

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008763.D
 Acq On : 09 Apr 2019 11:29
 Operator : JC/SP
 Sample : VX0409WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 4:21:00 PM

Quant Time: Apr 09 14:10:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	30298	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	173930	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	151800	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	74432	29.37	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.90%
60) 4-Bromofluorobenzene	11.13	95	75204	28.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.77%
63) Toluene-d8	8.71	98	219085	30.40	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	38061	18.371	ug/l 99
3) Chloromethane	1.32	50	50420	18.575	ug/l 98
4) Vinyl Chloride	1.40	62	51219	18.720	ug/l 97
5) Bromomethane	1.64	94	25302	17.847	ug/l 98
6) Chloroethane	1.72	64	30189	16.858	ug/l 98
7) Trichlorofluoromethane	1.93	101	59505	19.594	ug/l 98
8) Diethyl Ether	2.19	74	28072	19.601	ug/l 82
9) 1,1,2-Trichlorotrifluoroet	2.38	101	38167	20.181	ug/l 93
10) 1,1-Dichloroethene	2.37	96	38758	20.201	ug/l 88
11) Methyl Iodide	2.51	142	35046	17.640	ug/l 96
12) Methyl Acetate	3.20	43	32476	20.884	ug/l 92
13) Acrolein	2.29	56	49517	110.996	ug/l 99
14) Acrylonitrile	3.14	53	162784	113.225	ug/l 100
15) Acetone	2.45	58	47130	106.304	ug/l 94
16) Carbon Disulfide	2.57	76	108875	18.241	ug/l 98
17) Allyl chloride	2.73	41	92066	21.351	ug/l 89
18) Methylene Chloride	2.85	84	47565	20.739	ug/l 89
19) trans-1,2-Dichloroethene	3.17	96	41279	20.138	ug/l 90
20) Diisopropyl ether	3.86	45	179930	21.438	ug/l # 95
21) 1,1-Dichloroethane	3.70	63	88790	21.076	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	49402	20.856	ug/l # 82
23) tert-Butyl Alcohol	3.05	59	63494	109.368	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	148127	21.007	ug/l 99
25) Chloroform	5.21	83	79905	20.939	ug/l 95
26) Cyclohexane	5.58	56	83890	20.497	ug/l # 83
29) 1,1-Dichloropropene	5.80	75	61532	21.029	ug/l 93
30) 2-Butanone	4.68	43	245727	114.201	ug/l 93
31) 2,2-Dichloropropane	4.58	77	62473	21.377	ug/l 94
32) 1,1,1-Trichloroethane	5.49	97	63492	20.895	ug/l # 94
33) Carbon Tetrachloride	5.79	117	52634	20.703	ug/l 97
34) Benzene	6.14	78	189508	21.187	ug/l # 96
35) Methacrylonitrile	5.04	41	50387	23.027	ug/l 87
36) 1,2-Dichloroethane	6.20	62	68332	21.428	ug/l 97
37) Trichloroethene	7.21	130	43265	21.033	ug/l 83
38) Methylcyclohexane	7.46	83	75049	20.354	ug/l 87
39) 1,2-Dichloropropane	7.51	63	54037	21.300	ug/l 97
40) Dibromomethane	7.66	93	30781	20.945	ug/l 90

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0409WBS01

Manual Integrations
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Quant Time: Apr 09 14:10:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.90	83	59743	20.675	ug/l	98
42) Vinyl Acetate	3.81	43	806240	110.533	ug/l #	93
43) Ethyl Acetate	4.84	43	91512m	23.630	ug/l	
44) Isopropyl Acetate	6.45	43	137808	22.006	ug/l	98
45) 1,4-Dioxane	7.74	88	25972	416.623	ug/l #	84
46) Methyl methacrylate	7.77	41	69149	21.742	ug/l	84
47) n-amyl Acetate	10.90	43	116912	20.553	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	67102	20.559	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	76174	20.865	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	46169	21.158	ug/l	97
51) Ethyl methacrylate	9.18	69	84520	20.814	ug/l	89
52) 1,3-Dichloropropane	9.37	76	82081	21.143	ug/l	100
53) Dibromochloromethane	9.58	129	43682	20.342	ug/l	100
54) 1,2-Dibromoethane	9.67	107	47161	20.965	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	202910	99.046	ug/l	95
56) Bromoform	10.85	173	31432	20.085	ug/l	97
58) 4-Methyl-2-Pentanone	8.64	43	462851	115.576	ug/l #	94
59) 2-Hexanone	9.49	43	358432	113.287	ug/l	96
61) Tetrachloroethene	9.34	164	38225	23.021	ug/l	98
62) Toluene	8.78	91	197072	21.442	ug/l	99
64) Chlorobenzene	10.14	112	112933	20.970	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	40755	21.465	ug/l	98
66) Ethyl Benzene	10.25	91	212183	20.799	ug/l	96
67) m/p-Xylenes	10.36	106	151812	40.800	ug/l	91
68) o-Xylene	10.70	106	74375	20.426	ug/l	92
69) Styrene	10.71	104	128348	20.258	ug/l	96
70) Isopropylbenzene	11.02	105	198623	20.680	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	76519	21.326	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	66870m	22.048	ug/l	
73) Bromobenzene	11.26	156	47303	20.700	ug/l	81
74) n-propylbenzene	11.36	91	230374	20.133	ug/l	95
75) 2-Chlorotoluene	11.42	91	137186	20.152	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	166772	20.309	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	24202	20.803	ug/l	97
78) 4-Chlorotoluene	11.51	91	154969	19.780	ug/l	91
79) tert-butylbenzene	12.06	119	169656	20.217	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	167935	20.511	ug/l	95
81) sec-Butylbenzene	11.94	105	188114	20.050	ug/l	97
82) p-Isopropyltoluene	12.06	119	169656	20.217	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	82453	20.324	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	80827	19.937	ug/l	95
85) n-Butylbenzene	12.39	91	157484	19.751	ug/l	97
86) Hexachloroethane	12.60	117	28256	20.152	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	82980	20.300	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16635	20.917	ug/l #	77
89) 1,2,4-Trichlorobenzene	13.65	180	56858	20.165	ug/l	99
90) Hexachlorobutadiene	13.78	225	28707	21.133	ug/l	98
91) Naphthalene	13.83	128	193409	20.020	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	56763	19.985	ug/l	100

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations
APPROVED

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Quant Time: Apr 09 14:10:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
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

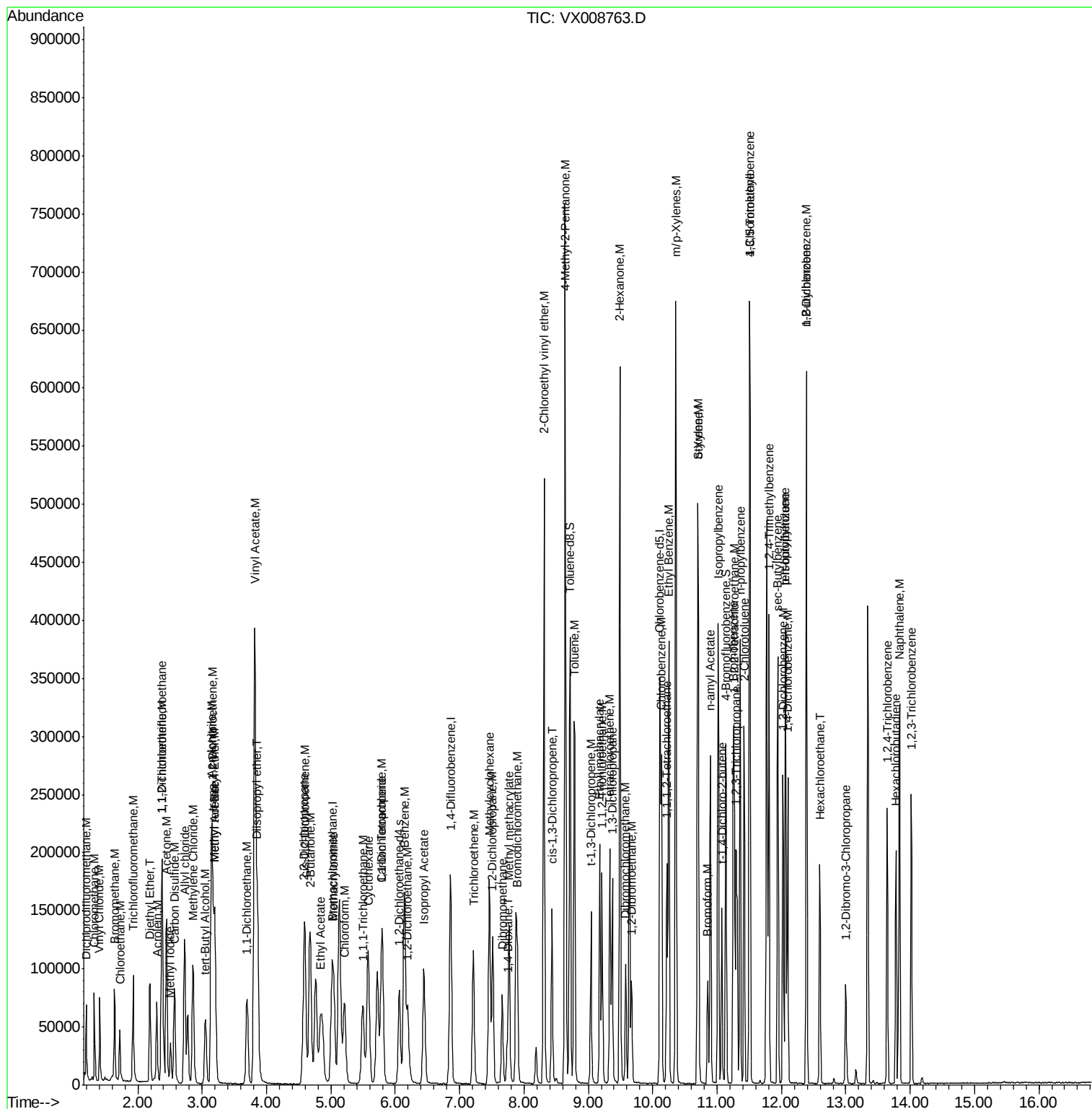
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040919\
Data File : VX008763.D
Acq On : 09 Apr 2019 11:29
Operator : JC/SP
Sample : VX0409WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

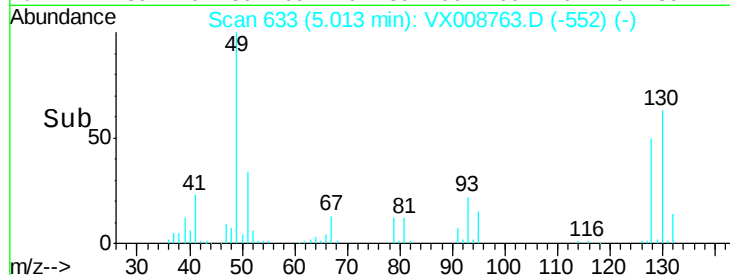
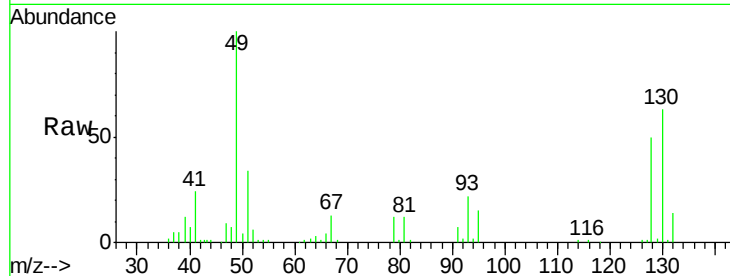
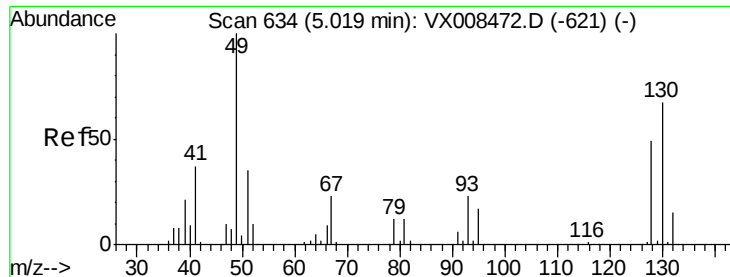
Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Manual Integrations
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4/10/2019 4:21:00 PM

Quant Time: Apr 09 14:10:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
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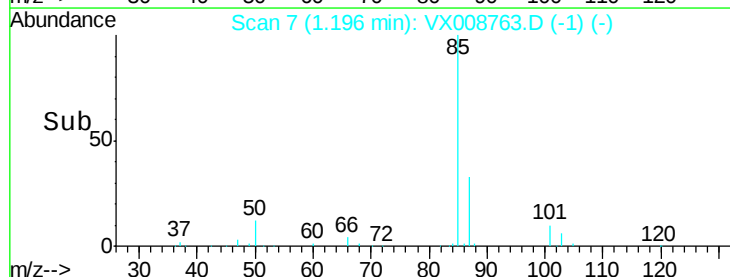
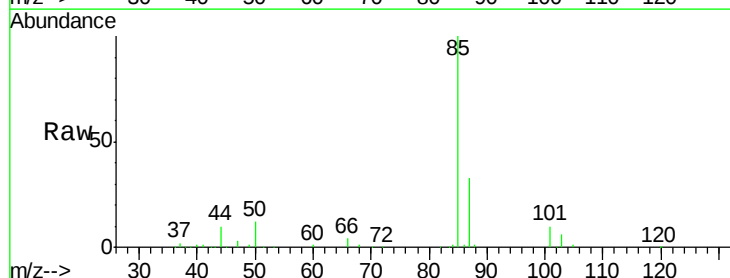
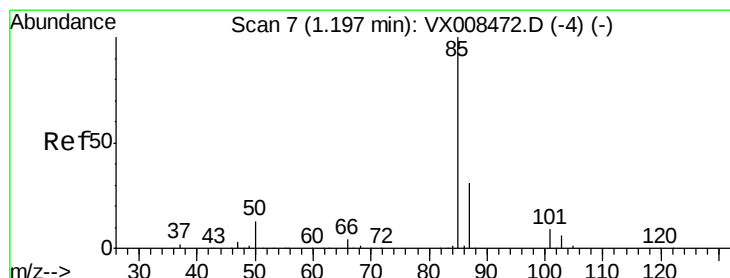
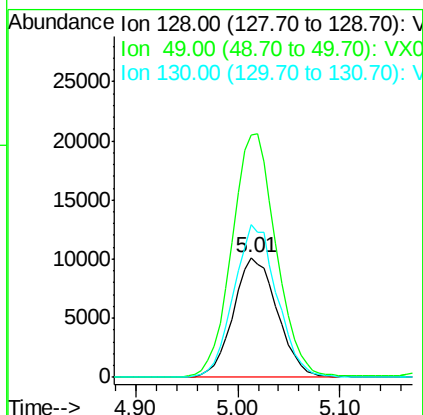
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tot Ion	Ratio	Lower	Upper
128	100		
49	205.6	0.0	350.8
130	125.6	0.0	325.8

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

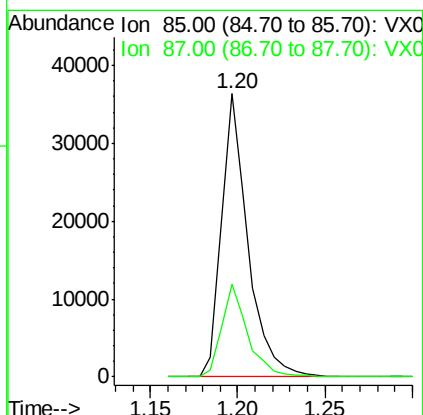
Manual Integrations
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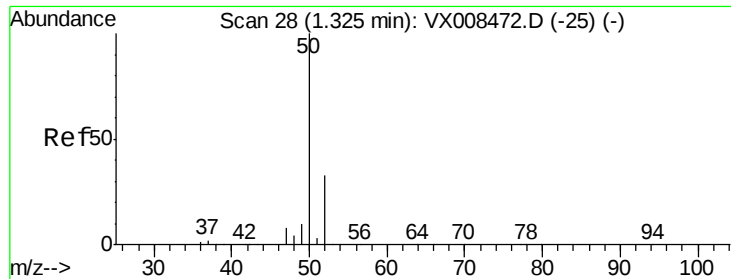
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#2
Dichlorodifluoromethane
Concen: 18.371 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.6	49.8





#3

Chloromethane

Concen: 18.575 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0409WBS01

Tot Ion: 50 Resp: 50420

Ion Ratio Lower Upper

50 100

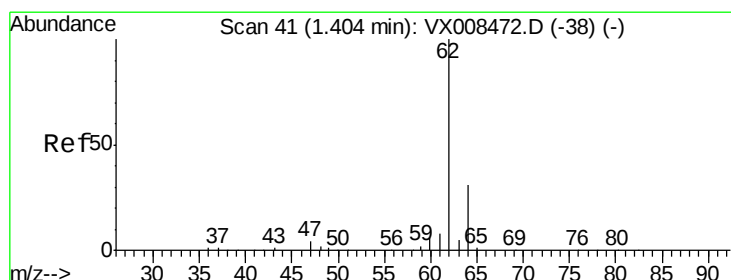
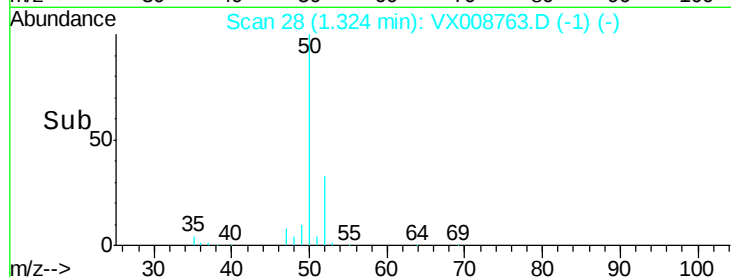
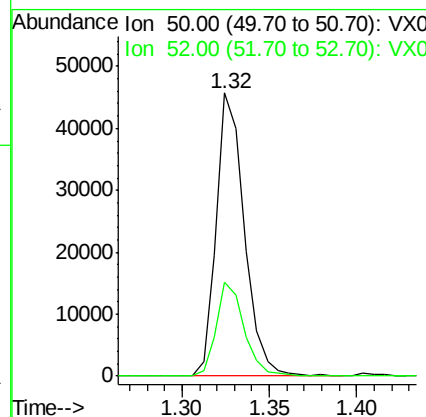
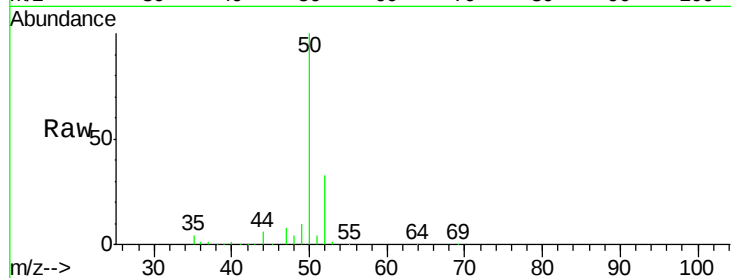
52 33.0 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.720 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008763.D

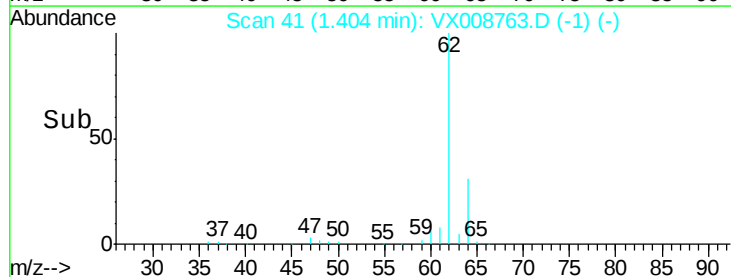
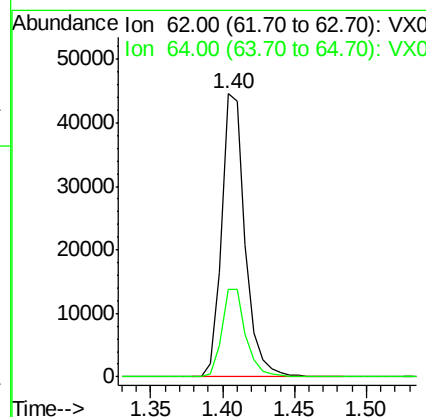
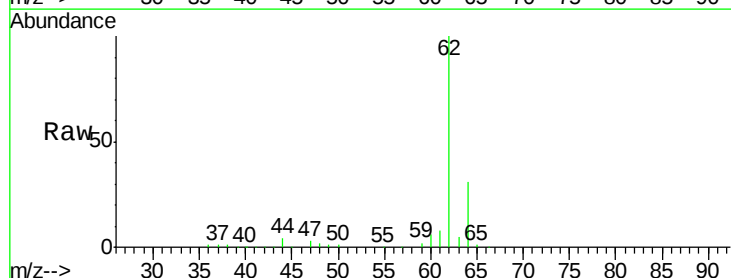
Acq: 09 Apr 2019 11:29

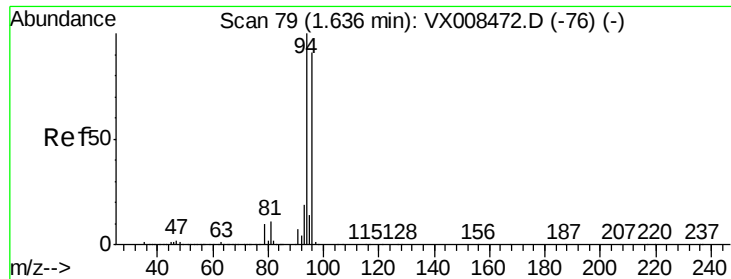
Tgt Ion: 62 Resp: 51219

Ion Ratio Lower Upper

62 100

64 30.7 25.9 38.9





#5

Bromomethane

Concen: 17.847 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 94 Resp: 25302

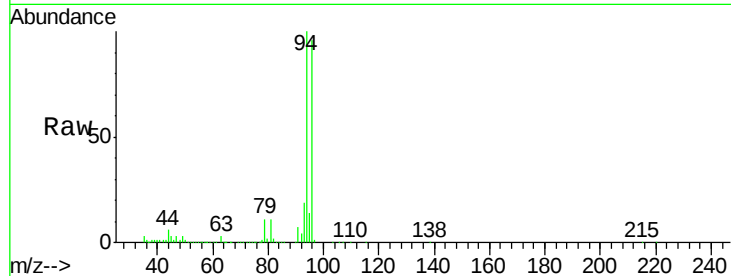
Ion Ratio Lower Upper

94 100

96 96.2 75.6 113.4

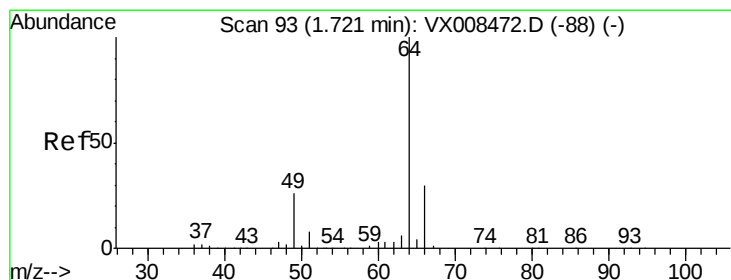
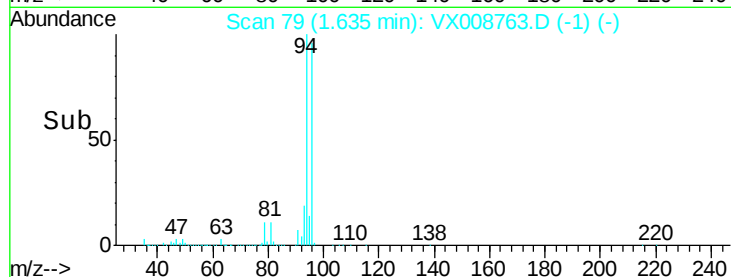
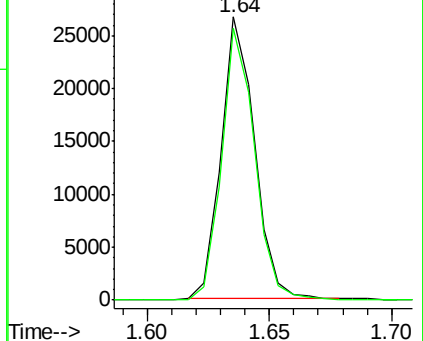
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 16.858 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008763.D

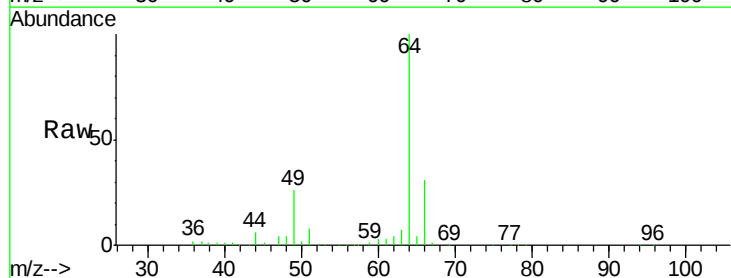
Acq: 09 Apr 2019 11:29

Tgt Ion: 64 Resp: 30189

Ion Ratio Lower Upper

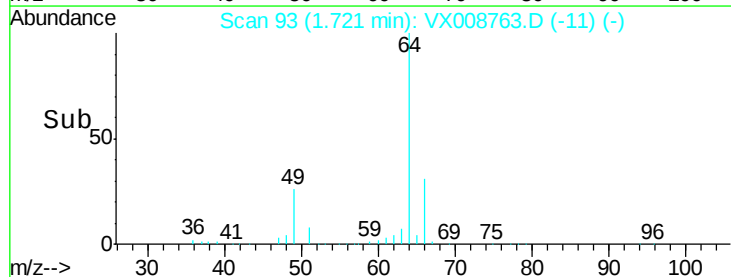
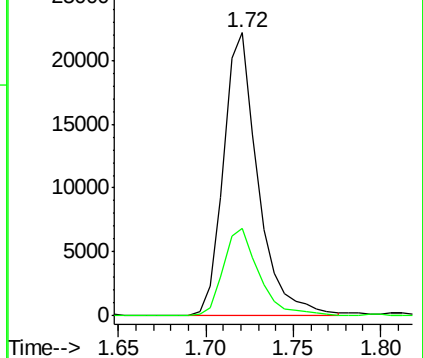
64 100

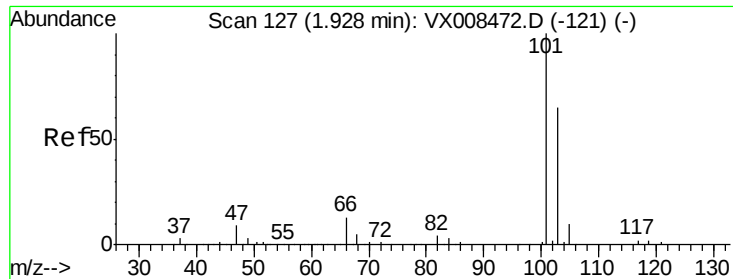
66 31.1 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

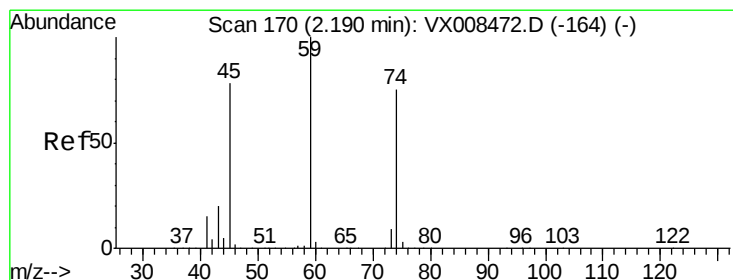
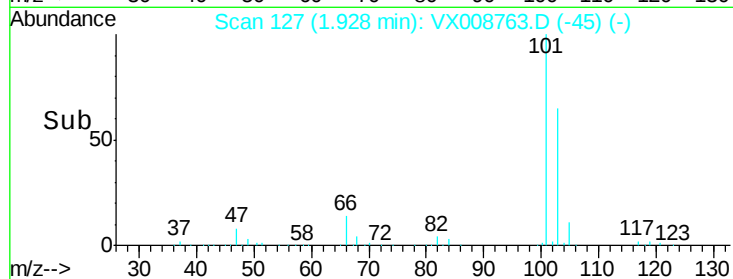
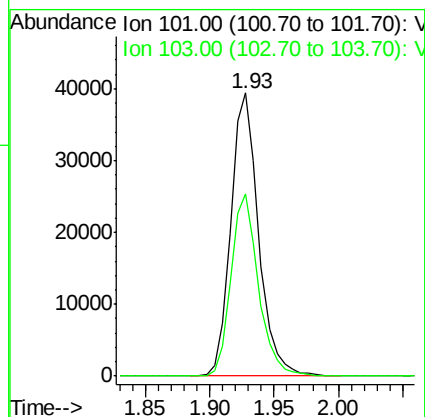
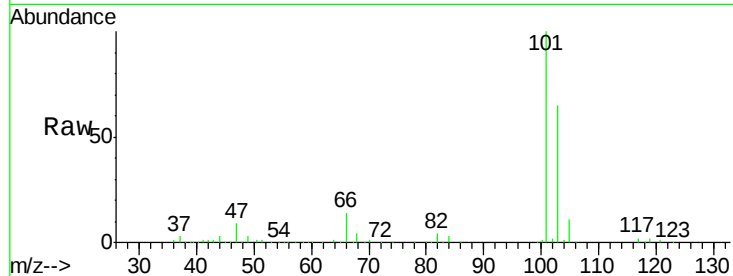
Trichlorofluoromethane
Concen: 19.594 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion:101 Resp: 59505
Ion Ratio Lower Upper
101 100
103 64.6 50.4 75.6

Manual Integrations
APPROVED

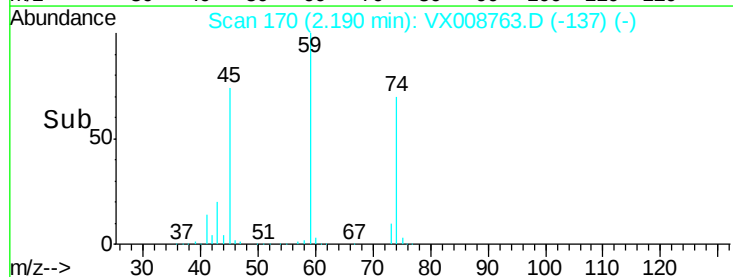
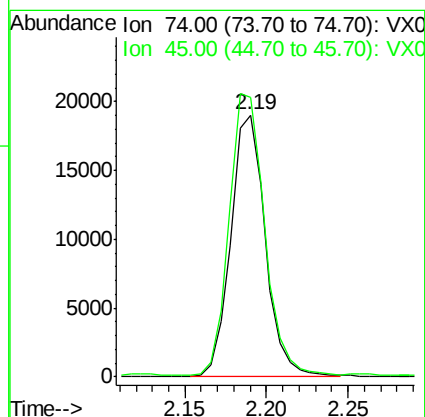
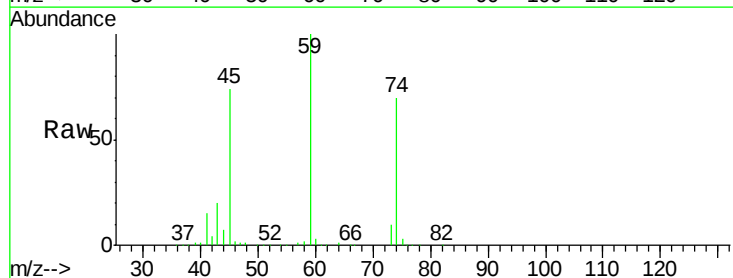
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4/10/2019 4:21:00 PM

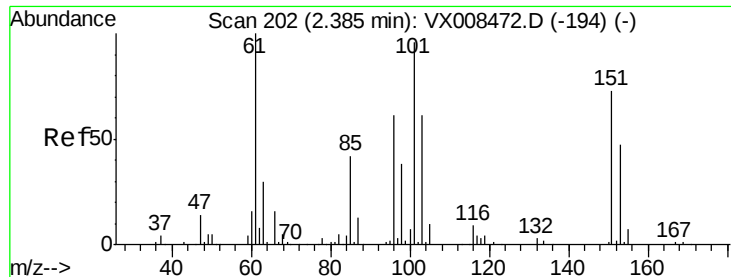


#8

Diethyl Ether
Concen: 19.601 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion: 74 Resp: 28072
Ion Ratio Lower Upper
74 100
45 110.7 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.181 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

