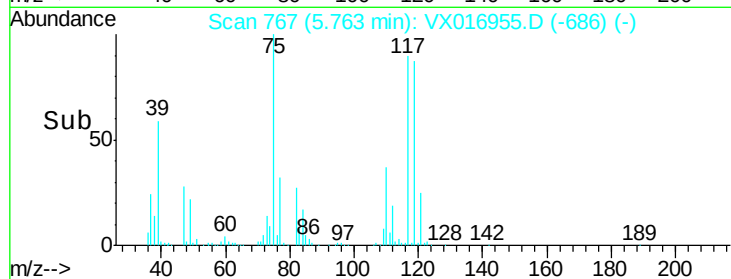
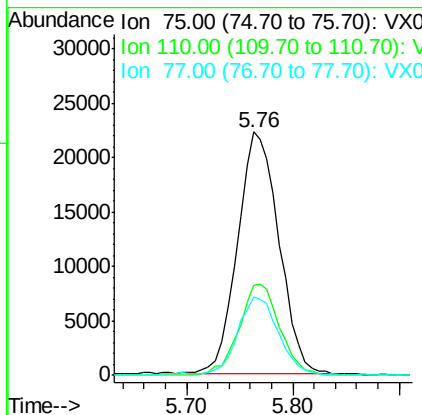
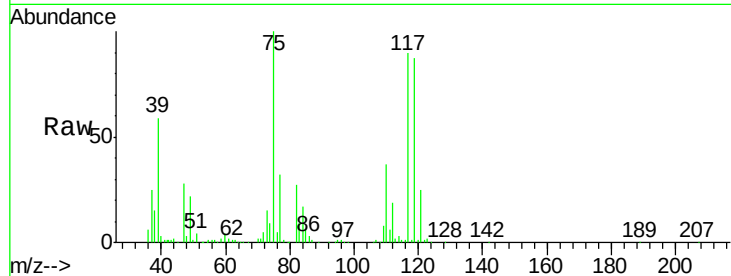
ClientSampleId :

VX0625WBS01

Tot Ion:	75	Resp:	60534
Ion	Ratio	Lower	Upper
75	100		
110	37.2	0.0	71.6
77	32.2	0.0	64.0

Manual Integrations
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#30

2-Butanone

Concen: 87.281 ug/l

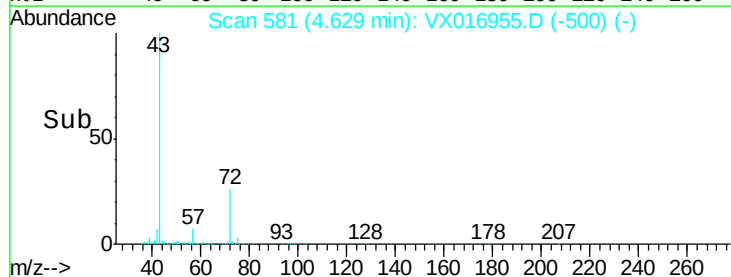
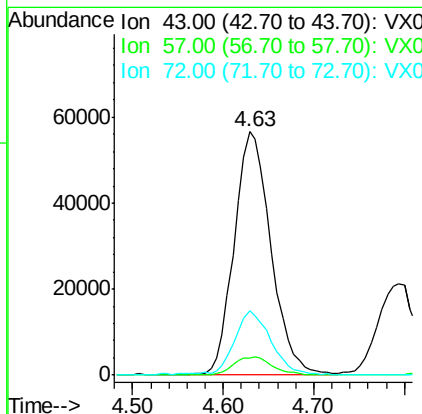
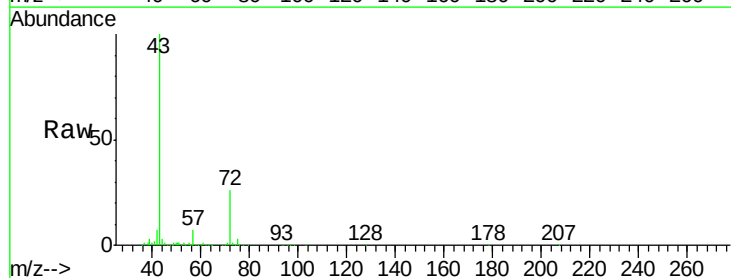
RT: 4.63 min Scan# 581

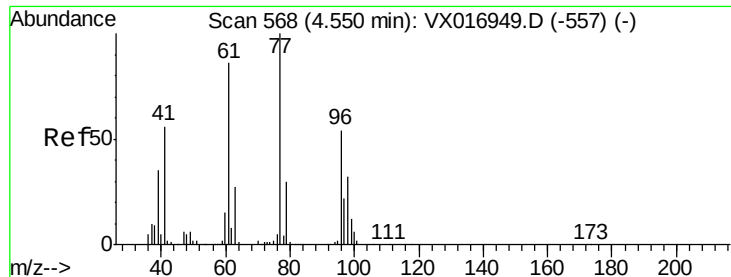
Delta R.T. -0.01 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Tgt Ion:	43	Resp:	157084
Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.2	9.4
72	26.3	20.6	31.0





#31

2,2-Dichloropropane

Concen: 18.222 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 77 Resp: 72155

Ion Ratio Lower Upper

77 100

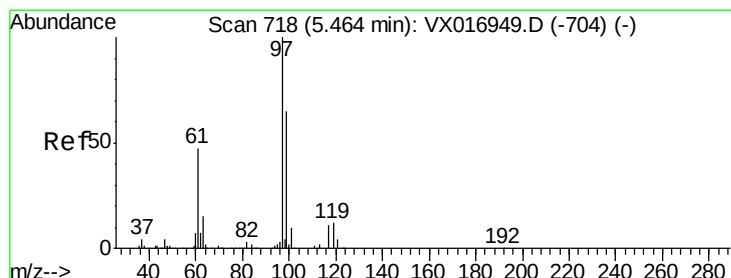
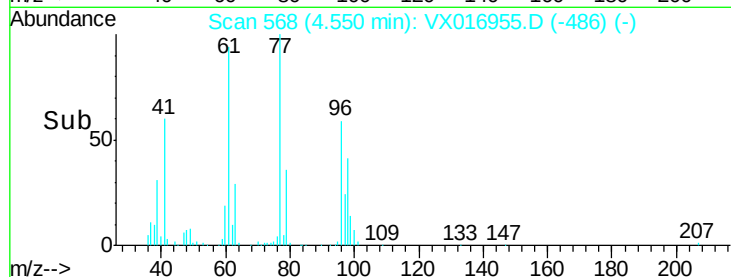
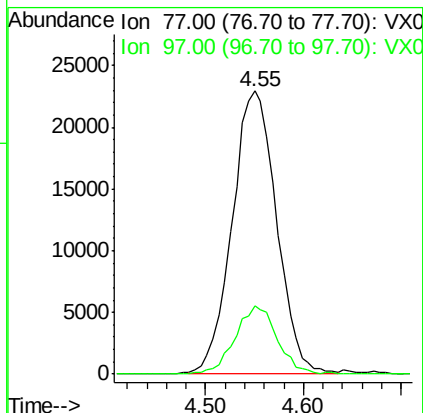
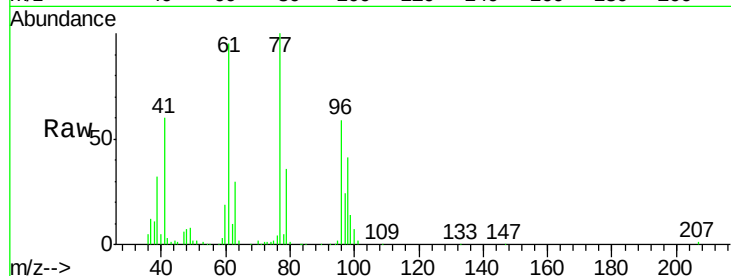
97 22.7 18.5 27.7

Manual Integrations

APPROVED

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#32

1,1,1-Trichloroethane

Concen: 17.769 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

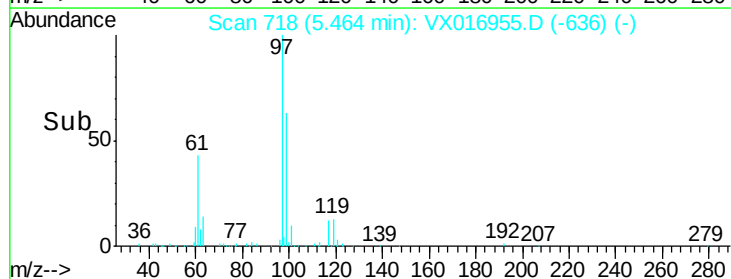
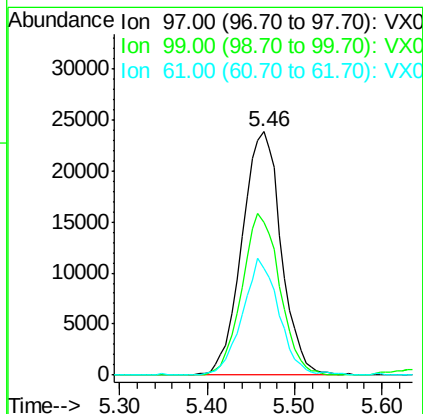
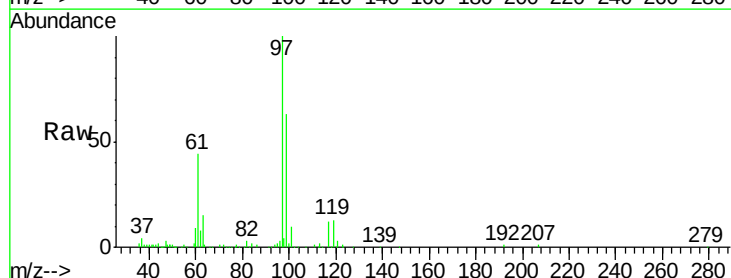
Tgt Ion: 97 Resp: 74238

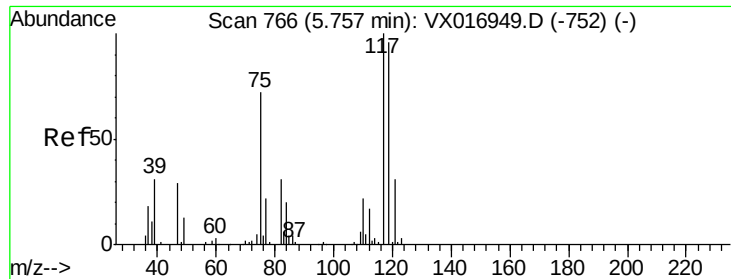
Ion Ratio Lower Upper

97 100

99 64.3 52.2 78.2

61 44.4 36.9 55.3





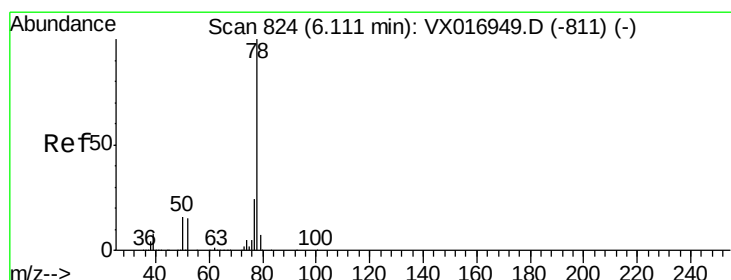
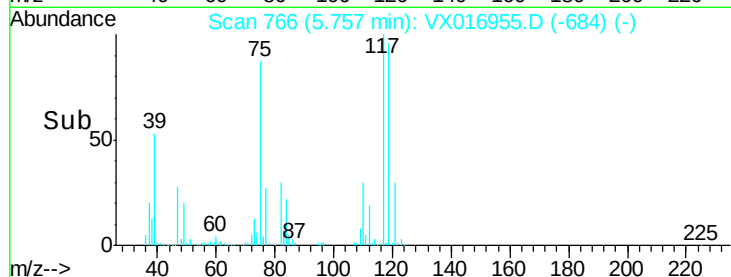
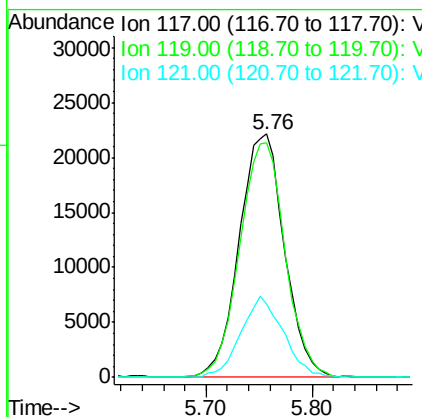
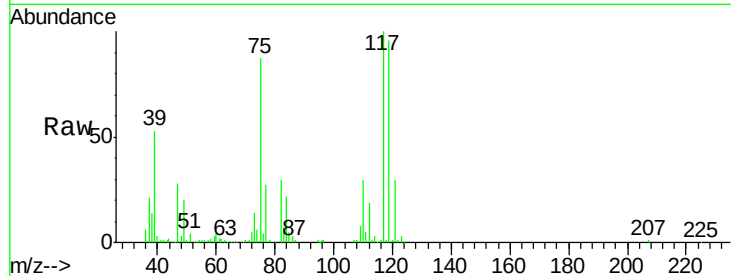
#33
Carbon Tetrachloride
Concen: 17.815 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.0	115.4
121	30.4	25.0	37.4

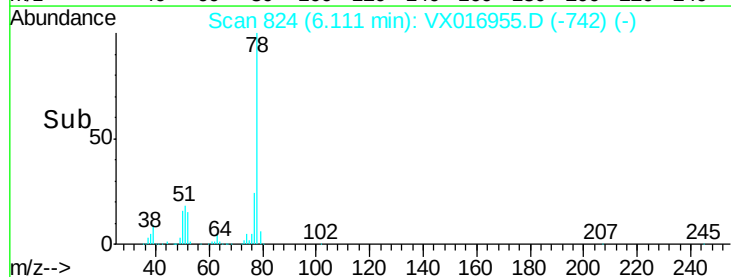
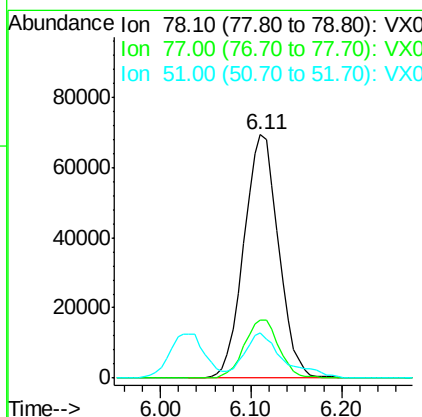
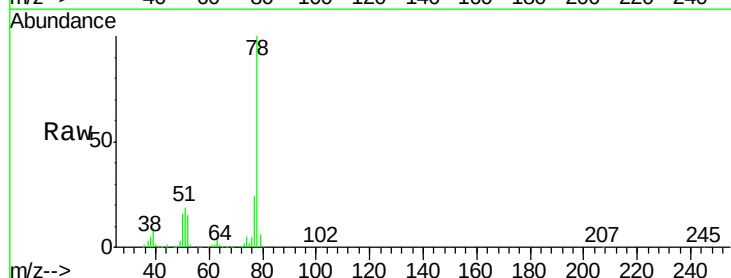
Manual Integrations
APPROVED

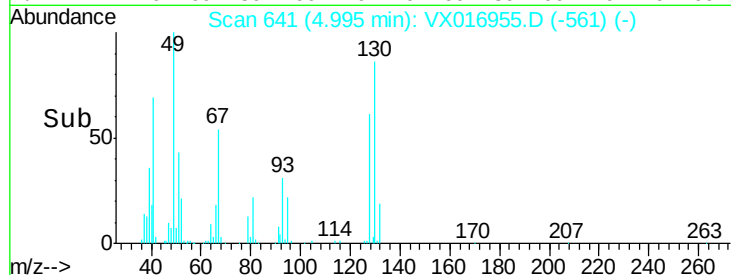
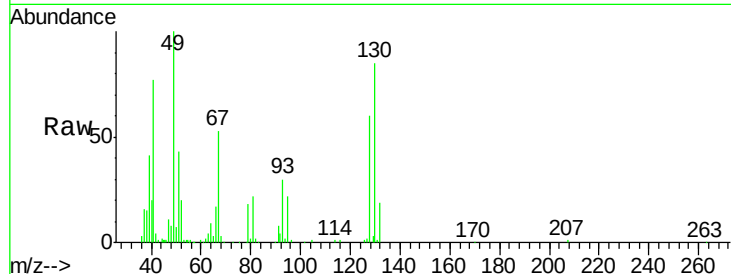
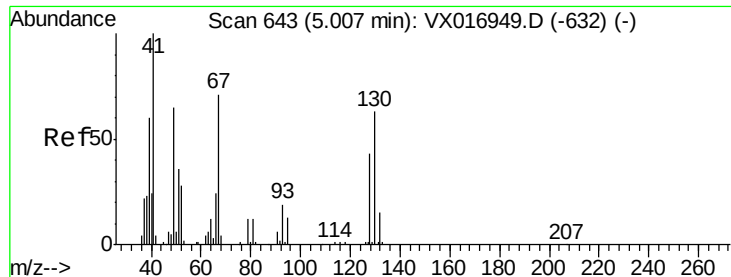
MMDadoda
6/26/2020 3:34:14 PM



#34
Benzene
Concen: 18.163 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

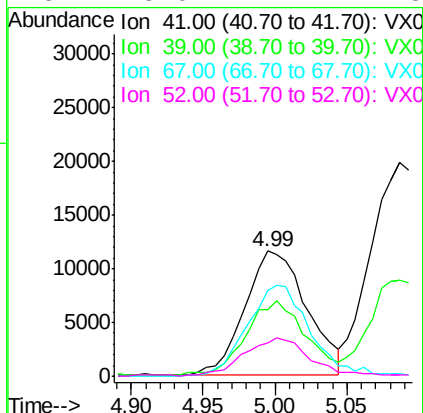
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.6
51	18.0	12.8	19.2





#35
Methacrylonitrile
Concen: 17.430 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

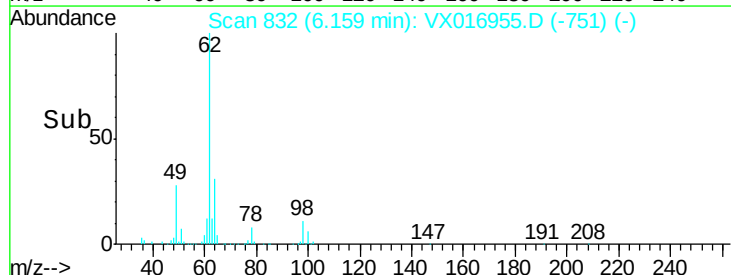
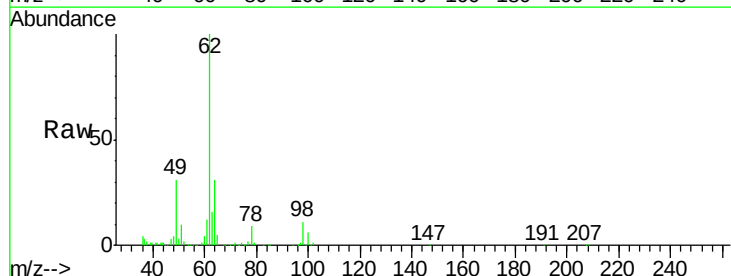
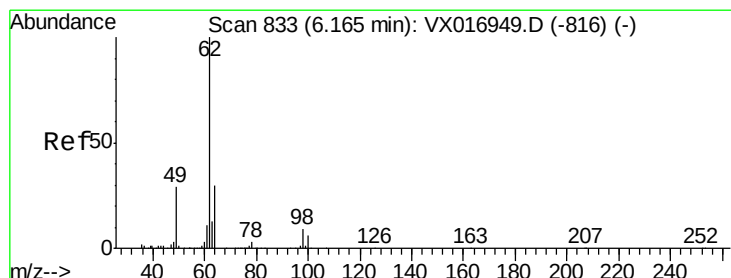
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.0	29.8	89.5	
67	68.1	35.3	105.9	
52	25.0	14.1	42.3	



Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

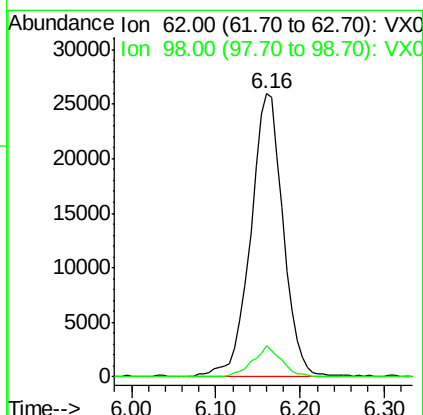
Manual Integrations
APPROVED

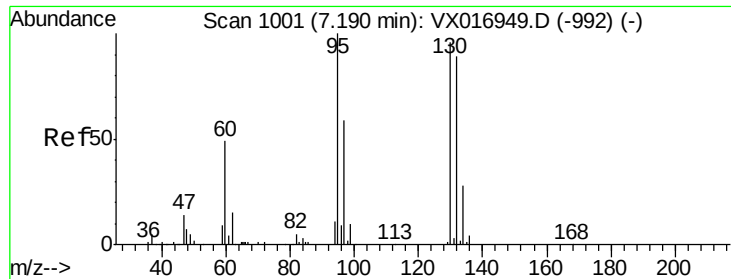
MMDadoda
6/26/2020 3:34:14 PM



#36
1,2-Dichloroethane
Concen: 17.864 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.7	7.6	11.4	