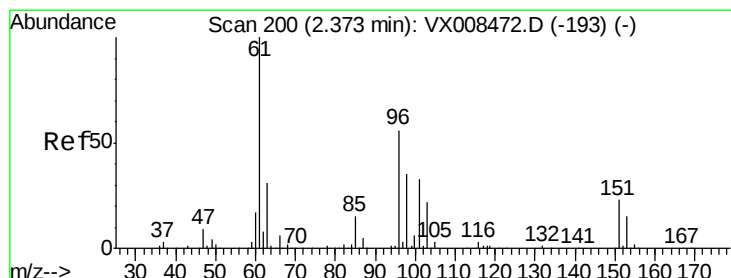
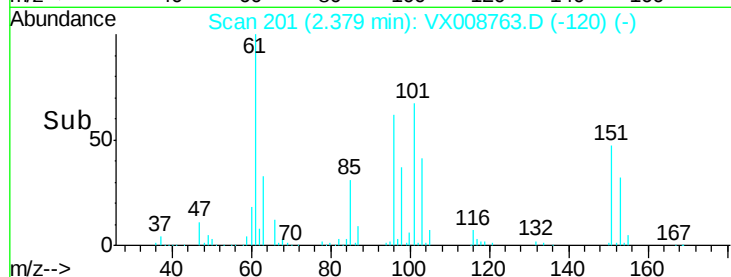
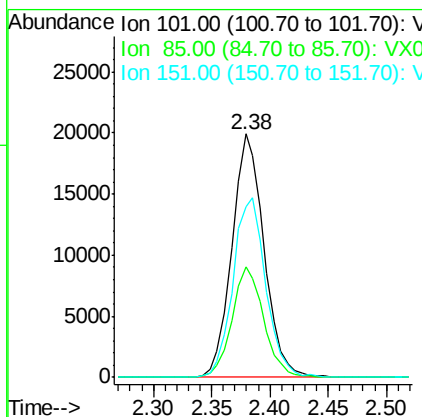
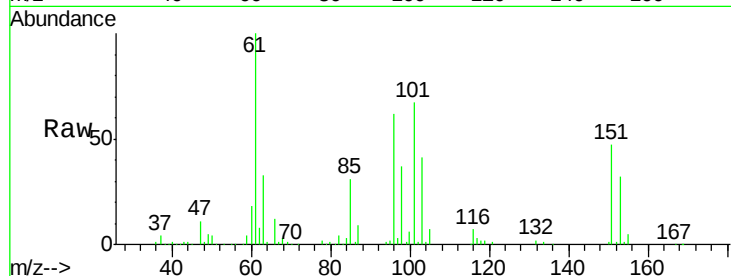
ClientSampleId :

VX0409WBS01

Tot Ion:	101	Resp:	38167
Ion Ratio	Lower	Upper	
101	100		
85	44.9	0.0	86.8
151	75.4	0.0	169.2

Manual Integrations
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MMDadoda
4/10/2019 4:21:00 PM



#10

1,1-Dichloroethene

Concen: 20.201 ug/l

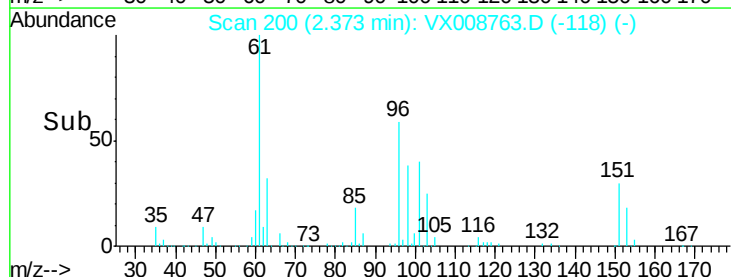
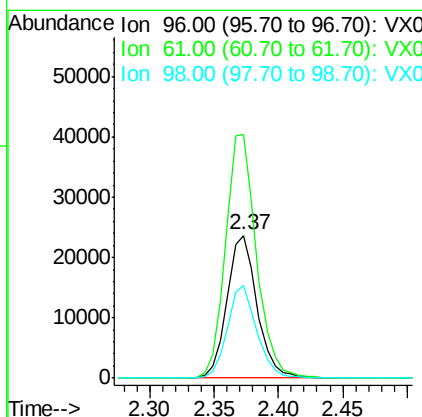
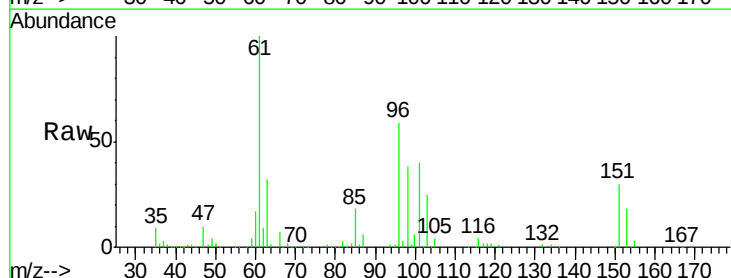
RT: 2.37 min Scan# 200

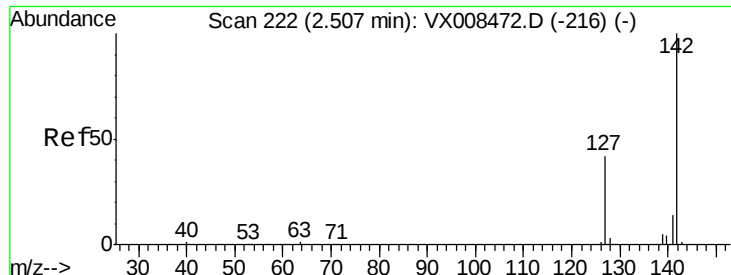
Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Tgt Ion:	96	Resp:	38758
Ion Ratio	Lower	Upper	
96	100		
61	169.9	120.2	180.2
98	64.9	49.0	73.4





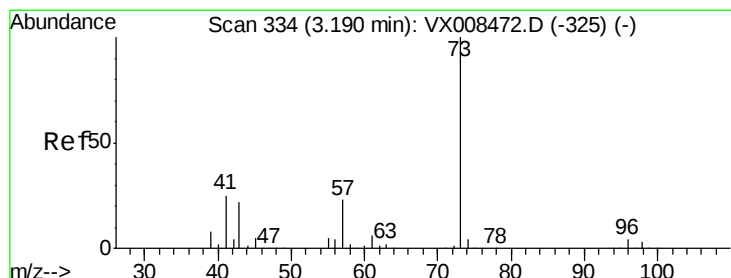
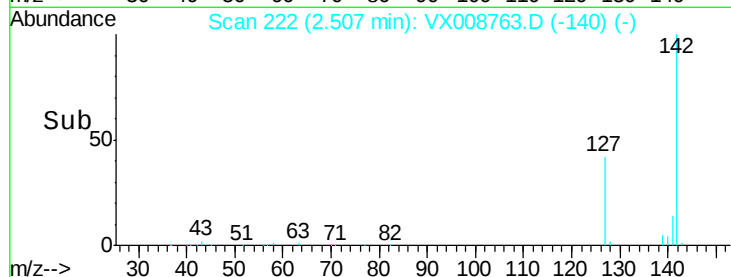
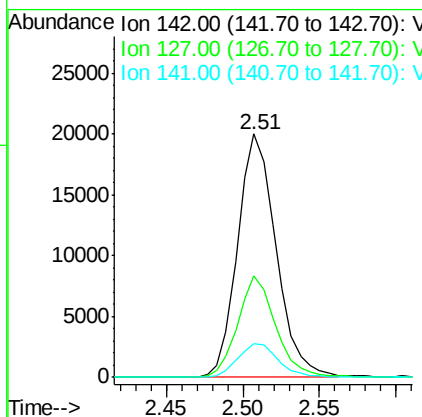
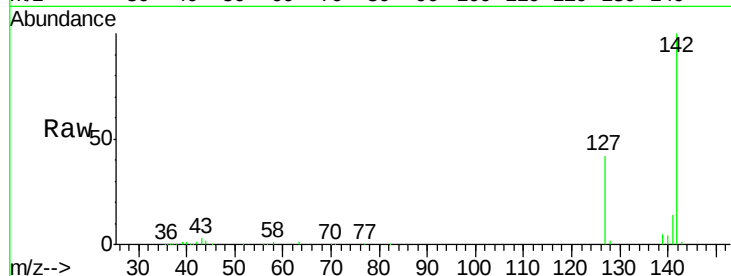
#11
Methyl Iodide
Concen: 17.640 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.4	22.1	66.5
141	14.0	7.4	22.3

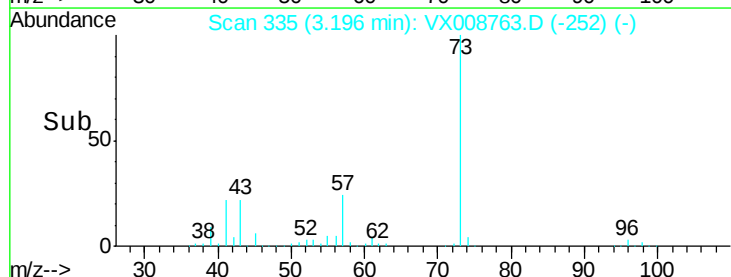
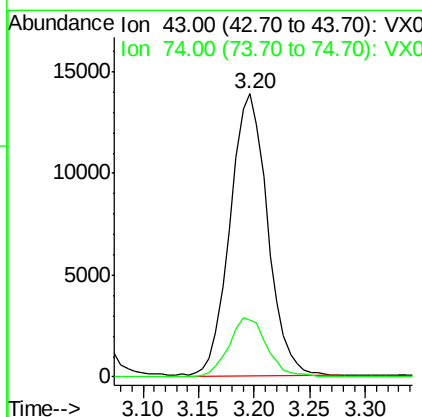
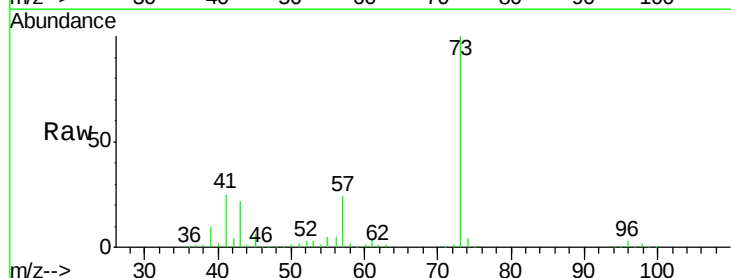
Manual Integrations
APPROVED

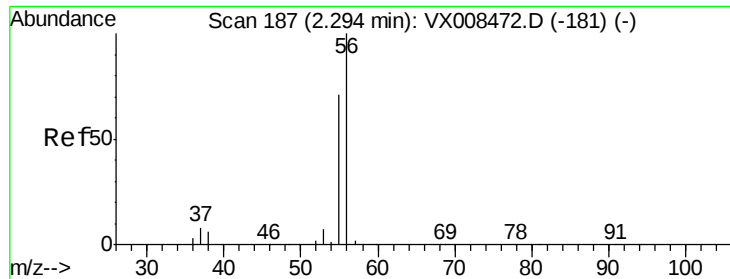
MMDadoda
4/10/2019 4:21:00 PM



#12
Methyl Acetate
Concen: 20.884 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	19.4	29.0





#13

Acrolein

Concen: 110.996 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 56 Resp: 49517

Ion Ratio Lower Upper

56 100

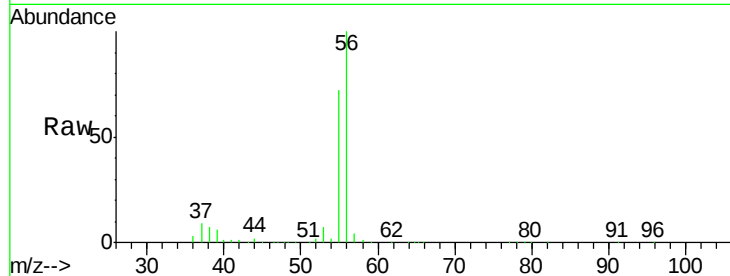
55 72.4 58.6 87.8

Manual Integrations

APPROVED

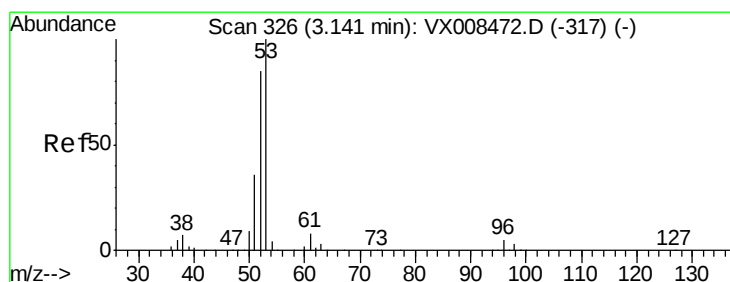
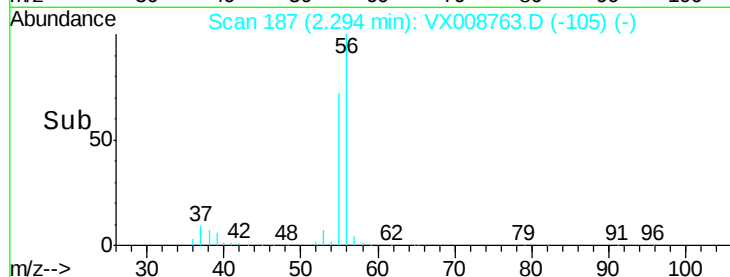
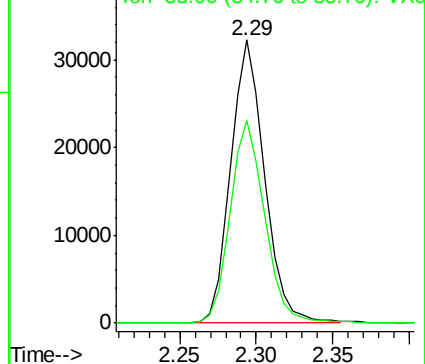
MMDadoda

4/10/2019 4:21:00 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 113.225 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

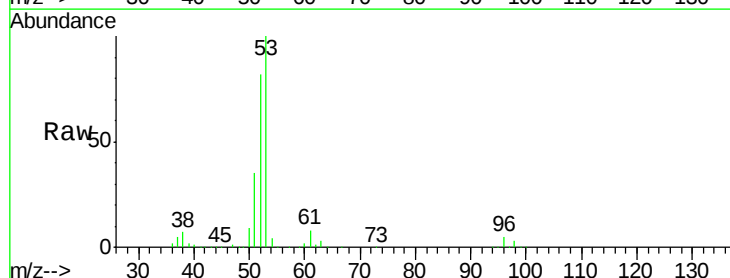
Tgt Ion: 53 Resp: 162784

Ion Ratio Lower Upper

53 100

52 83.0 41.3 124.1

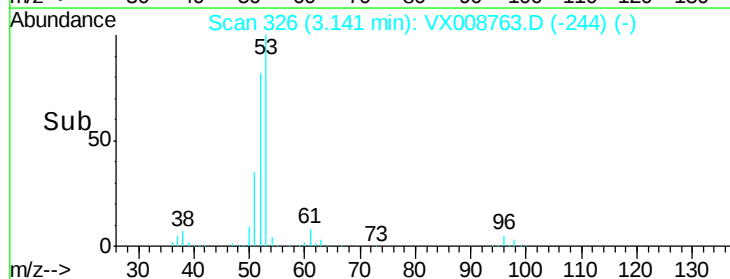
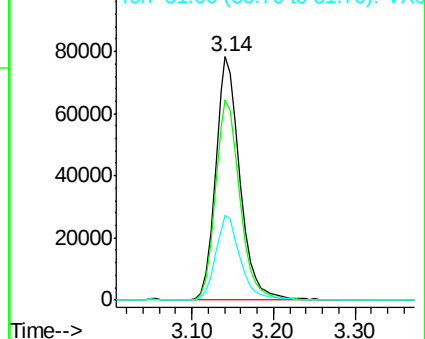
51 34.7 17.5 52.6

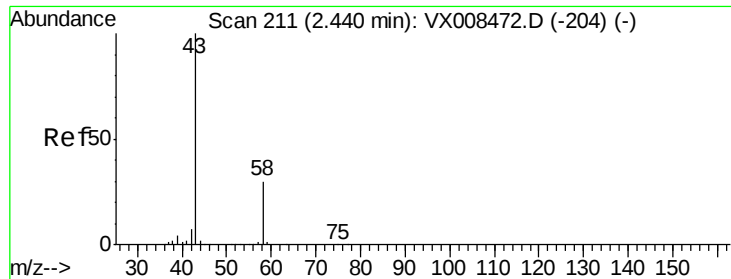


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 106.304 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampled :

VX0409WBS01

Tot Ion: 58 Resp: 47130

Ion Ratio Lower Upper

58 100

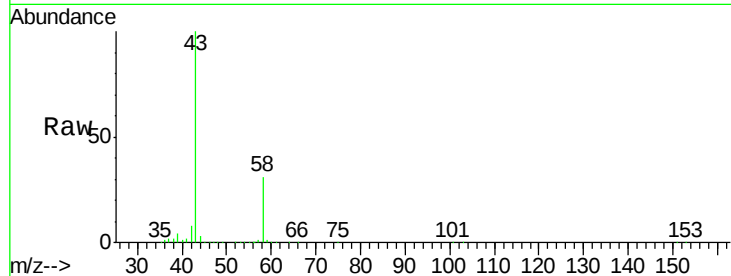
43 324.0 249.8 374.6

Manual Integrations

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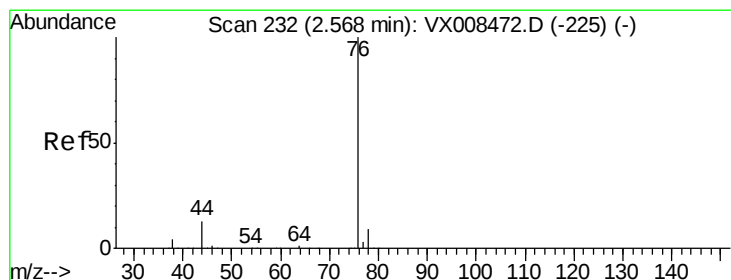
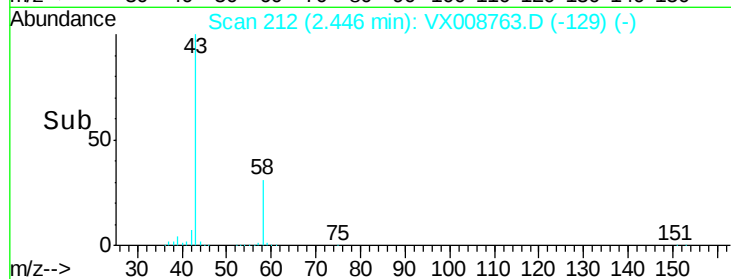
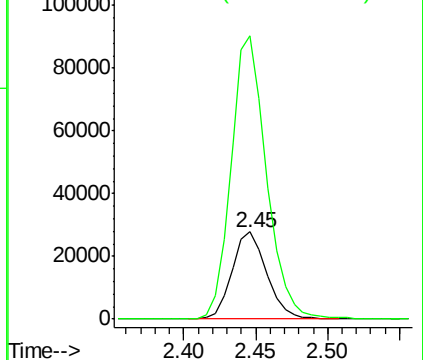
MMDadoda

4/10/2019 4:21:00 PM



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 18.241 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008763.D

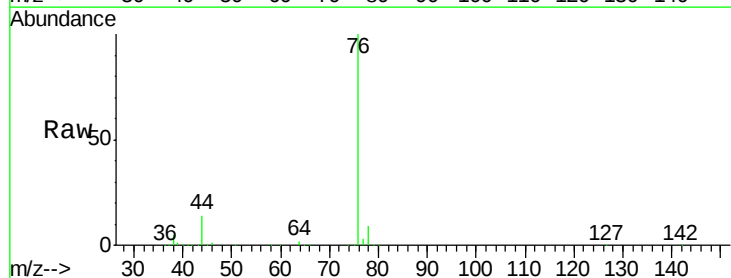
Acq: 09 Apr 2019 11:29

Tgt Ion: 76 Resp: 108875

Ion Ratio Lower Upper

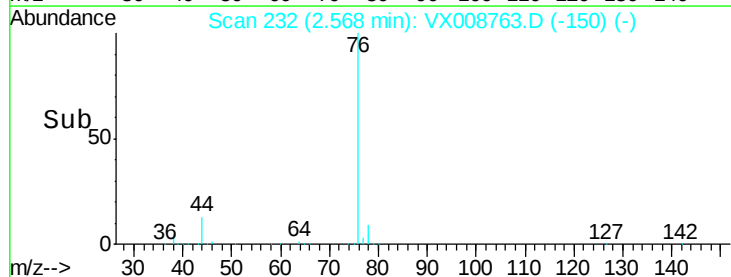
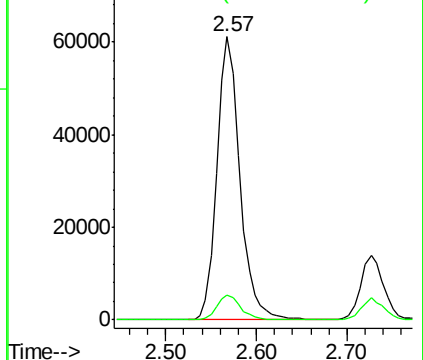
76 100

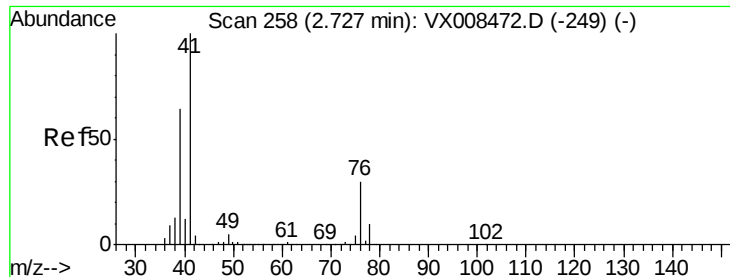
78 8.8 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





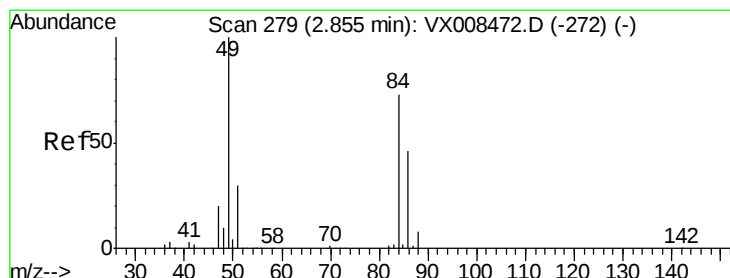
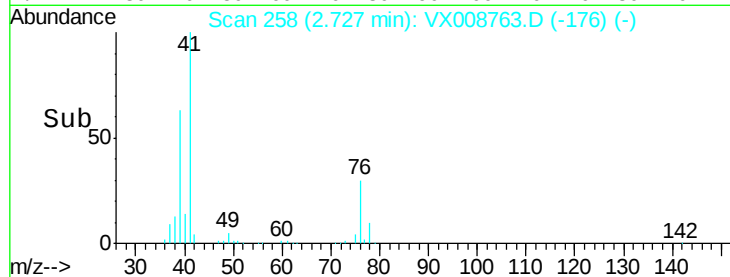
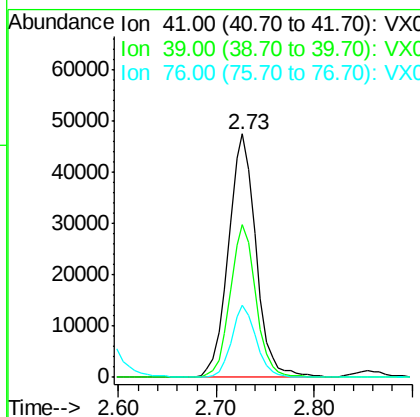
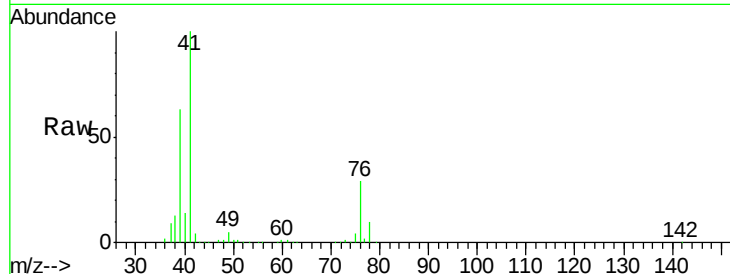
#17
Allvl chloride
Concen: 21.351 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.9	35.8	107.4
76	29.5	18.3	54.9

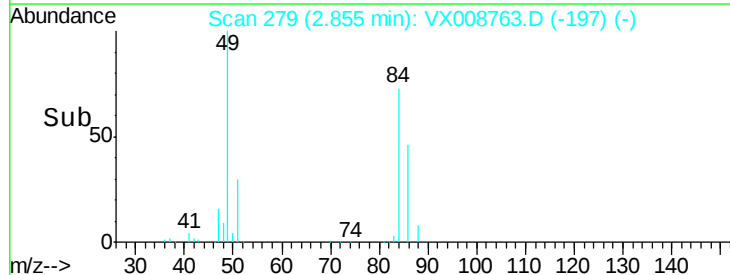
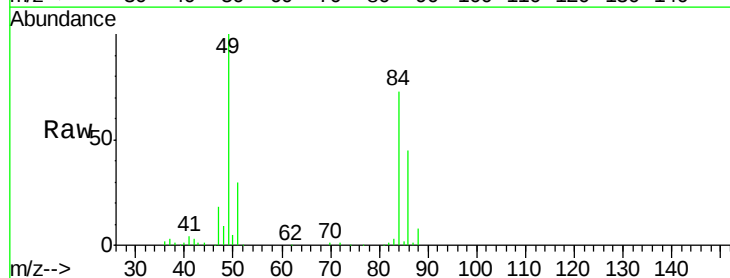
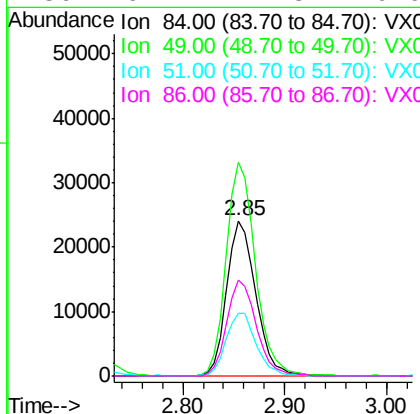
Manual Integrations
APPROVED

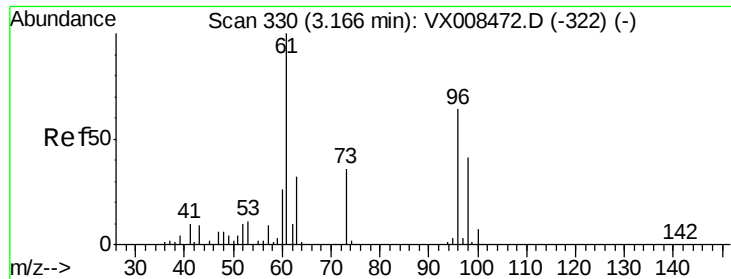
MMDadoda
4/10/2019 4:21:00 PM



#18
Methylene Chloride
Concen: 20.739 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.4	96.1	144.1
51	40.7	29.1	43.7
86	62.2	47.3	70.9





#19

trans-1,2-Dichloroethene

Concen: 20.138 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 96 Resp: 41279

Ion Ratio Lower Upper

96 100

61 154.9 109.9 164.9

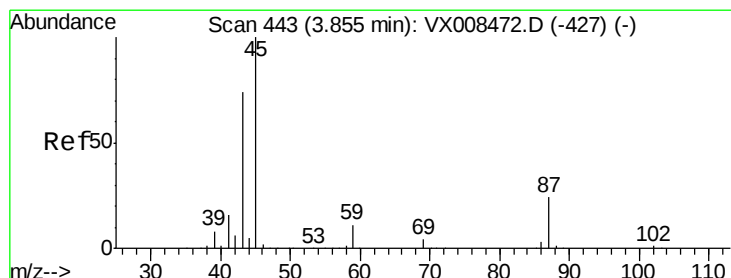
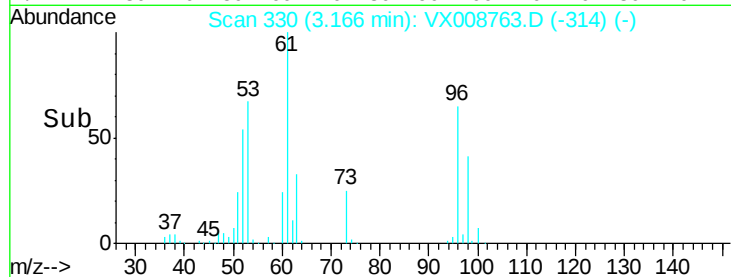
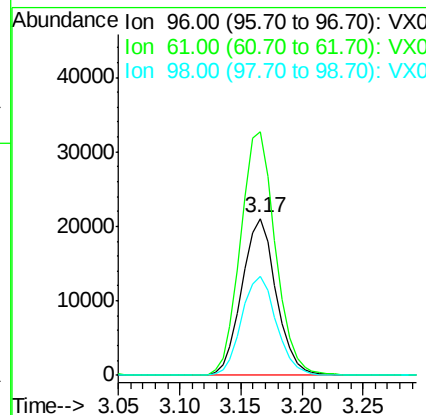
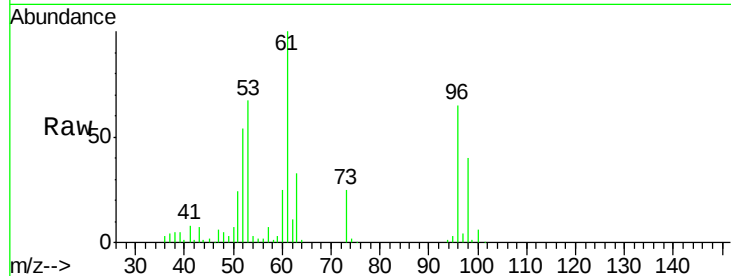
98 62.6 50.4 75.6

Manual Integrations

APPROVED

MMDadoda

4/10/2019 4:21:00 PM



#20

Diisopropyl ether

Concen: 21.438 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Tgt Ion: 45 Resp: 179930

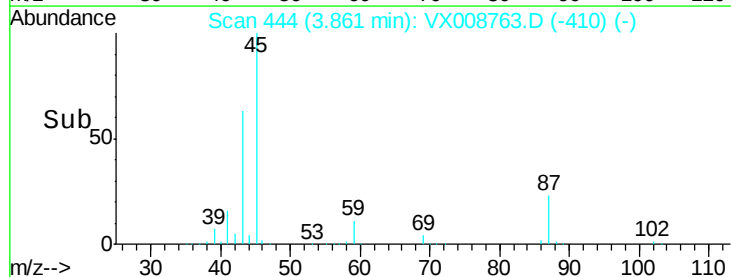
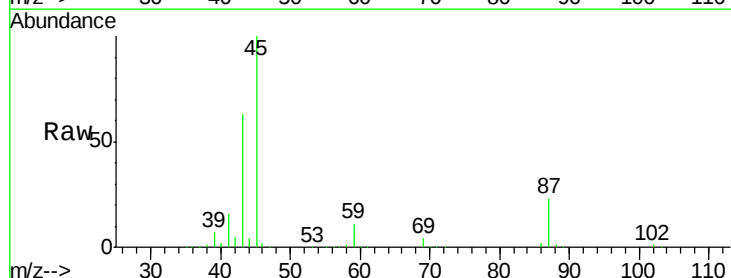
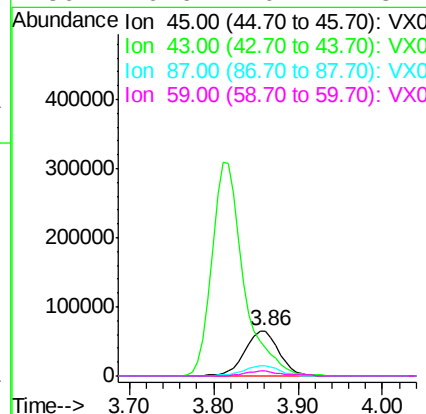
Ion Ratio Lower Upper

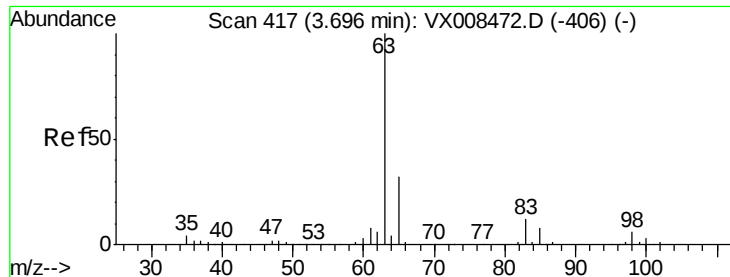
45 100

43 62.4 50.6 76.0

87 23.1 24.5 36.7#

59 10.6 10.2 15.2





#21

1,1-Dichloroethane

Concen: 21.076 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

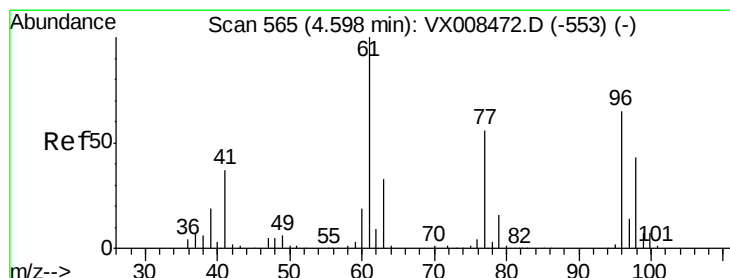
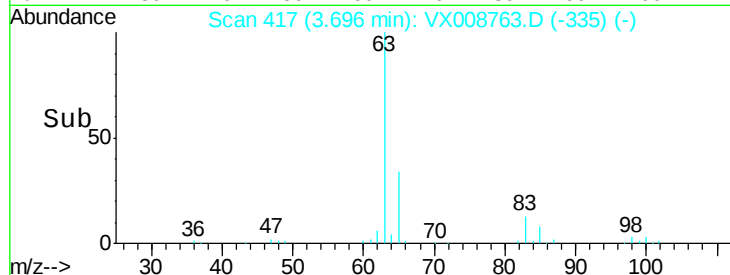
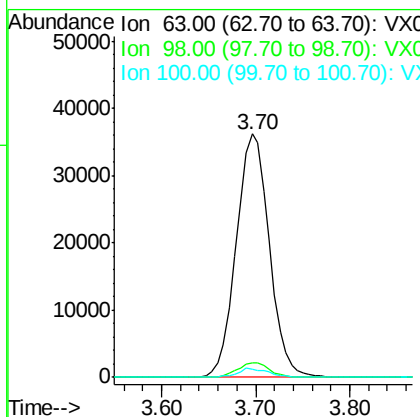
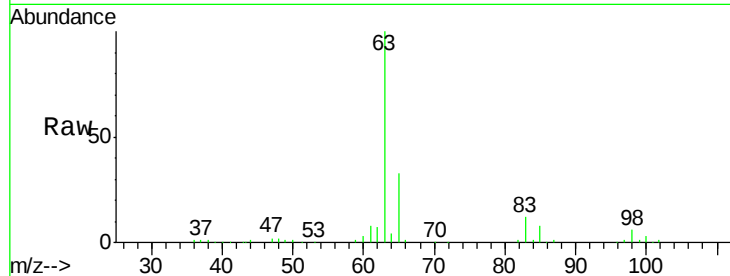
ClientSampleId :

VX0409WBS01

Tot Ion:	63	Resp:	88790
Ion	Ratio	Lower	Upper
63	100		
98	6.2	3.8	11.4
100	3.5	2.4	7.1

Manual Integrations
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4/10/2019 4:21:00 PM



#22

cis-1,2-Dichloroethene

Concen: 20.856 ug/l

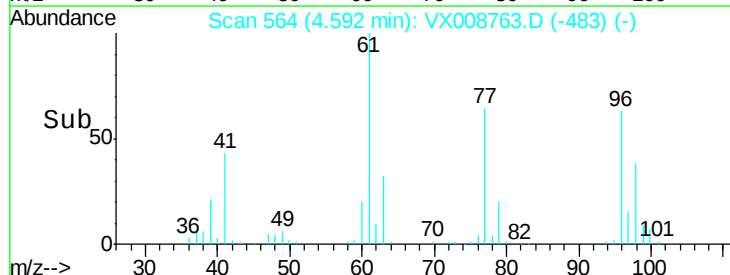
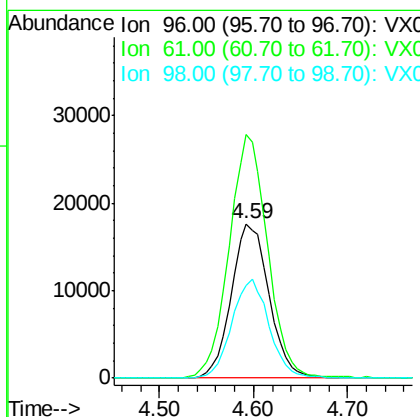
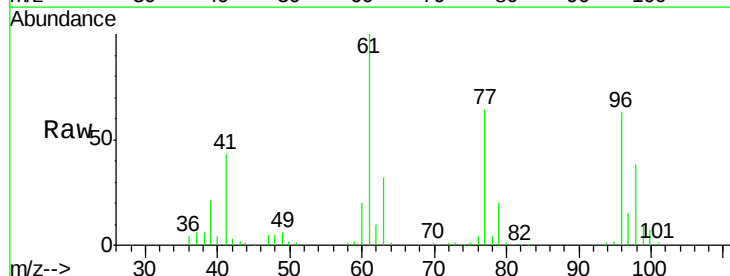
RT: 4.59 min Scan# 564

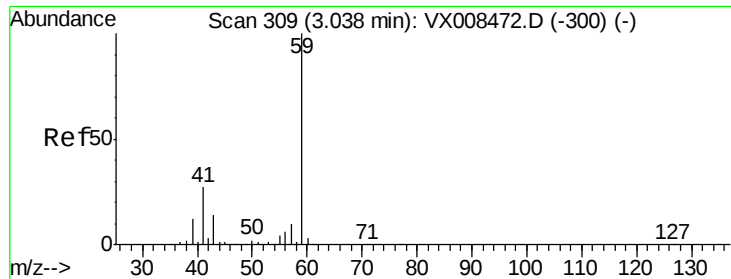
Delta R.T. -0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Tgt Ion:	96	Resp:	49402
Ion	Ratio	Lower	Upper
96	100		
61	159.7	103.5	155.3#
98	63.2	52.1	78.1





#23

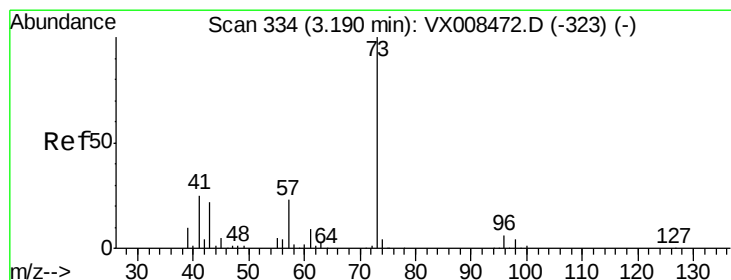
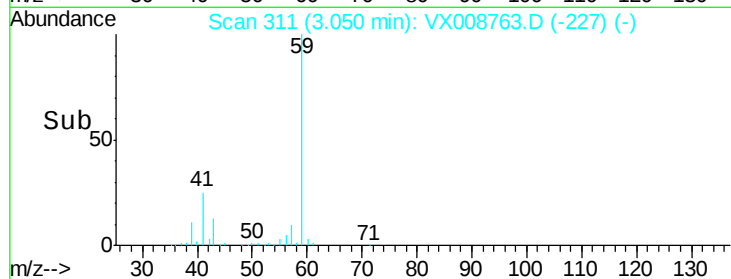
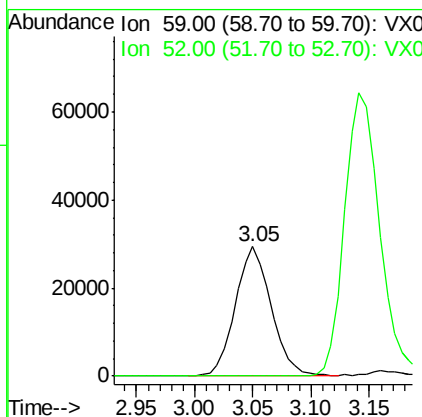
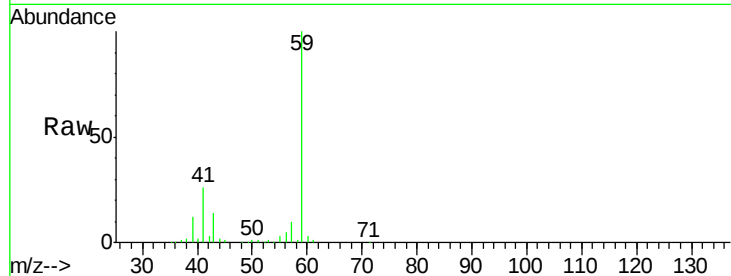
tert-Butyl Alcohol
 Concen: 109.368 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion: 59 Resp: 63494
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2#

Manual Integrations
 APPROVED

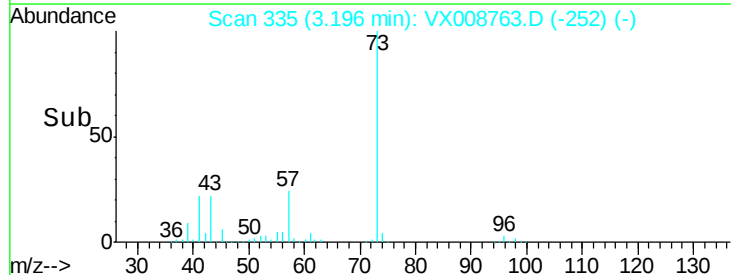
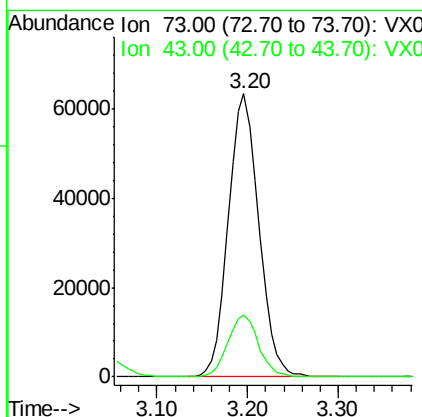
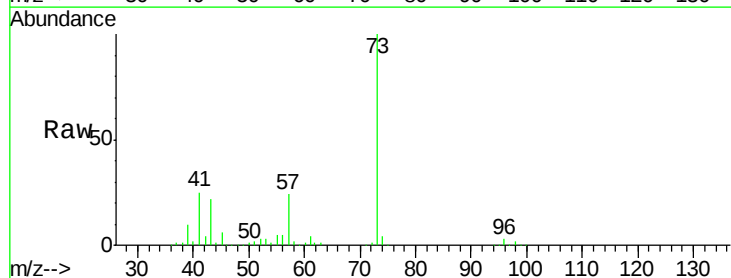
MMDadoda
 4/10/2019 4:21:00 PM

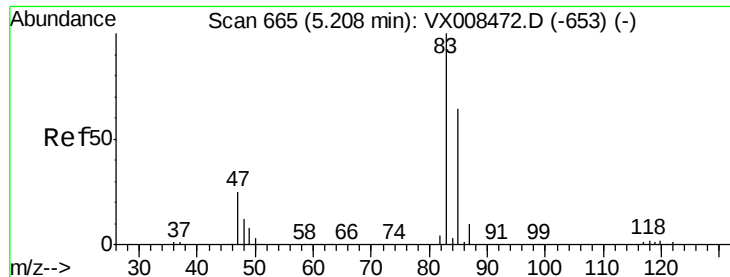


#24

Methyl tert-Butyl Ether
 Concen: 21.007 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 73 Resp: 148127
 Ion Ratio Lower Upper
 73 100
 43 21.9 17.1 25.7





#25

Chloroform

Concen: 20.939 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 83 Resp: 79905

Ion Ratio Lower Upper

83 100

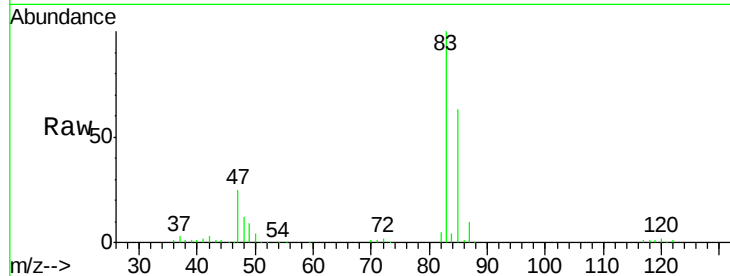
85 63.3 53.8 80.6

Manual Integrations

APPROVED

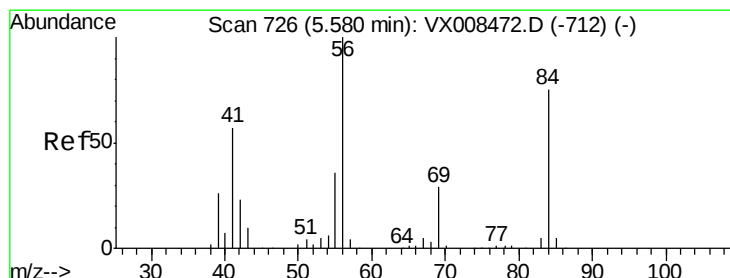
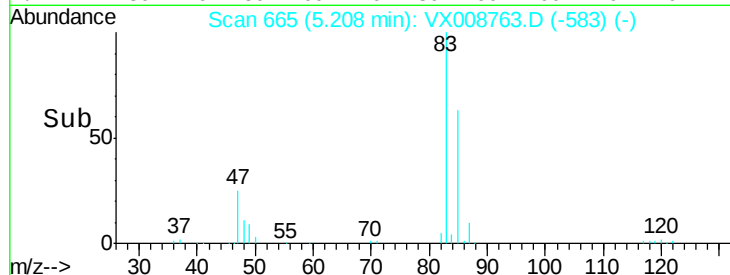
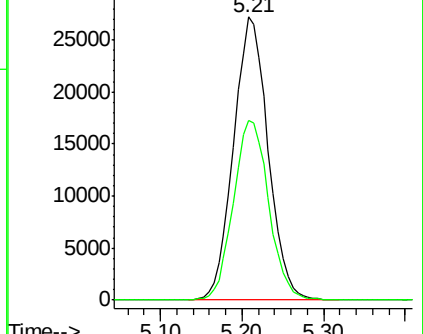
MMDadoda

4/10/2019 4:21:00 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 20.497 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

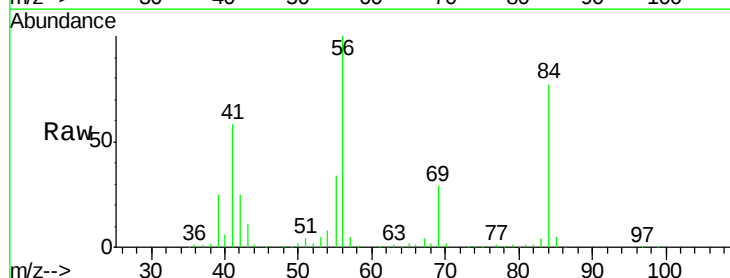
Tgt Ion: 56 Resp: 83890

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

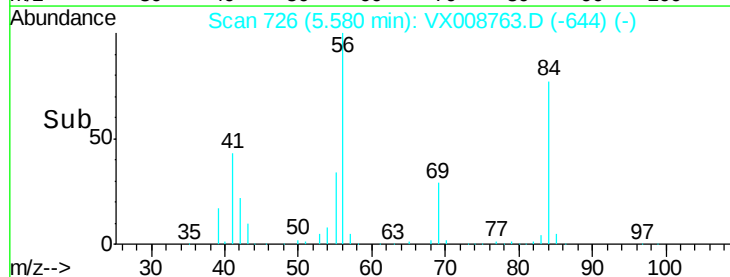
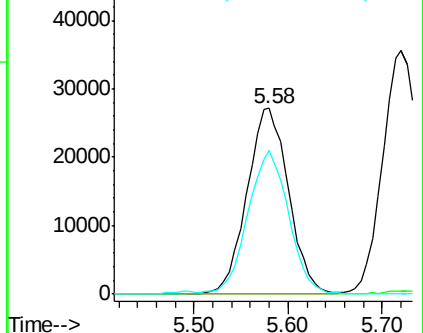
84 75.9 73.9 110.9

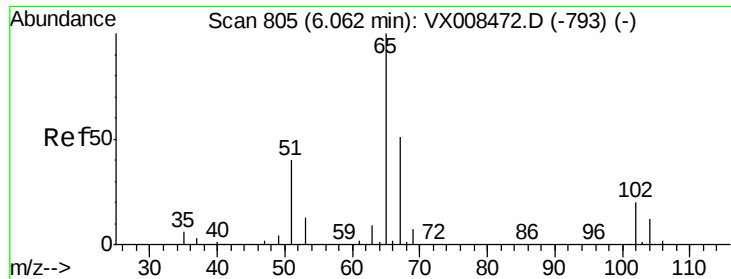


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 29.367 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 65 Resp: 74432

Ion Ratio Lower Upper

65 100

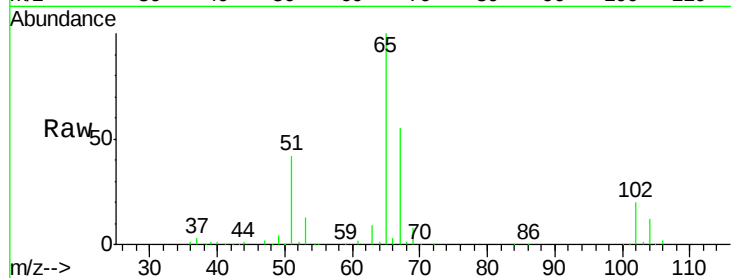
67 54.4 42.9 64.3

Manual Integrations

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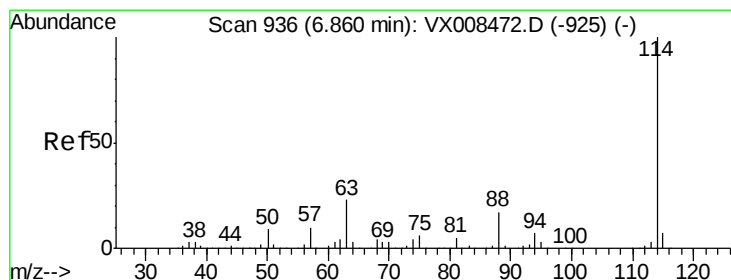
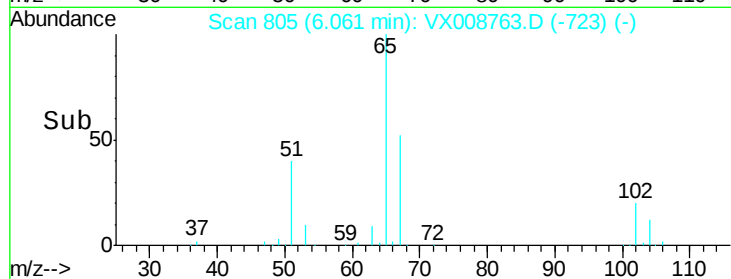
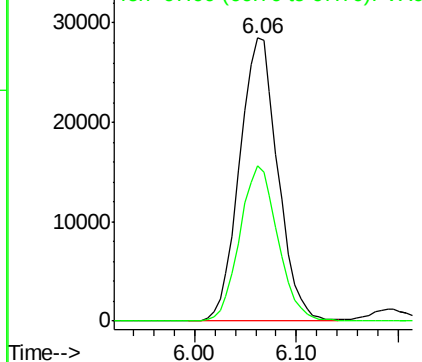
MMDadoda

4/10/2019 4:21:00 PM



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

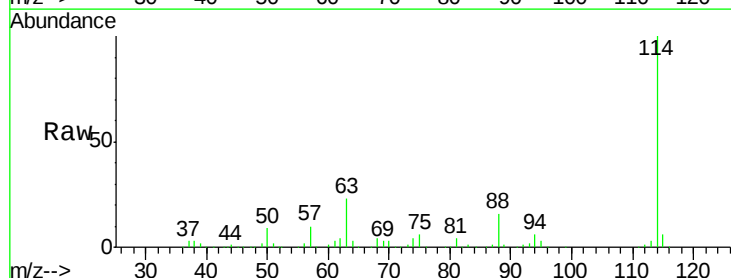
Tgt Ion: 114 Resp: 173930

Ion Ratio Lower Upper

114 100

63 23.1 14.2 21.4#

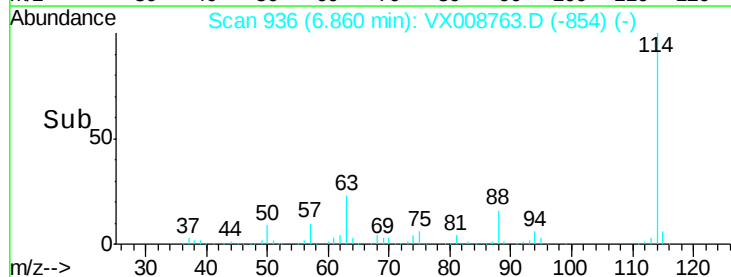
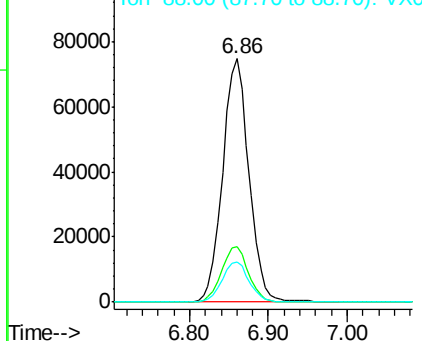
88 16.8 11.9 17.9

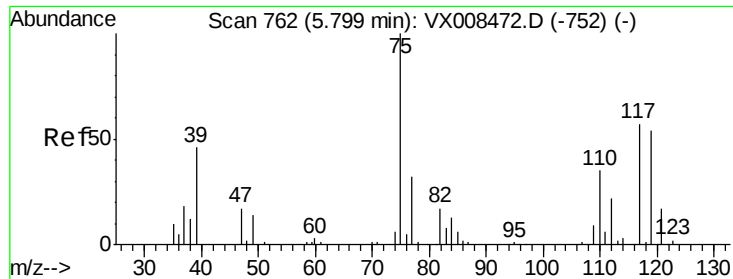


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





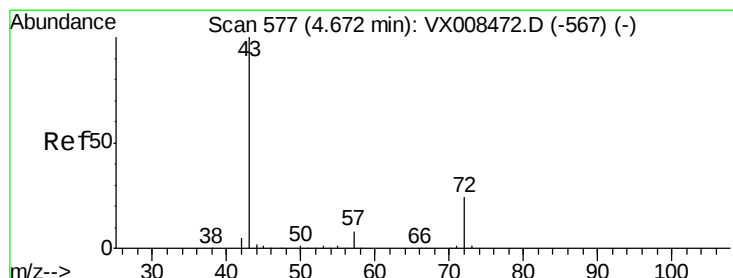
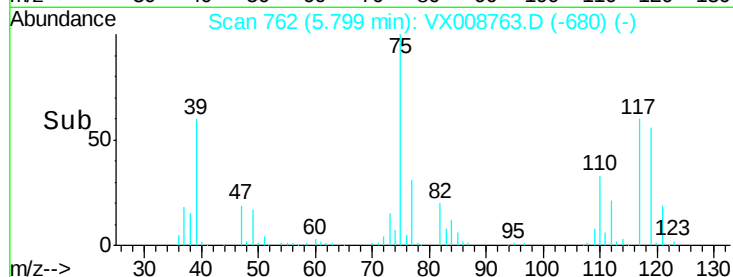
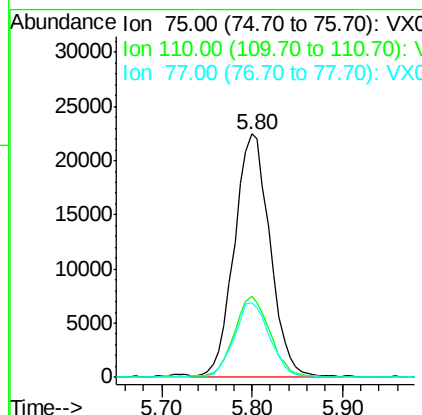
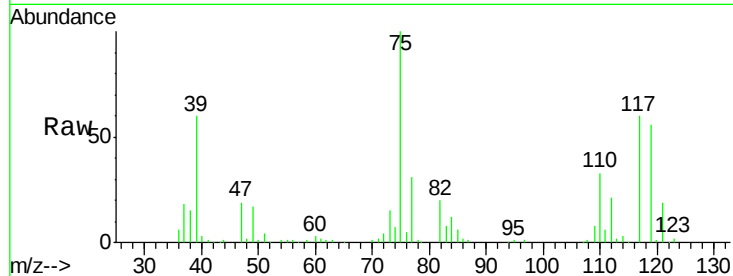
#29
 1,1-Dichloropropene
 Concen: 21.029 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.3	0.0	80.8
77	30.8	0.0	62.4

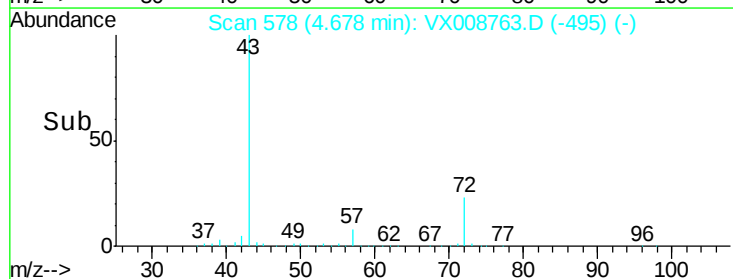
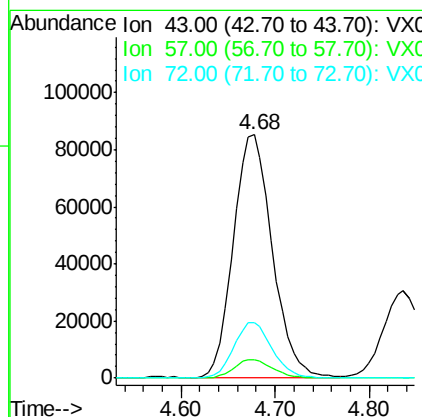
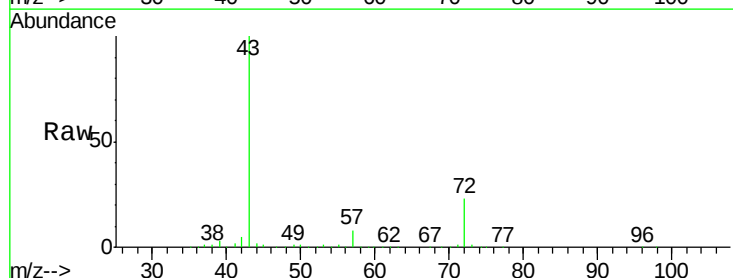
Manual Integrations
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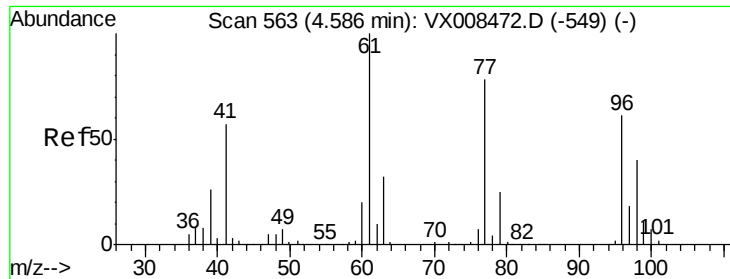
MMDadoda
 4/10/2019 4:21:00 PM



#30
 2-Butanone
 Concen: 114.201 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	7.0	10.6
72	22.5	21.5	32.3





#31

2,2-Dichloropropane

Concen: 21.377 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 77 Resp: 62473

Ion Ratio Lower Upper

77 100

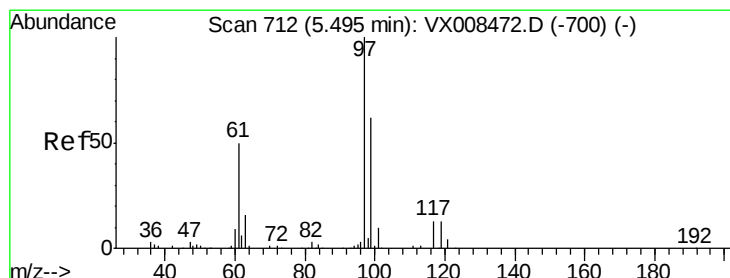
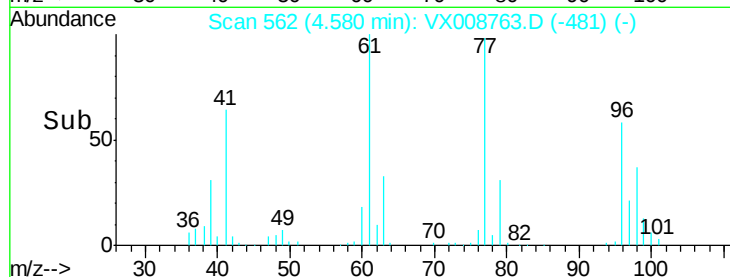
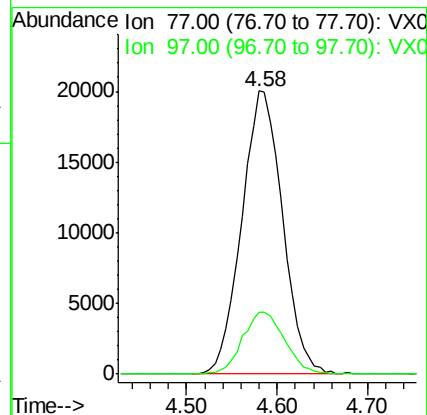
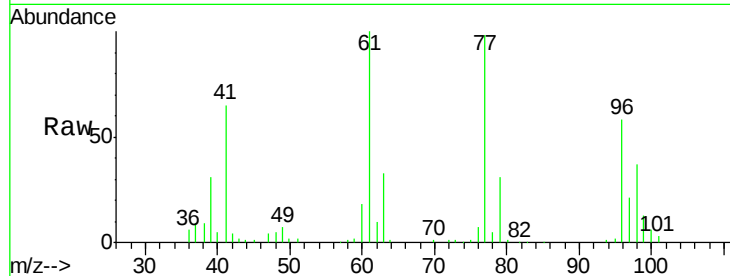
97 22.8 20.6 31.0

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.895 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

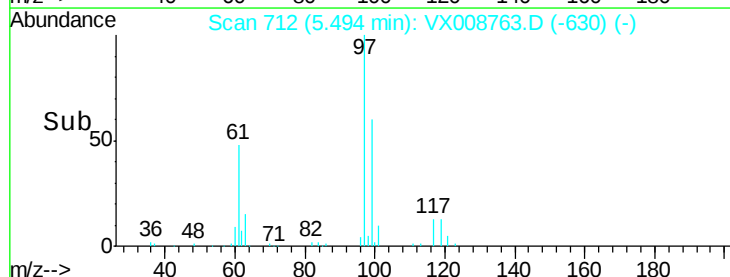
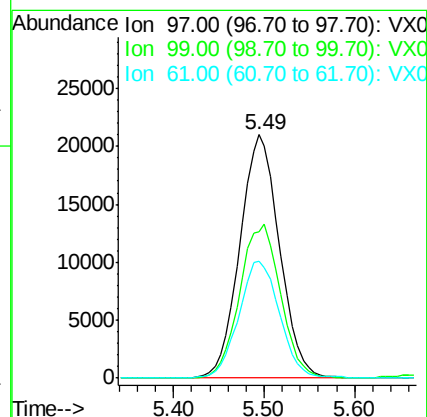
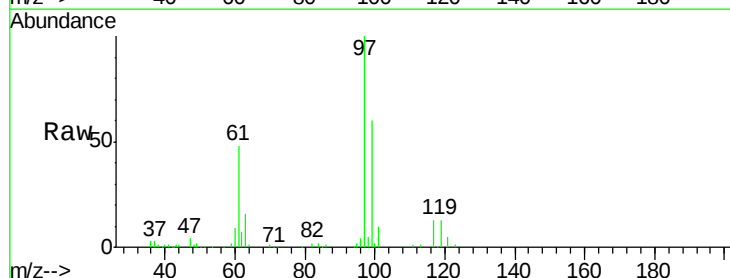
Tgt Ion: 97 Resp: 63492