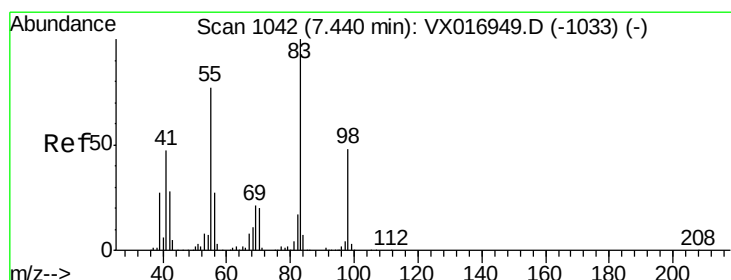
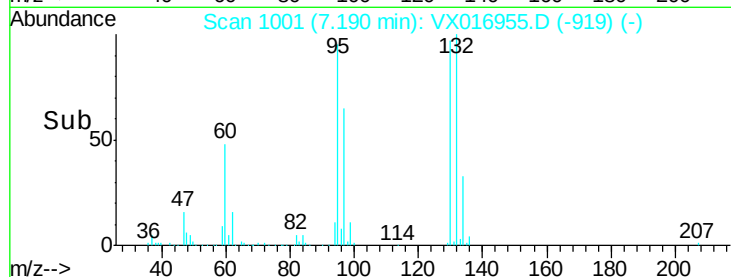
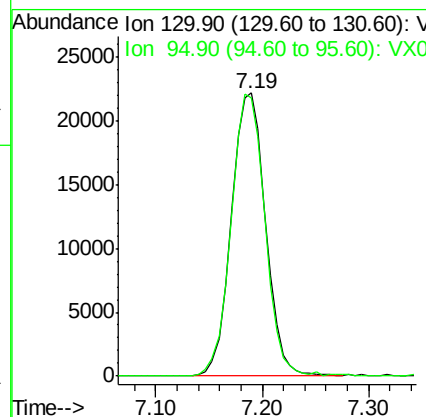
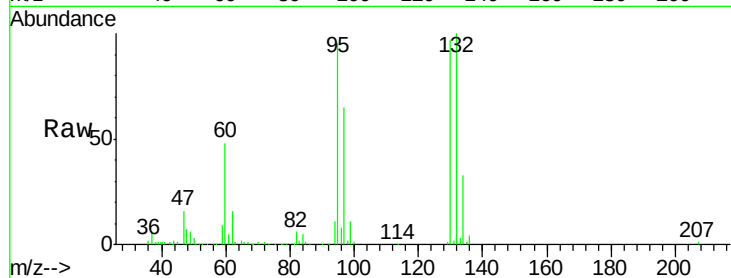
#37
 Trichloroethene
 Concen: 18.174 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion:130 Resp: 49858
 Ion Ratio Lower Upper
 130 100
 95 98.1 83.1 124.7

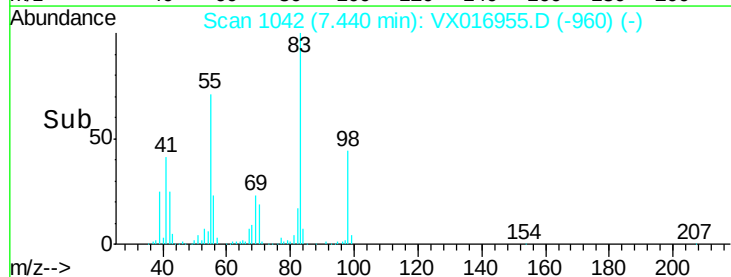
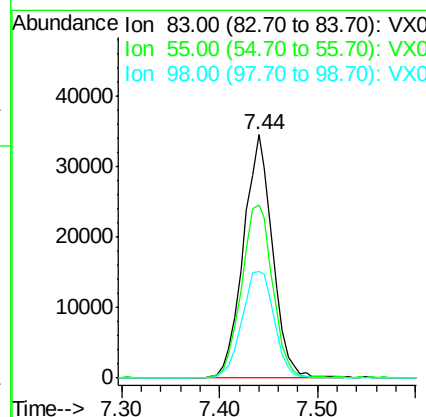
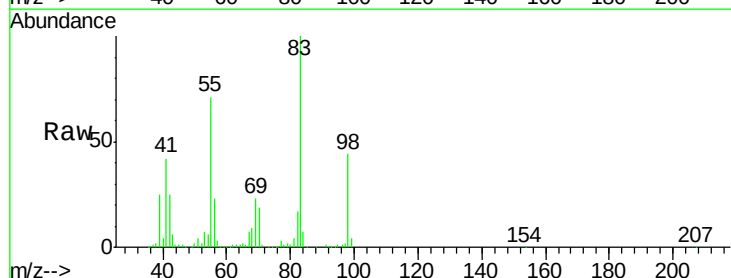
Manual Integrations
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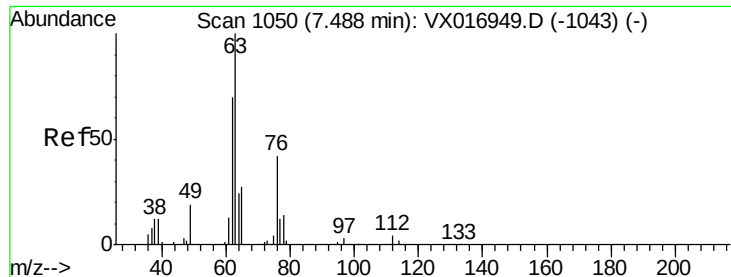
MMDadoda
 6/26/2020 3:34:14 PM



#38
 Methylcyclohexane
 Concen: 18.240 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Tgt Ion: 83 Resp: 71722
 Ion Ratio Lower Upper
 83 100
 55 75.4 38.1 114.5
 98 47.7 24.6 73.6





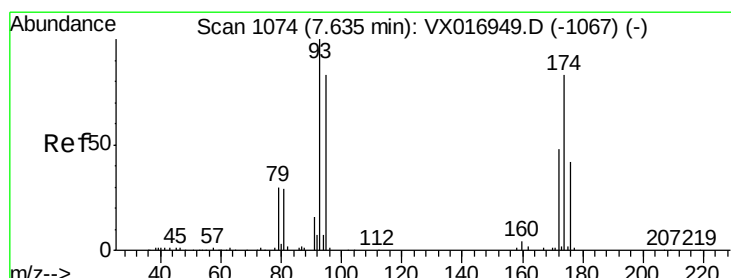
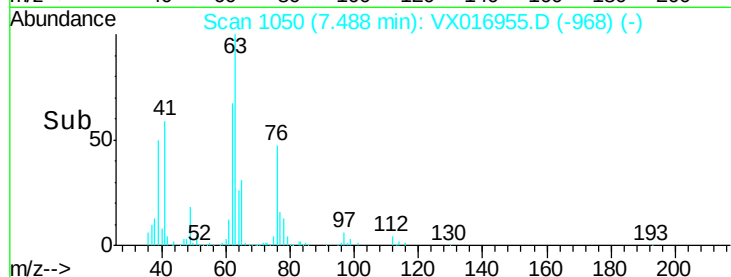
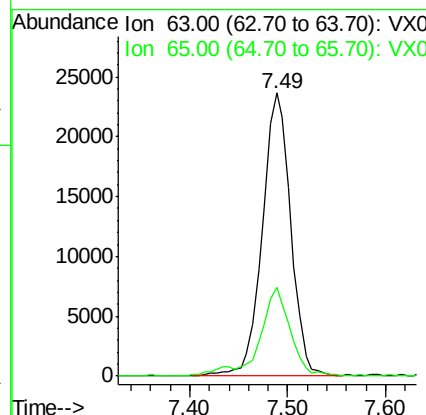
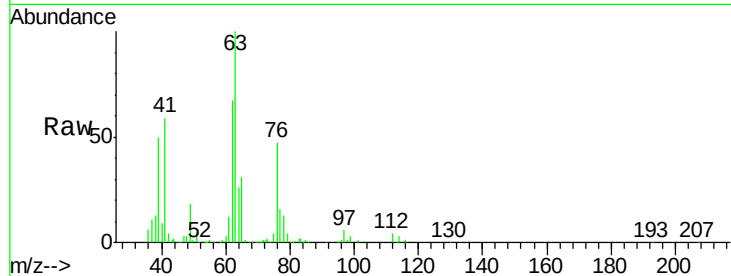
#39
 1,2-Dichloropropane
 Concen: 18.328 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0625WBS01

Tot Ion: 63 Resp: 48006
 Ion Ratio Lower Upper
 63 100
 65 31.5 22.8 34.2

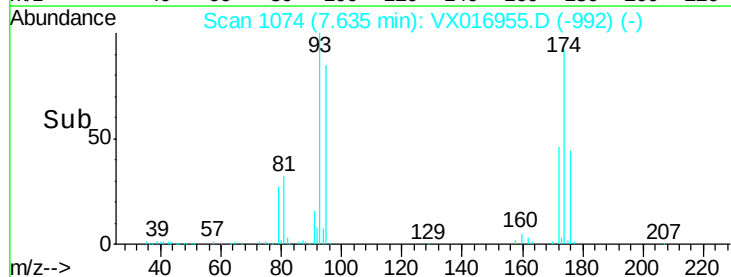
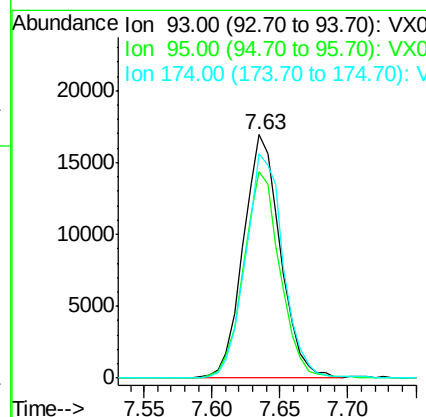
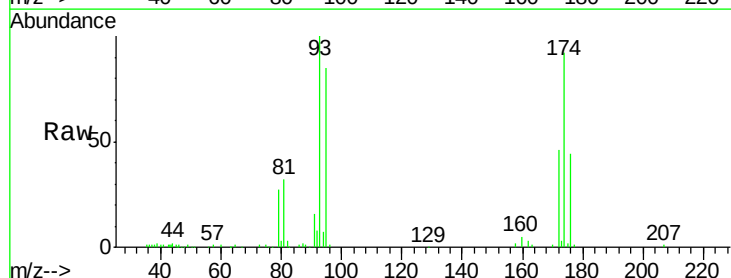
Manual Integrations
 APPROVED

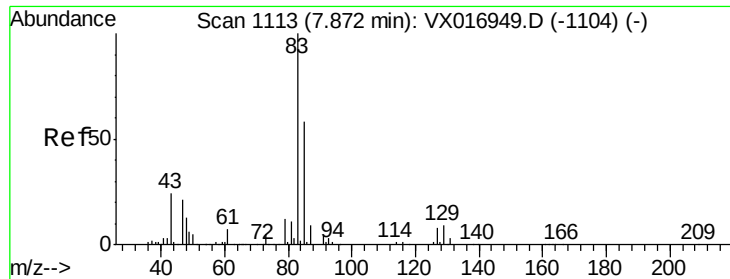
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 6/26/2020 3:34:14 PM



#40
 Dibromomethane
 Concen: 17.939 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Tgt Ion: 93 Resp: 32383
 Ion Ratio Lower Upper
 93 100
 95 83.0 0.0 165.4
 174 93.3 0.0 192.0





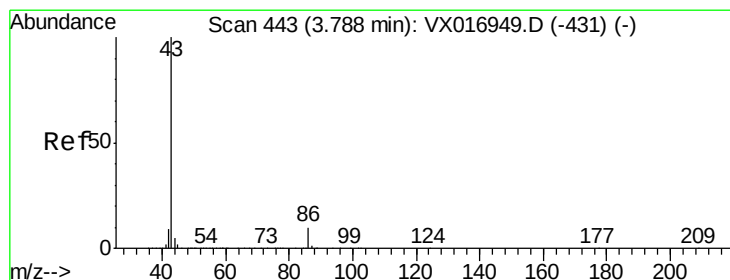
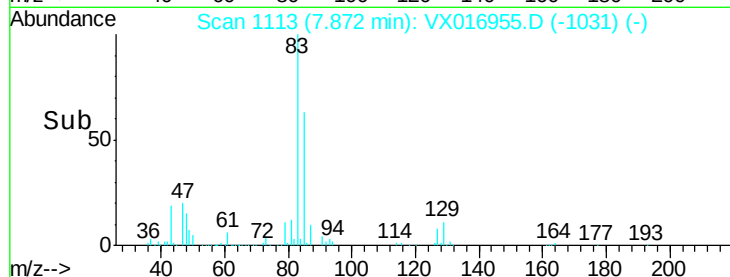
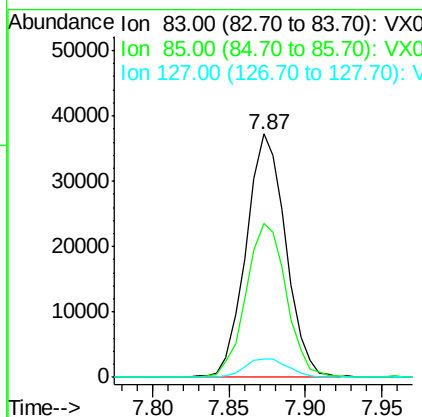
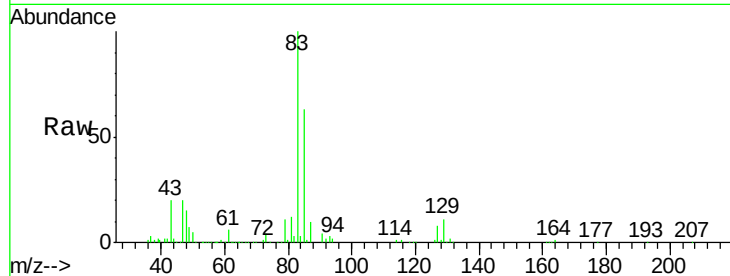
#41
Bromodichloromethane
Concen: 17.925 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	83	Resp	67006
Ion Ratio	100	Lower	Upper
83	100		
85	63.3	46.7	70.1
127	7.5	6.5	9.7

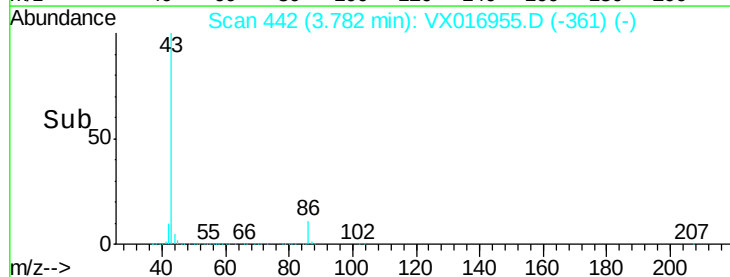
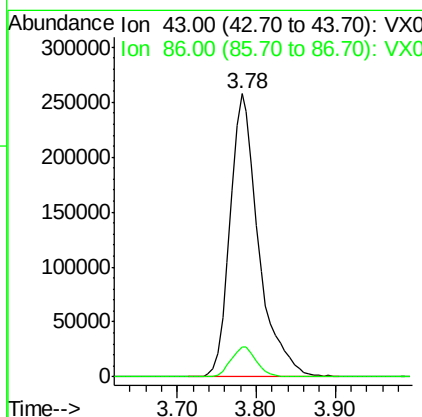
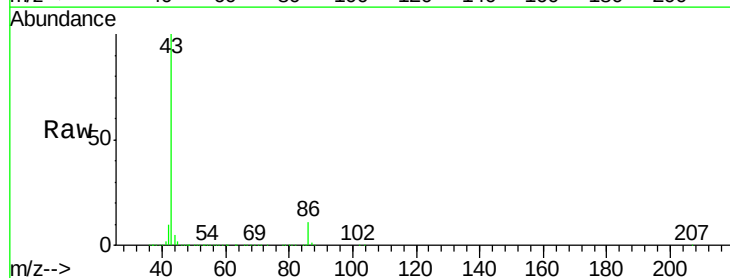
Manual Integrations
APPROVED

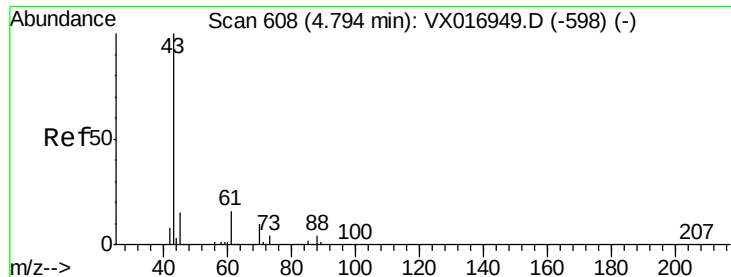
MMDadoda
6/26/2020 3:34:14 PM



#42
Vinyl Acetate
Concen: 89.267 ug/l
RT: 3.78 min Scan# 442
Delta R.T. -0.01 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	43	Resp	647421
Ion Ratio	100	Lower	Upper
43	100		
86	9.5	7.4	11.2





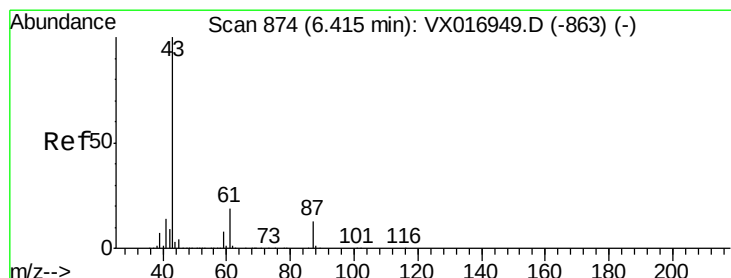
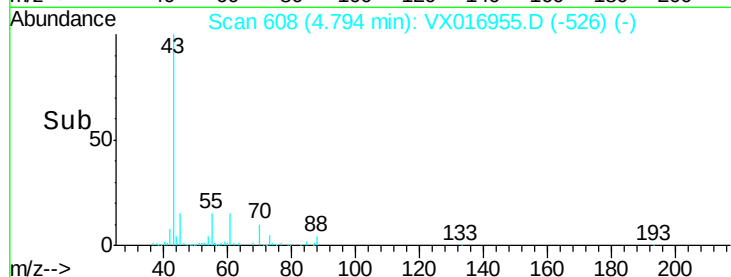
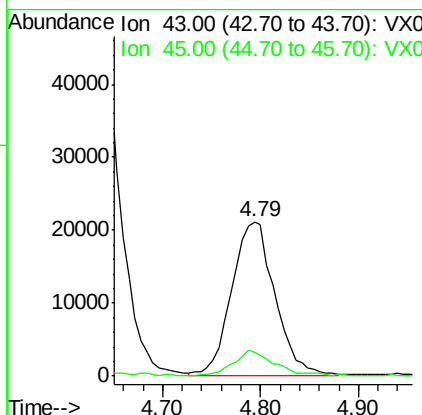
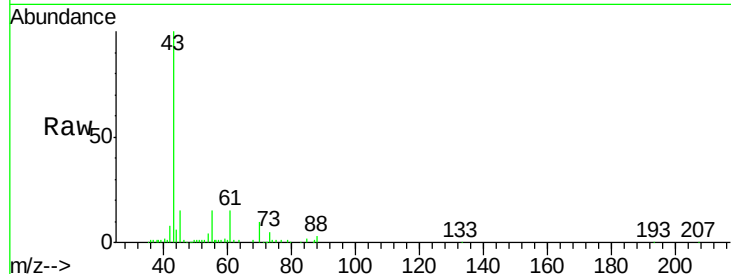
#43
Ethyl Acetate
Concen: 17.291 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	14.4	11.8	17.6	

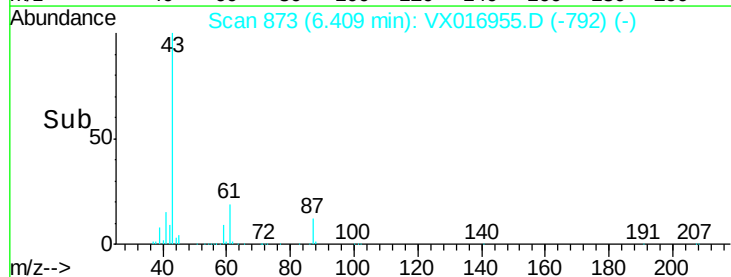
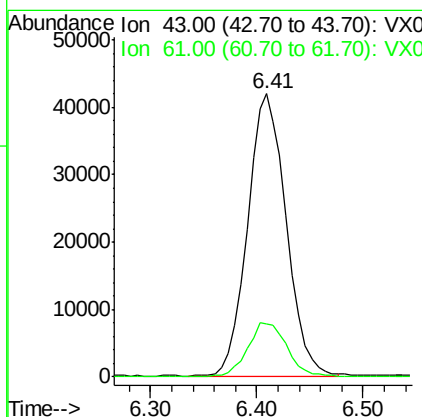
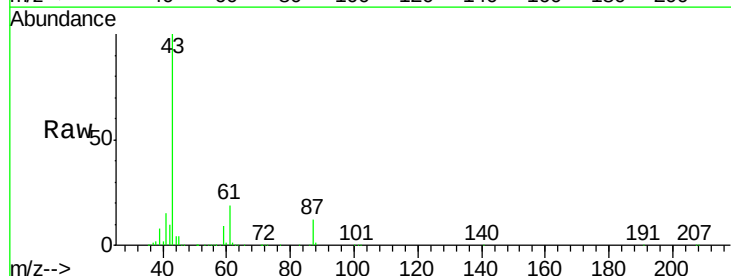
Manual Integrations
APPROVED