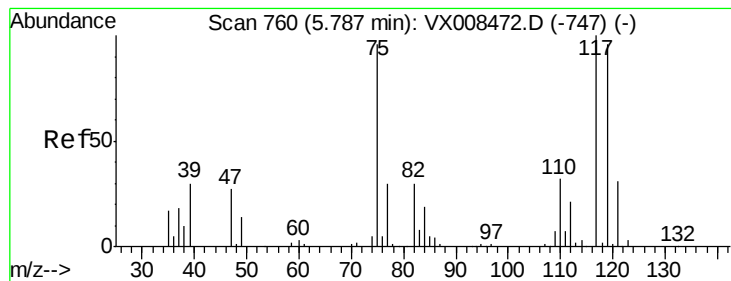
Ion Ratio Lower Upper

97 100

99 65.1 51.7 77.5

61 49.3 32.8 49.2#





#33

Carbon Tetrachloride

Concen: 20.703 ug/l

RT: 5.79 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

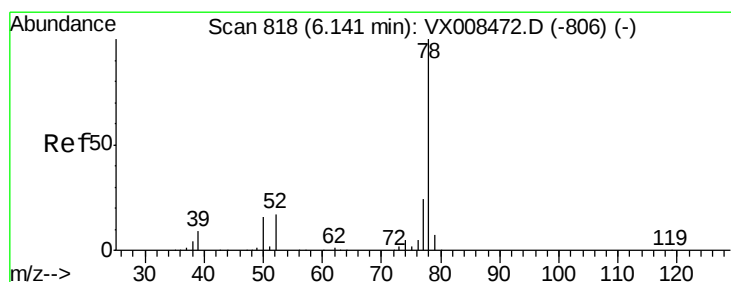
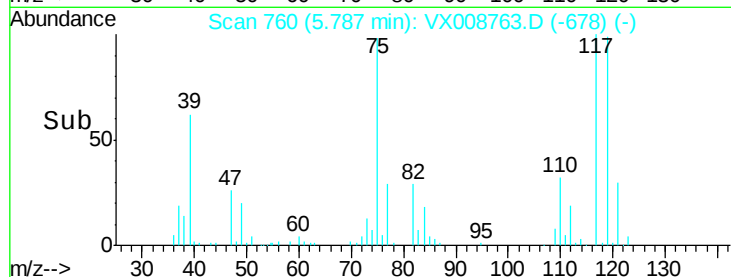
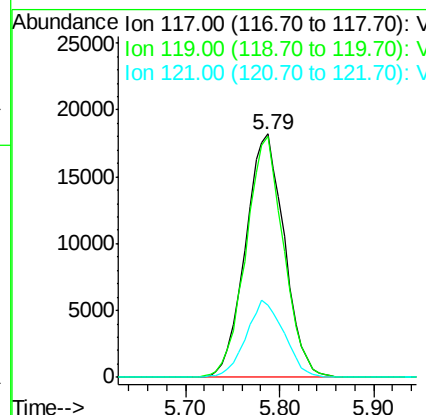
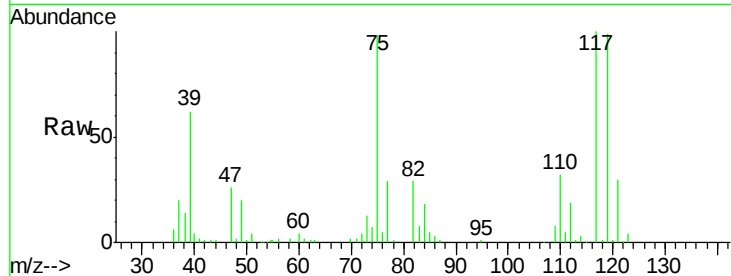
ClientSampleId :

VX0409WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	99.1	78.1	117.1
121	29.9	27.0	40.6

Manual Integrations
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#34

Benzene

Concen: 21.187 ug/l

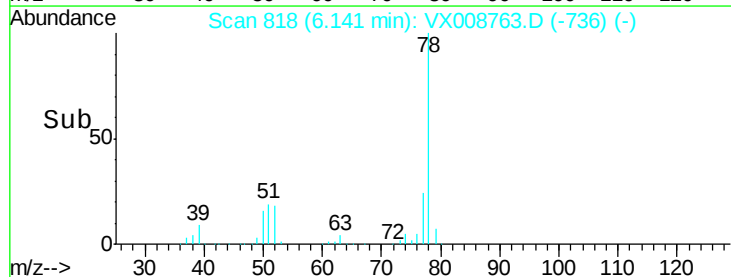
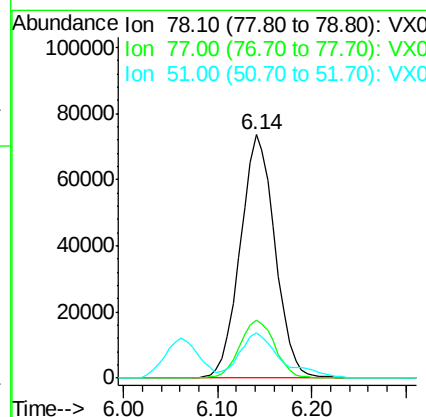
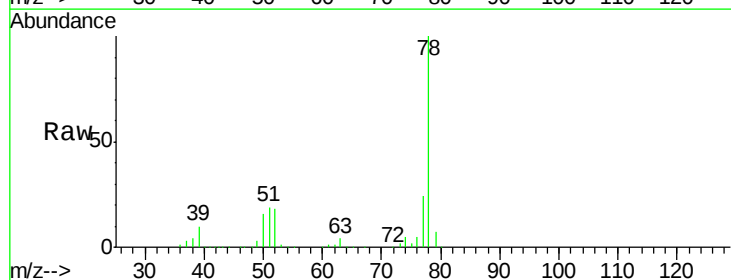
RT: 6.14 min Scan# 818

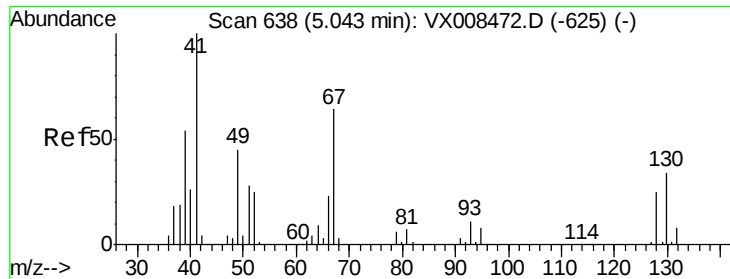
Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7
51	18.2	10.8	16.2





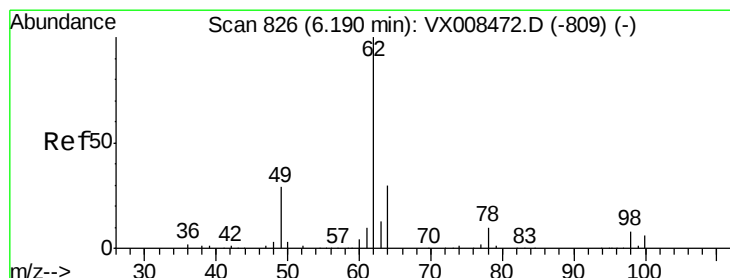
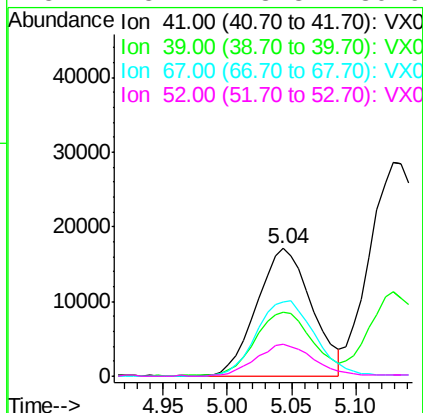
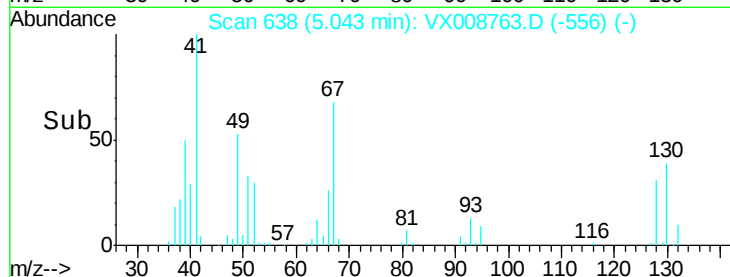
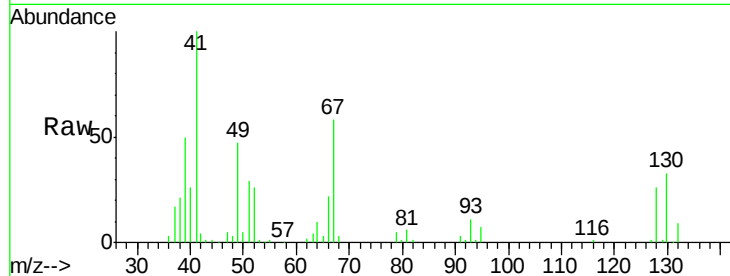
#35
Methacrylonitrile
Concen: 23.027 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	49.8	27.4	82.0	
67	58.3	37.9	113.6	
52	25.2	13.3	39.9	

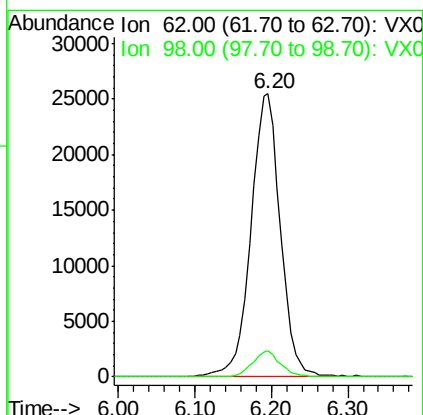
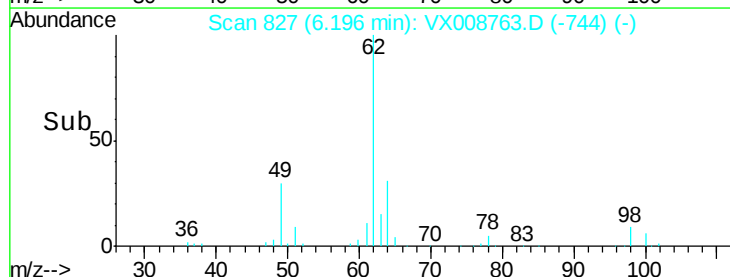
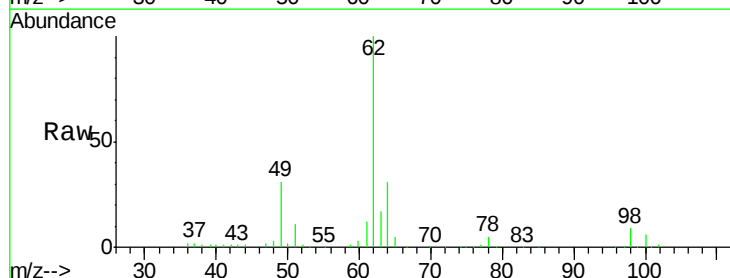
Manual Integrations
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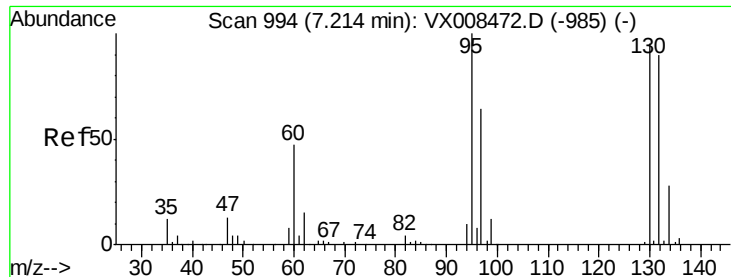
MMDadoda
4/10/2019 4:21:00 PM



#36
1,2-Dichloroethane
Concen: 21.428 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	7.8	11.8	





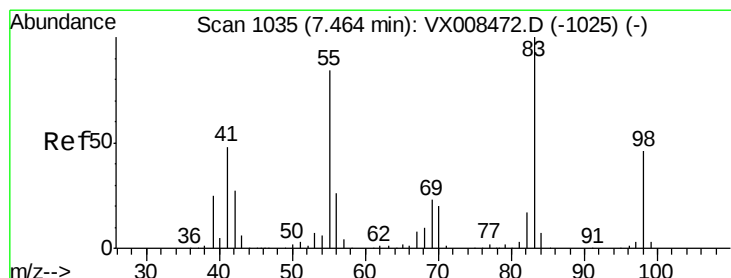
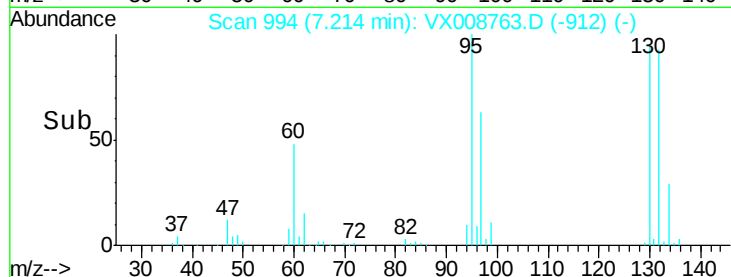
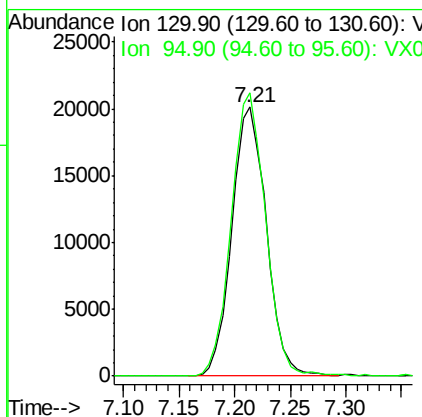
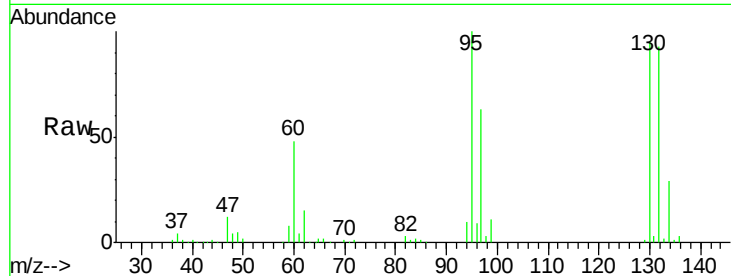
#37
 Trichloroethene
 Concen: 21.033 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion:130 Resp: 43265
 Ion Ratio Lower Upper
 130 100
 95 105.2 71.3 106.9

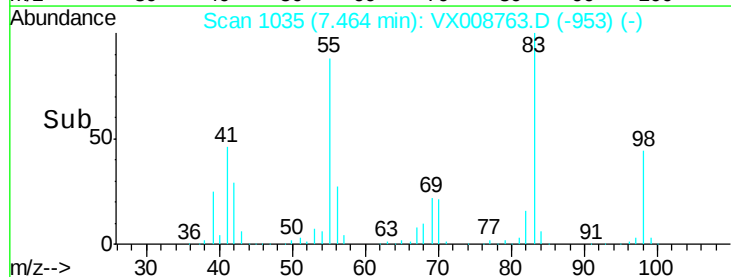
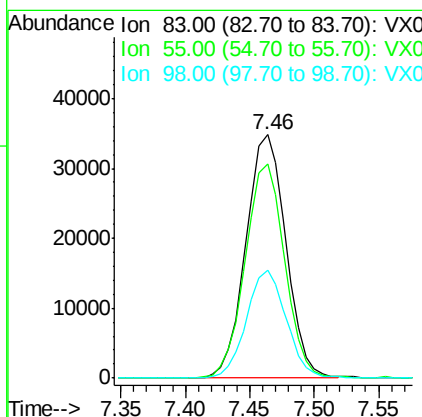
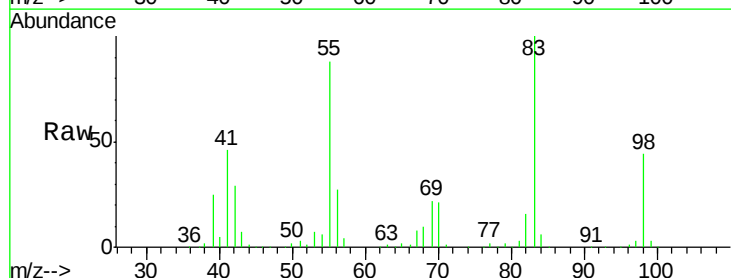
Manual Integrations
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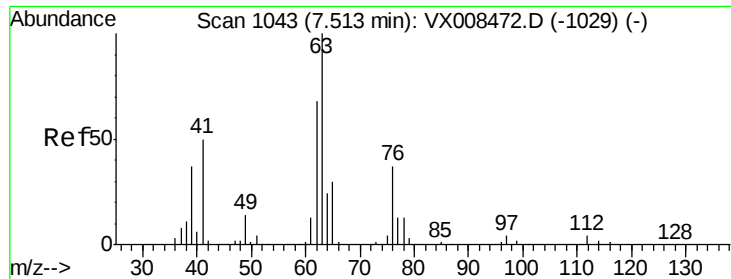
MMDadoda
 4/10/2019 4:21:00 PM



#38
 Methylcyclohexane
 Concen: 20.354 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 83 Resp: 75049
 Ion Ratio Lower Upper
 83 100
 55 87.0 36.0 108.0
 98 44.0 23.8 71.4





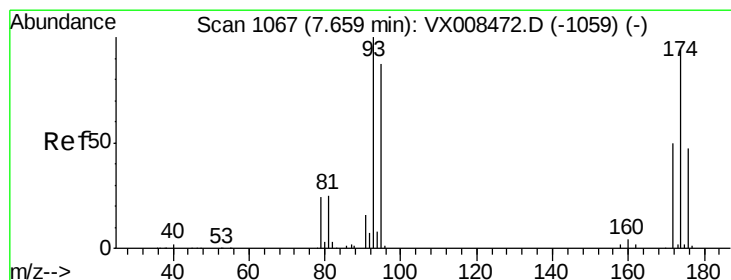
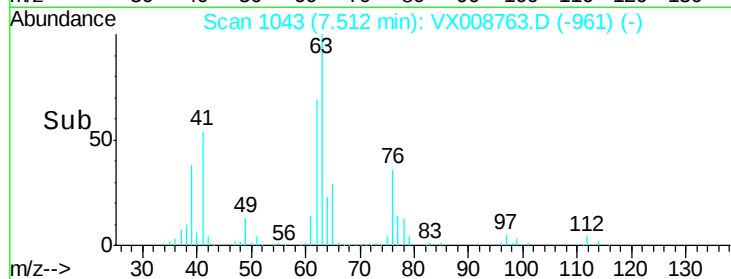
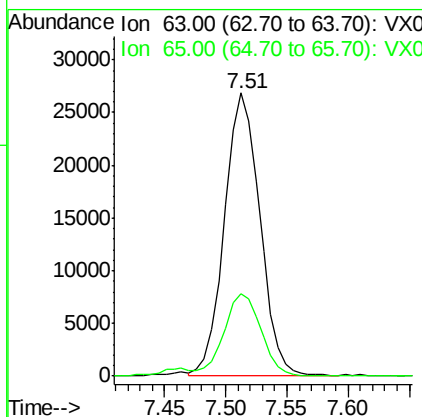
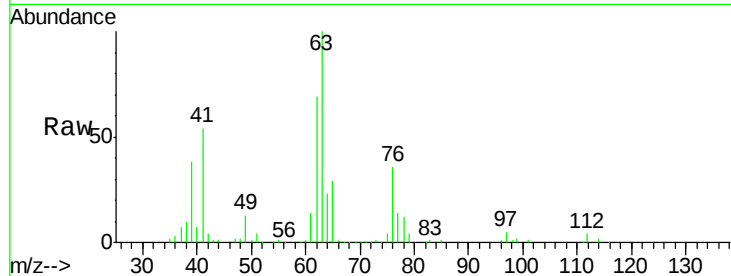
#39
 1,2-Dichloropropane
 Concen: 21.300 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion: 63 Resp: 54037
 Ion Ratio Lower Upper
 63 100
 65 29.1 24.6 37.0

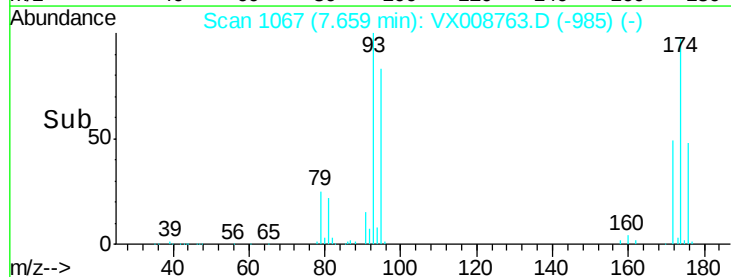
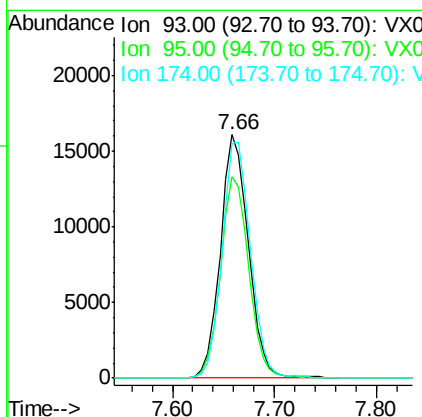
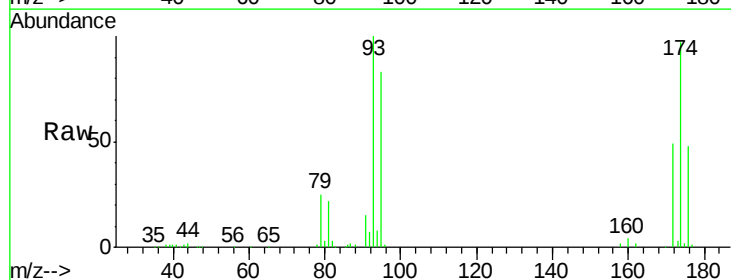
Manual Integrations
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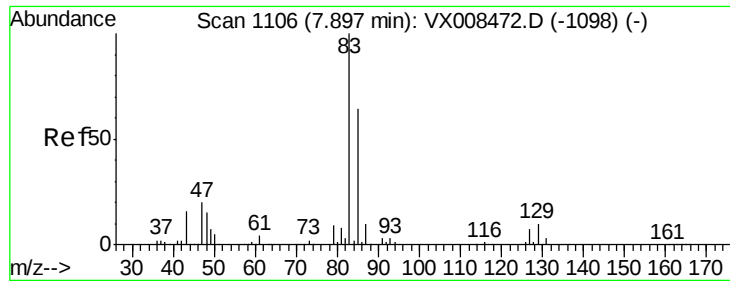
MMDadoda
 4/10/2019 4:21:00 PM



#40
 Dibromomethane
 Concen: 20.945 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion: 93 Resp: 30781
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 158.8
 174 97.7 0.0 224.2





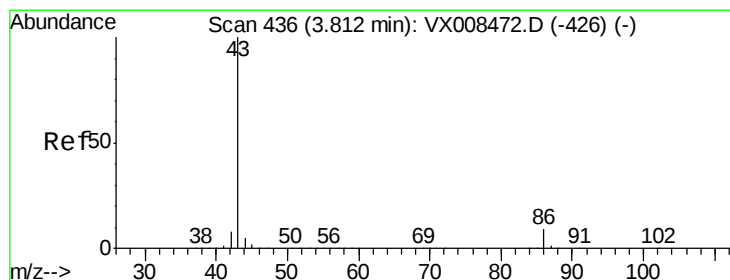
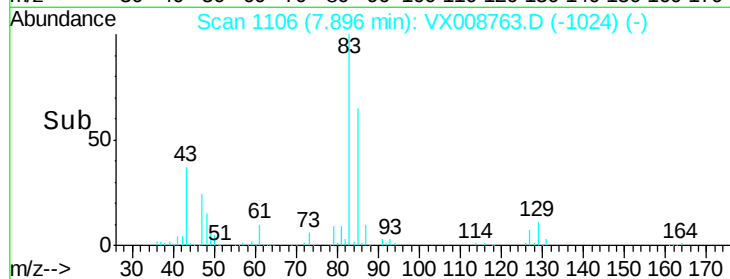
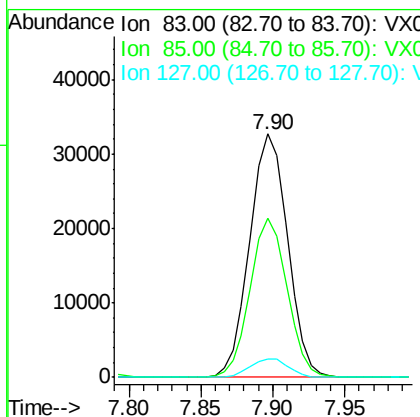
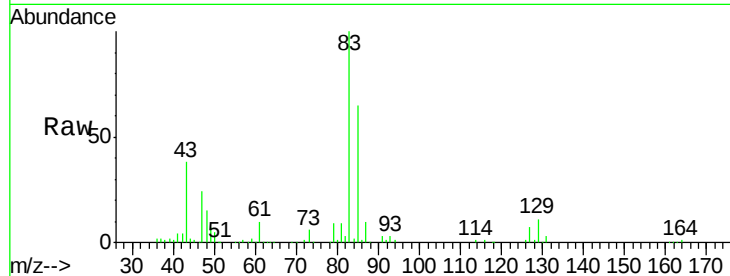
#41
Bromodichloromethane
Concen: 20.675 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	83	Resp	59743
Ion Ratio	100	Lower	Upper
83	100		
85	65.4	51.1	76.7
127	7.5	7.2	10.8

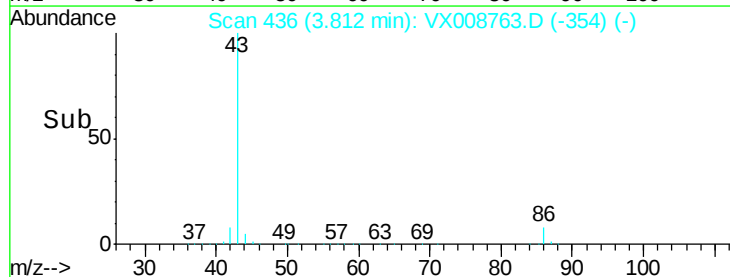
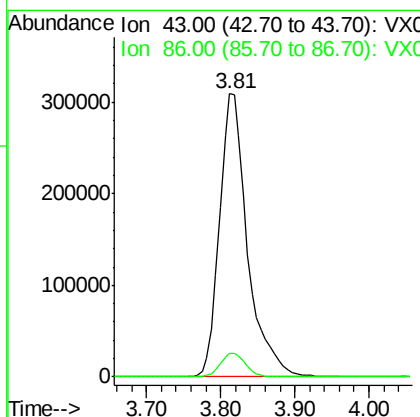
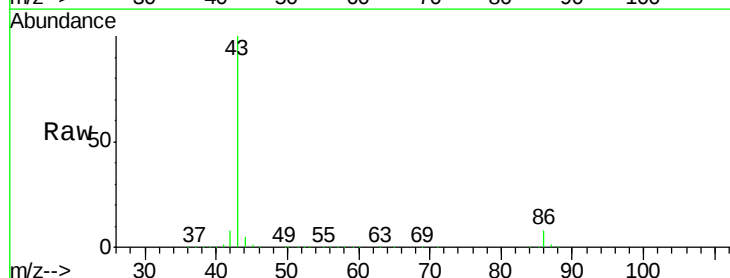
Manual Integrations
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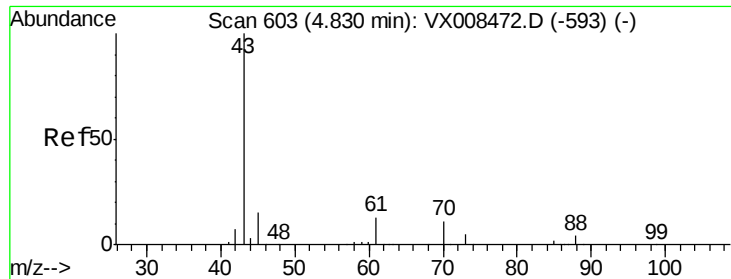
MMDadoda
4/10/2019 4:21:00 PM



#42
Vinyl Acetate
Concen: 110.533 ug/l
RT: 3.81 min Scan# 436
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	43	Resp	806240
Ion Ratio	100	Lower	Upper
43	100		
86	7.6	8.2	12.2#





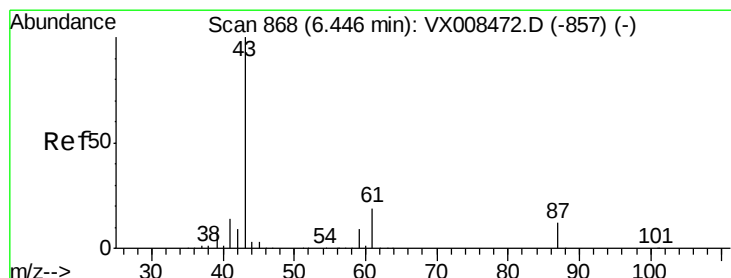
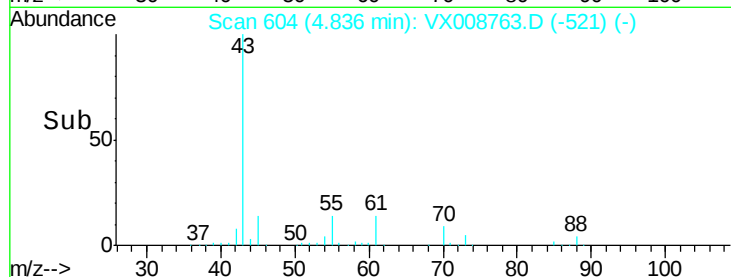
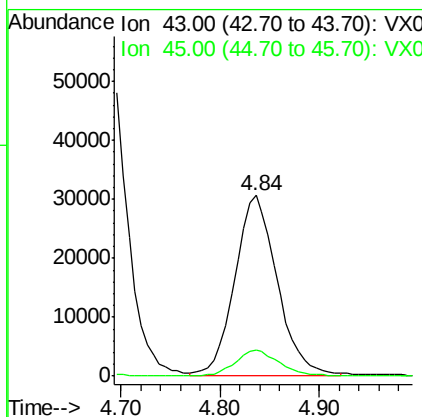
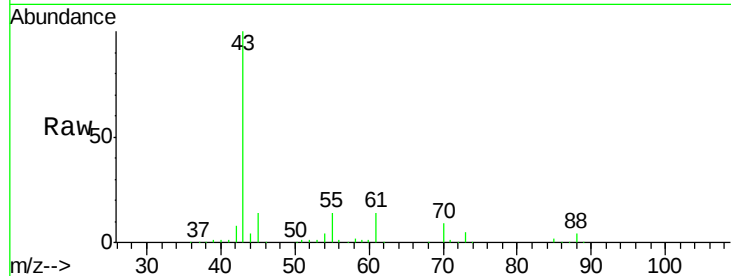
#43
Ethyl Acetate
Concen: 23.630 ug/l m
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion: 43 Resp: 91512
Ion Ratio Lower Upper
43 100
45 0.1 6.9 10.3#

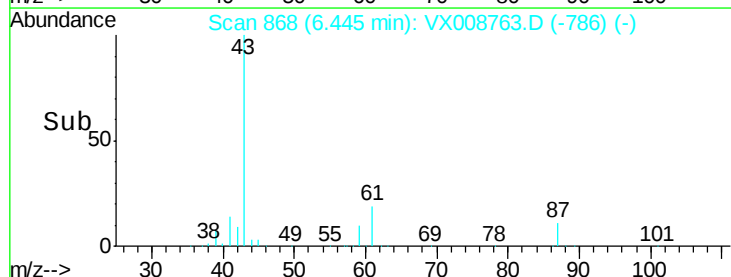
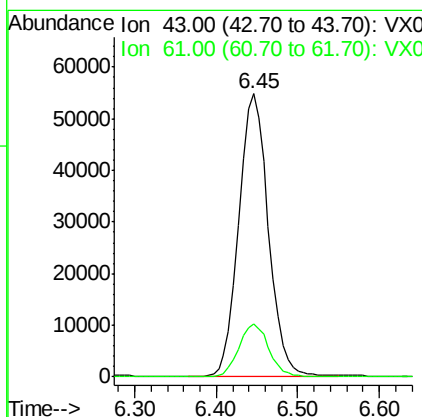
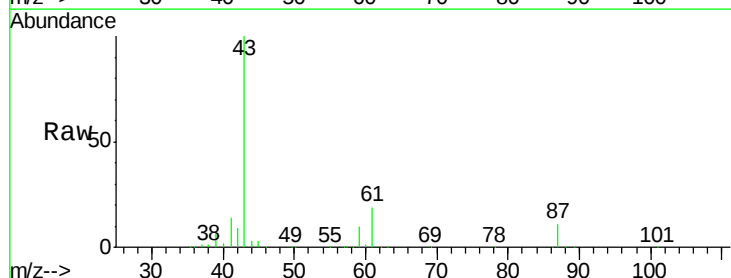
Manual Integrations
APPROVED

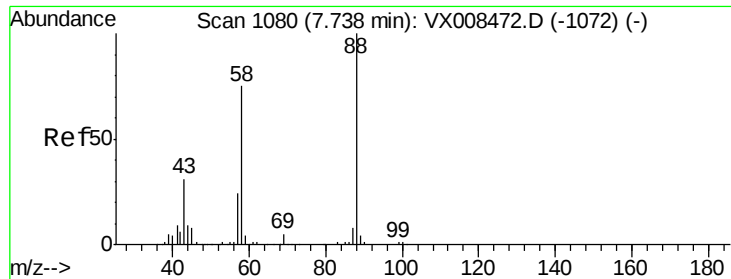
MMDadoda
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#44
Isopropyl Acetate
Concen: 22.006 ug/l
RT: 6.45 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion: 43 Resp: 137808
Ion Ratio Lower Upper
43 100
61 19.0 16.1 24.1





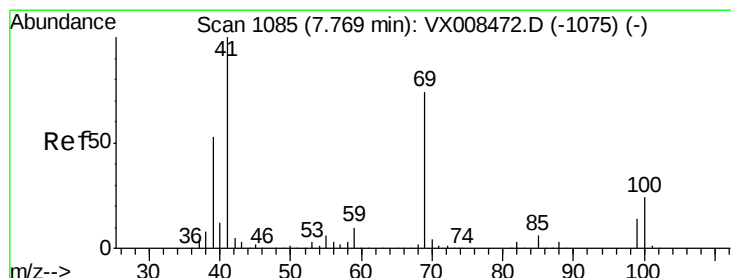
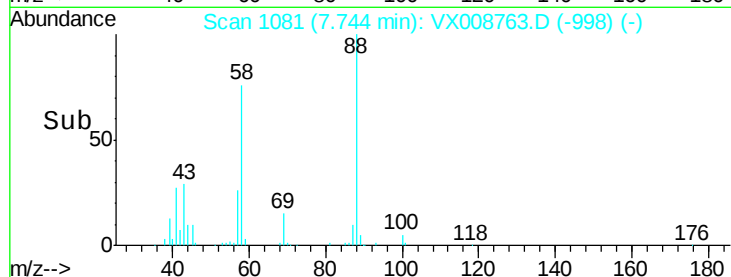
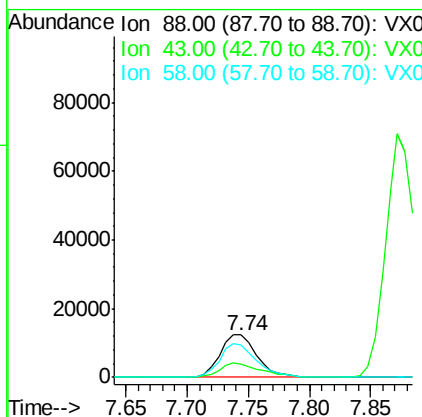
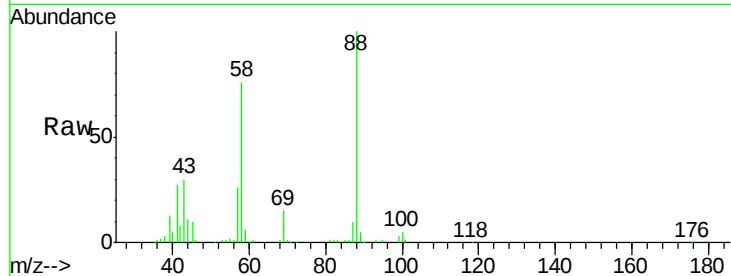
#45
 1,4-Dioxane
 Concen: 416.623 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	23.6	35.4#
58	79.2	51.6	77.4#

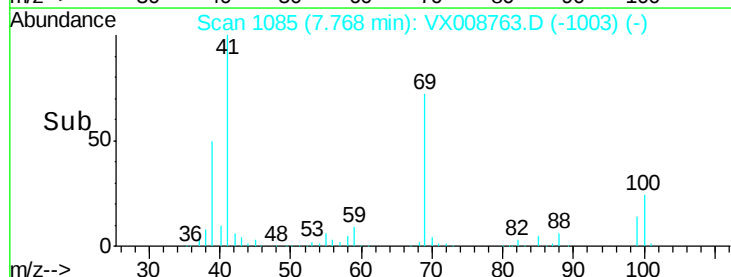
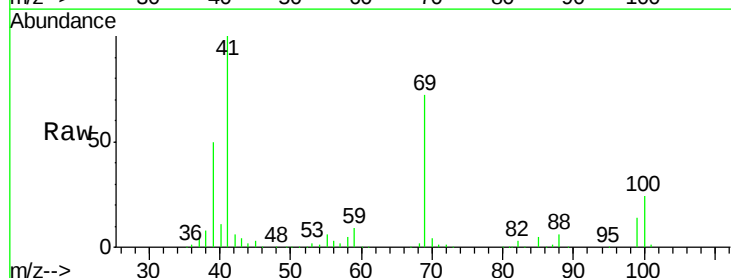
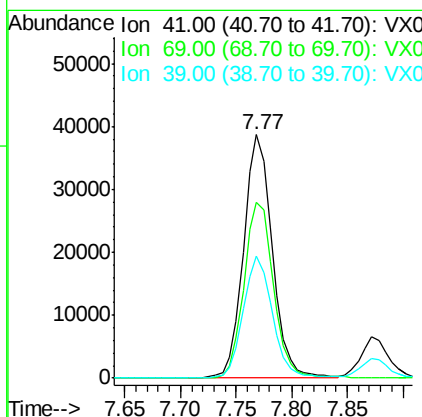
Manual Integrations
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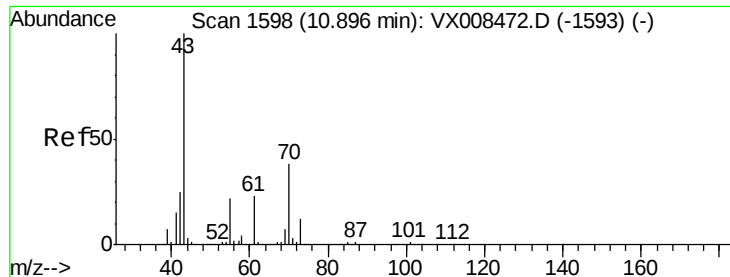
MMDadoda
 4/10/2019 4:21:00 PM



#46
 Methyl methacrylate
 Concen: 21.742 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.2	44.2	132.6
39	49.9	29.9	89.8





#47

n-amvl Acetate

Concen: 20.553 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 43 Resp: 116912

Ion Ratio Lower Upper

43 100

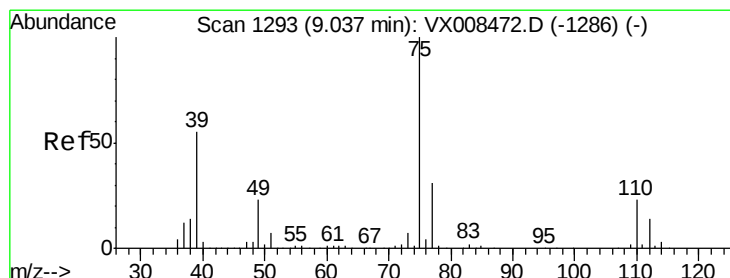
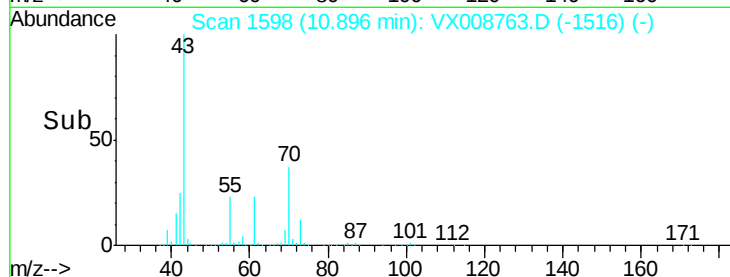
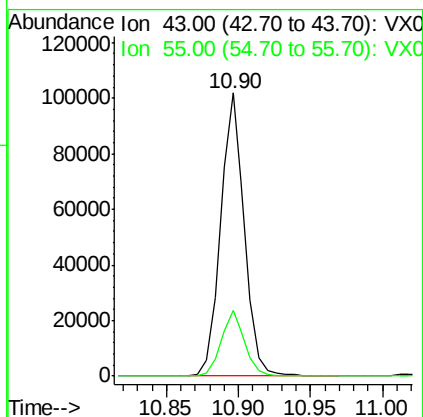
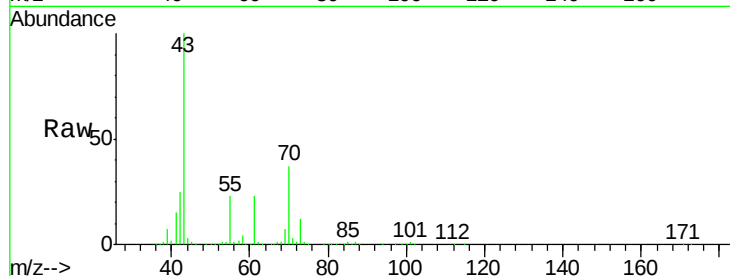
55 23.1 20.8 31.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 20.559 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX008763.D

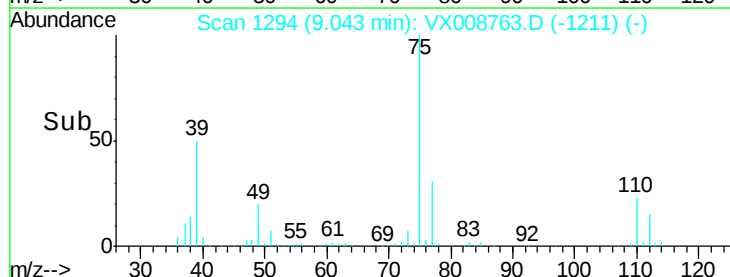
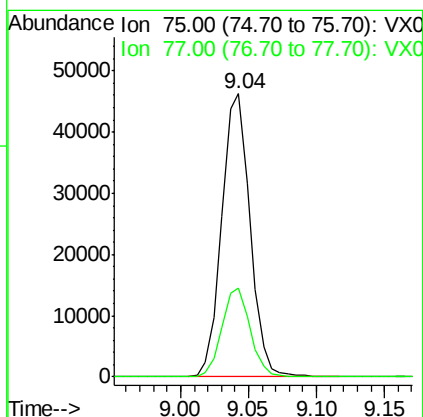
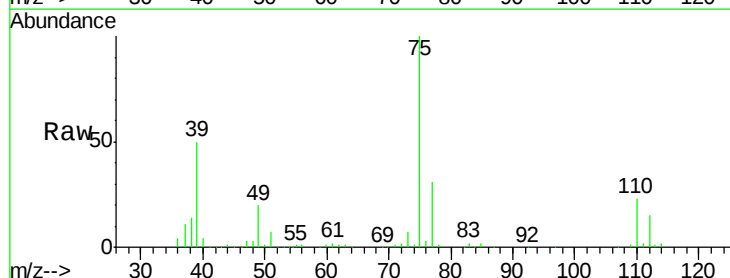
Acq: 09 Apr 2019 11:29

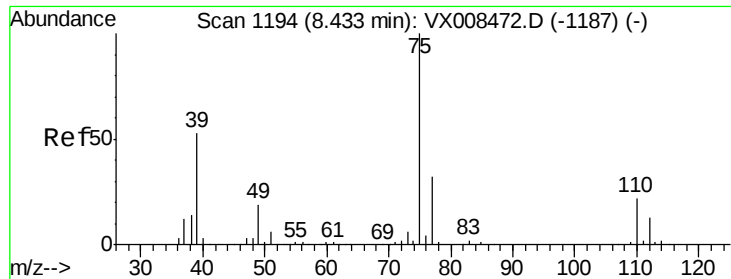
Tgt Ion: 75 Resp: 67102

Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7





#49

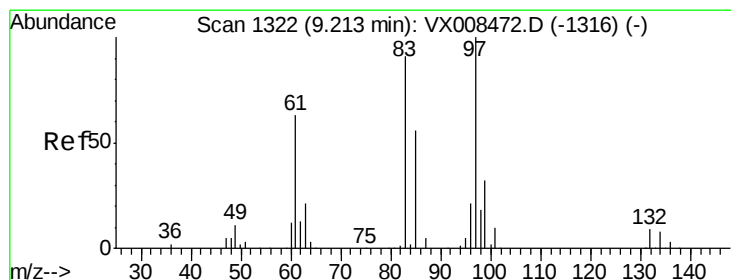
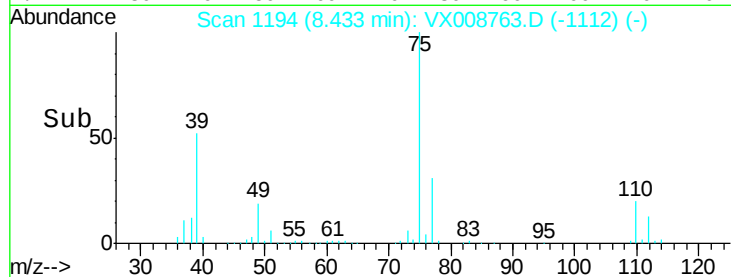
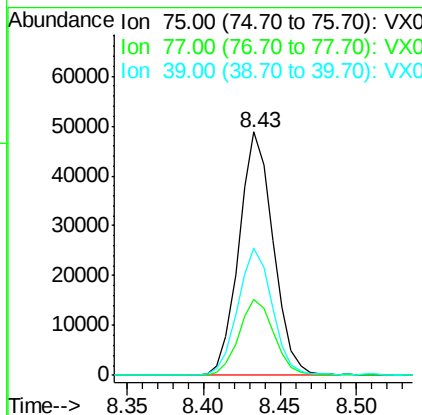
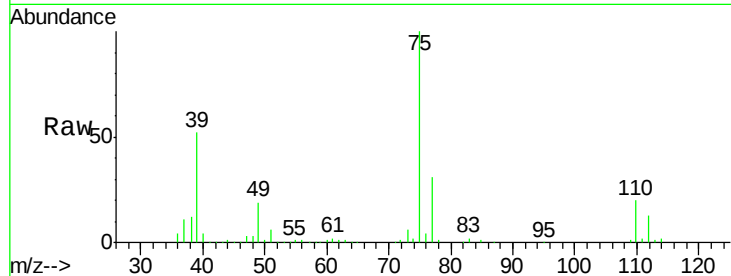
cis-1,3-Dichloropropene
 Concen: 20.865 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4
39	51.9	38.5	57.7

Manual Integrations
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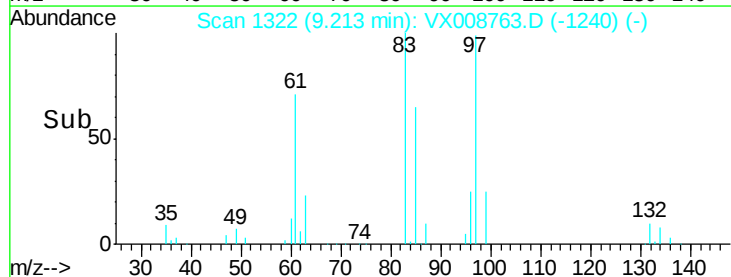
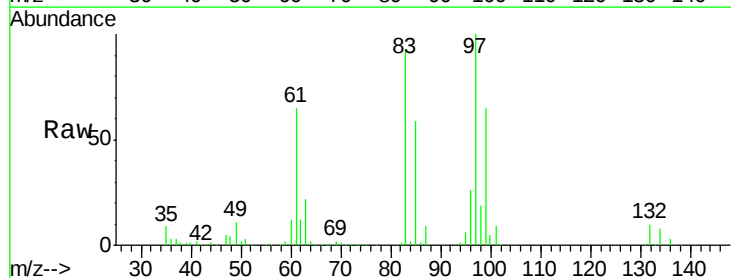
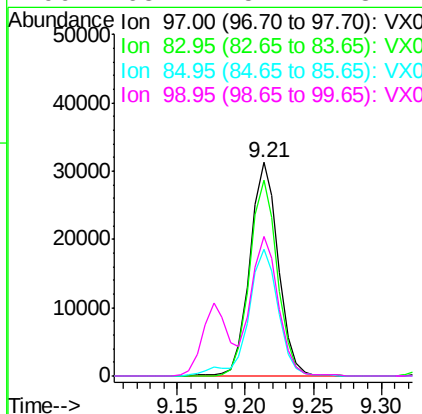
MMDadoda
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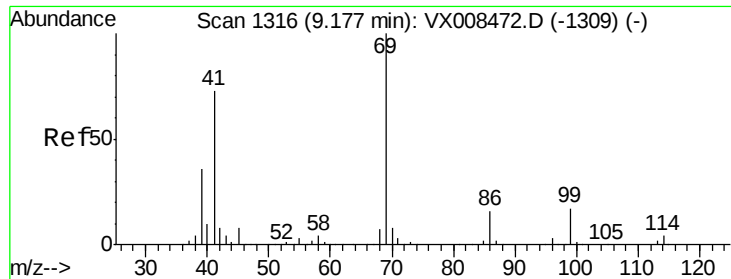


#50

1,1,2-Trichloroethane
 Concen: 21.158 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.7	72.0	108.0
85	59.1	45.0	67.6
99	65.1	54.2	81.4





#51

Ethyl methacrylate

Concen: 20.814 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

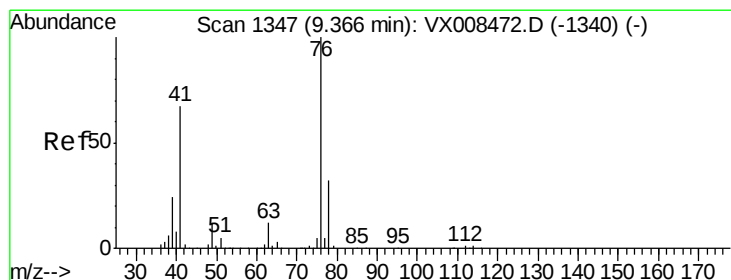
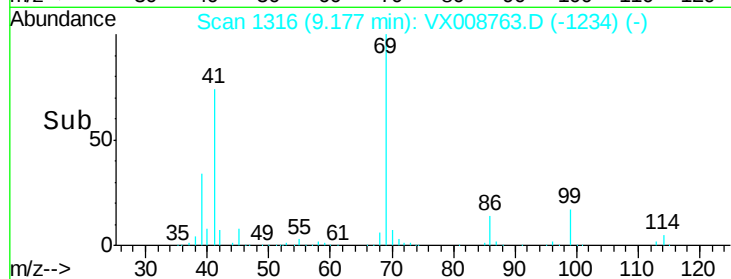
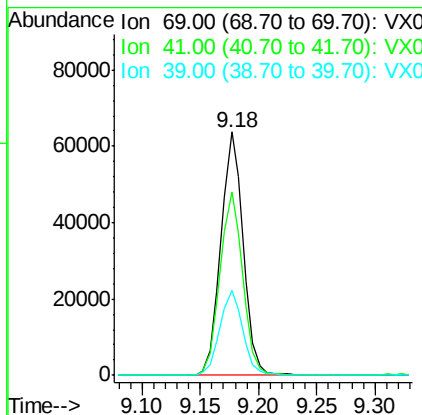
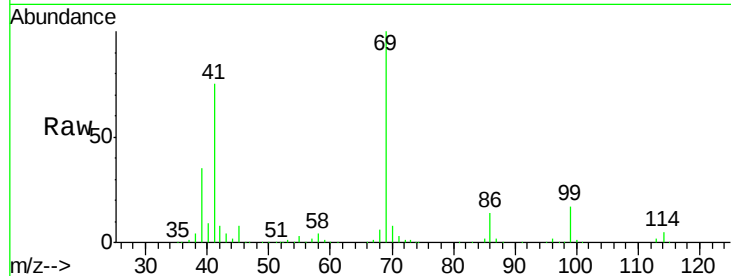
ClientSampleId :

VX0409WBS01

Tot Ion:	69	Resp:	84520
Ion	Ratio	Lower	Upper
69	100		
41	75.3	32.1	96.5
39	34.6	18.8	56.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.143 ug/l

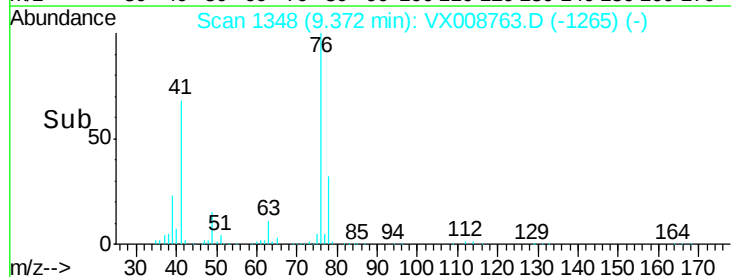
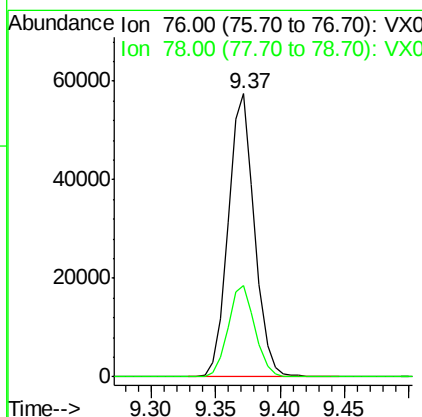
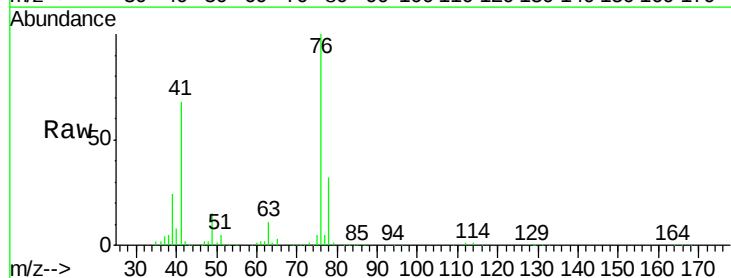
RT: 9.37 min Scan# 1348

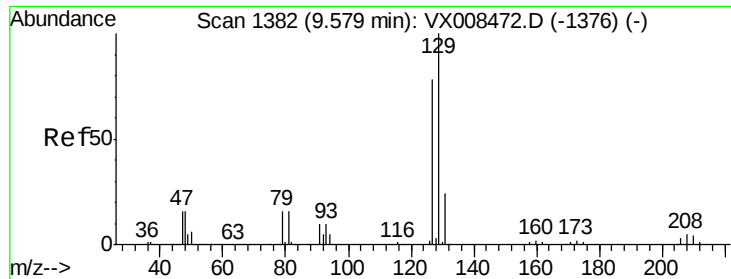
Delta R.T. 0.01 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Tgt Ion:	76	Resp:	82081
Ion	Ratio	Lower	Upper
76	100		
78	32.8	0.0	65.2





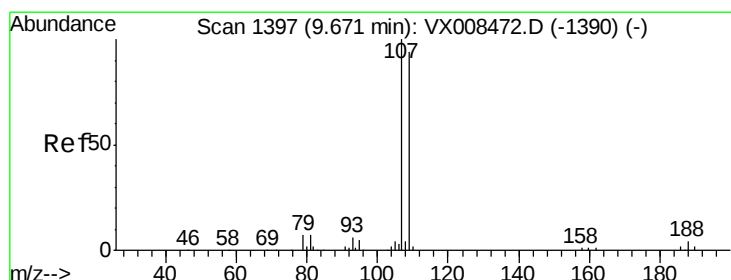
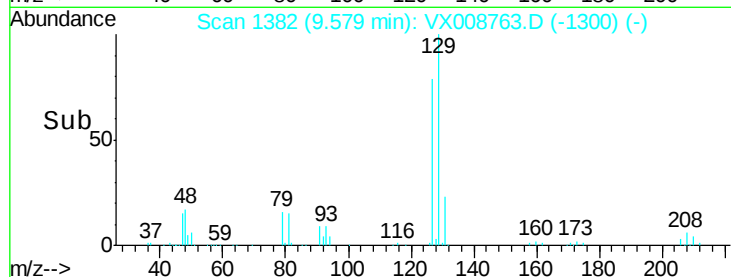
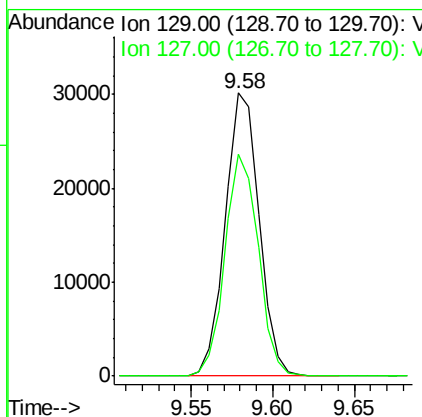
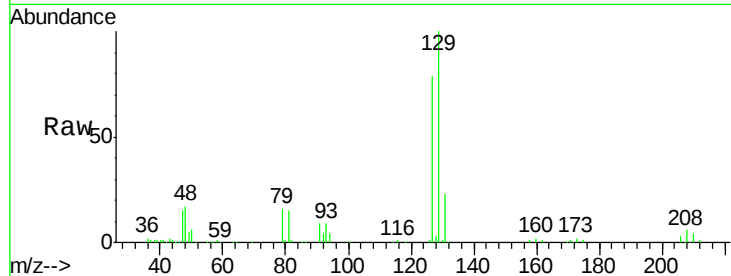
#53
Dibromochloromethane
Concen: 20.342 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion:129 Resp: 43682
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2

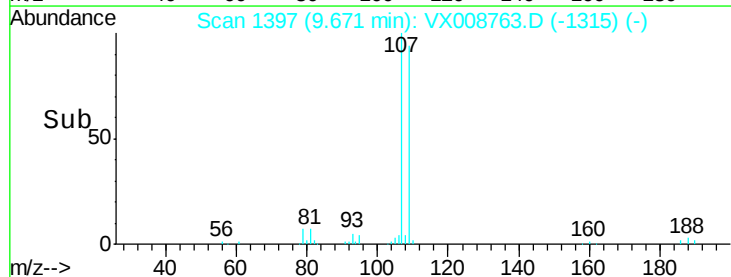
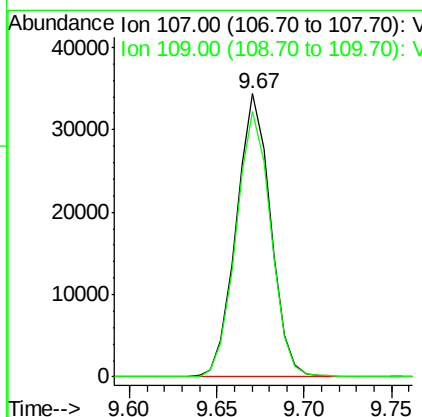
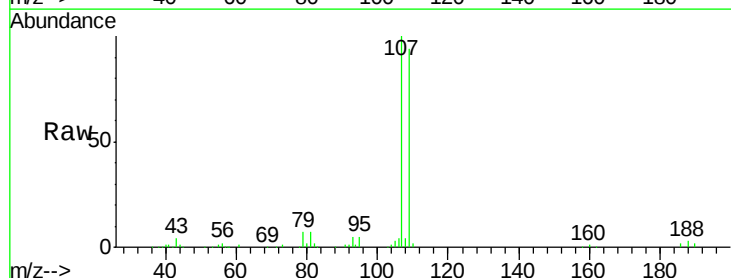
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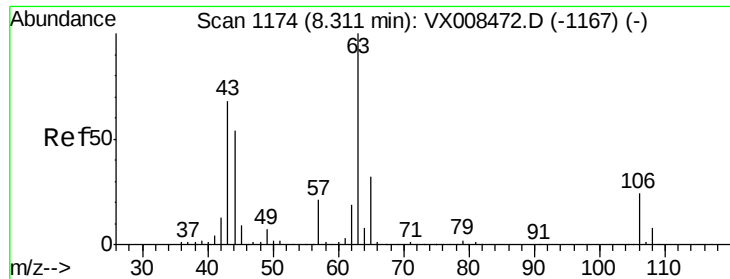
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#54
1,2-Dibromoethane
Concen: 20.965 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion:107 Resp: 47161
Ion Ratio Lower Upper
107 100
109 94.4 76.6 115.0





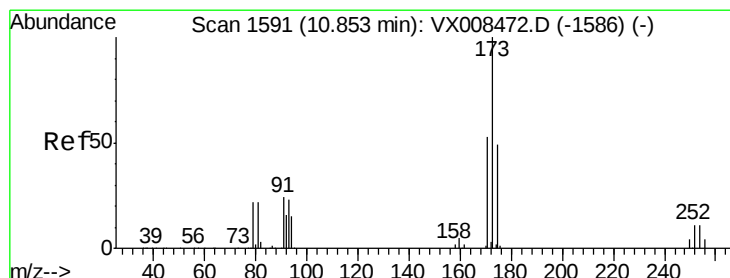
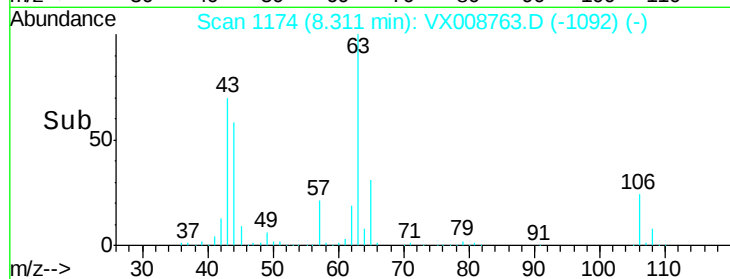
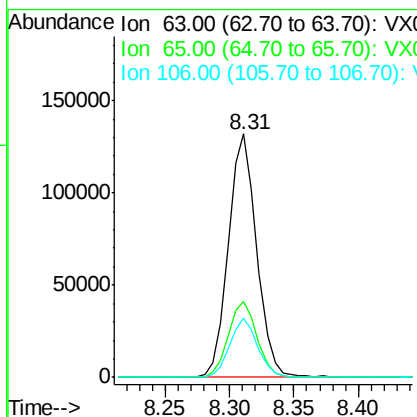
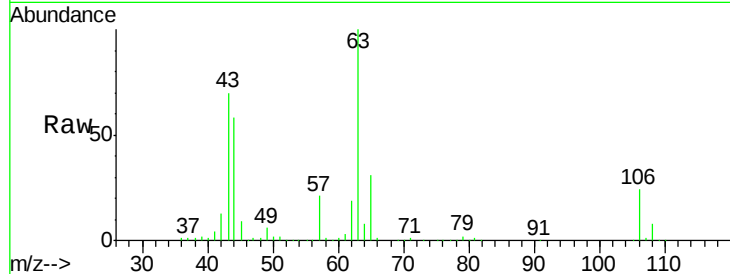
#55
2-Chloroethyl vinyl ether
Concen: 99.046 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.7	38.5
106	24.0	23.7	35.5