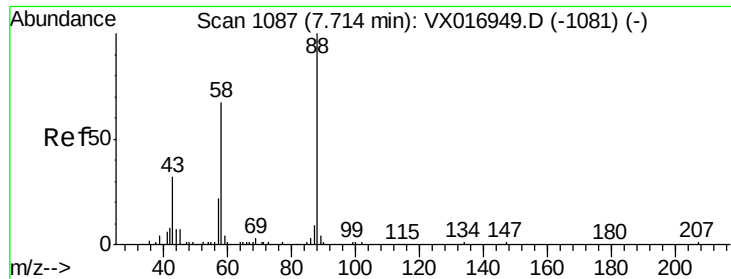
MMDadoda
6/26/2020 3:34:14 PM



#44
Isopropyl Acetate
Concen: 17.271 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	19.8	15.4	23.2	





#45

1,4-Dioxane

Concen: 370.115 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

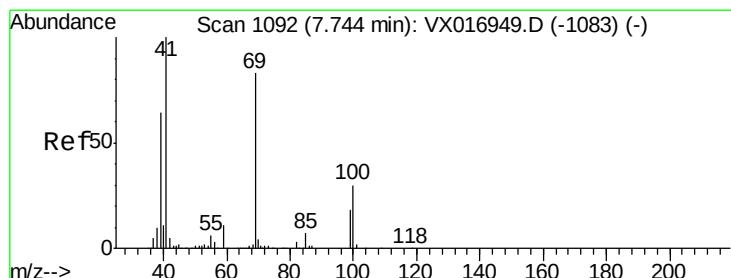
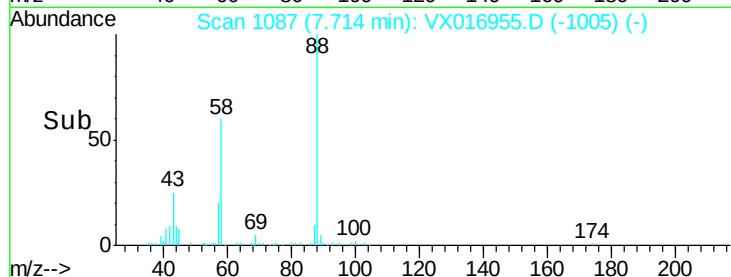
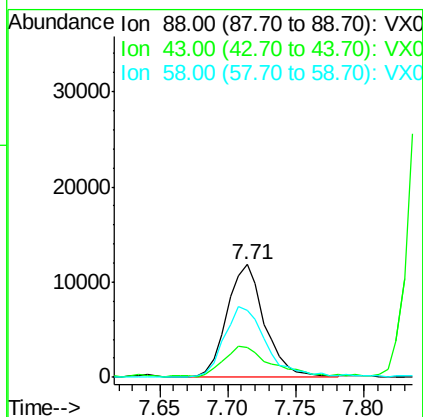
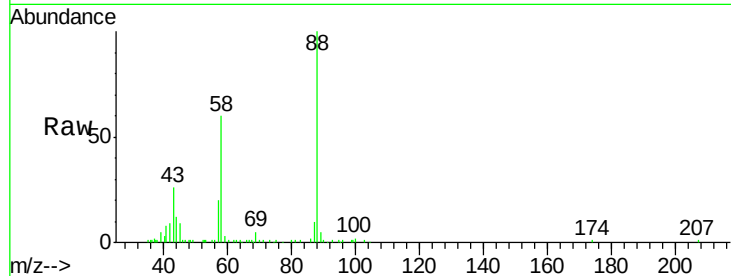
ClientSampleId :

VX0625WBS01

Tot Ion:	88	Resp:	22944
Ion	Ratio	Lower	Upper
88	100		
43	33.0	28.9	43.3
58	68.9	56.7	85.1

Manual Integrations
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MMDadoda
6/26/2020 3:34:14 PM



#46

Methyl methacrylate

Concen: 17.233 ug/l

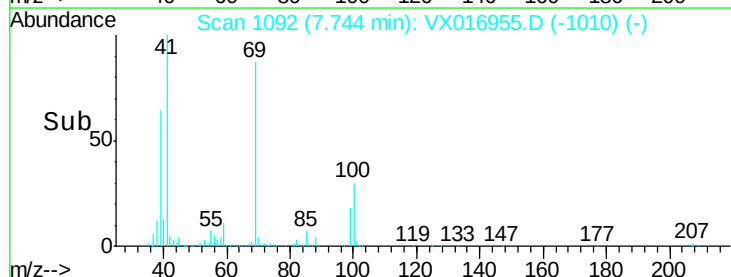
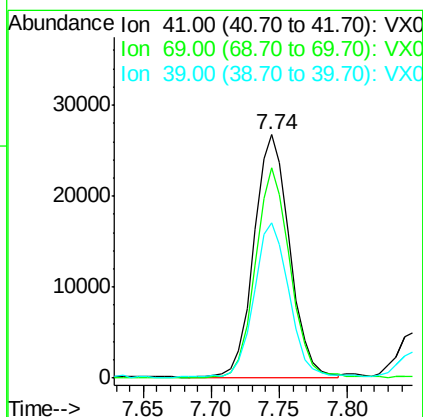
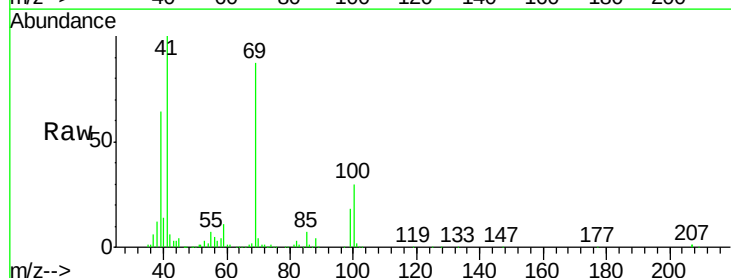
RT: 7.74 min Scan# 1092

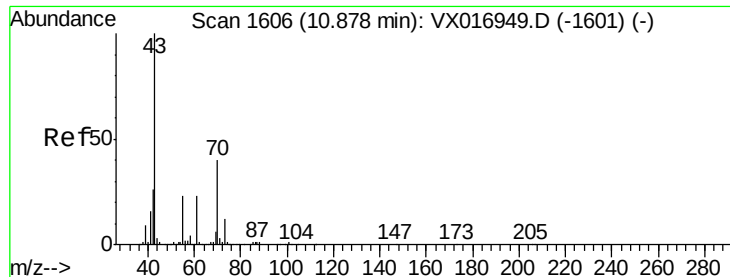
Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Tgt Ion:	41	Resp:	49004
Ion	Ratio	Lower	Upper
41	100		
69	86.9	41.3	123.9
39	63.2	32.0	96.2





#47

n-amvl Acetate

Concen: 16.713 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 43 Resp: 90778

Ion Ratio Lower Upper

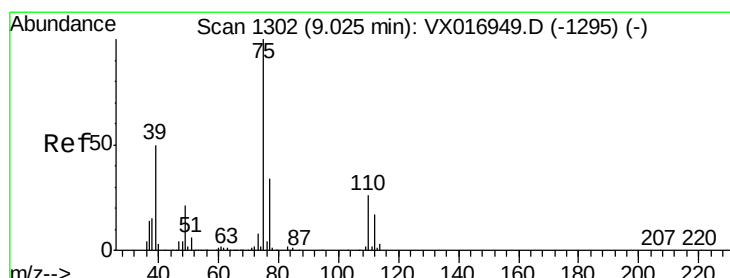
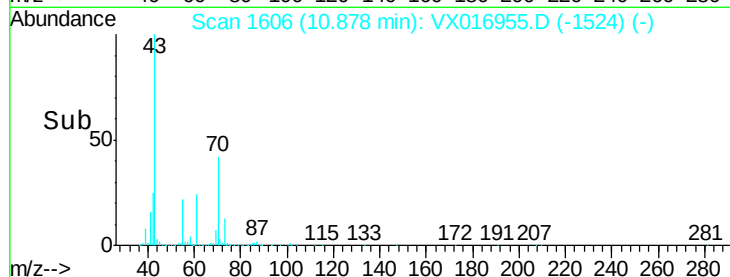
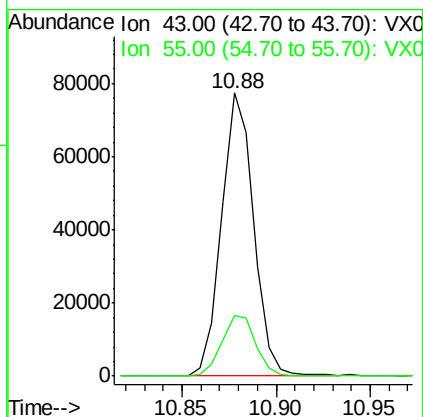
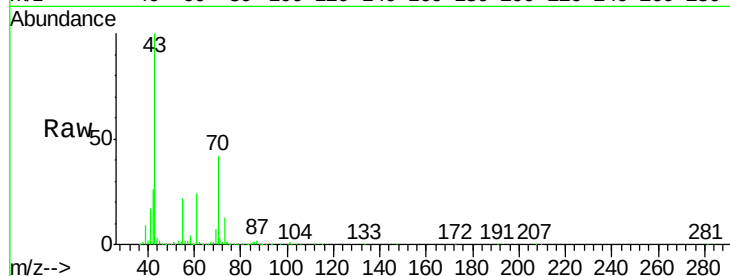
43 100

55 22.6 18.6 27.8

Manual Integrations
APPROVED

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#48

t-1,3-Dichloropropene

Concen: 17.999 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016955.D

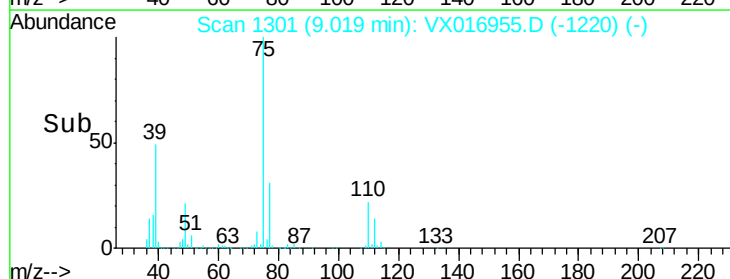
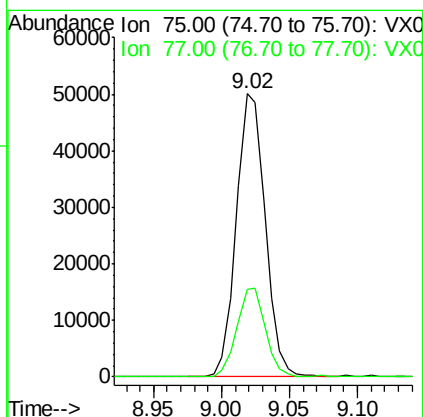
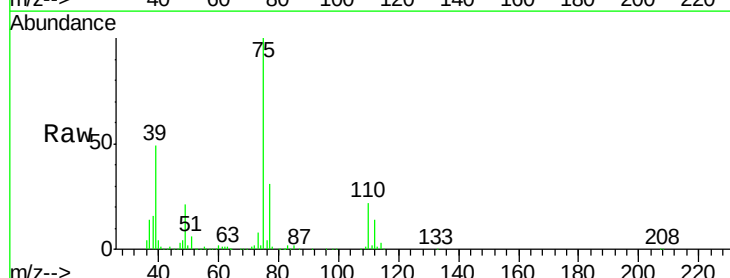
Acq: 25 Jun 2020 15:51

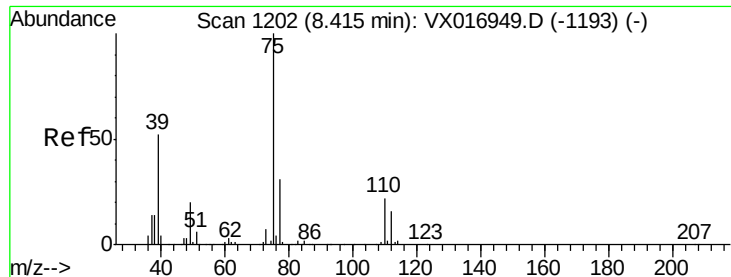
Tgt Ion: 75 Resp: 74393

Ion Ratio Lower Upper

75 100

77 31.0 27.0 40.4





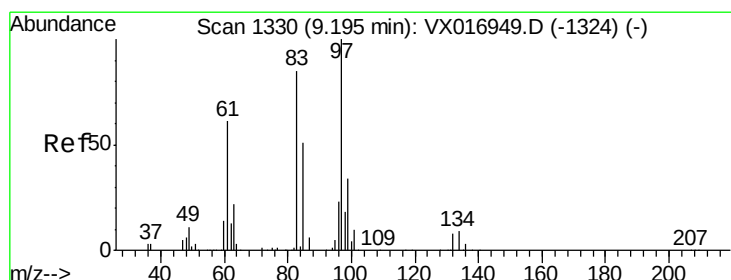
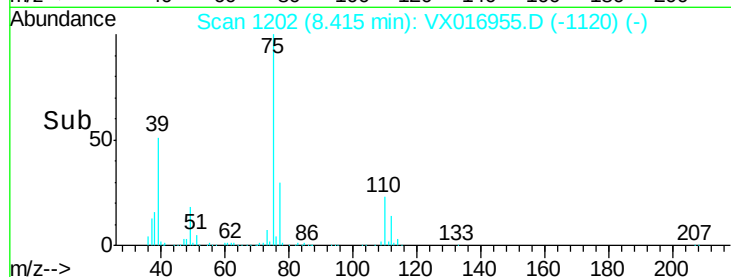
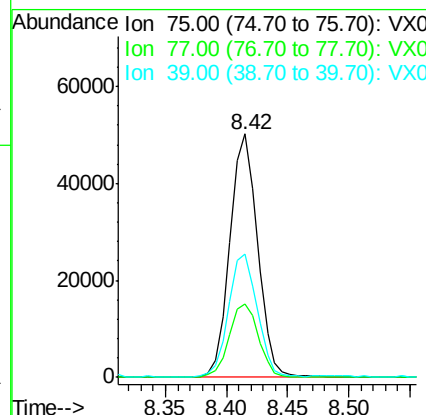
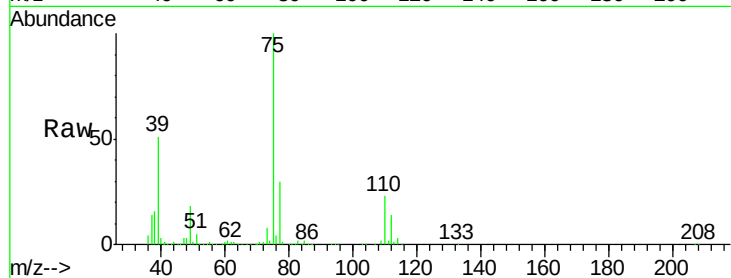
#49
 cis-1,3-Dichloropropene
 Concen: 18.087 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	24.8	37.2
39	50.5	41.8	62.6

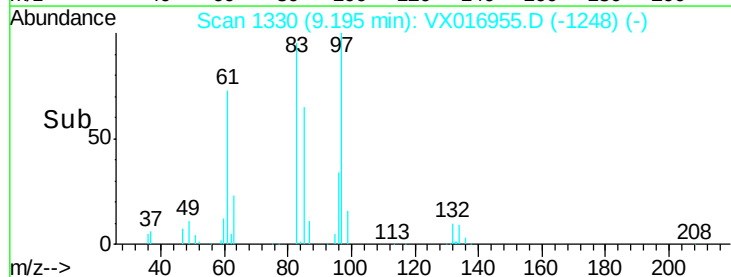
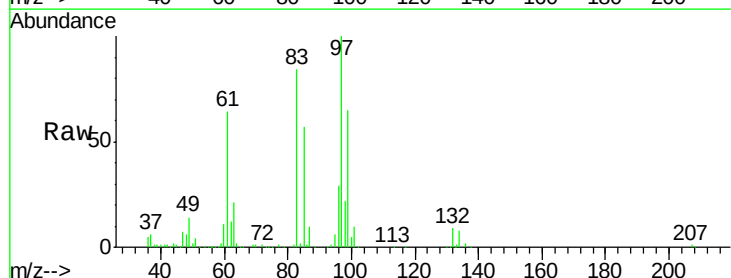
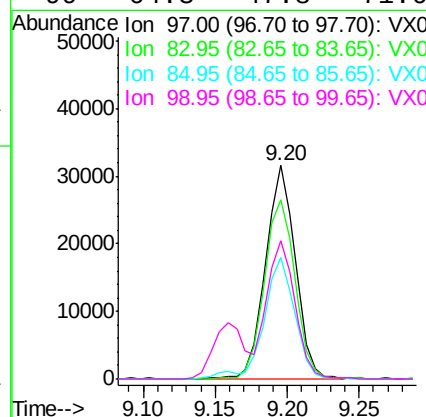
Manual Integrations
 APPROVED

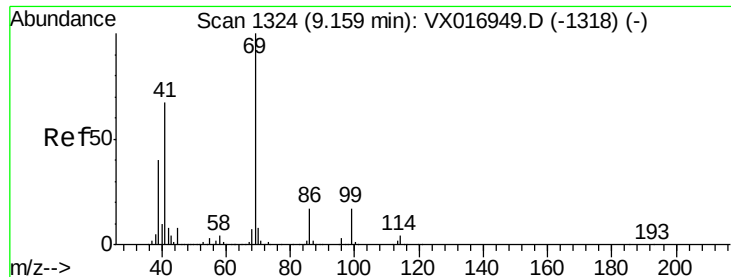
MMDadoda
 6/26/2020 3:34:14 PM



#50
 1,1,2-Trichloroethane
 Concen: 17.916 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.4	101.0
85	56.5	42.9	64.3
99	64.3	47.8	71.6





#51

Ethyl methacrylate

Concen: 17.136 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

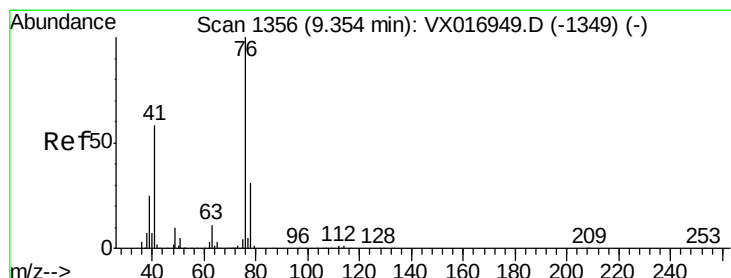
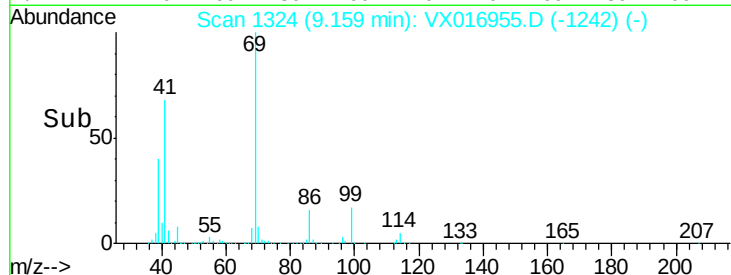
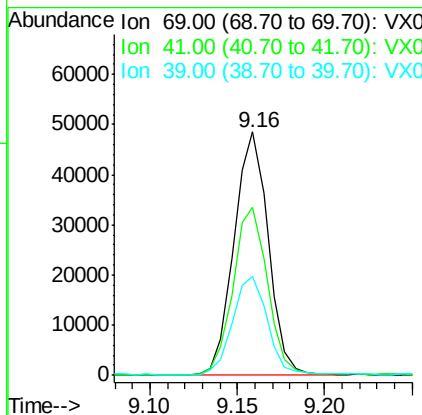
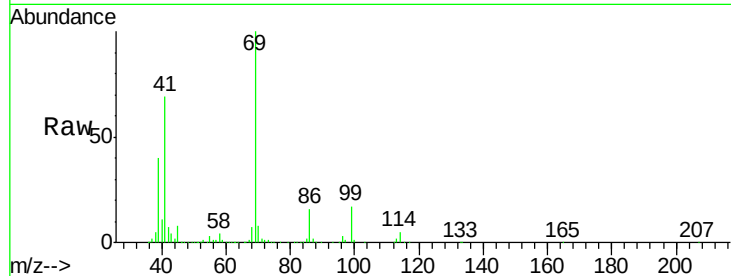
ClientSampleId :

VX0625WBS01

Tot Ion:	69	Resp:	66255
Ion	Ratio	Lower	Upper
69	100		
41	68.5	33.7	101.1
39	40.1	19.9	59.7

Manual Integrations
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MMDadoda
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#52

1,3-Dichloropropane

Concen: 18.148 ug/l

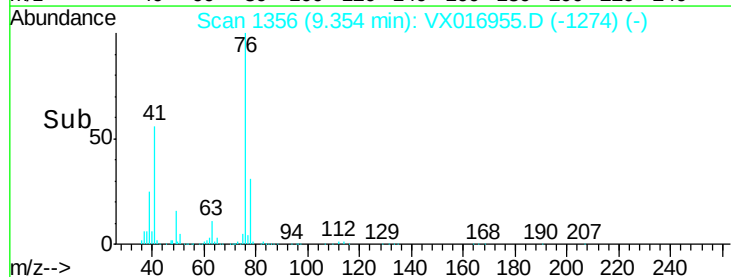
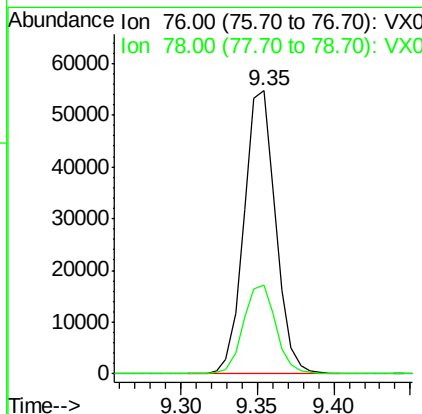
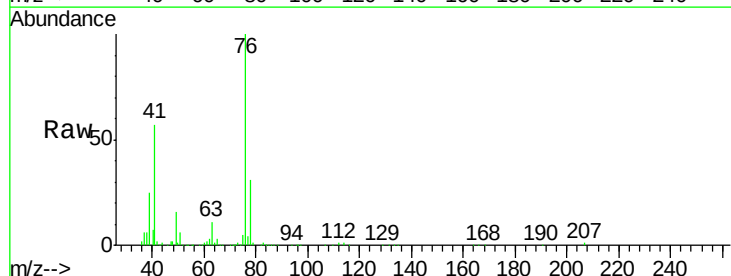
RT: 9.35 min Scan# 1356