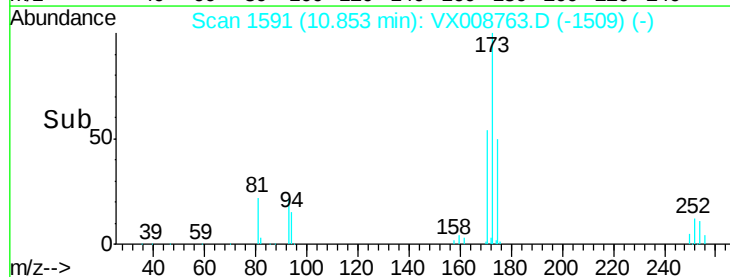
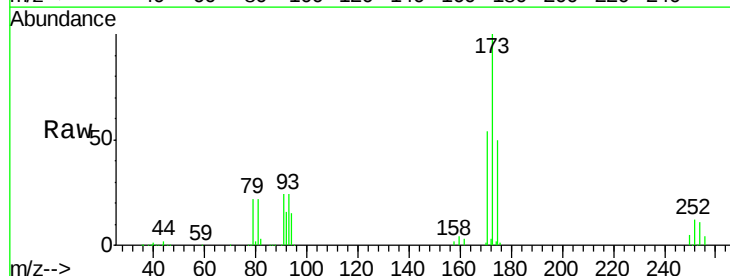
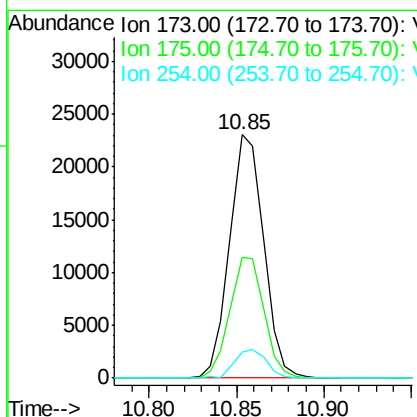
Manual Integrations
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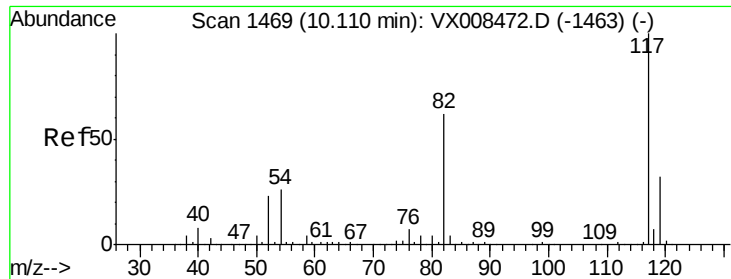
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#56
Bromoform
Concen: 20.085 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.9	38.5	57.7
254	10.8	7.4	11.2





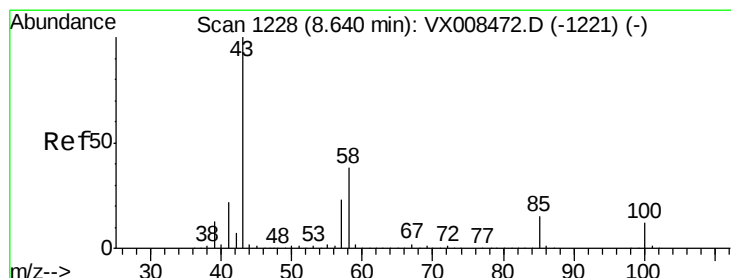
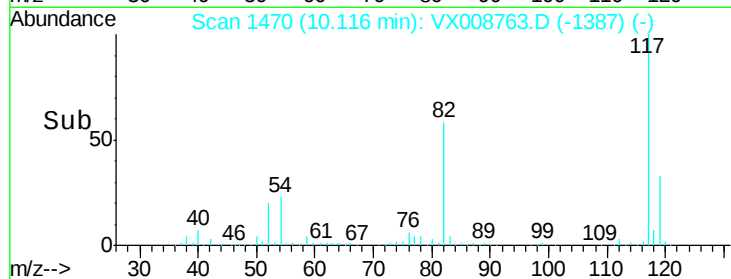
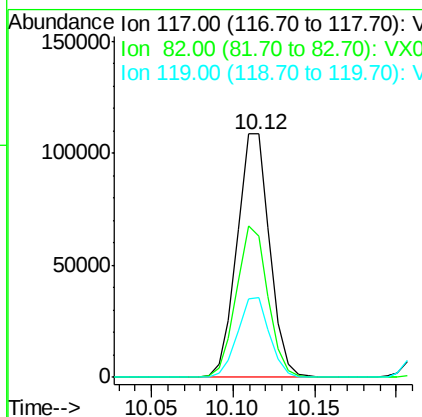
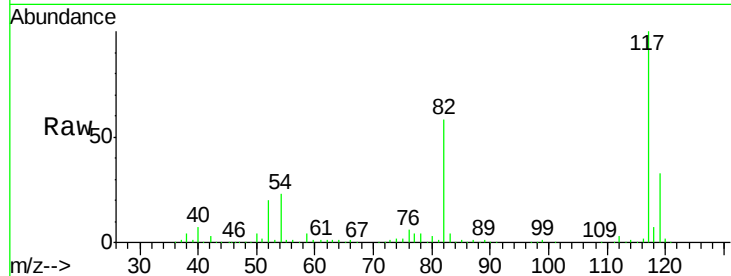
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampled :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.2	40.4	60.6
119	32.1	25.8	38.6

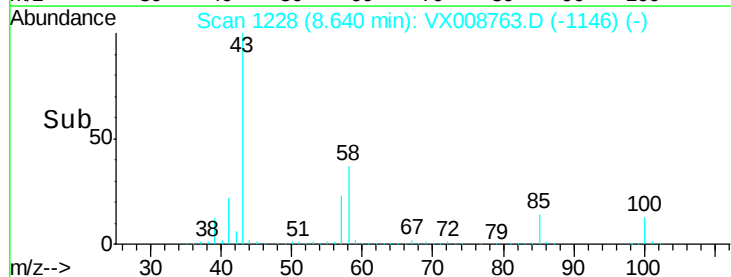
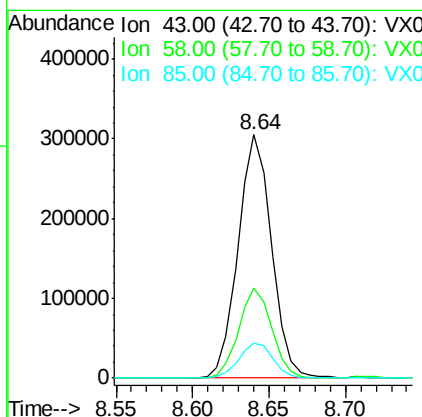
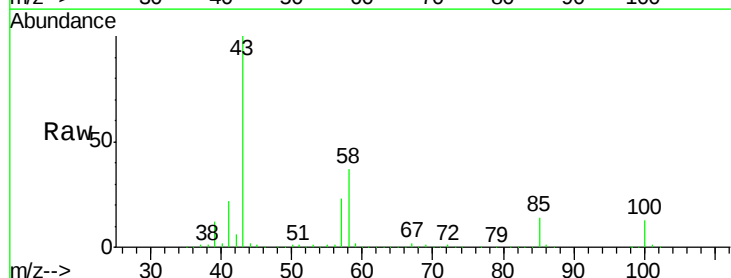
Manual Integrations
APPROVED

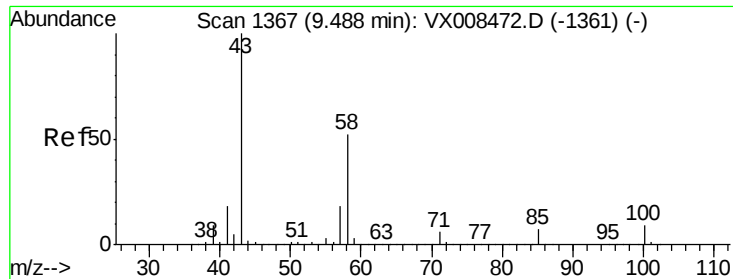
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 115.576 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.8	31.4	47.0
85	14.8	15.0	22.6





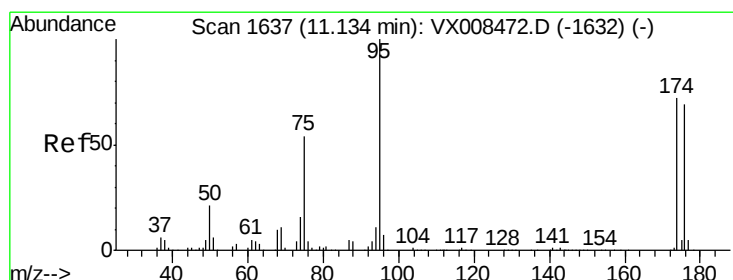
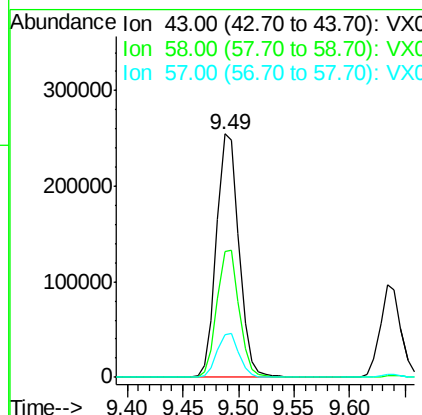
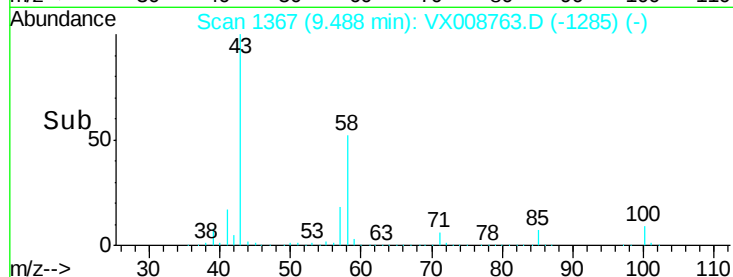
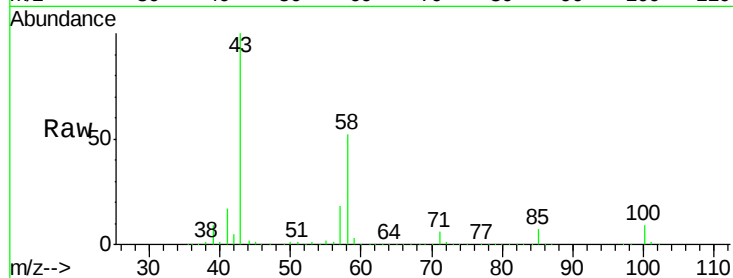
#59
2-Hexanone
Concen: 113.287 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.9	43.9	65.9
57	17.9	14.9	22.3

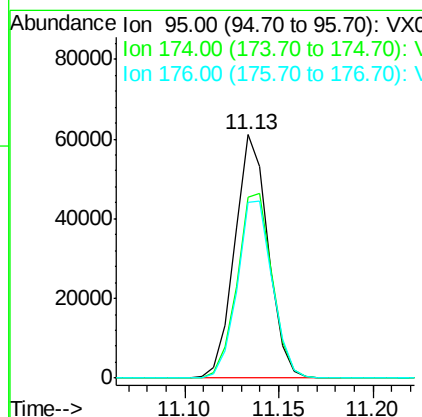
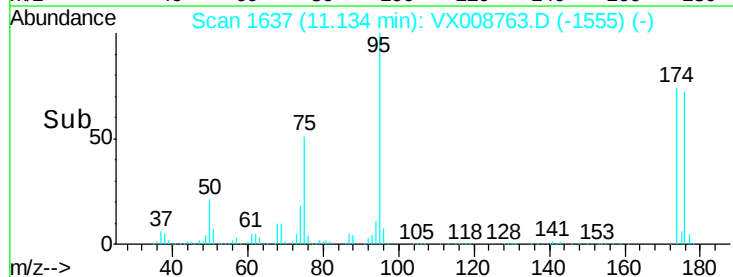
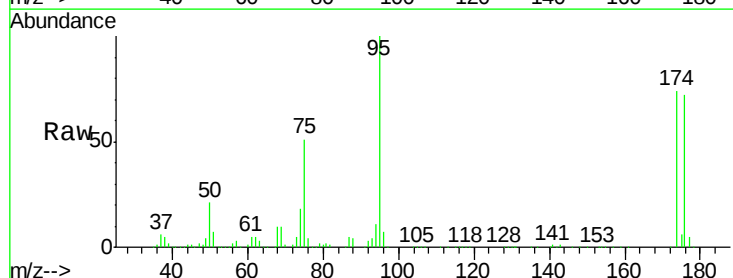
Manual Integrations
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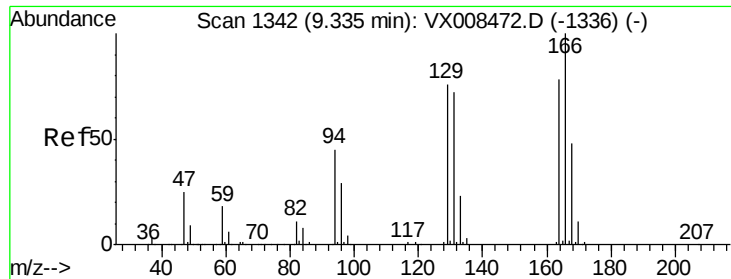
MMDadoda
4/10/2019 4:21:00 PM



#60
4-Bromofluorobenzene
Concen: 28.434 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.5	74.9	112.3
176	76.2	70.7	106.1





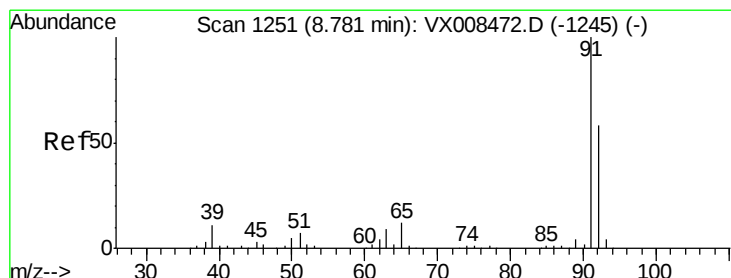
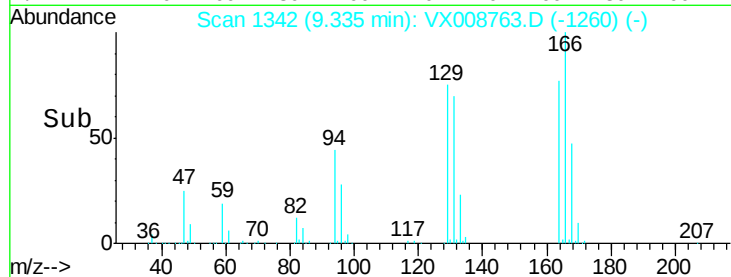
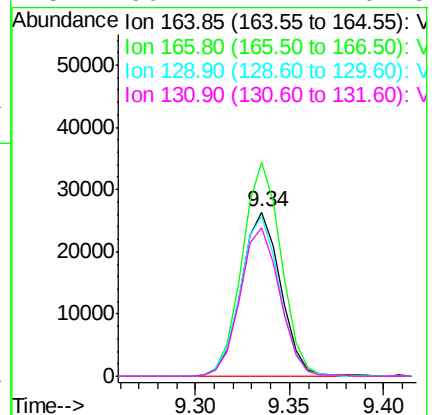
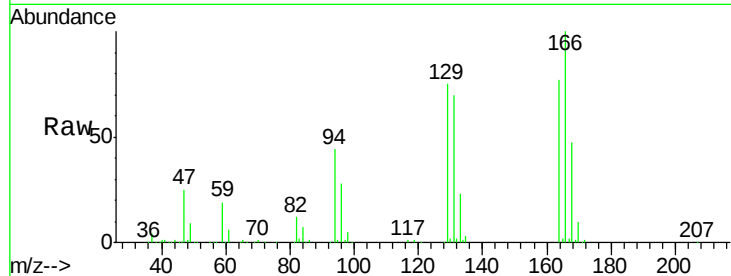
#61
Tetrachloroethene
Concen: 23.021 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.0	103.9	155.9
129	97.2	74.7	112.1
131	90.7	71.7	107.5

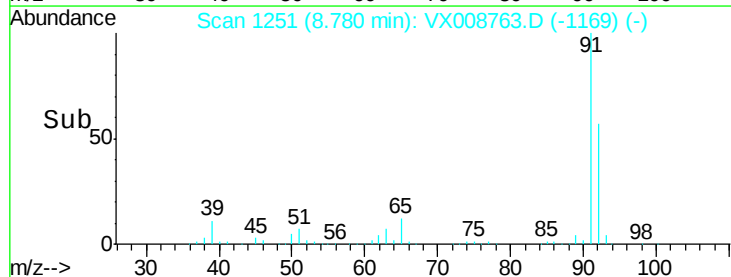
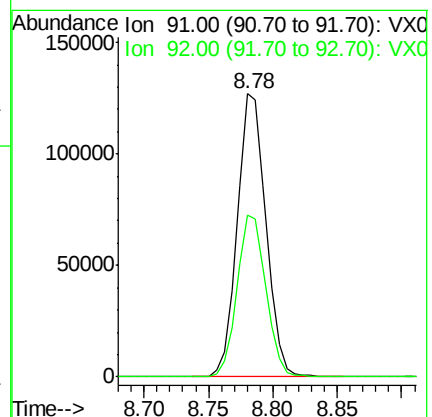
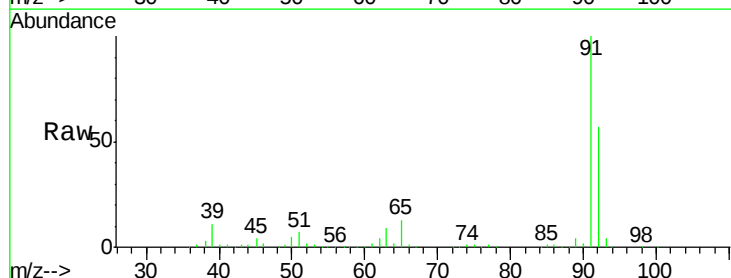
Manual Integrations
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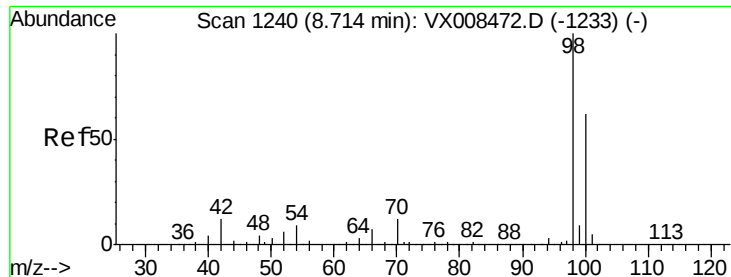
MMDadoda
4/10/2019 4:21:00 PM



#62
Toluene
Concen: 21.442 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.2	46.4	69.6





#63

Toluene-d8

Concen: 30.405 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 98 Resp: 219085

Ion Ratio Lower Upper

98 100

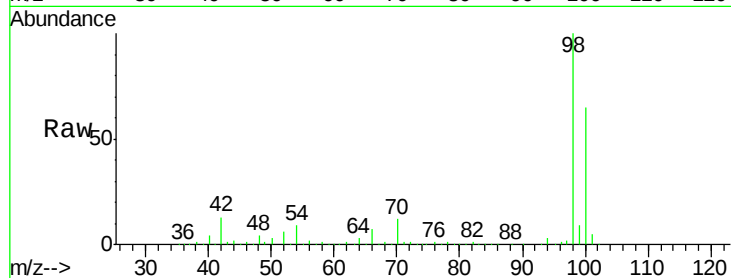
100 63.7 50.9 76.3

Manual Integrations

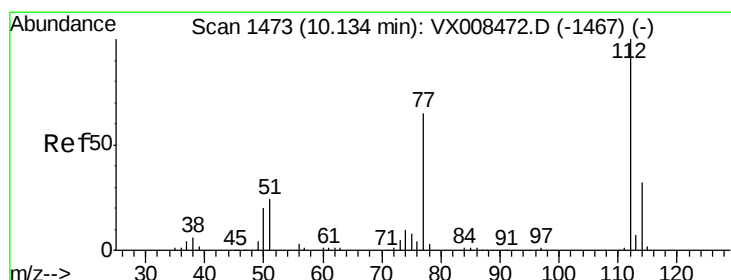
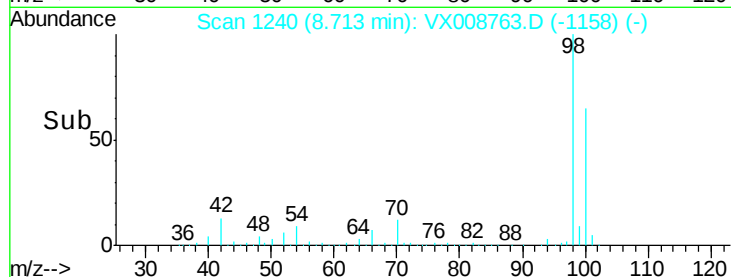
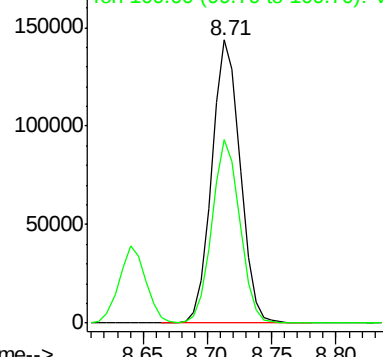
APPROVED

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4/10/2019 4:21:00 PM



Abundance Ion 98.00 (97.70 to 98.70): VX008472.D (-1233) (-)



#64

Chlorobenzene

Concen: 20.970 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX008763.D

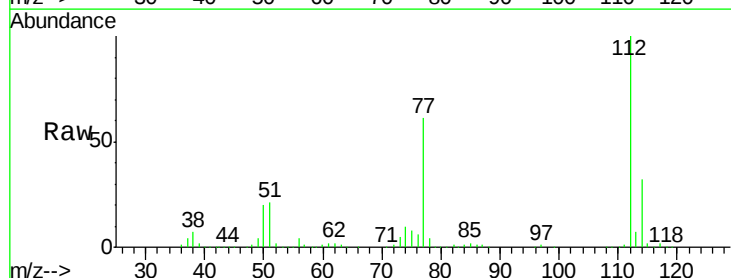
Acq: 09 Apr 2019 11:29

Tgt Ion: 112 Resp: 112933

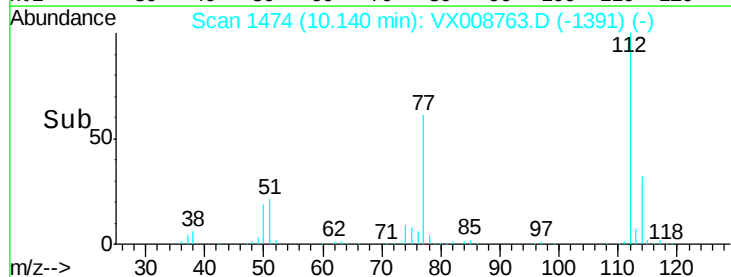
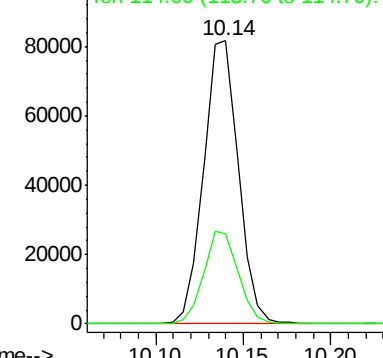
Ion Ratio Lower Upper

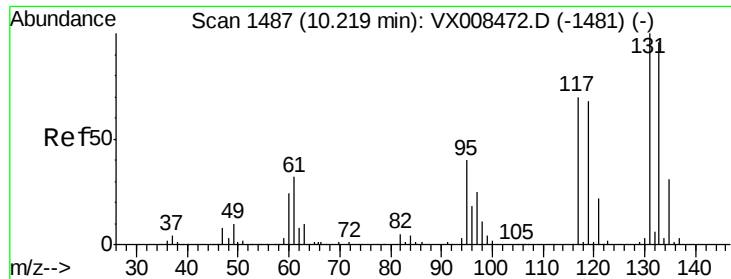
112 100

114 32.0 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): VX008472.D (-1467) (-)





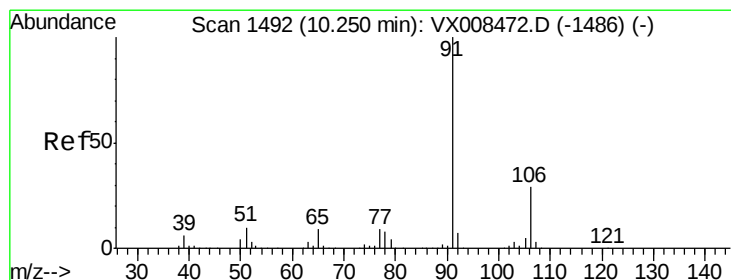
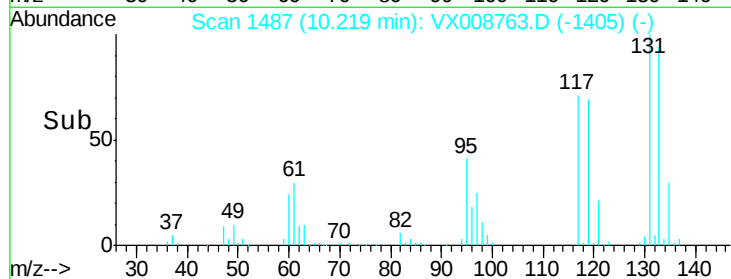
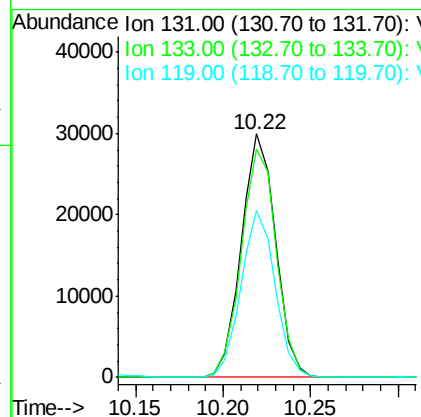
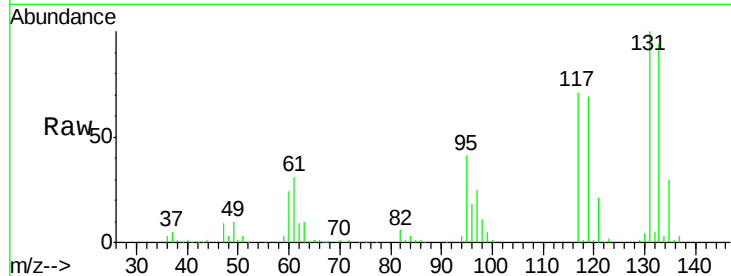
#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.465 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	40755		
133	95.9	0.0	191.6	
119	68.5	0.0	127.4	

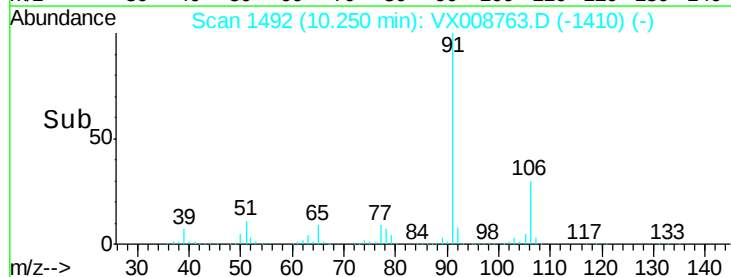
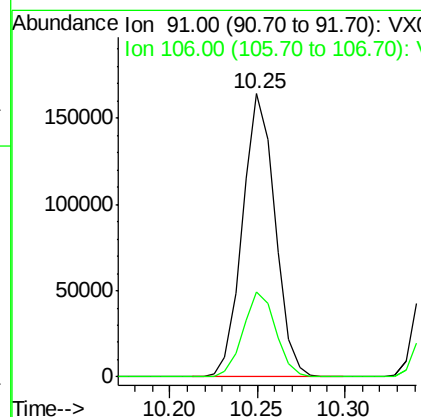
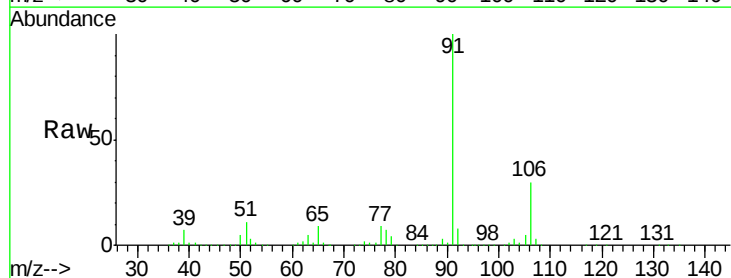
Manual Integrations
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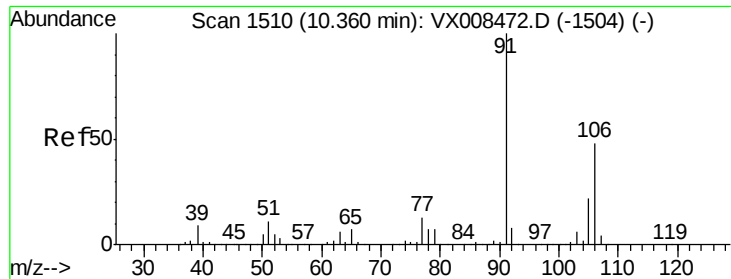
MMDadoda
 4/10/2019 4:21:00 PM



#66
 Ethyl Benzene
 Concen: 20.799 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	212183		
106	30.1	26.0	39.0	





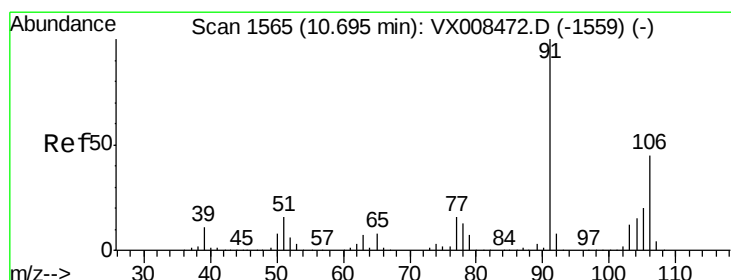
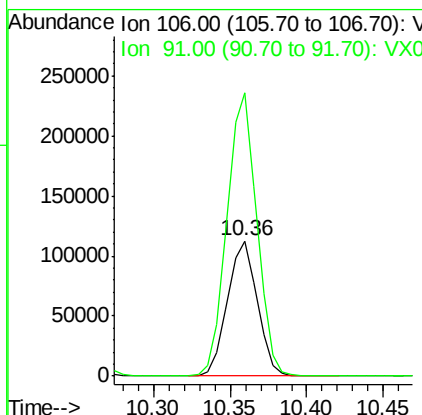
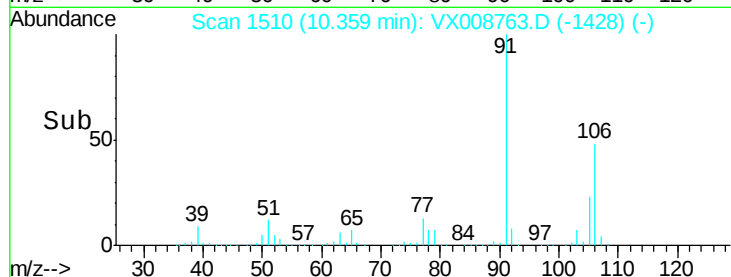
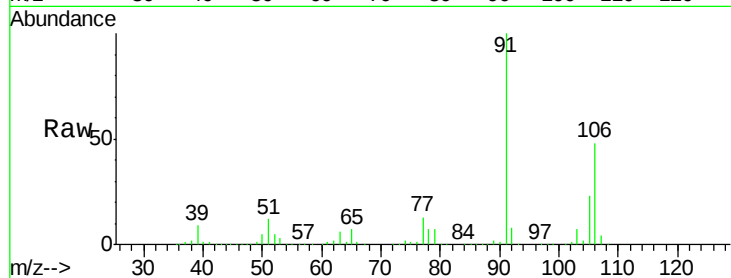
#67
m/p-Xvlenes
Concen: 40.800 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion:106 Resp: 151812
Ion Ratio Lower Upper
106 100
91 209.8 157.0 235.4