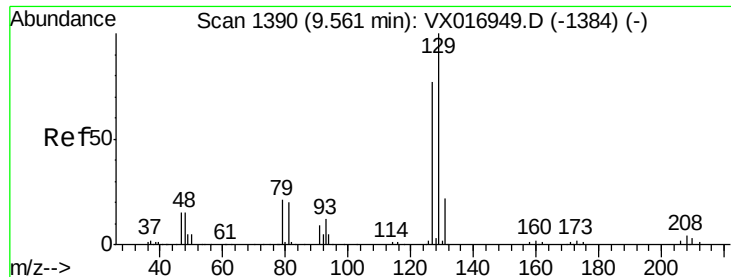
Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Tgt Ion:	76	Resp:	78498
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	62.4





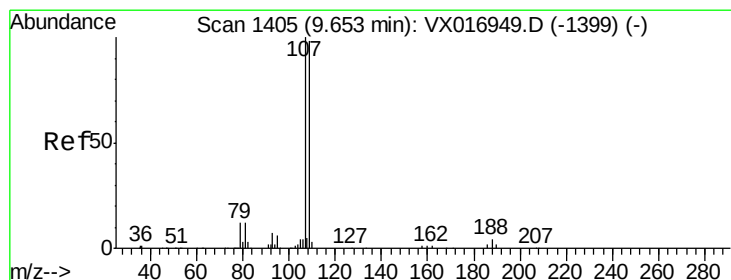
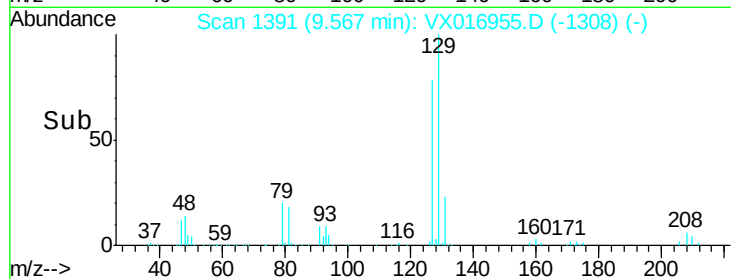
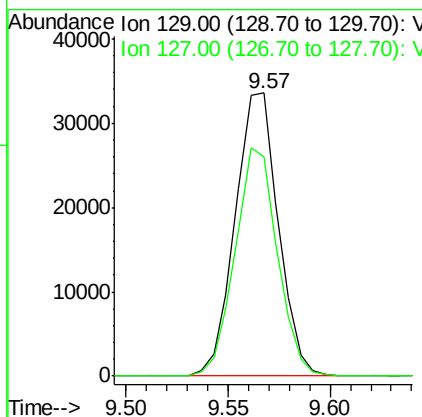
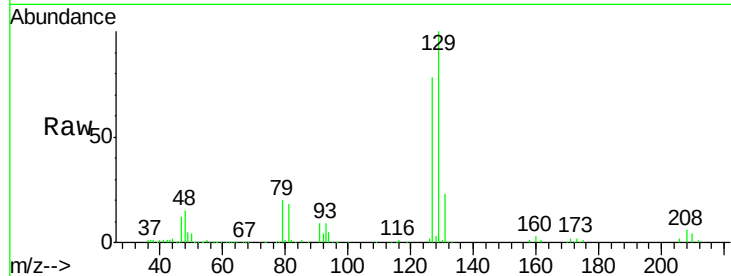
#53
 Dibromochloromethane
 Concen: 17.100 ug/l
 RT: 9.57 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion:129 Resp: 49517
 Ion Ratio Lower Upper
 129 100
 127 78.8 38.7 116.1

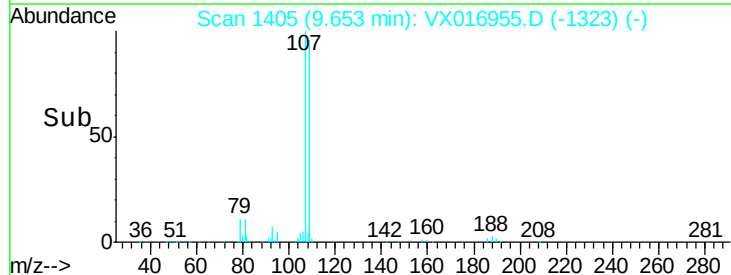
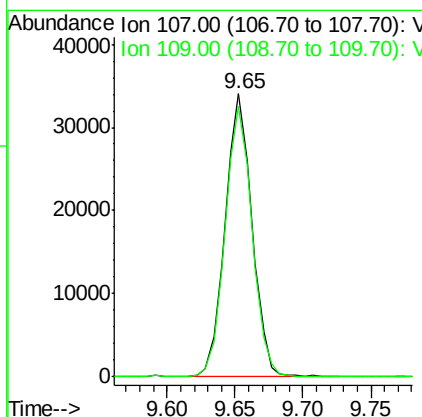
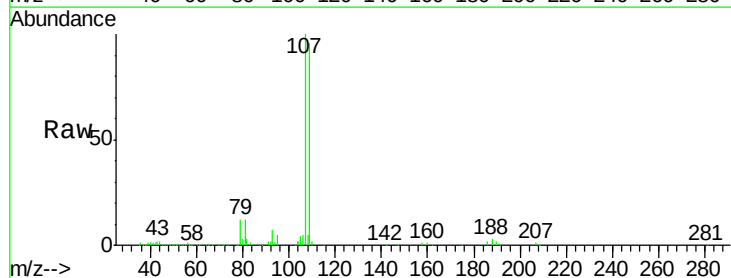
Manual Integrations
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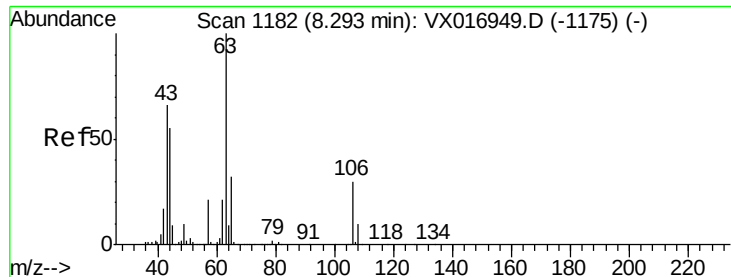
MMDadoda
 6/26/2020 3:34:14 PM



#54
 1,2-Dibromoethane
 Concen: 17.485 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Tgt Ion:107 Resp: 46745
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.0 112.6





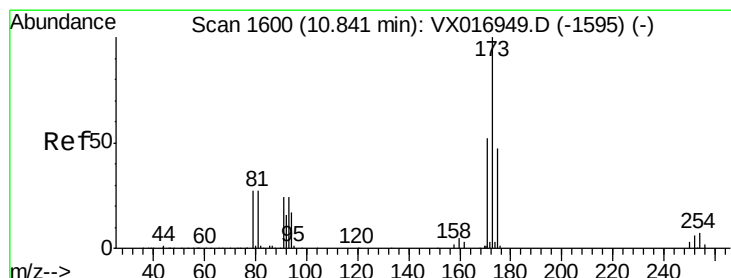
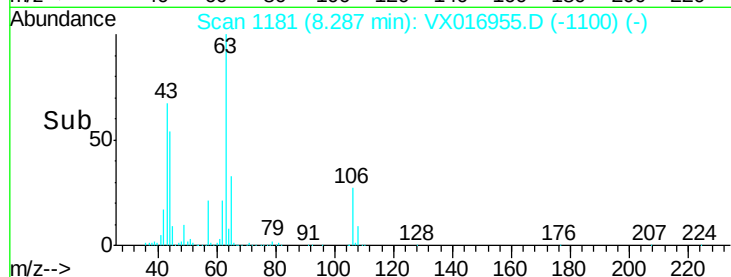
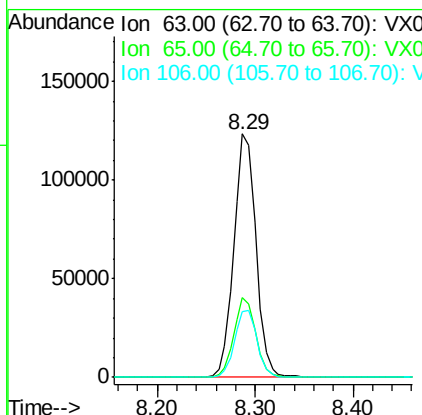
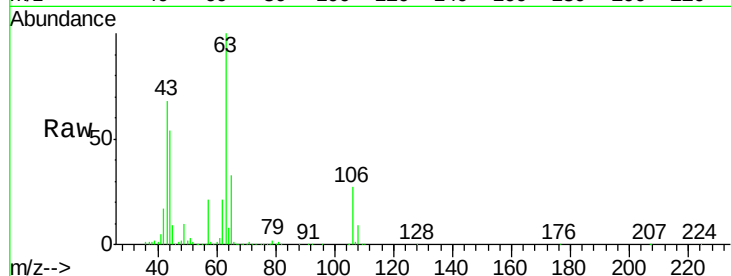
#55
2-Chloroethyl vinyl ether
Concen: 94.802 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.9	38.9
106	27.9	22.6	33.8

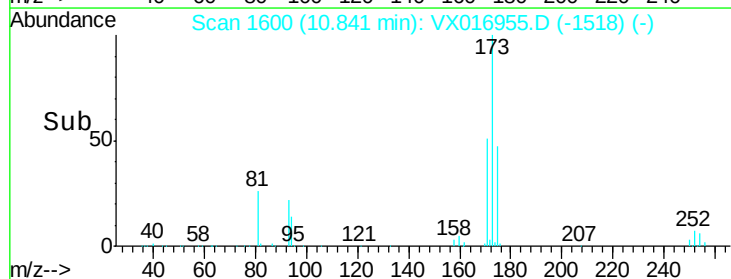
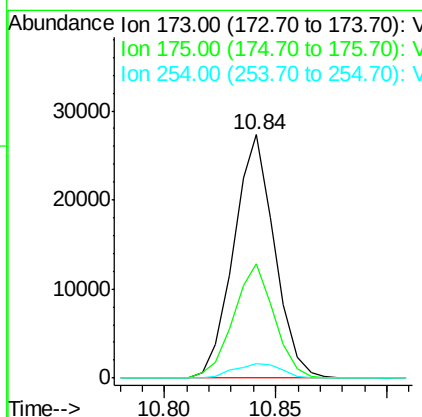
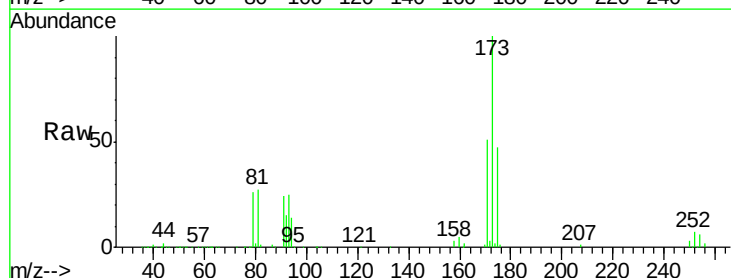
Manual Integrations
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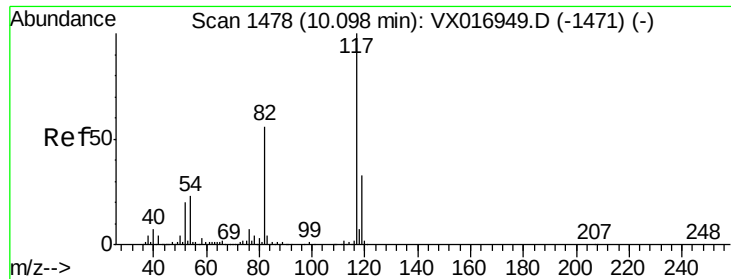
MMDadoda
6/26/2020 3:34:14 PM



#56
Bromoform
Concen: 16.970 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.0	38.7	58.1
254	7.0	5.8	8.6





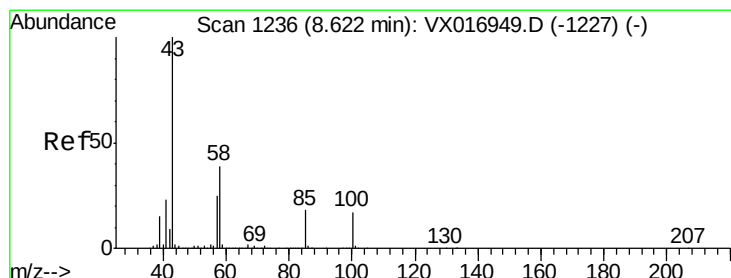
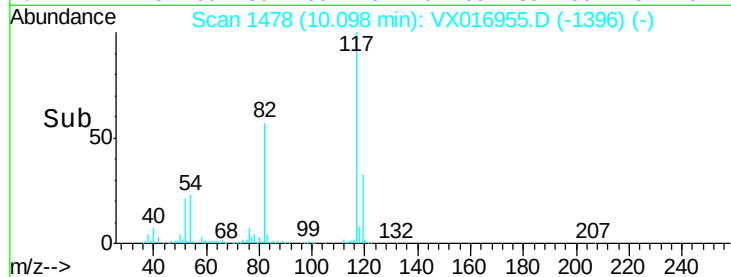
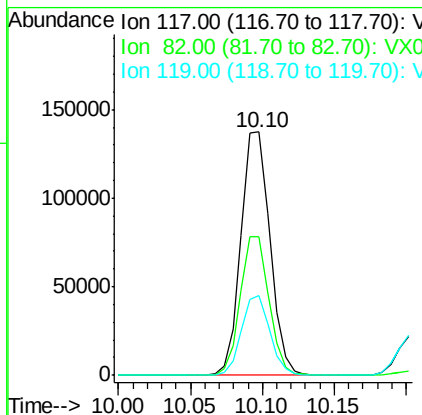
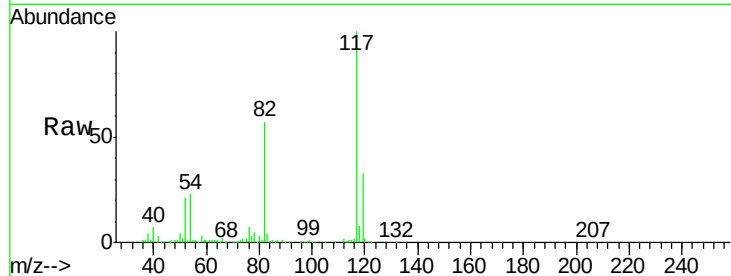
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.9	67.3
119	31.8	25.8	38.8

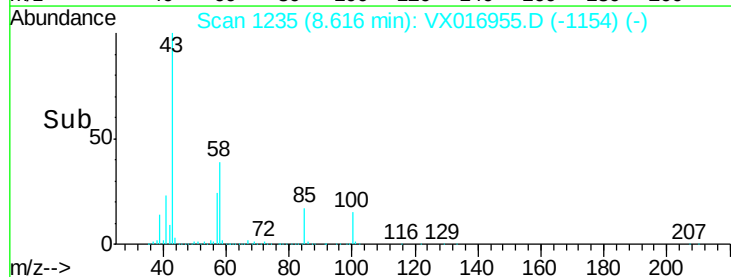
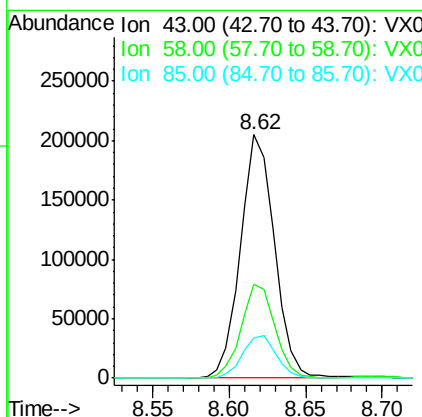
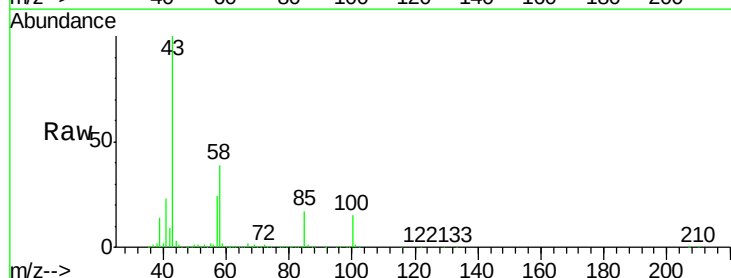
Manual Integrations
APPROVED

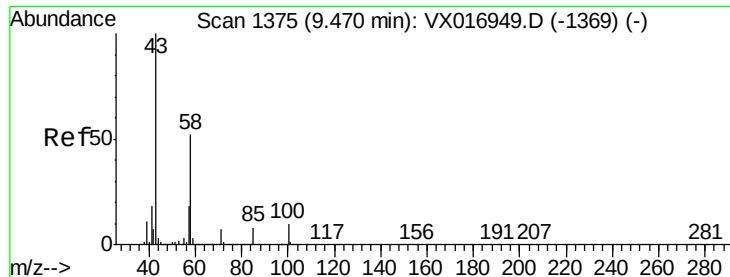
MMDadoda
6/26/2020 3:34:14 PM



#58
4-Methyl-2-Pentanone
Concen: 89.035 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.7	30.4	45.6
85	17.6	13.5	20.3





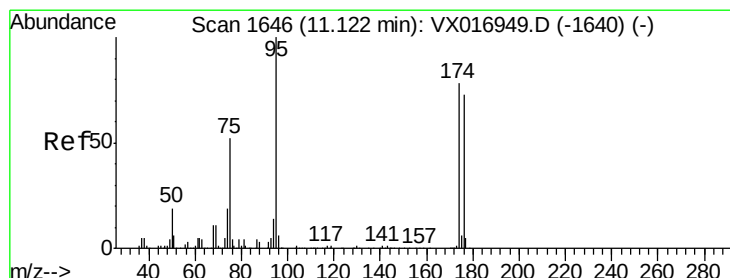
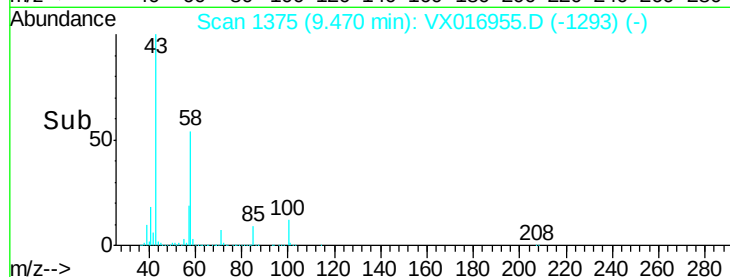
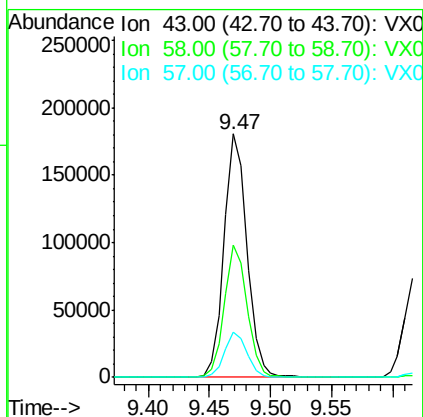
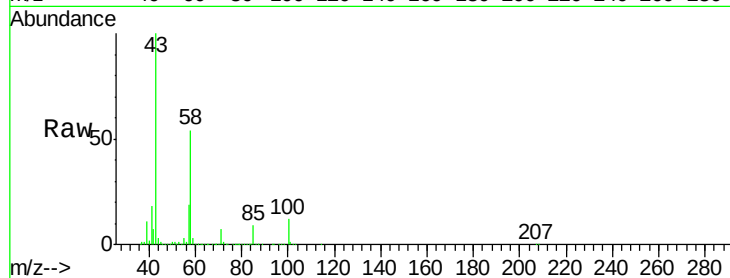
#59
2-Hexanone
Concen: 88.532 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.8	42.3	63.5
57	18.4	14.1	21.1

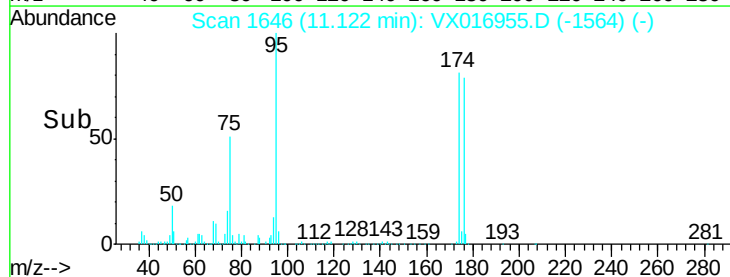
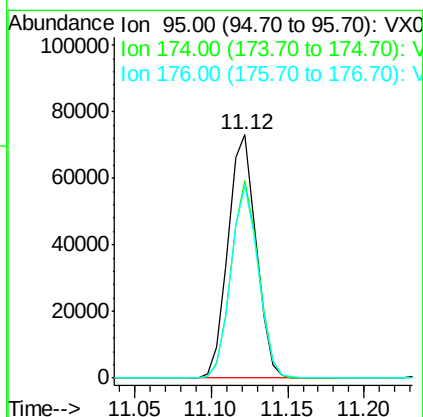
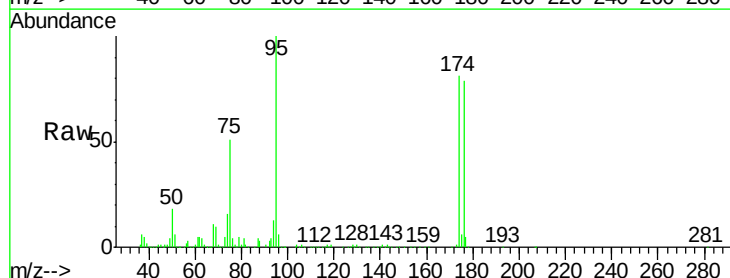
Manual Integrations
APPROVED

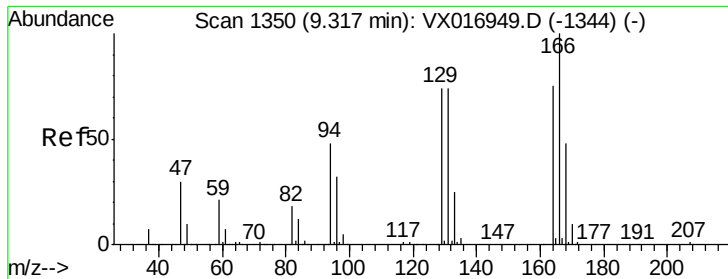
MMDadoda
6/26/2020 3:34:14 PM



#60
4-Bromofluorobenzene
Concen: 28.924 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.5	62.2	93.4
176	77.0	58.9	88.3





#61

Tetrachloroethene

Concen: 18.728 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion:164 Resp: 46107

Ion Ratio Lower Upper

164 100

166 128.1 106.3 159.5

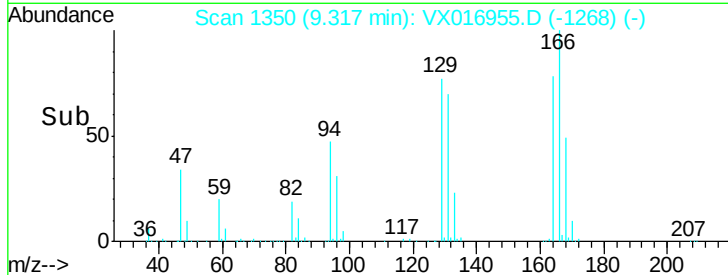
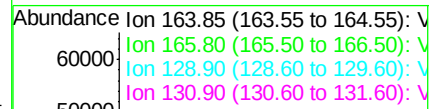
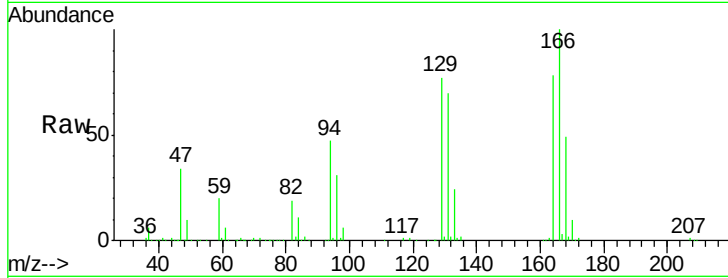
129 98.2 78.9 118.3

131 89.6 78.2 117.4

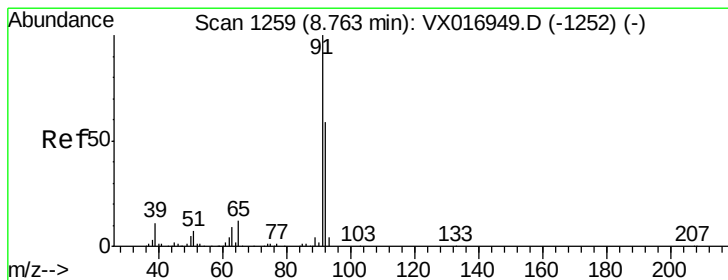
Manual Integrations
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Time-->



#62

Toluene

Concen: 18.510 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016955.D

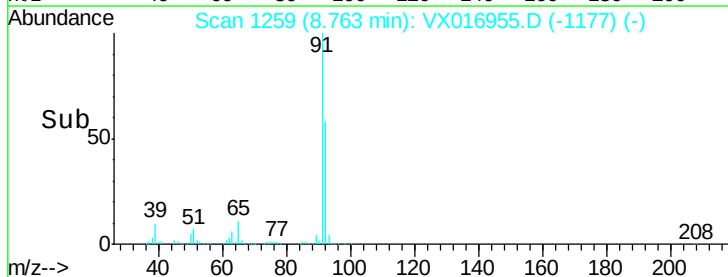
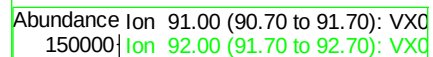
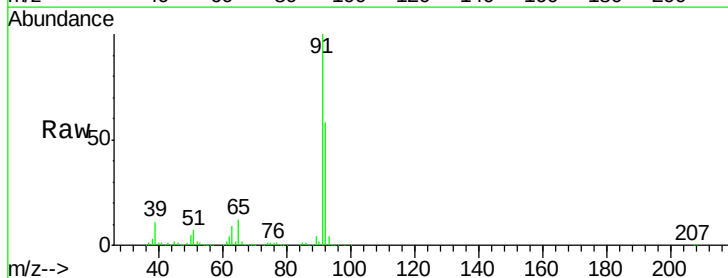
Acq: 25 Jun 2020 15:51

Tgt Ion: 91 Resp: 195448

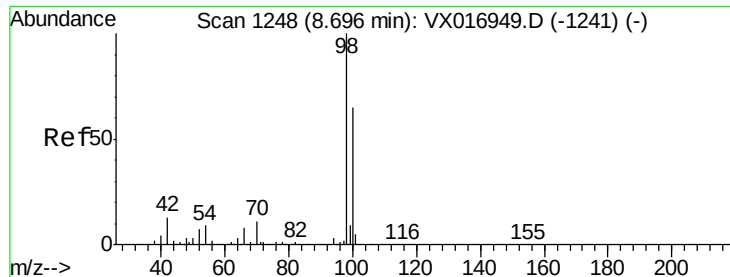
Ion Ratio Lower Upper

91 100

92 58.8 46.8 70.2



Time-->



#63

Toluene-d8

Concen: 30.176 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

ClientSampleId :

VX0625WBS01

Tot Ion: 98 Resp: 256796

Ion Ratio Lower Upper

98 100

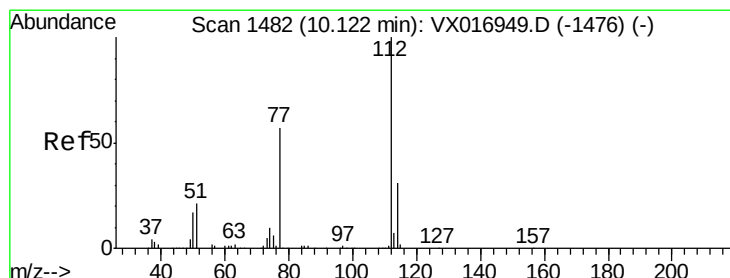
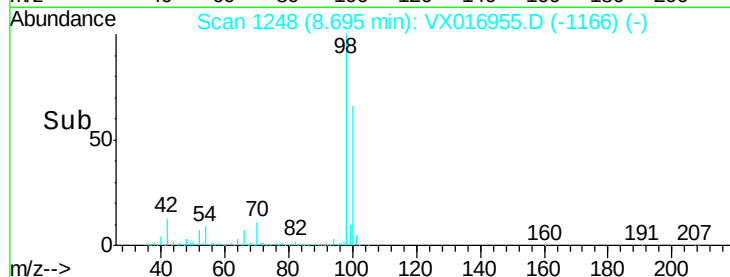
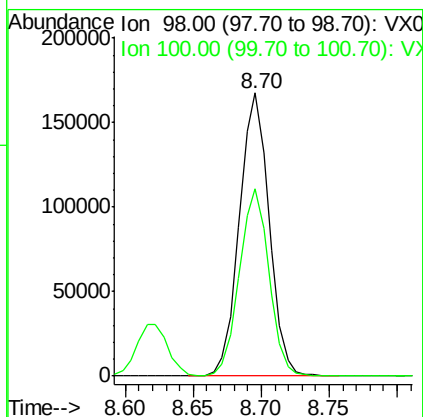
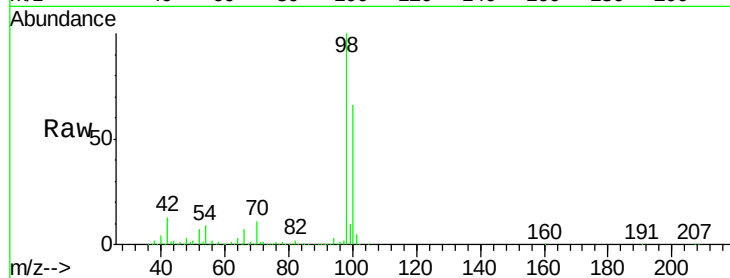
100 65.7 52.3 78.5

Manual Integrations

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#64

Chlorobenzene

Concen: 18.493 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016955.D

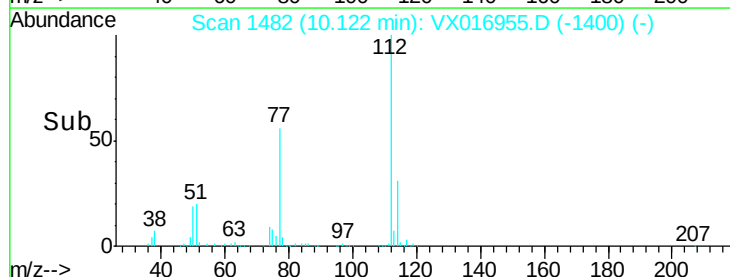
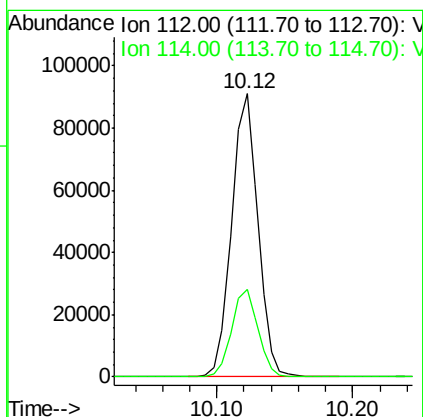
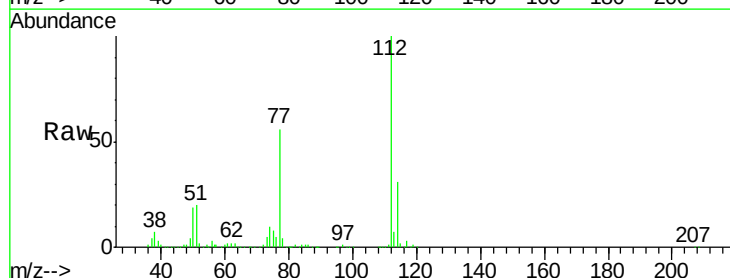
Acq: 25 Jun 2020 15:51

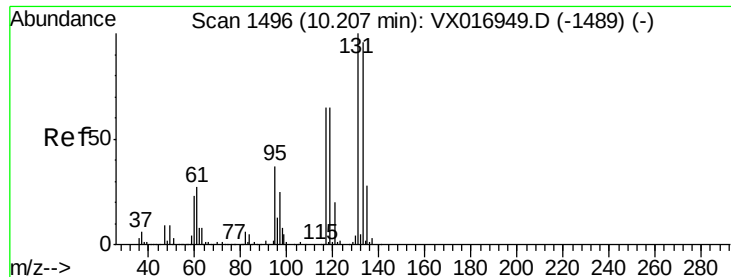
Tgt Ion: 112 Resp: 122336

Ion Ratio Lower Upper

112 100

114 30.8 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 18.104 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

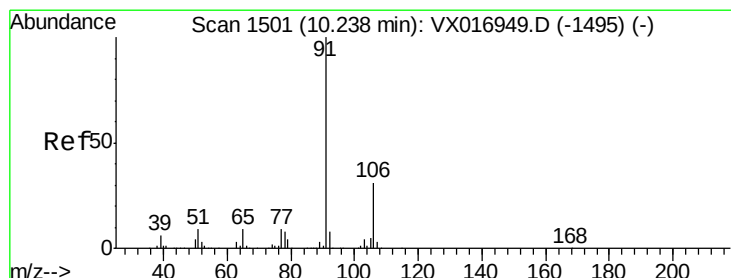
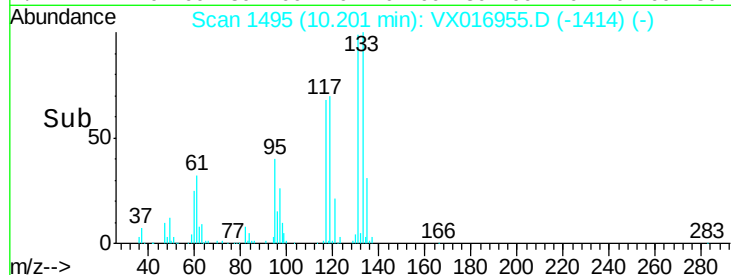
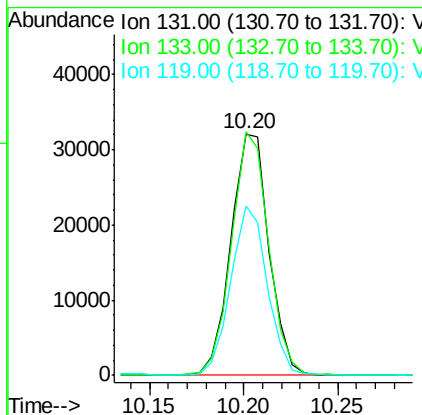
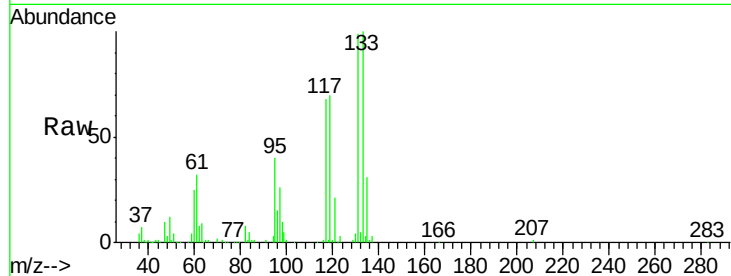
ClientSampleId :

VX0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	45086		
133	97.2	0.0	190.2	
119	67.0	0.0	133.2	

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#66

Ethyl Benzene

Concen: 18.195 ug/l

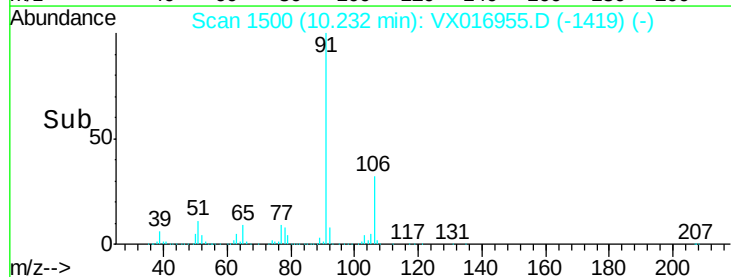
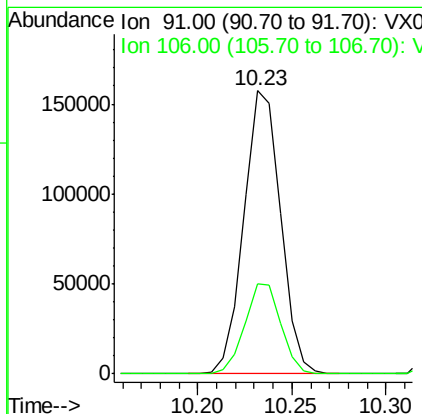
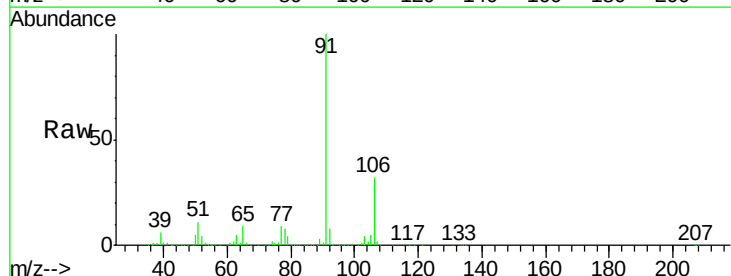
RT: 10.23 min Scan# 1500

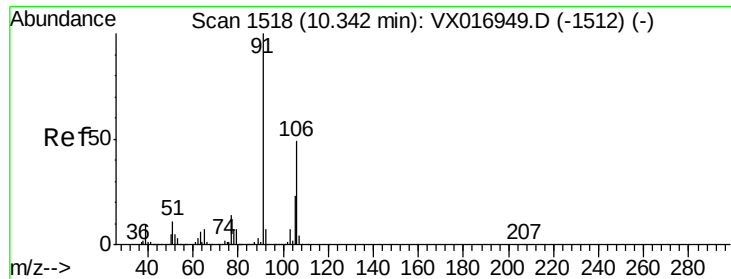
Delta R.T. -0.01 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	213049		
106	31.6	24.8	37.2	





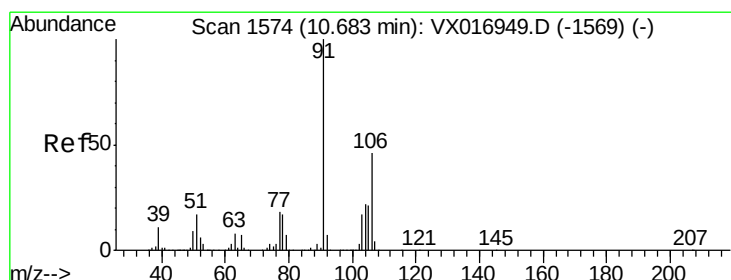
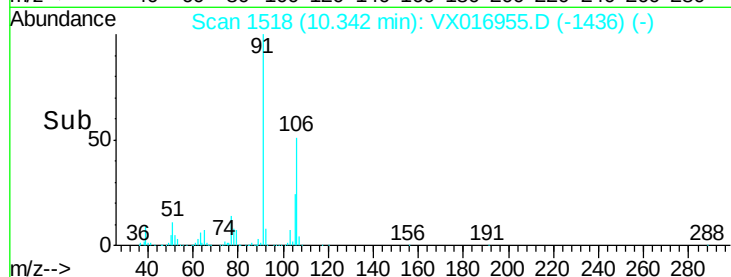
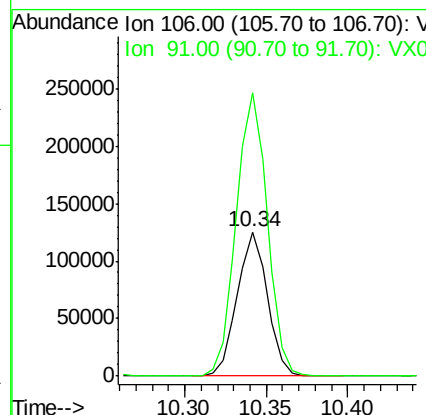
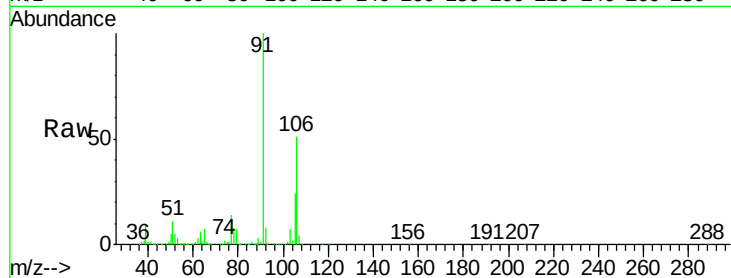
#67
m/p-Xylenes
Concen: 36.822 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	200.9	164.5	246.7