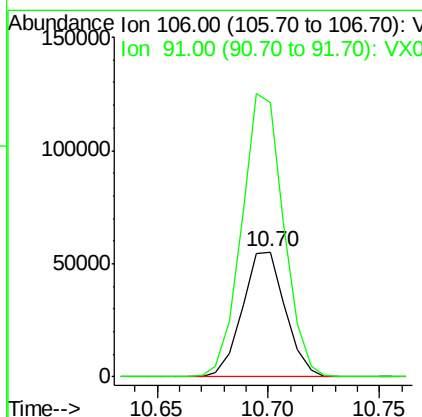
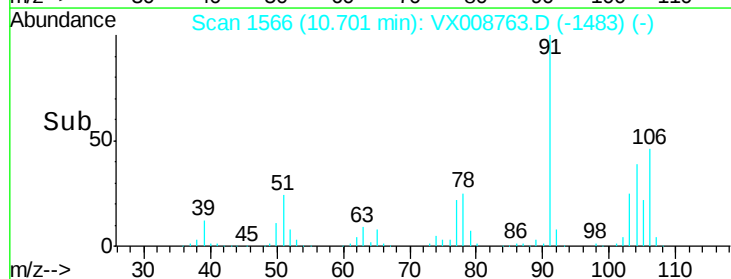
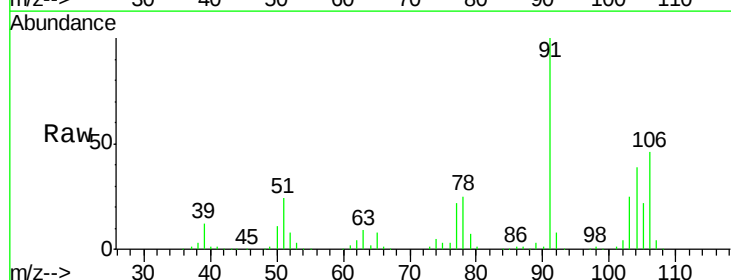
Manual Integrations
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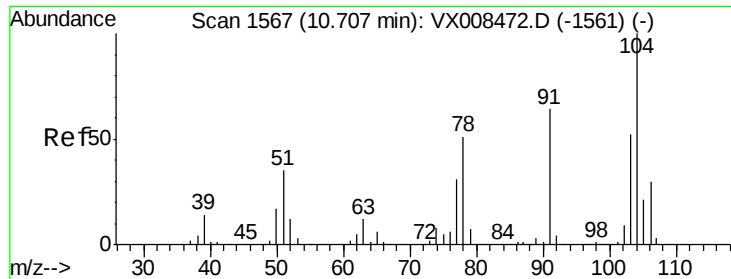
MMDadoda
4/10/2019 4:21:00 PM



#68
o-Xylene
Concen: 20.426 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion:106 Resp: 74375
Ion Ratio Lower Upper
106 100
91 220.5 104.4 313.2





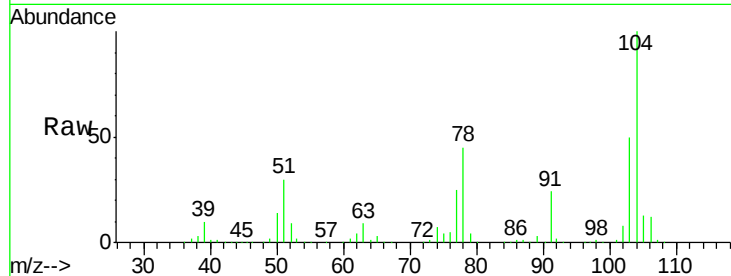
#69
Stvrene
Concen: 20.258 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

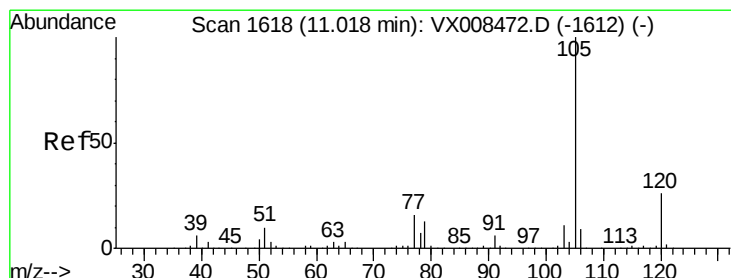
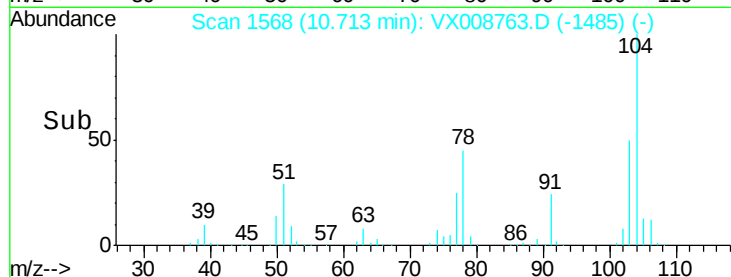
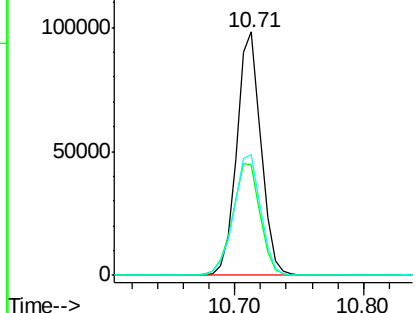
Tot Ion	Ratio	Lower	Upper
104	100		
78	52.5	38.2	57.2
103	55.4	45.0	67.4

Manual Integrations
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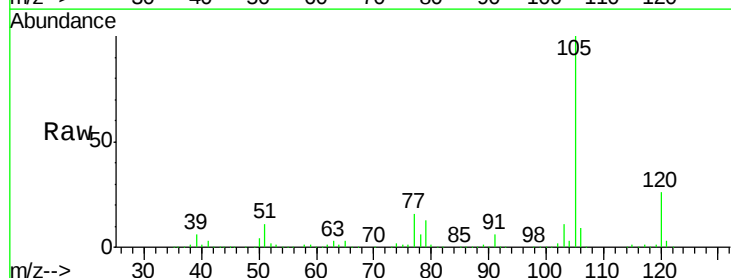


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX
Ion 103.00 (102.70 to 103.70): V

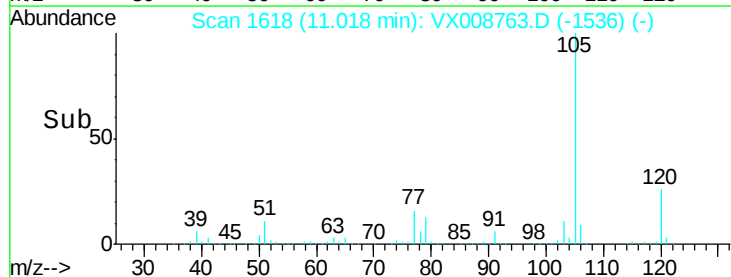
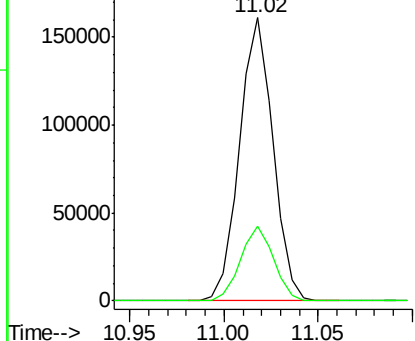


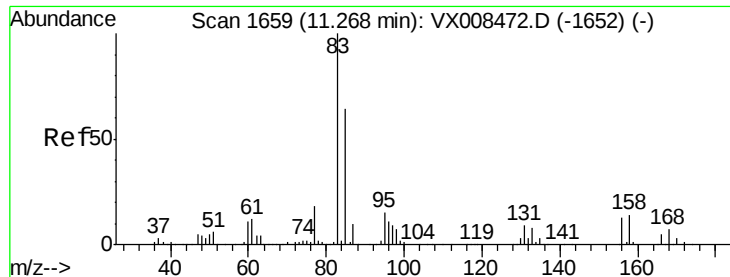
#70
Isopropylbenzene
Concen: 20.680 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	19.8	36.8



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





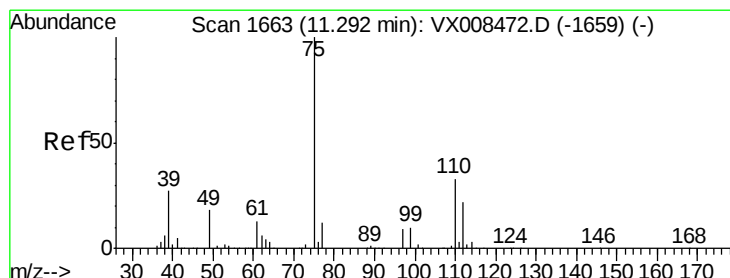
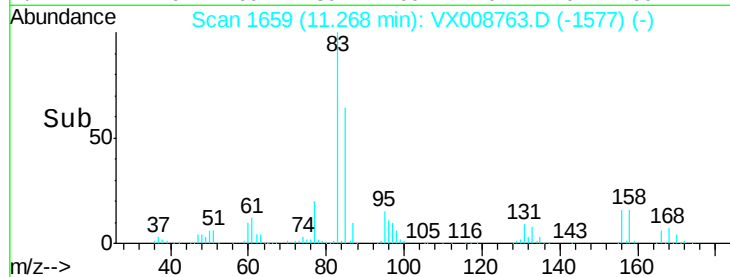
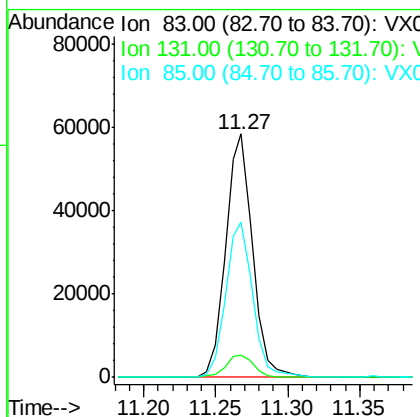
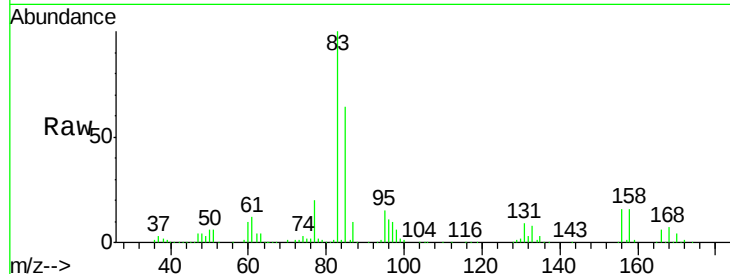
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.326 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	83	Resp	76519
Ion Ratio	100	Lower	Upper
83	100		
131	9.5	5.4	16.2
85	64.3	32.8	98.4

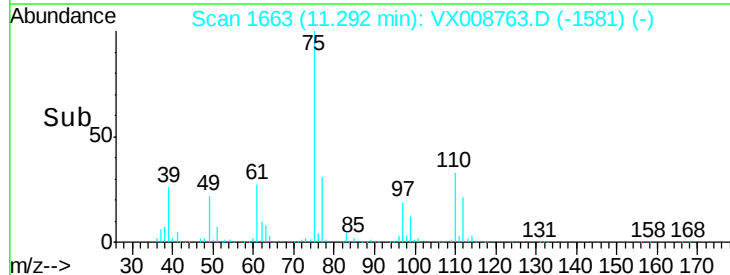
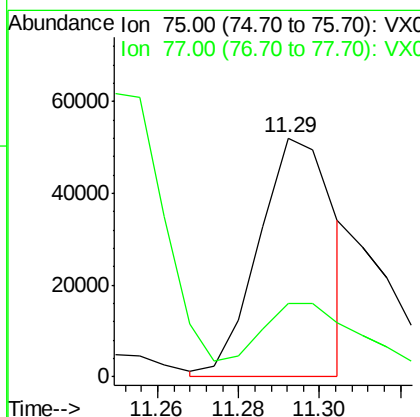
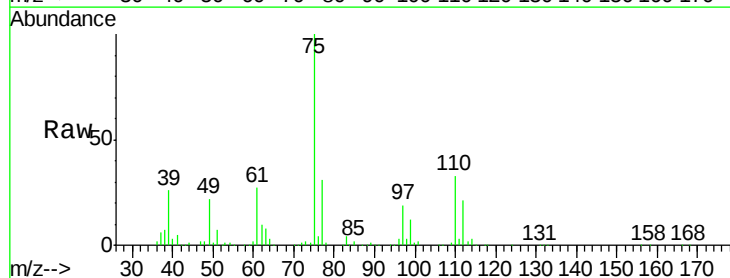
Manual Integrations
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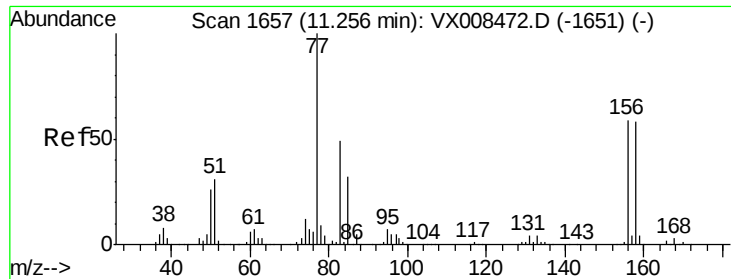
MMDadoda
 4/10/2019 4:21:00 PM



#72
 1,2,3-Trichloropropane
 Concen: 22.048 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion	75	Resp	66870
Ion Ratio	100	Lower	Upper
75	100		
77	43.4	0.0	76.4





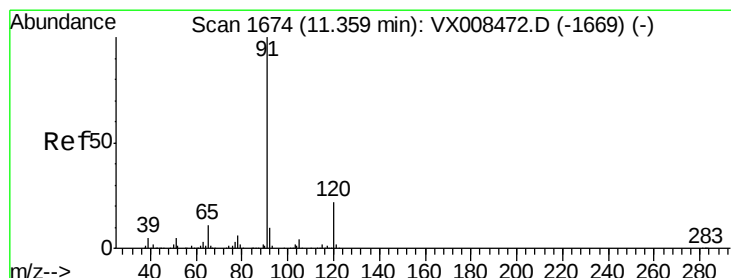
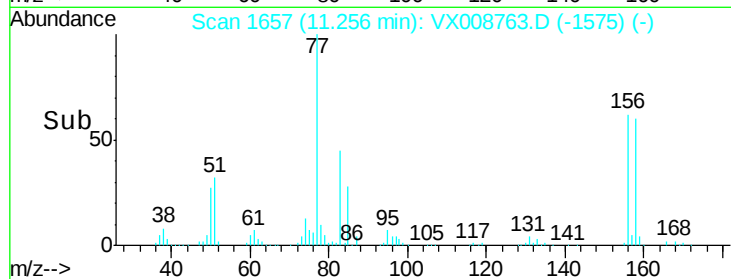
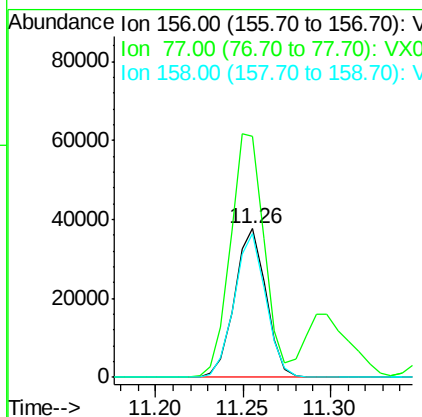
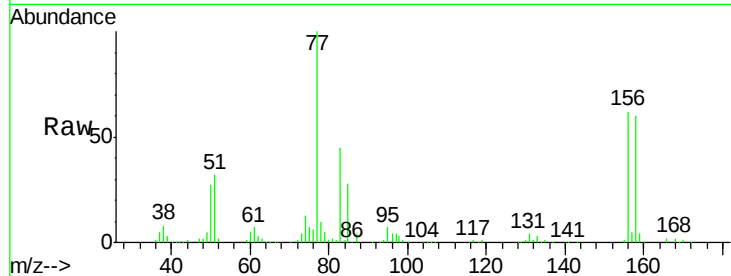
#73
Bromobenzene
Concen: 20.700 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	174.7	0.0	271.4	
158	97.1	0.0	194.0	

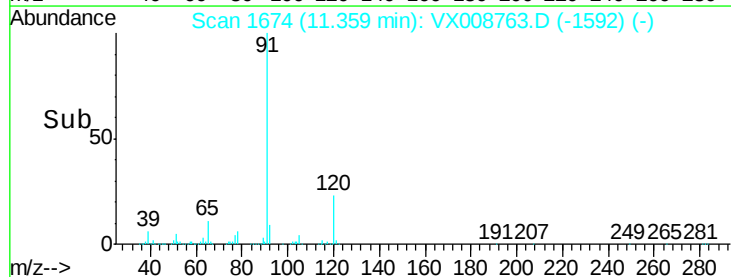
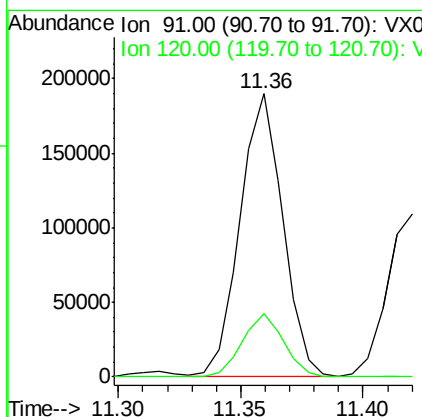
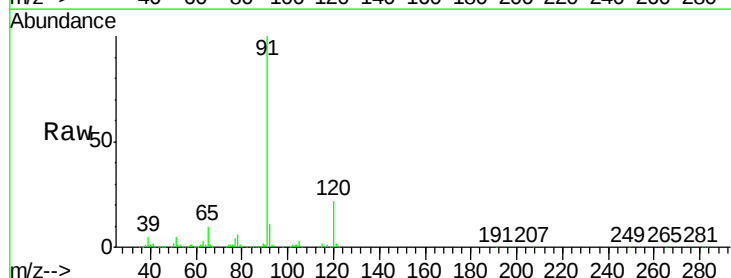
Manual Integrations
APPROVED

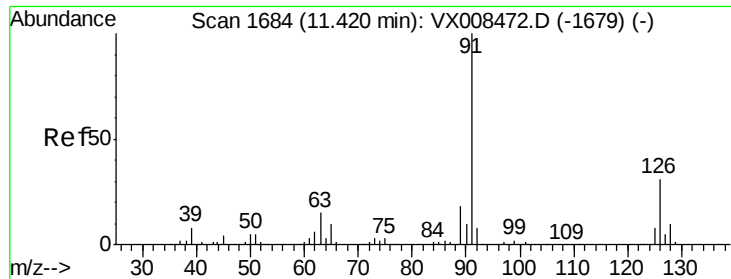
MMDadoda
4/10/2019 4:21:00 PM



#74
n-propylbenzene
Concen: 20.133 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.8	0.0	48.6	





#75

2-Chlorotoluene

Concen: 20.152 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 91 Resp: 137186

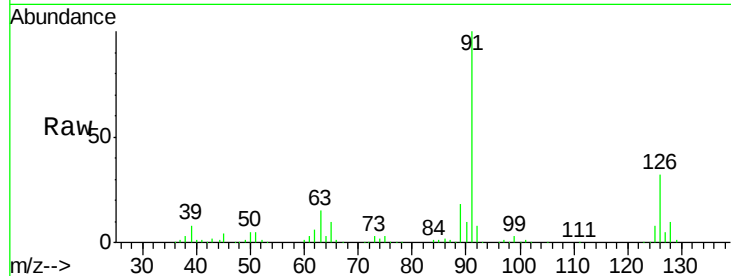
Ion Ratio Lower Upper

91 100

126 31.5 0.0 75.2

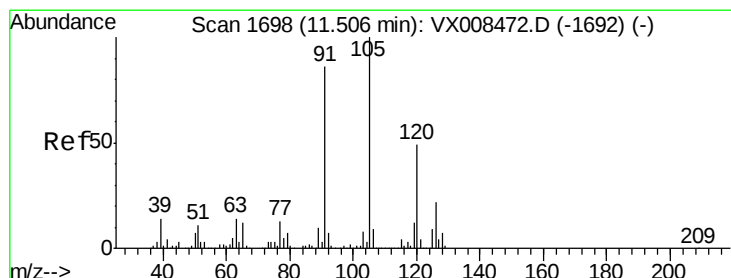
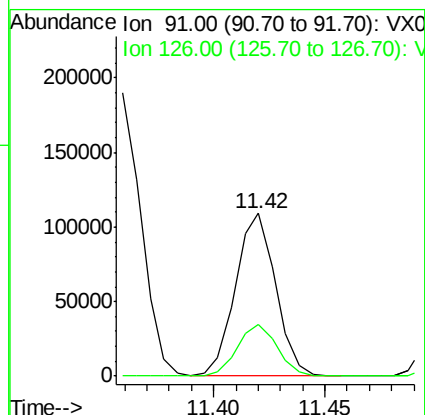
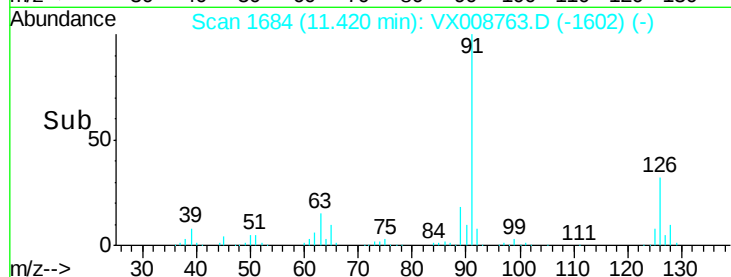
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX008472.D (-1679) (-)

Ion 126.00 (125.70 to 126.70): VX008472.D (-1679) (-)



#76

1,3,5-Trimethylbenzene

Concen: 20.309 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008763.D

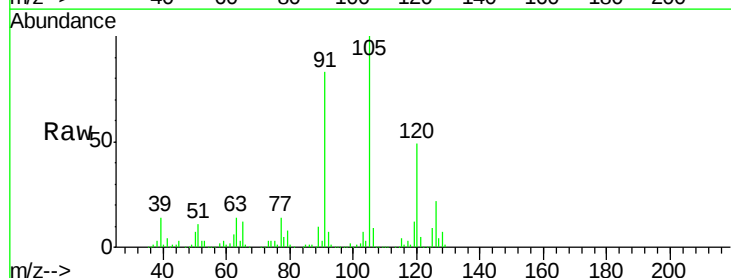
Acq: 09 Apr 2019 11:29

Tgt Ion: 105 Resp: 166772

Ion Ratio Lower Upper

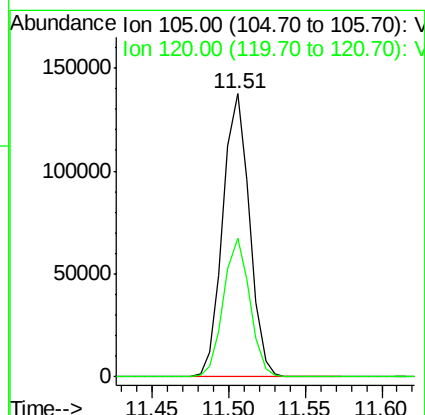
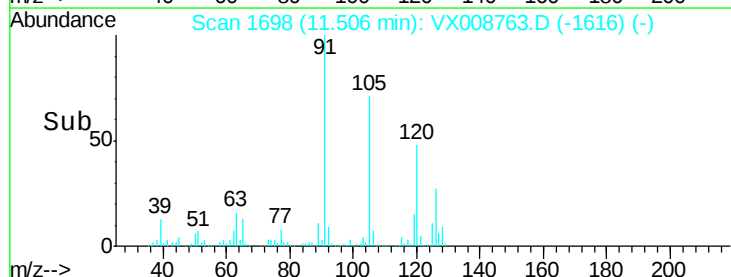
105 100

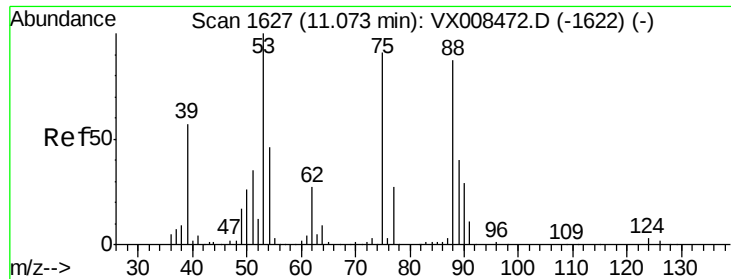
120 47.9 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): VX008472.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX008472.D (-1692) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 20.803 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

ClientSampleId :

VX0409WBS01

Tot Ion: 75 Resp: 24202

Ion Ratio Lower Upper

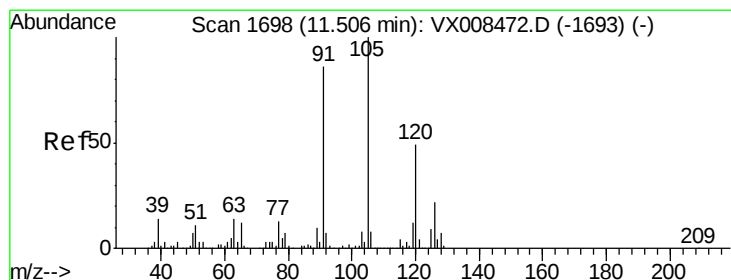
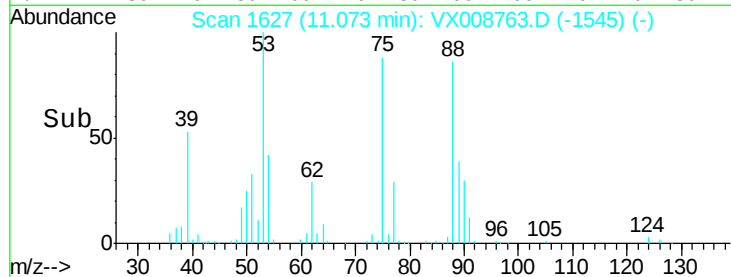
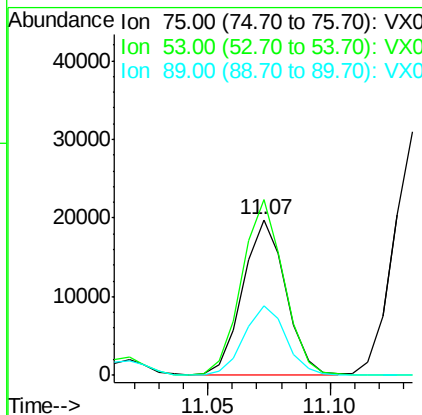
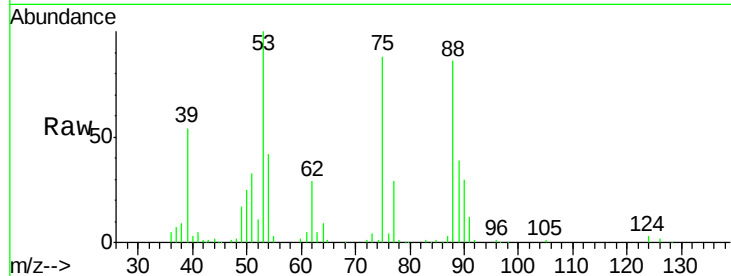
75 100

53 113.2 55.5 166.7

89 44.3 24.4 73.2

Manual Integrations
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#78

4-Chlorotoluene

Concen: 19.780 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX008763.D

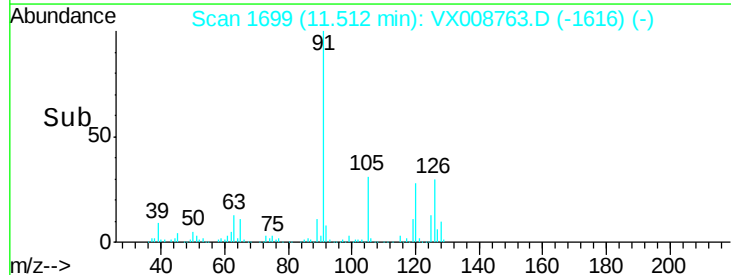
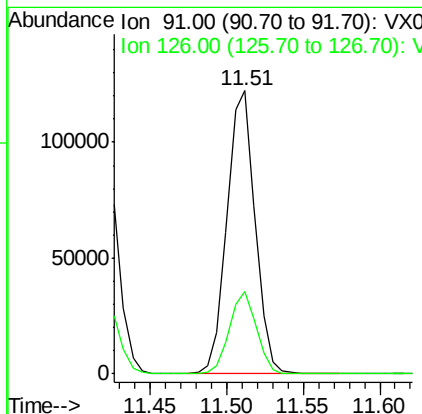
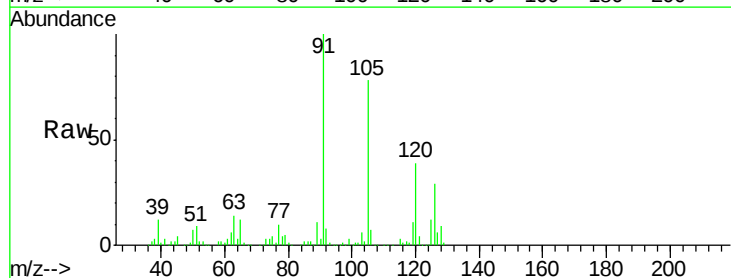
Acq: 09 Apr 2019 11:29

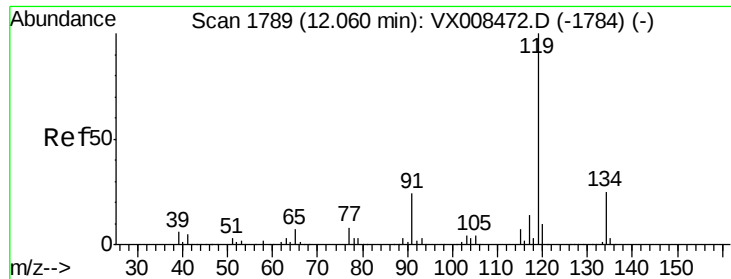
Tgt Ion: 91 Resp: 154969

Ion Ratio Lower Upper

91 100

126 28.1 0.0 66.2





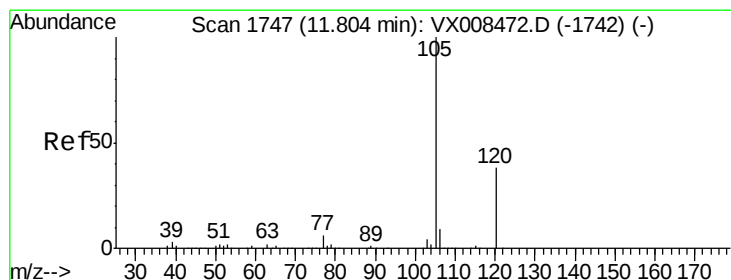
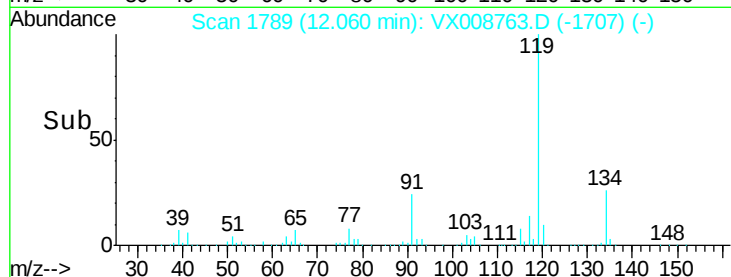
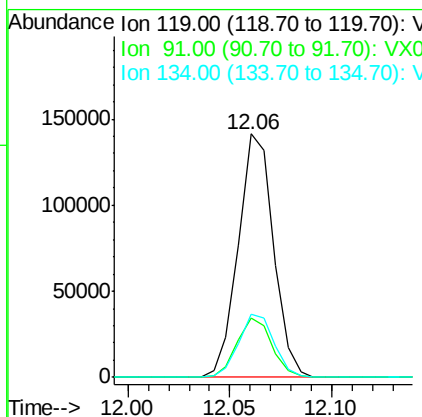
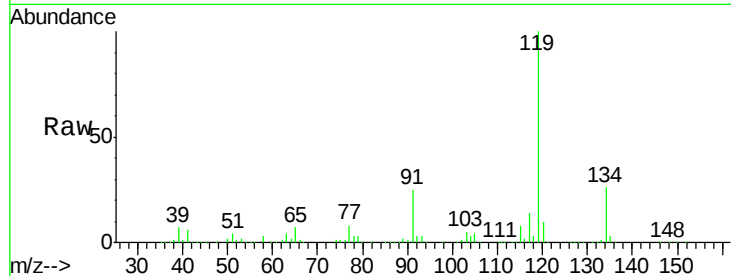
#79
tert-butylbenzene
Concen: 20.217 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	169656		
91	24.3	0.0	45.0	
134	25.9	0.0	55.4	