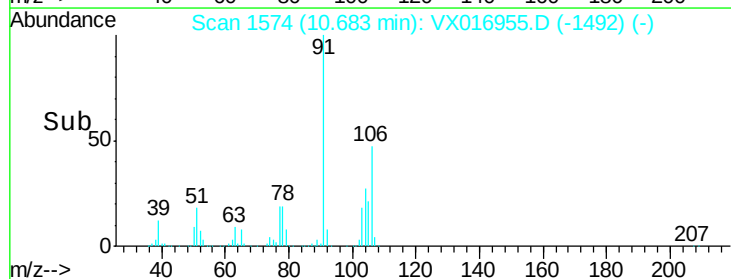
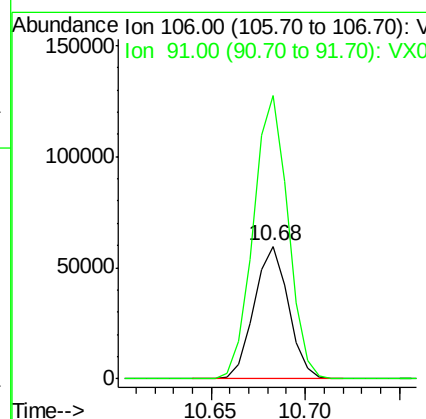
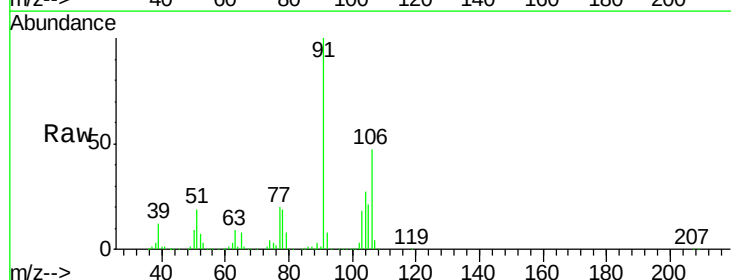
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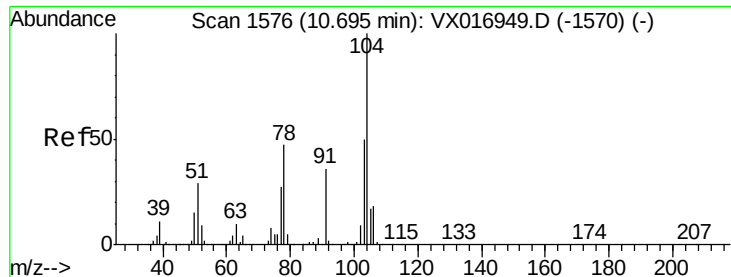
MMDadoda
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#68
o-Xylene
Concen: 17.819 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.9	107.3	321.9





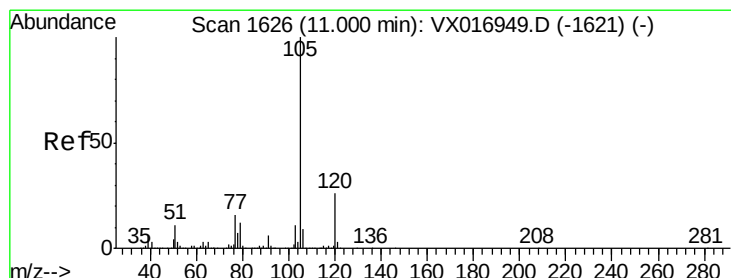
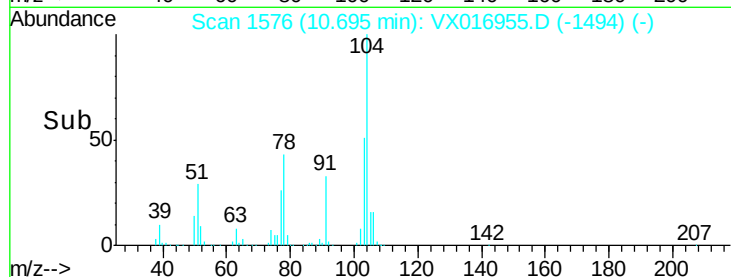
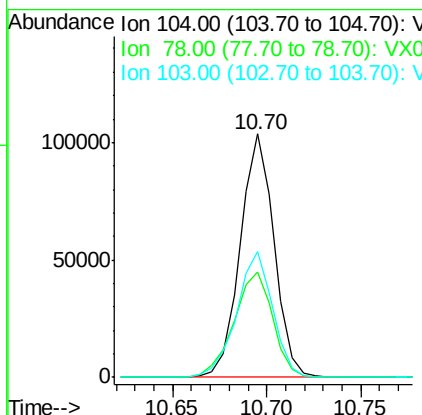
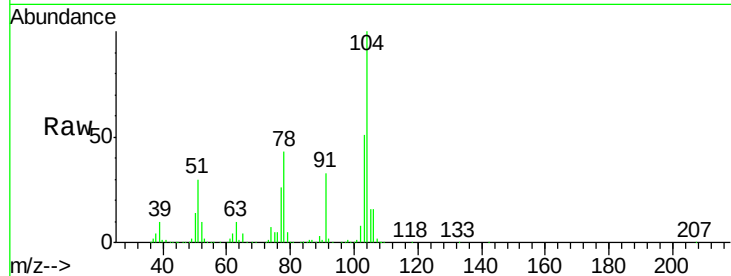
#69
Stvrene
Concen: 17.776 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	129143		
78	49.8		42.6	64.0
103	55.2		44.1	66.1

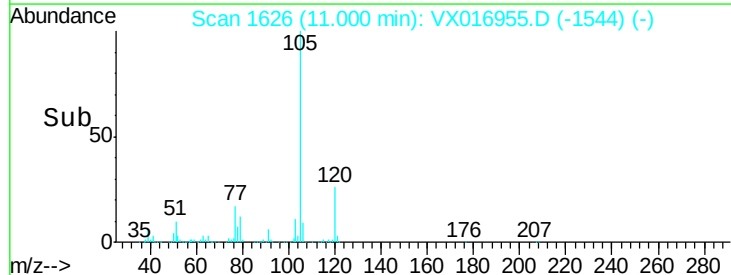
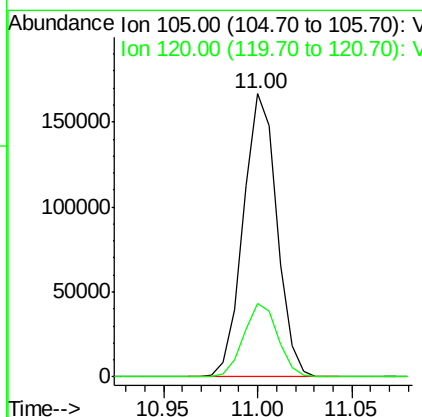
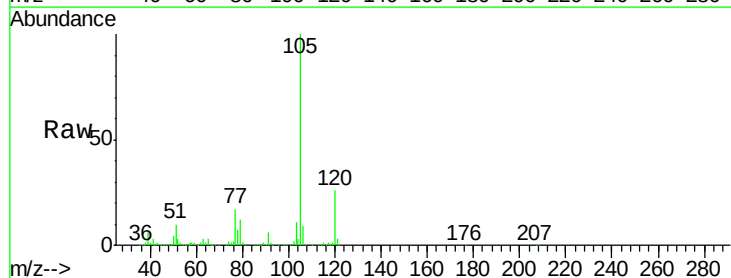
Manual Integrations
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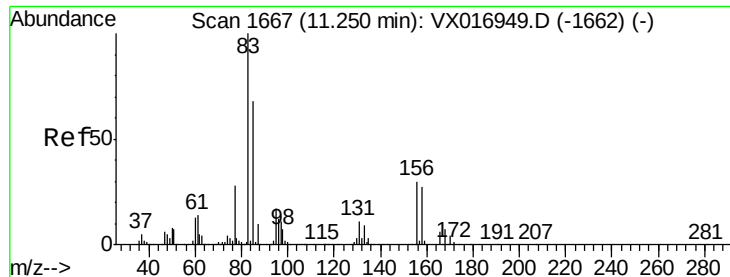
MMDadoda
6/26/2020 3:34:14 PM



#70
Isopropylbenzene
Concen: 17.939 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206445		
120	26.3		19.0	35.4





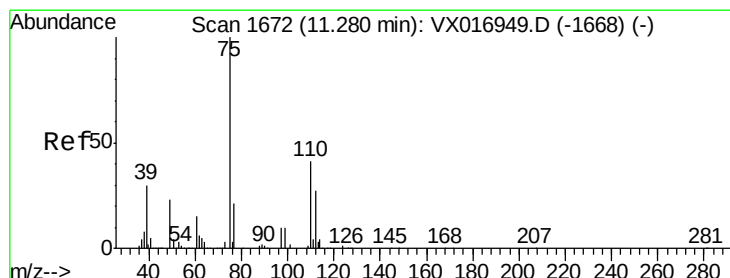
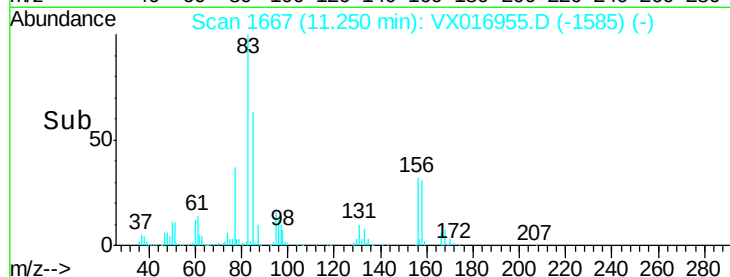
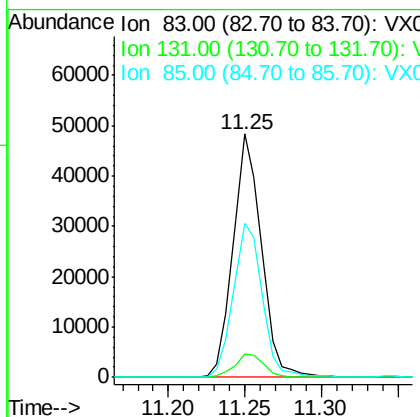
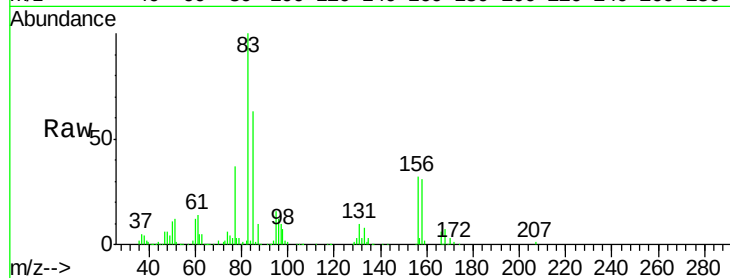
#71
 1,1,2,2-Tetrachloroethane
 Concen: 17.632 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	83	Resp	62317
Ion Ratio	100	Lower	Upper
83	100		
131	9.8	5.2	15.6
85	64.1	33.1	99.3

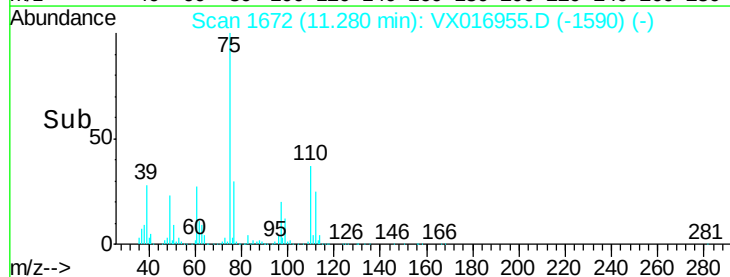
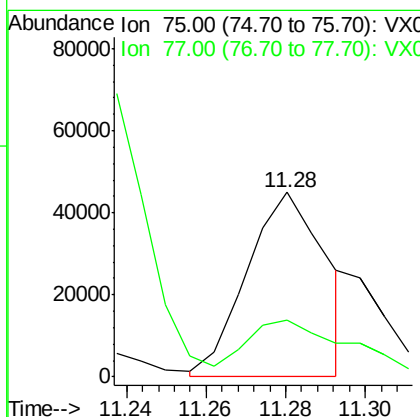
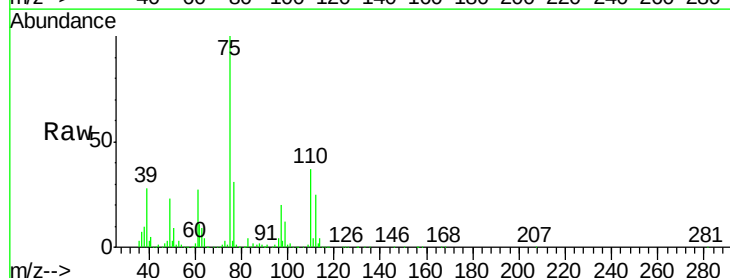
Manual Integrations
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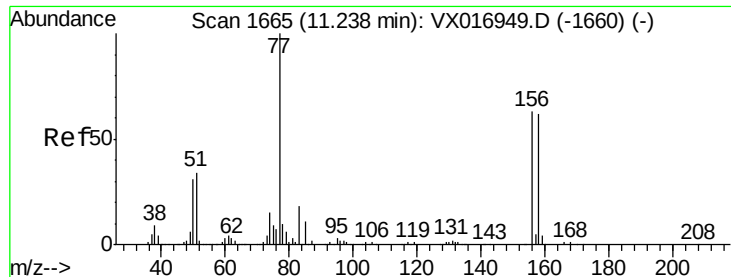
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 6/26/2020 3:34:14 PM



#72
 1,2,3-Trichloropropane
 Concen: 18.141 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Tgt Ion	75	Resp	61574
Ion Ratio	100	Lower	Upper
75	100		
77	40.2	0.0	77.2





#73

Bromobenzene

Concen: 17.747 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

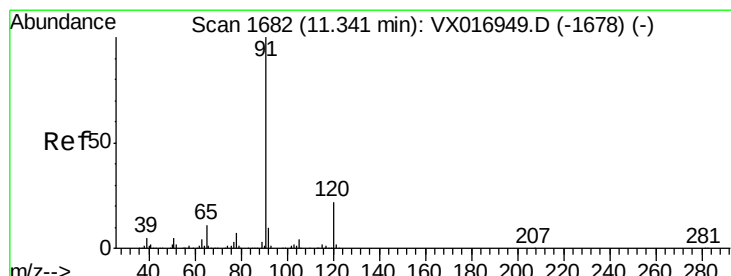
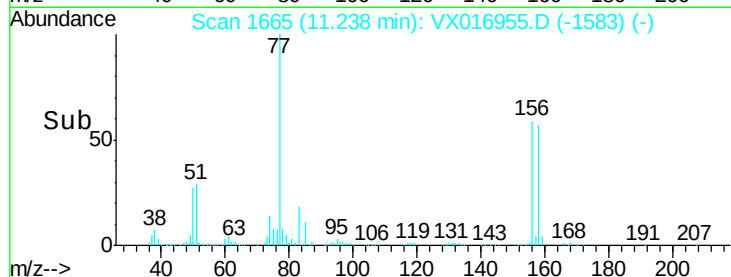
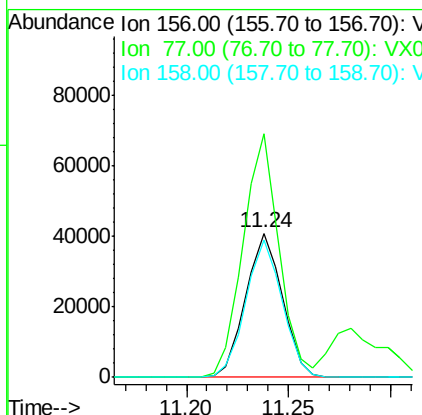
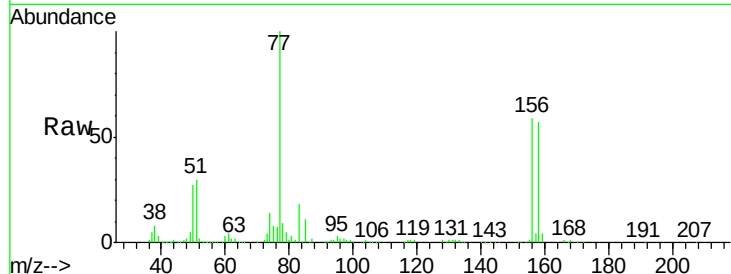
ClientSampleId :

VX0625WBS01

Tot Ion:	156	Resp:	51545
Ion Ratio	Lower	Upper	
156	100		
77	164.5	0.0	317.2
158	94.5	0.0	188.4

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#74

n-propylbenzene

Concen: 17.830 ug/l

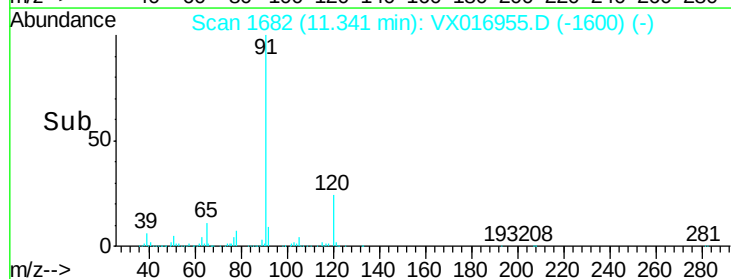
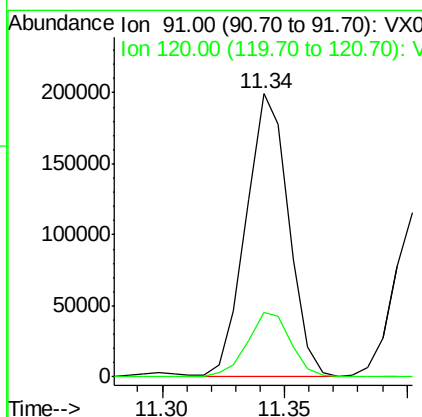
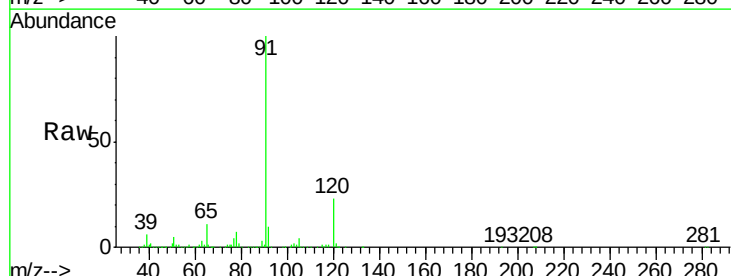
RT: 11.34 min Scan# 1682

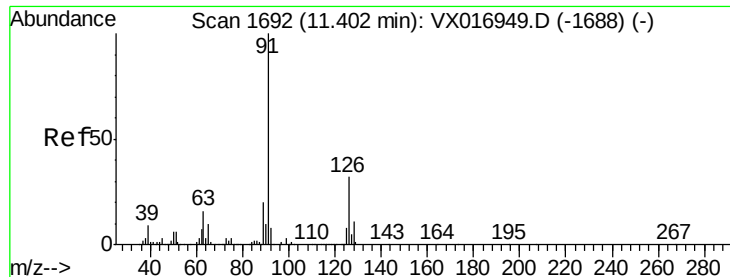
Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Tgt Ion:	91	Resp:	243632
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	45.6





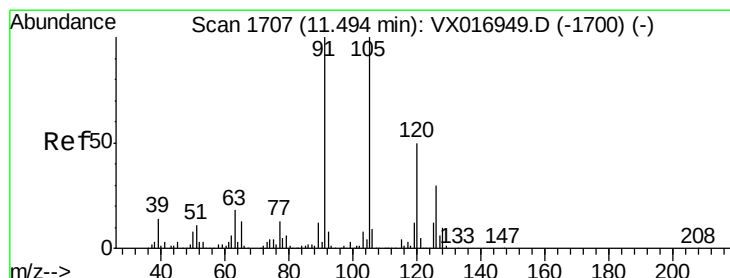
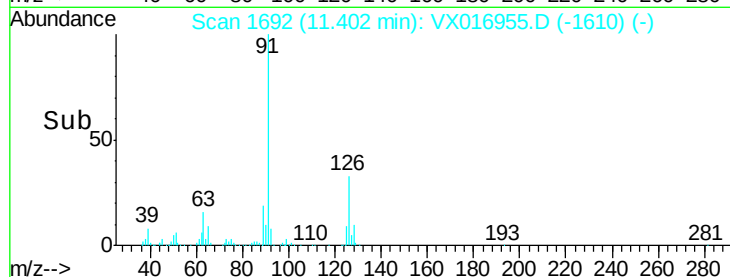
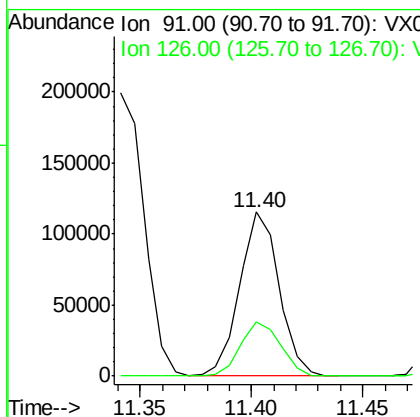
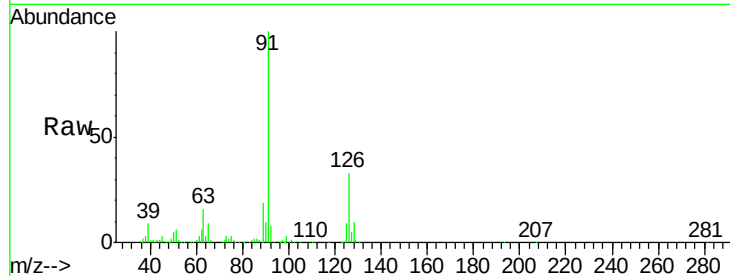
#75
 2-Chlorotoluene
 Concen: 17.957 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.9	0.0	68.0

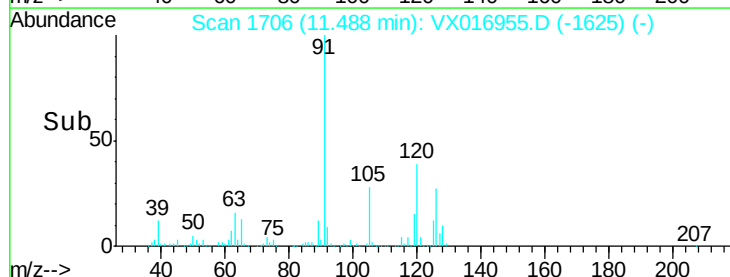
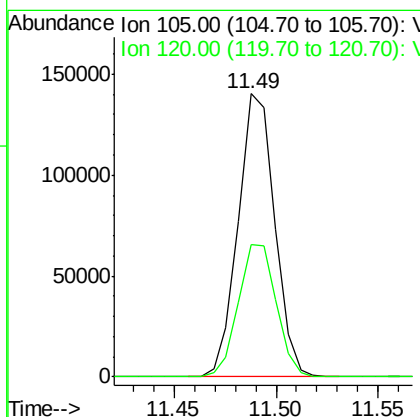
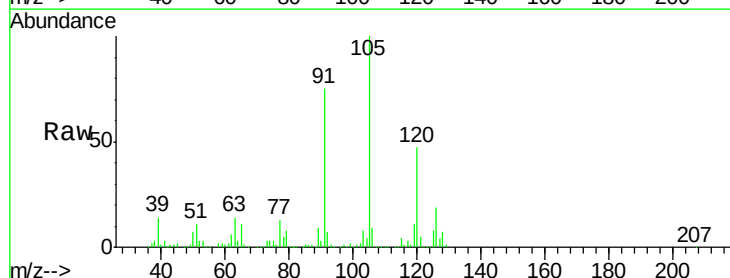
Manual Integrations
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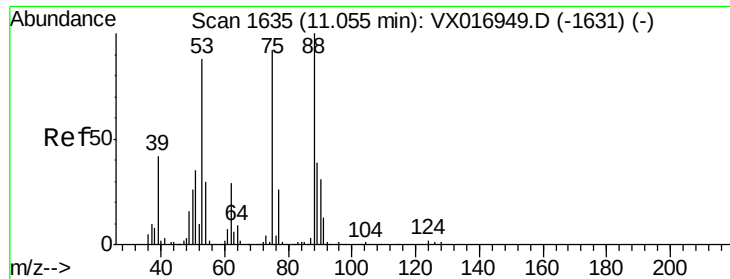
MMDadoda
 6/26/2020 3:34:14 PM



#76
 1,3,5-Trimethylbenzene
 Concen: 18.116 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.6	0.0	99.4





#77

t-1,4-Dichloro-2-butene

Concen: 16.520 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

ClientSampled :

VX0625WBS01

Tot Ion: 75 Resp: 22723

Ion Ratio Lower Upper

75 100

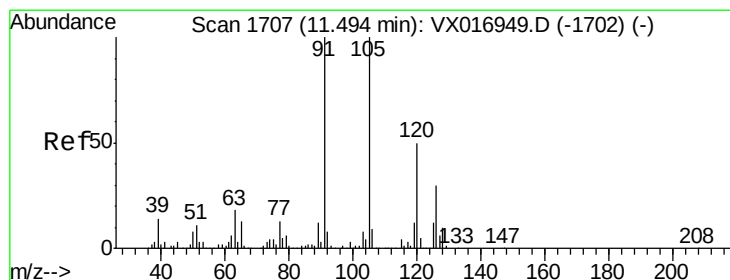
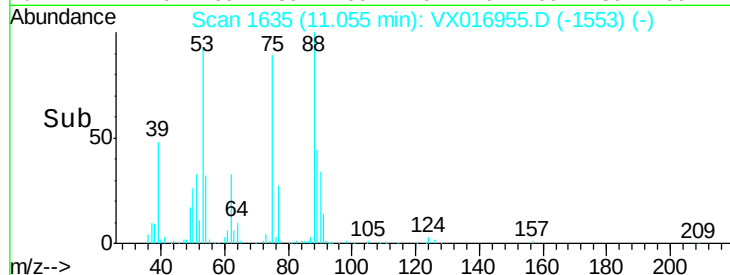
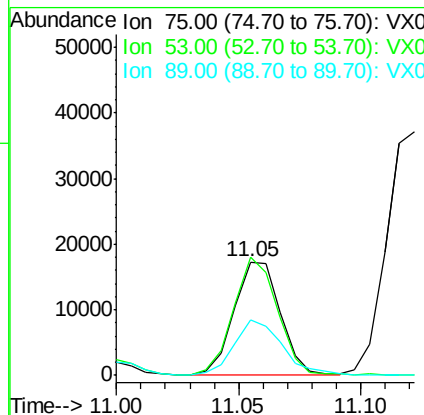
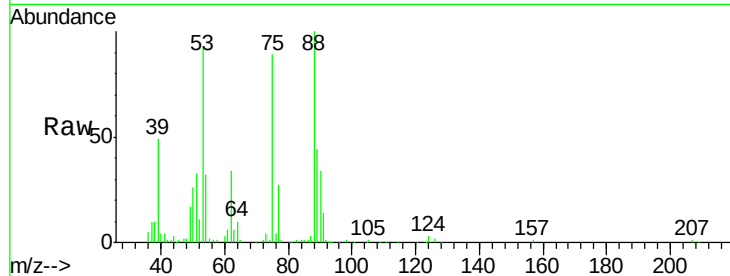
53 103.9 47.6 142.9

89 49.2 21.1 63.4

Manual Integrations
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6/26/2020 3:34:14 PM



#78

4-Chlorotoluene

Concen: 17.676 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016955.D

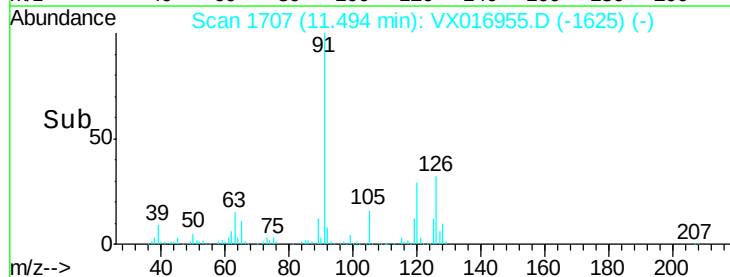
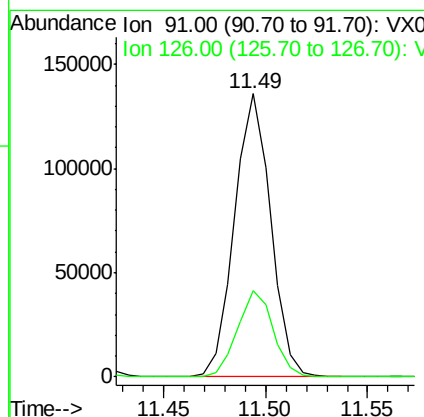
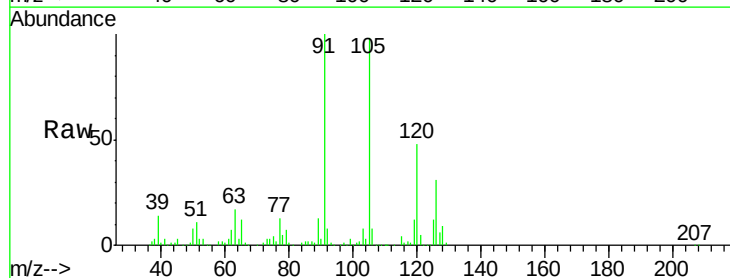
Acq: 25 Jun 2020 15:51

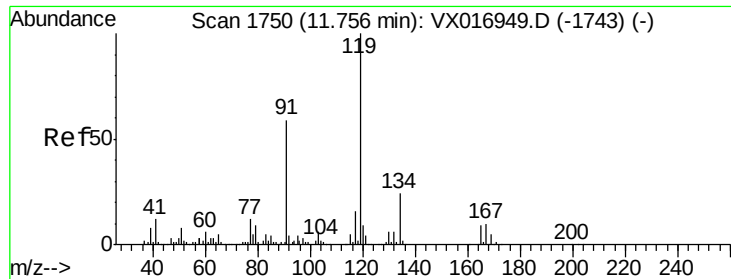
Tgt Ion: 91 Resp: 166765

Ion Ratio Lower Upper

91 100

126 30.1 0.0 60.6





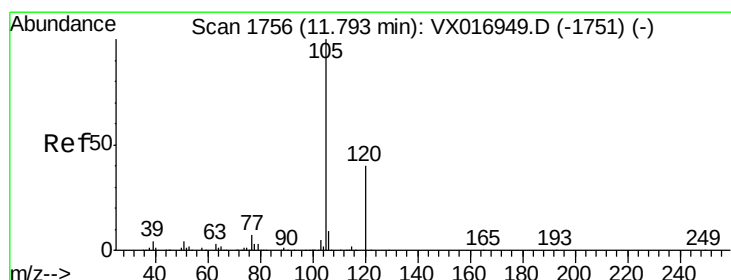
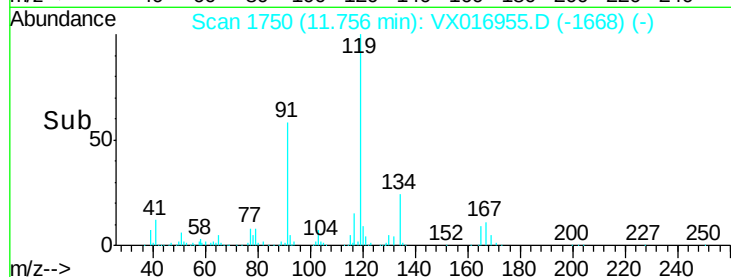
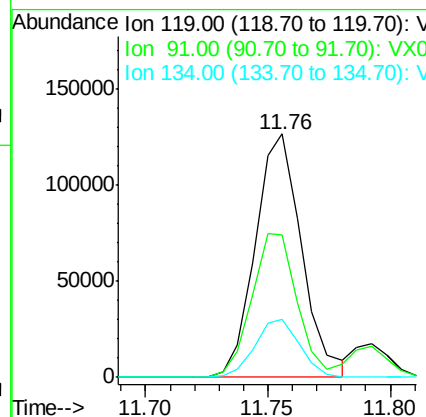
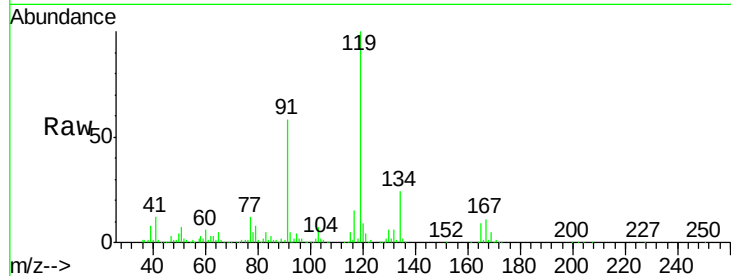
#79
tert-butylbenzene
Concen: 18.082 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	167329		
91	57.6	0.0	115.2	
134	23.2	0.0	45.8	

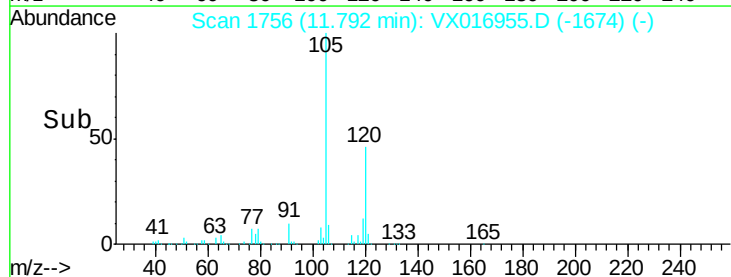
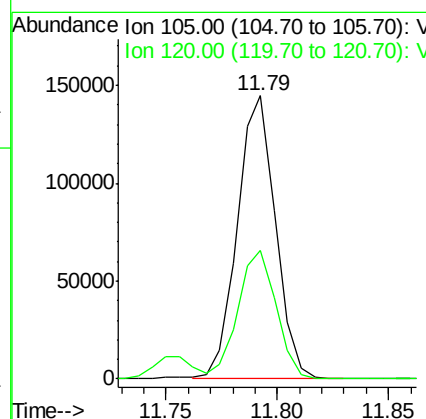
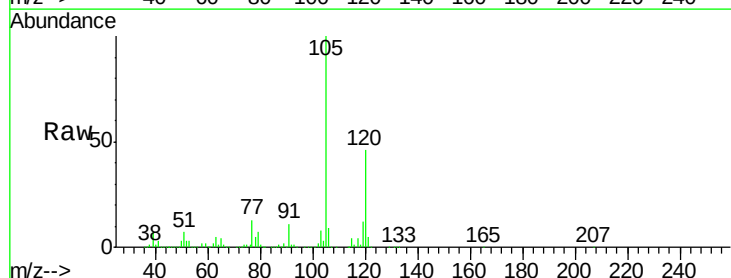
Manual Integrations
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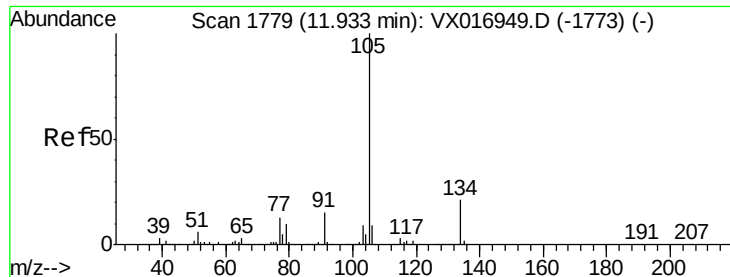
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 17.827 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	172885		
120	45.6	0.0	89.8	





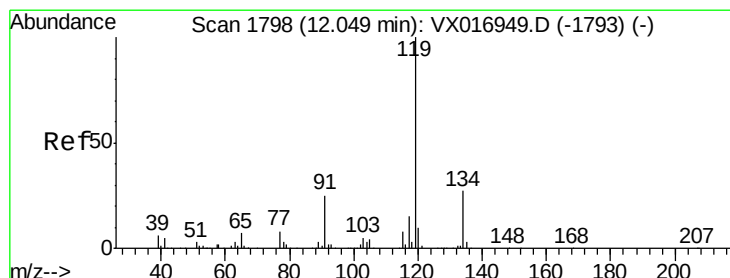
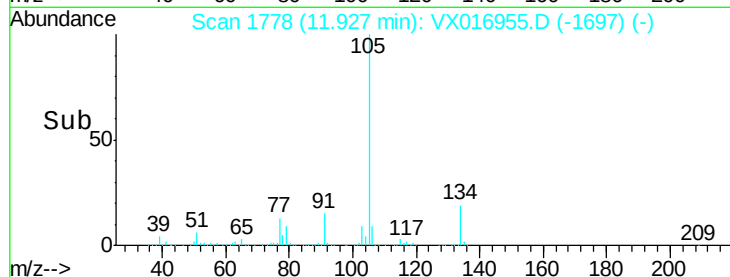
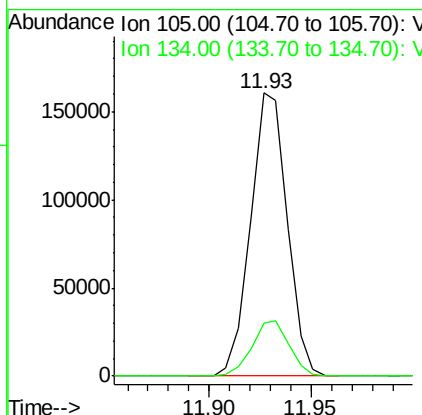
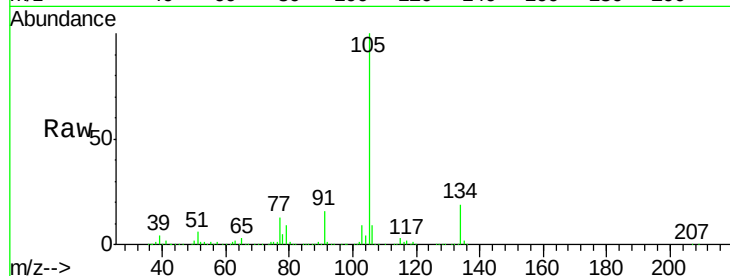
#81
 sec-Butylbenzene
 Concen: 17.984 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	201493		
134	19.8	0.0	41.2	

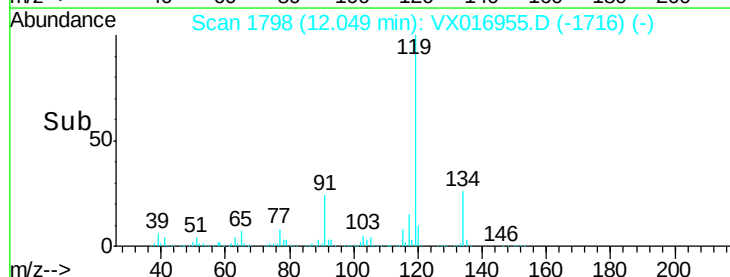
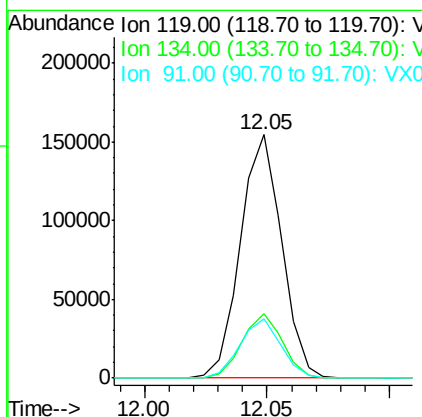
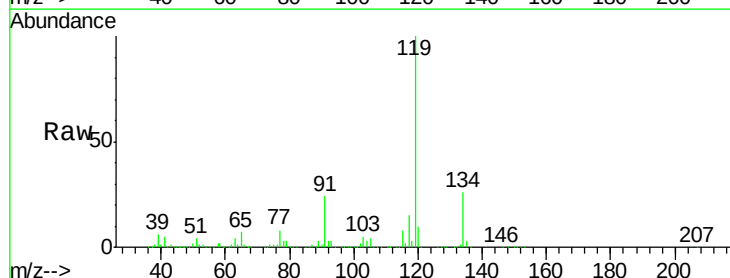
Manual Integrations
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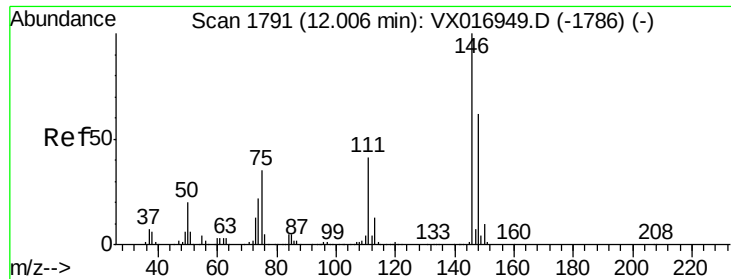
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#82
 p-Isopropyltoluene
 Concen: 17.789 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	179957		
134	26.4	0.0	53.0	
91	24.6	0.0	49.0	





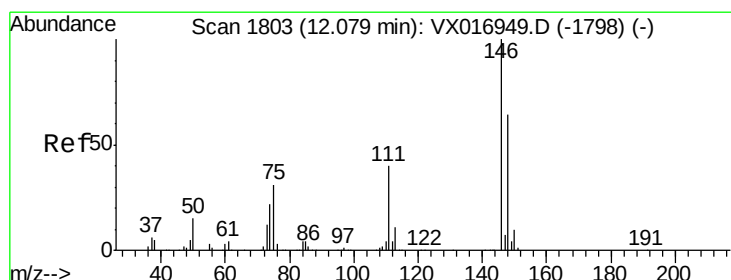
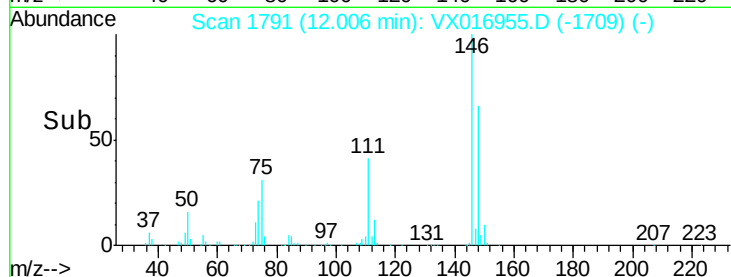
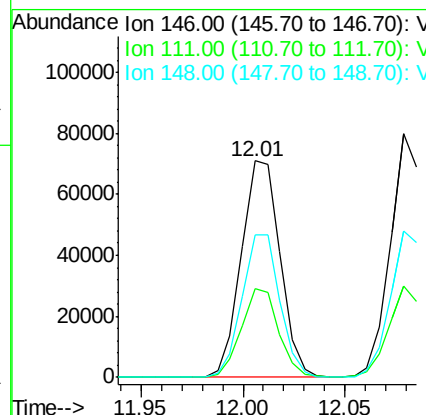
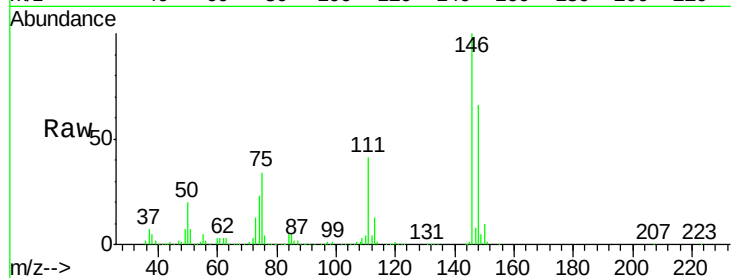
#83
 1,3-Dichlorobenzene
 Concen: 18.075 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.5	58.5
148	64.1	31.8	95.4