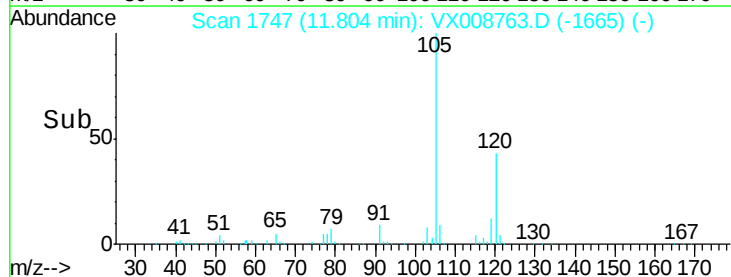
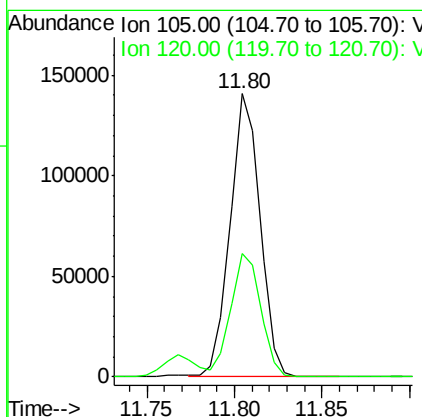
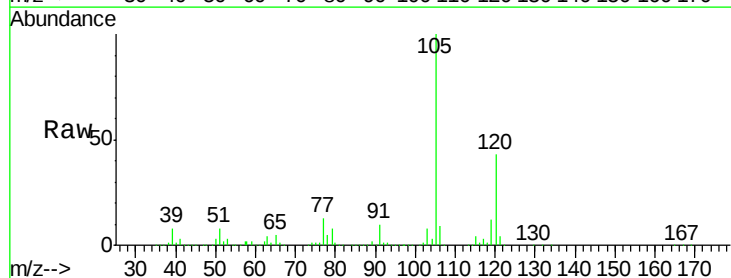
Manual Integrations
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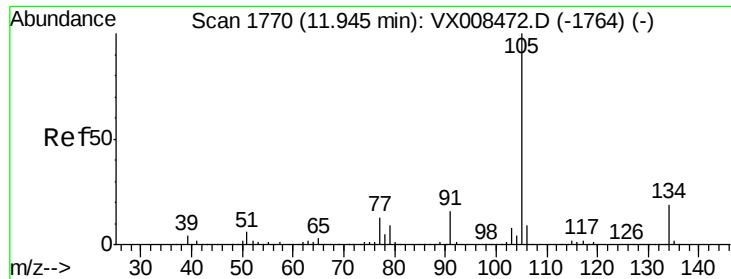
MMDadoda
4/10/2019 4:21:00 PM



#80
1,2,4-Trimethylbenzene
Concen: 20.511 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167935		
120	43.7	0.0	94.0	





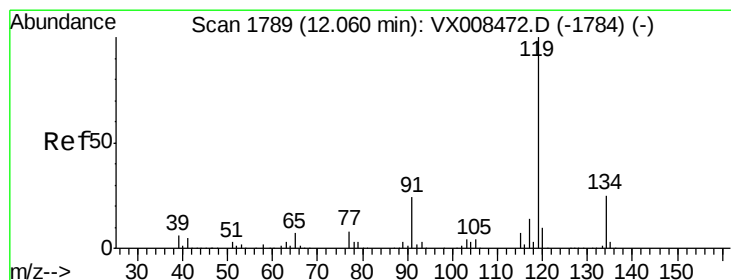
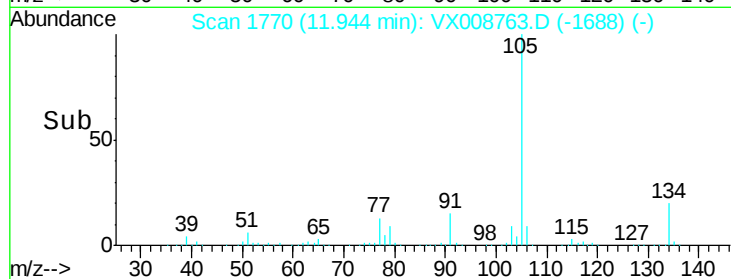
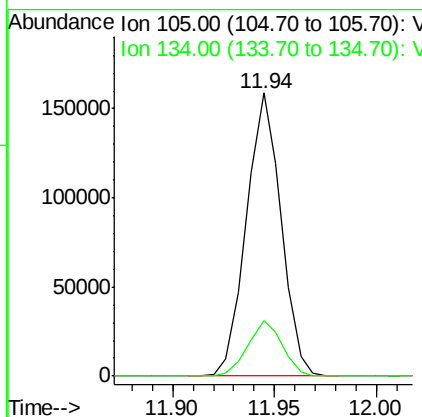
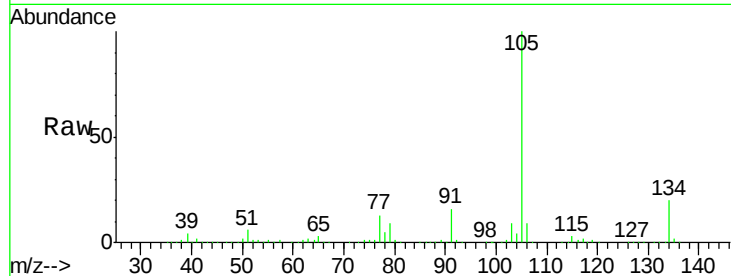
#81
 sec-Butylbenzene
 Concen: 20.050 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	188114		
134	19.6	0.0	41.8	

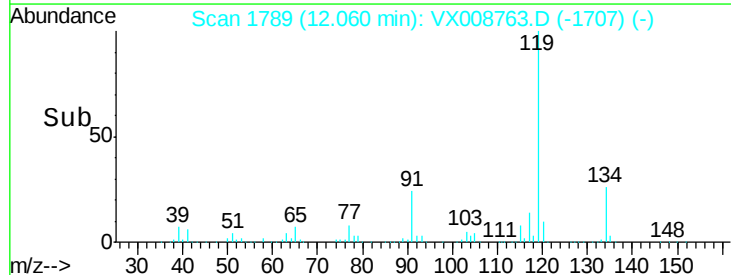
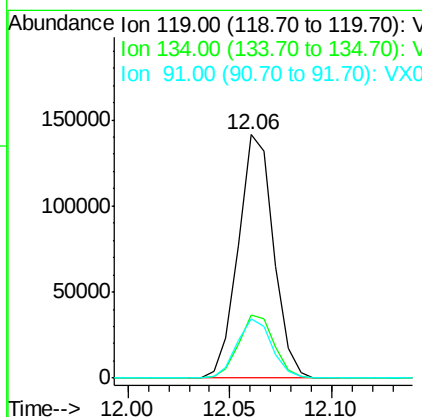
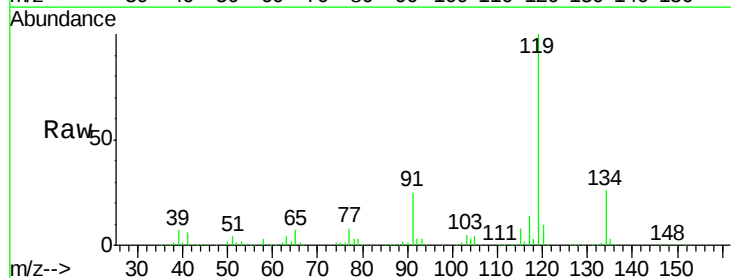
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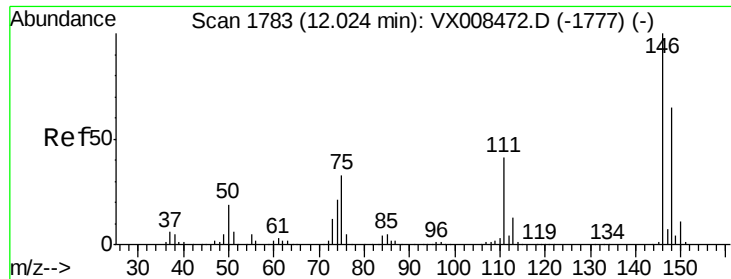
MMDadoda
 4/10/2019 4:21:00 PM



#82
 p-Isopropyltoluene
 Concen: 20.217 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	169656		
134	25.9	0.0	55.4	
91	24.3	0.0	45.0	





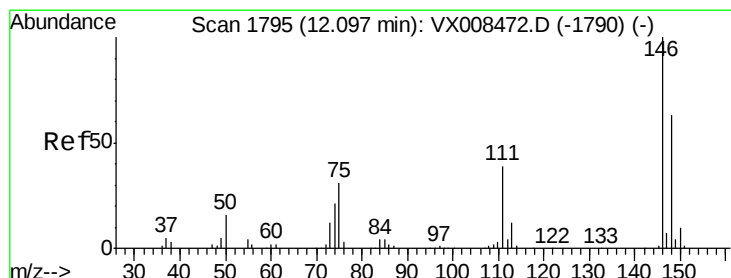
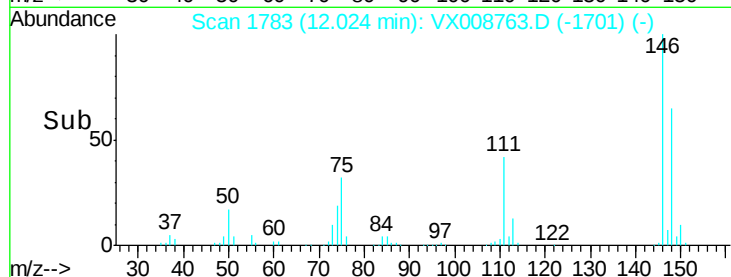
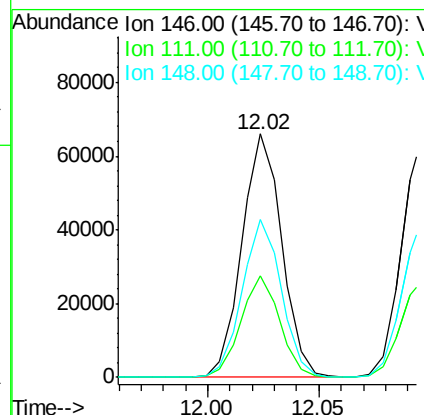
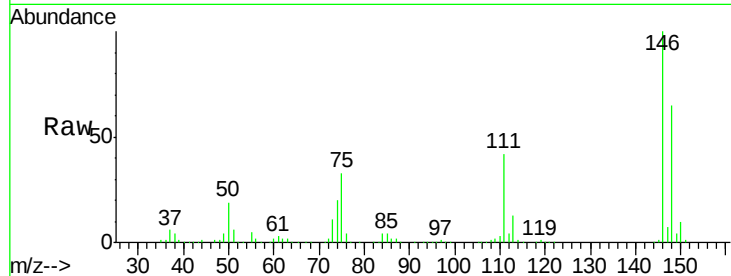
#83
 1,3-Dichlorobenzene
 Concen: 20.324 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	18.8	56.3
148	63.9	30.6	91.8

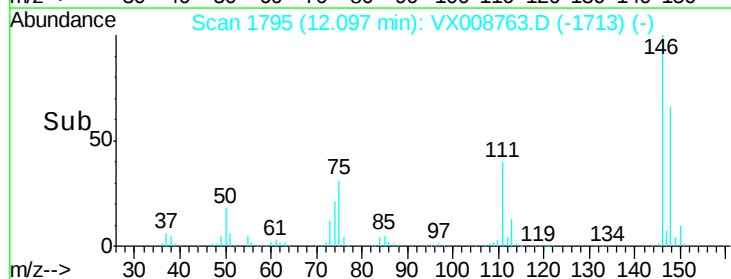
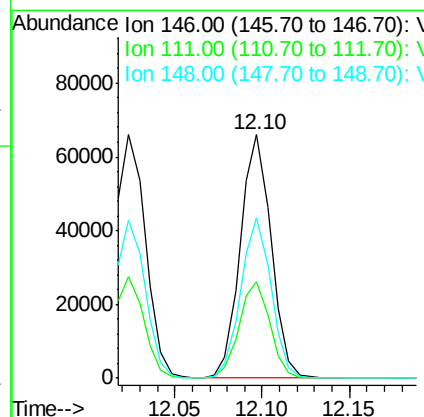
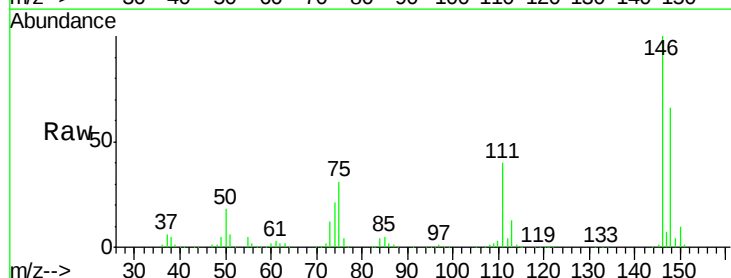
Manual Integrations
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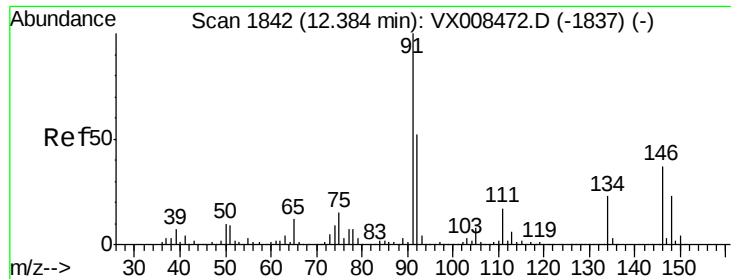
MMDadoda
 4/10/2019 4:21:00 PM



#84
 1,4-Dichlorobenzene
 Concen: 19.937 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	17.6	52.8
148	64.9	31.4	94.2





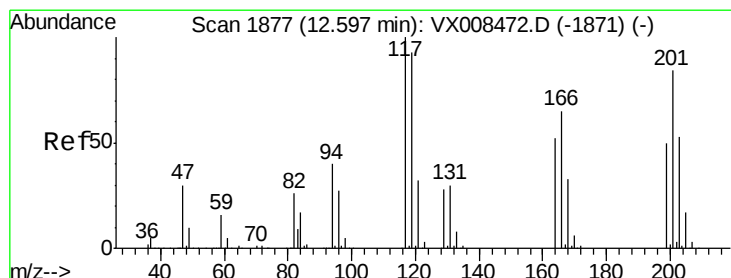
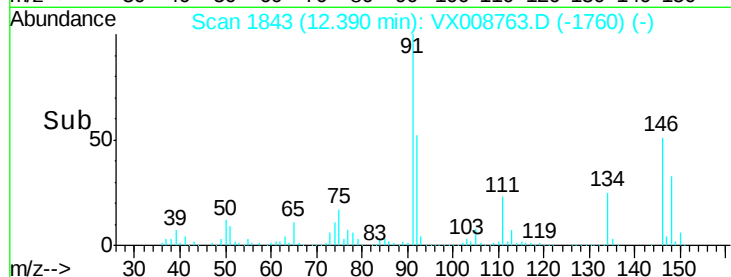
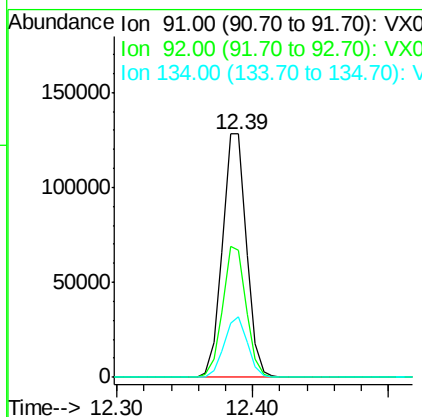
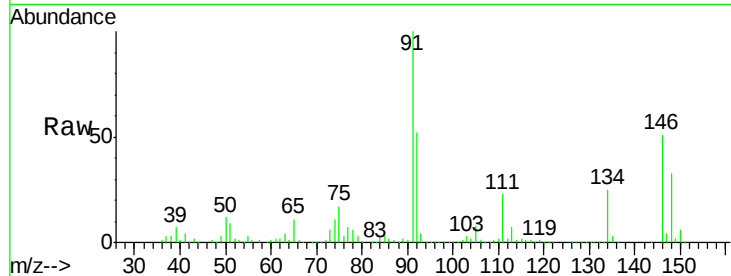
#85
n-Butylbenzene
Concen: 19.751 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.01 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Instrument :
MSVOA_X
ClientSampleId :
VX0409WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	157484		
92	52.4	0.0	105.2	
134	24.0	0.0	56.4	

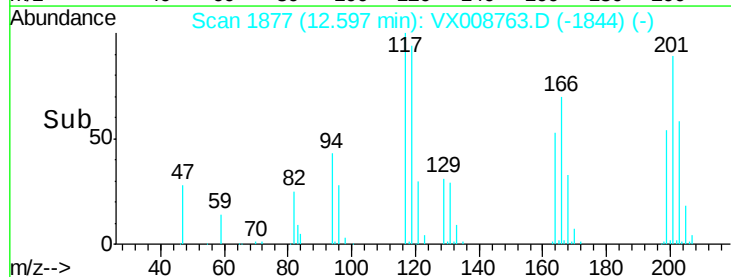
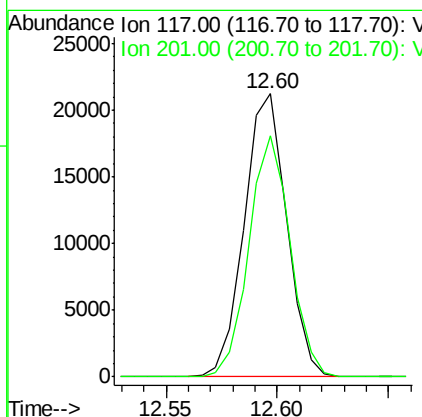
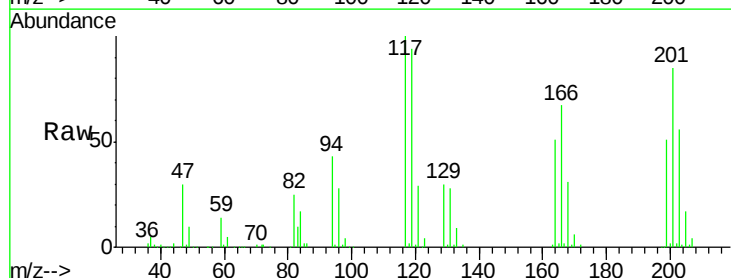
Manual Integrations
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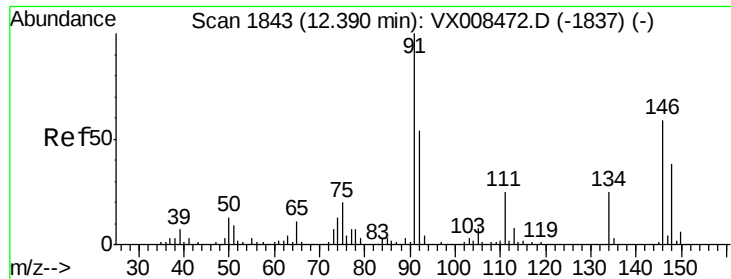
MMDadoda
4/10/2019 4:21:00 PM



#86
Hexachloroethane
Concen: 20.152 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008763.D
Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	28256		
201	82.5	41.1	123.3	





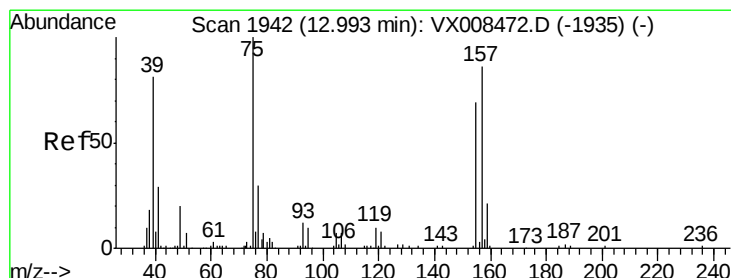
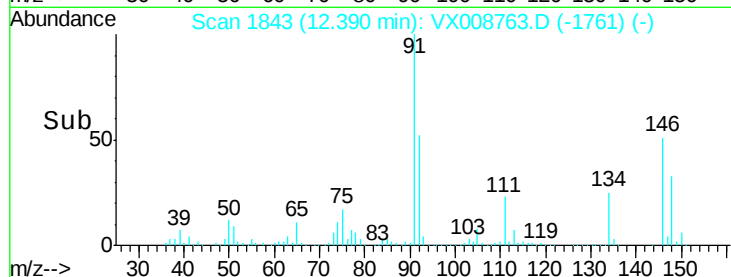
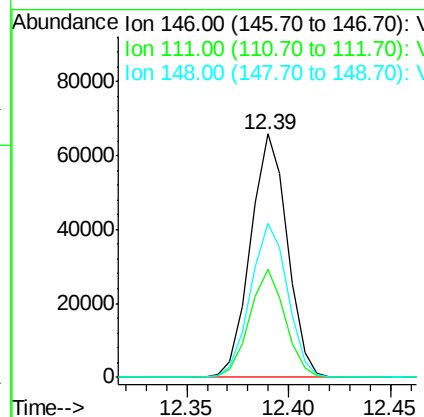
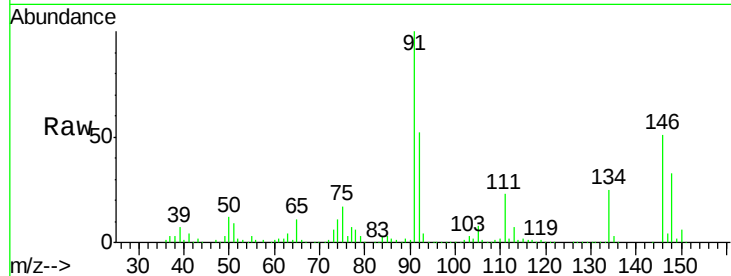
#87
 1,2-Dichlorobenzene
 Concen: 20.300 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.3	57.8
148	63.6	32.1	96.3

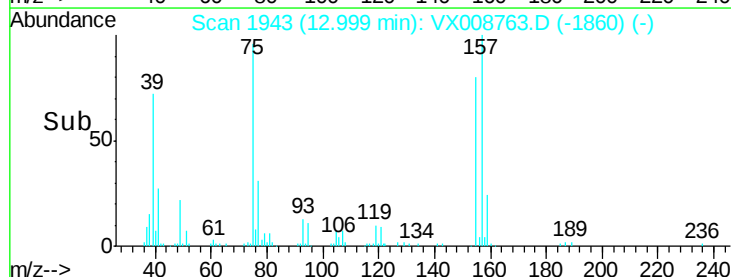
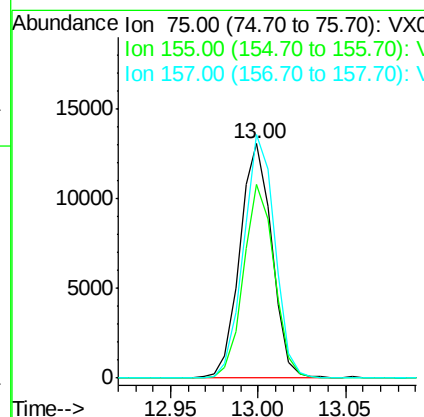
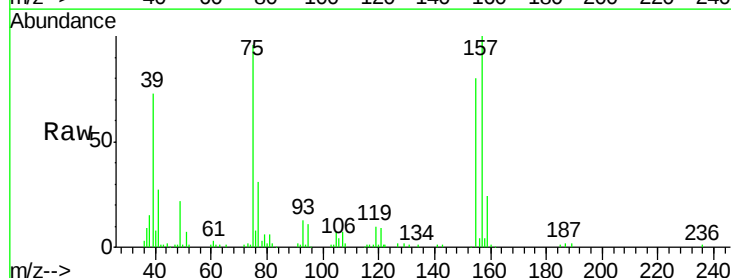
Manual Integrations
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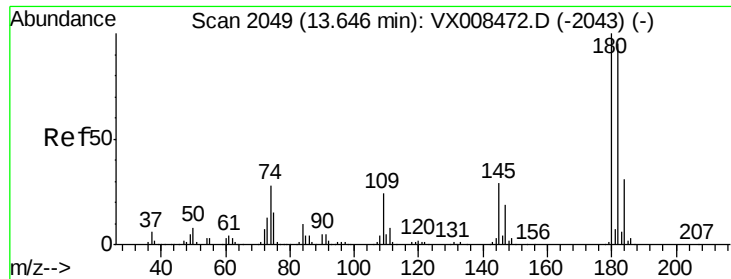
MMDadoda
 4/10/2019 4:21:00 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.917 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.4	81.0	121.6#
157	101.1	103.2	154.8#





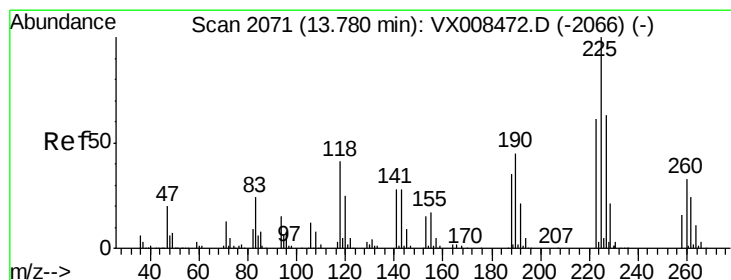
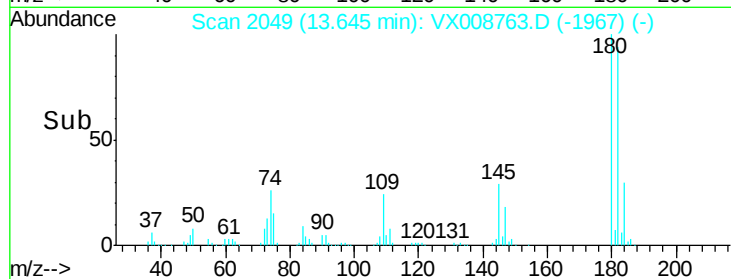
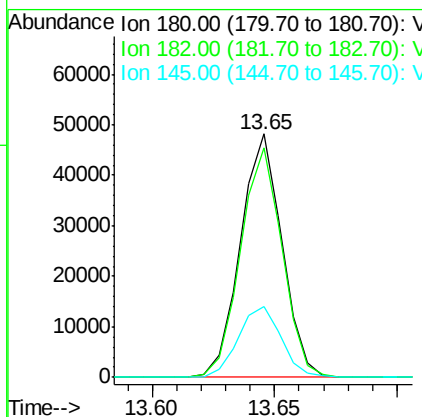
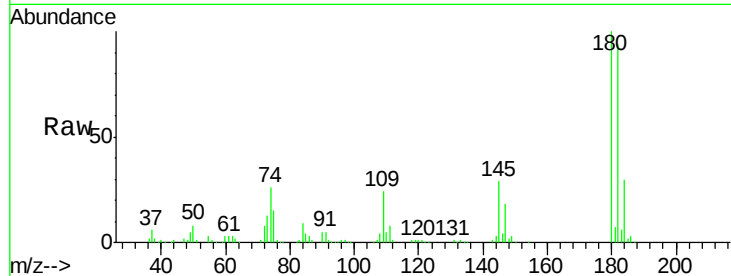
#89
 1,2,4-Trichlorobenzene
 Concen: 20.165 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0409WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	75.6	113.4
145	30.2	23.0	34.6

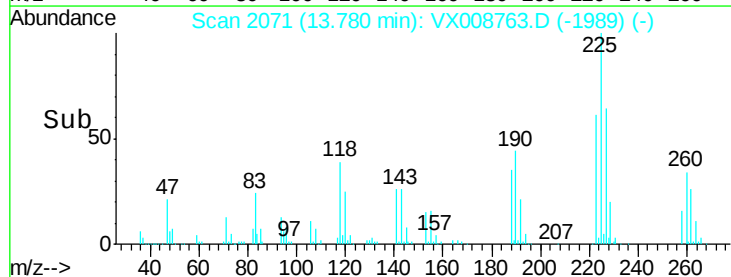
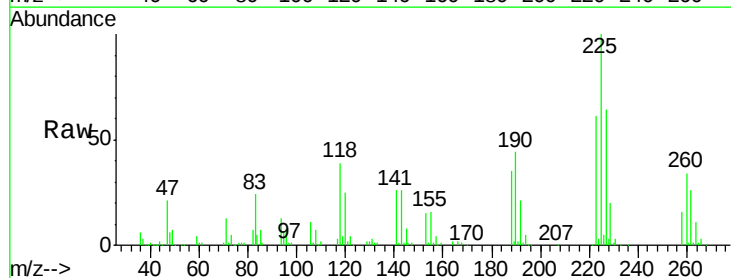
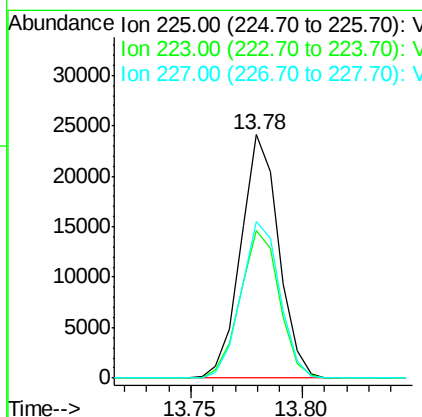
Manual Integrations
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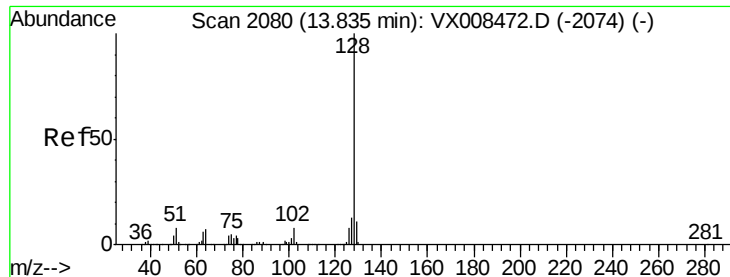
MMDadoda
 4/10/2019 4:21:00 PM



#90
 Hexachlorobutadiene
 Concen: 21.133 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008763.D
 Acq: 09 Apr 2019 11:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	0.0	123.8
227	65.3	0.0	124.4





#91

Naphthalene

Concen: 20.020 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Instrument :

MSVOA_X

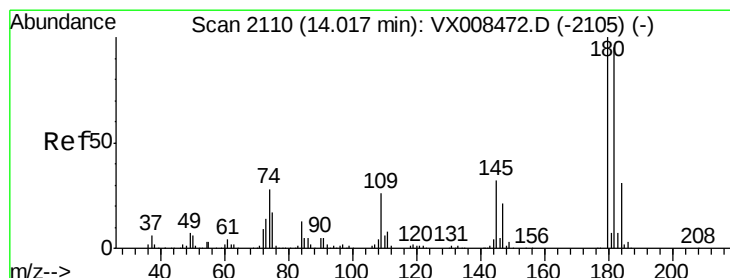
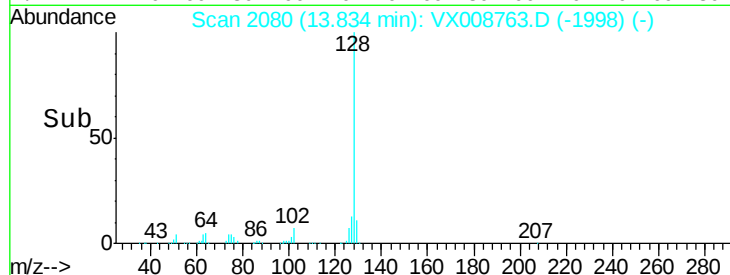
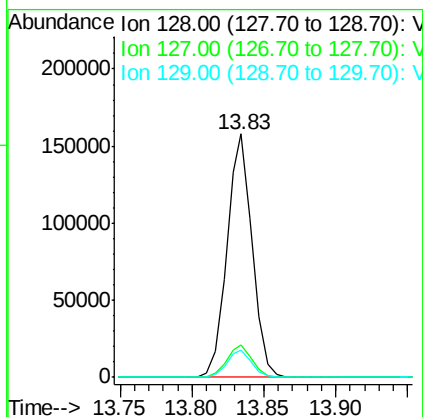
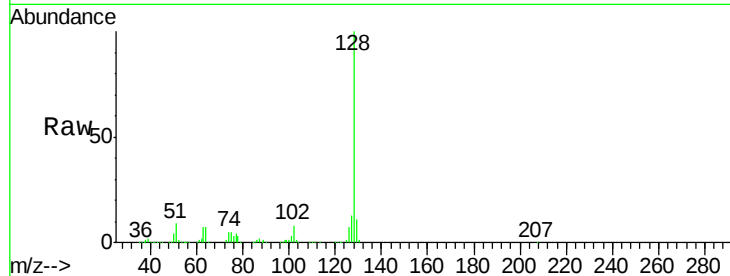
ClientSampleId :

VX0409WBS01

Tot Ion:	128	Resp:	193409
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:21:00 PM



#92

1,2,3-Trichlorobenzene

Concen: 19.985 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008763.D

Acq: 09 Apr 2019 11:29

Tgt Ion:	180	Resp:	56763
Ion Ratio	Lower	Upper	
180	100		
182	96.2	0.0	193.0
145	31.6	0.0	63.0