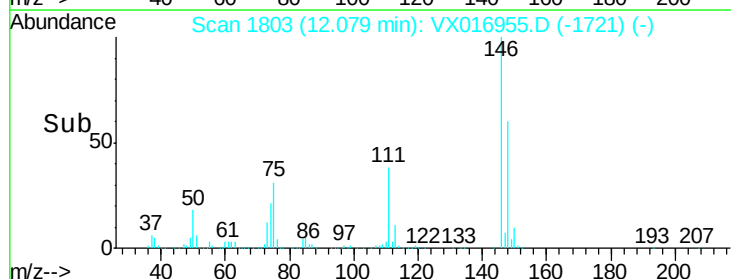
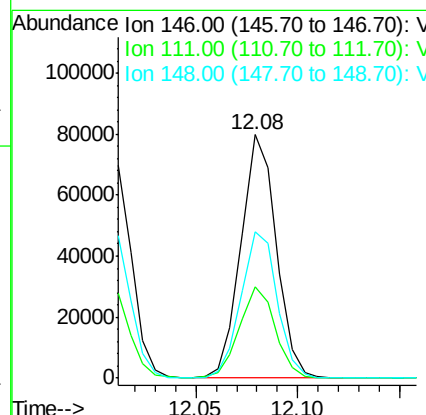
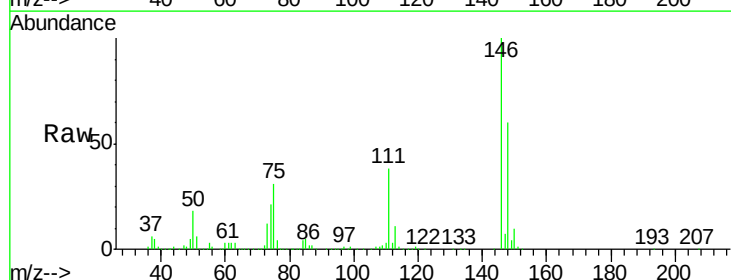
Manual Integrations
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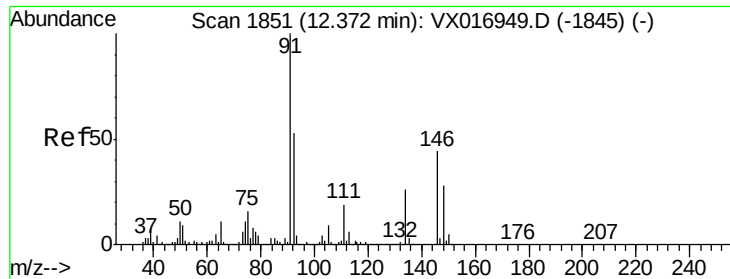
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#84
 1,4-Dichlorobenzene
 Concen: 18.279 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.2
148	62.0	32.1	96.3





#85

n-Butylbenzene

Concen: 17.461 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Instrument :

MSVOA_X

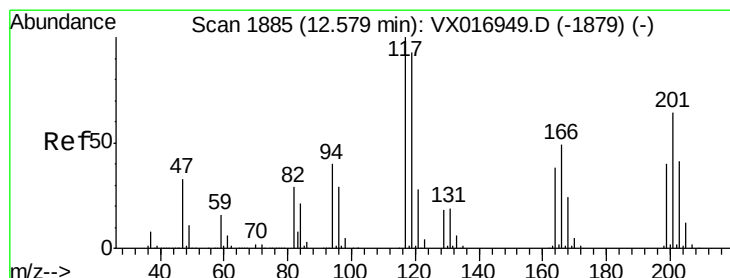
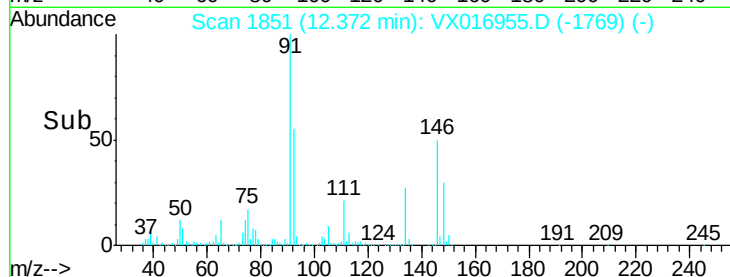
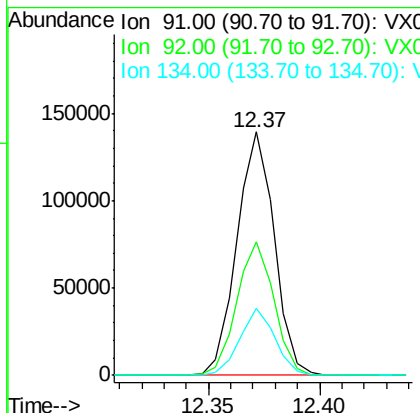
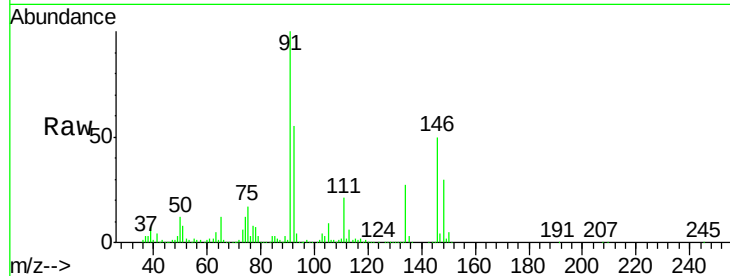
ClientSampleId :

VX0625WBS01

Tot Ion:	91	Resp:	163501
Ion	Ratio	Lower	Upper
91	100		
92	54.1	0.0	105.8
134	25.8	0.0	52.2

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#86

Hexachloroethane

Concen: 18.126 ug/l

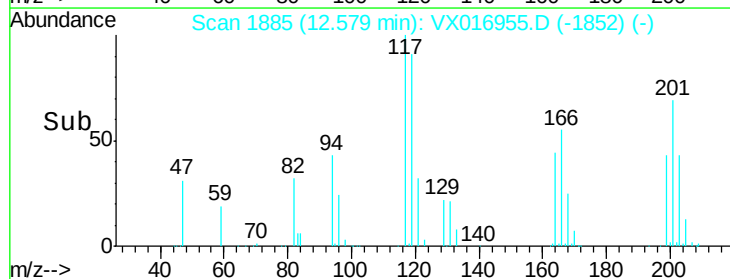
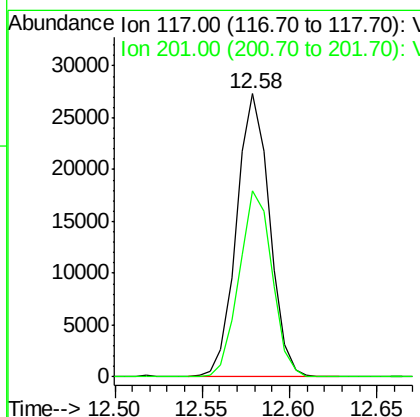
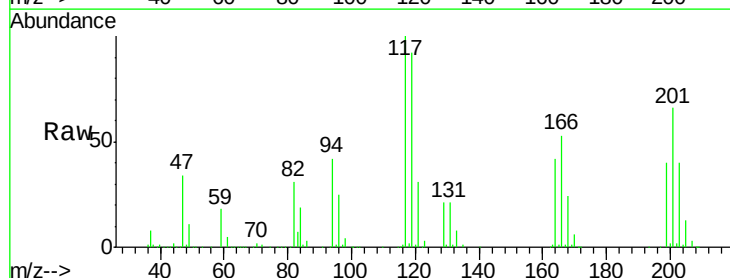
RT: 12.58 min Scan# 1885

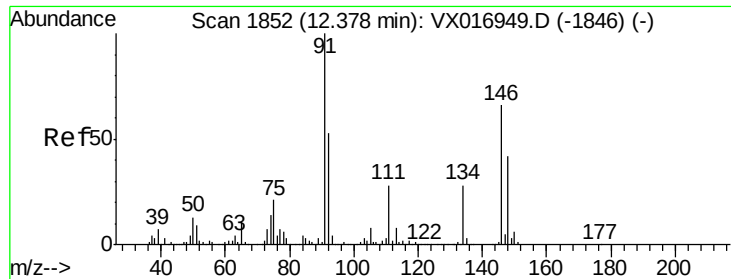
Delta R.T. -0.00 min

Lab File: VX016955.D

Acq: 25 Jun 2020 15:51

Tgt Ion:	117	Resp:	35886
Ion	Ratio	Lower	Upper
117	100		
201	65.8	34.6	103.9





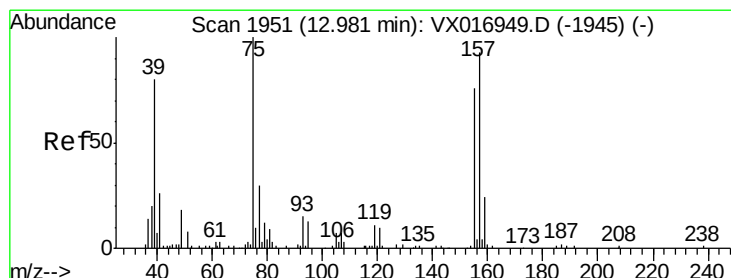
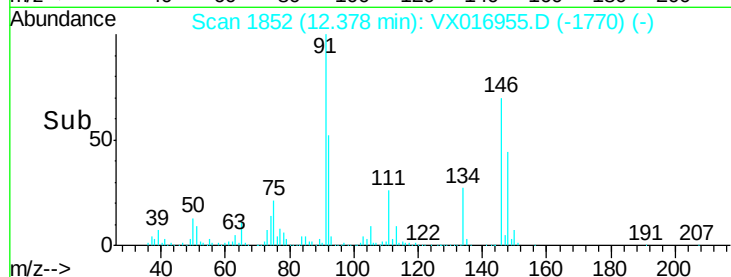
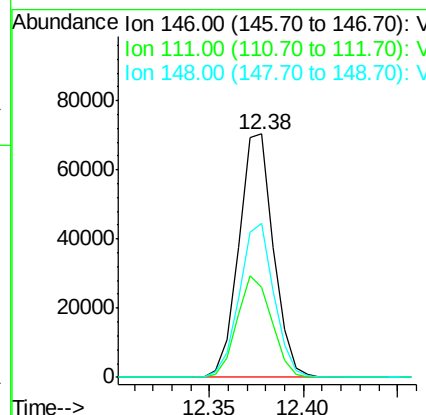
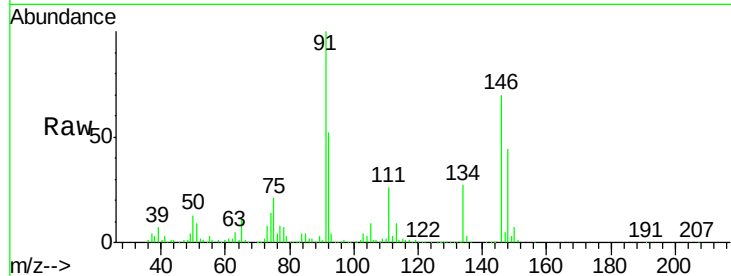
#87
 1,2-Dichlorobenzene
 Concen: 18.452 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.1	63.1
148	63.2	32.1	96.3

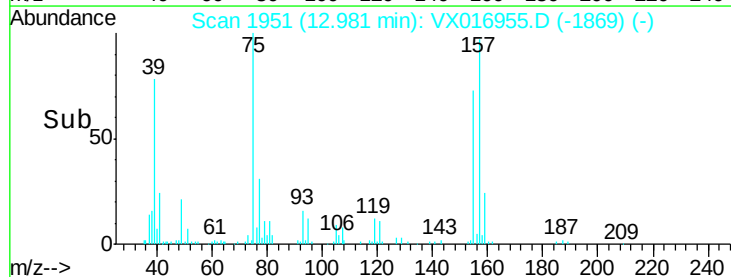
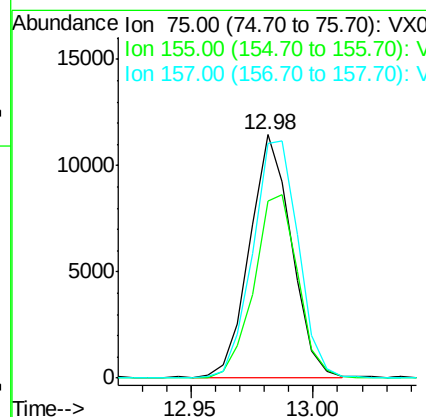
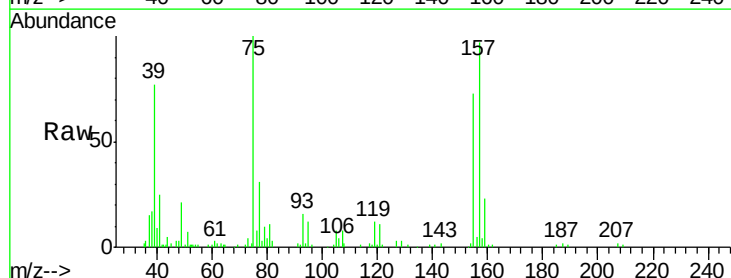
Manual Integrations
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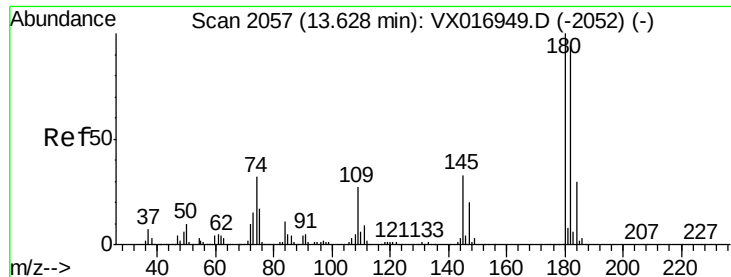
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.083 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.7	65.0	97.6
157	106.3	83.0	124.4





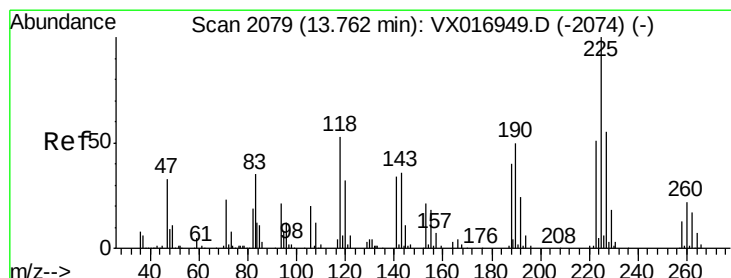
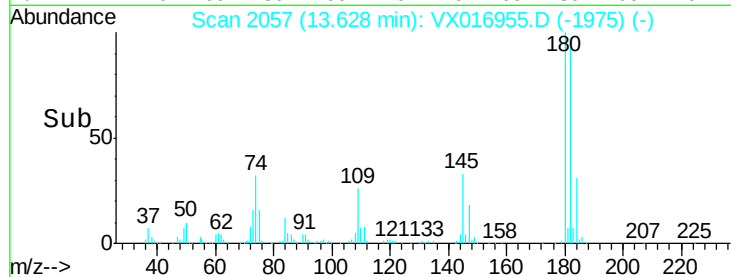
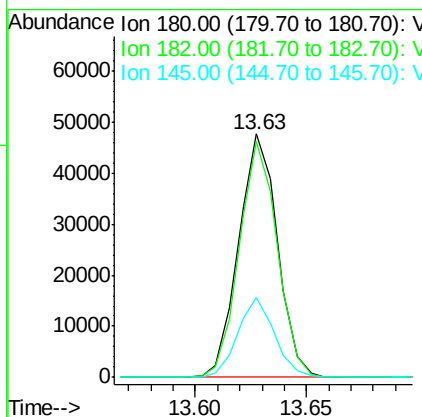
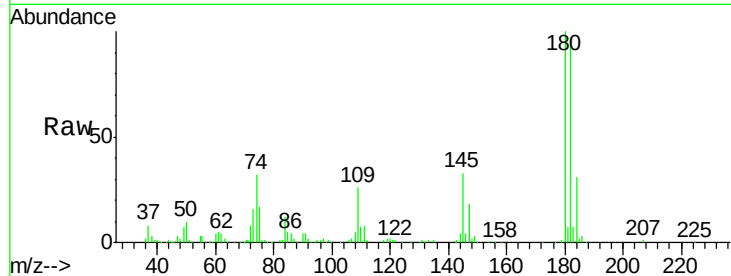
#89
 1,2,4-Trichlorobenzene
 Concen: 17.607 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0625WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.7	116.5
145	31.2	26.2	39.2

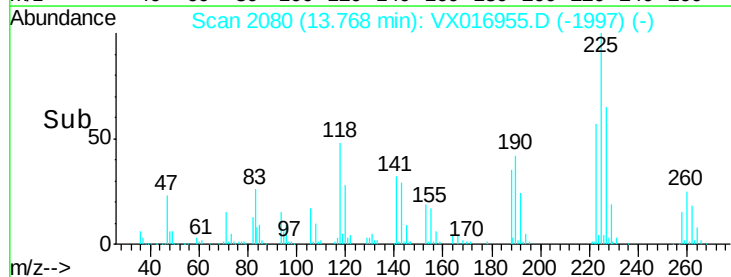
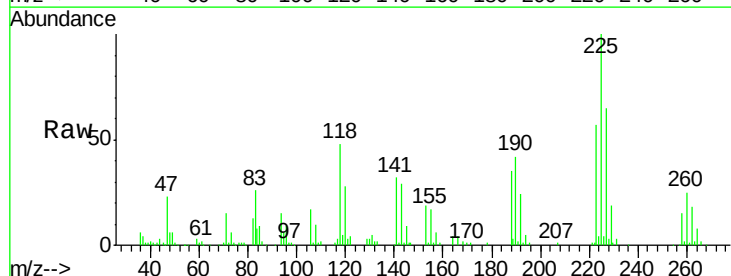
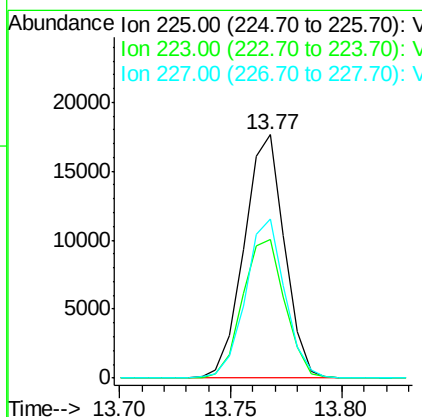
Manual Integrations
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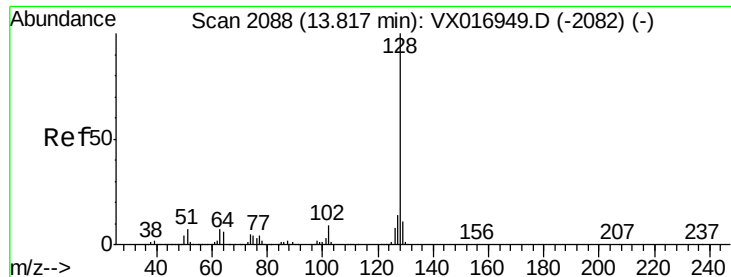
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#90
 Hexachlorobutadiene
 Concen: 17.884 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016955.D
 Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.6	0.0	125.0
227	63.5	0.0	124.0





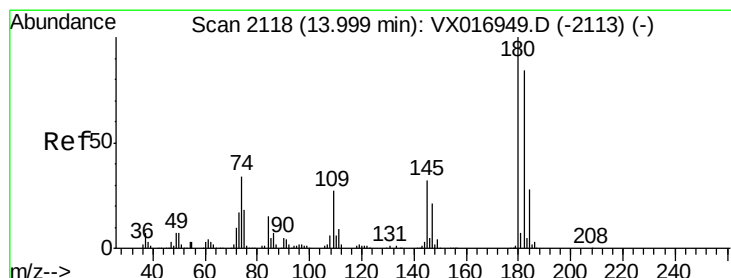
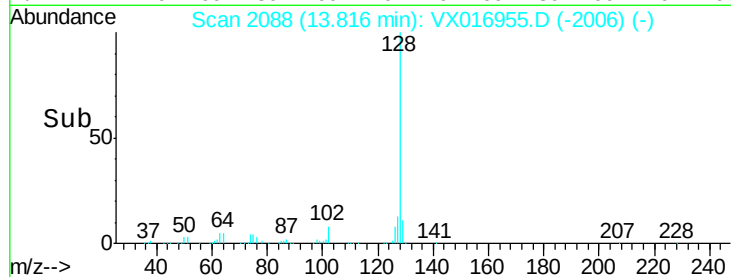
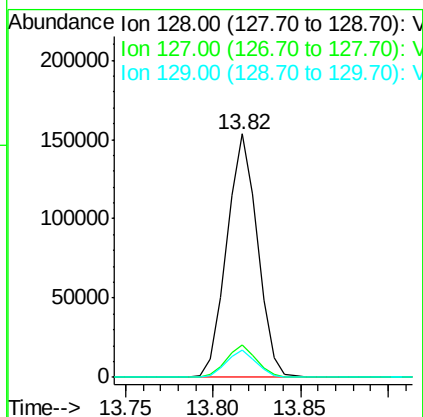
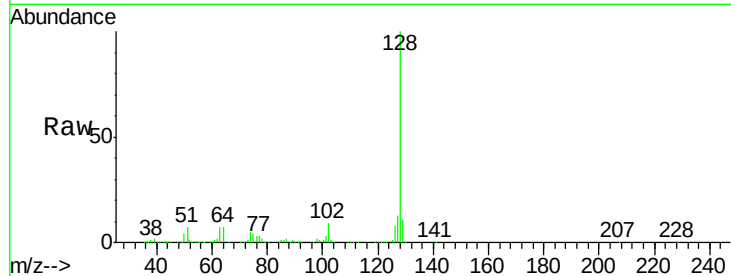
#91
Naphthalene
Concen: 17.411 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Instrument :
MSVOA_X
ClientSampleId :
VX0625WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.0	9.0	13.4

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#92
1,2,3-Trichlorobenzene
Concen: 17.002 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016955.D
Acq: 25 Jun 2020 15:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	0.0	184.8
145	35.4	0.0	68.0

