

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012210.D
 Acq On : 08 Sep 2019 09:04
 Operator : SY/SP
 Sample : VX0907SBSD03
 Misc : 5.00µ/5.0mL/MSVOA X/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

Manual Integrations
 APPROVED

MMDadoda
 9/9/2019 9:24:00 AM

Quant Time: Sep 09 01:33:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	136290	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	231372	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	208086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	79796	42.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.86%	
35) Dibromofluoromethane	5.48	113	64840	45.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.14%	
50) Toluene-d8	8.71	98	242173	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	
62) 4-Bromofluorobenzene	11.14	95	105105	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25986	20.676	ug/l	99
3) Chloromethane	1.31	50	22135	17.197	ug/l	100
4) Vinyl Chloride	1.40	62	22089	18.241	ug/l	98
5) Bromomethane	1.62	94	10505	17.487	ug/l	97
6) Chloroethane	1.70	64	14309	19.007	ug/l	99
7) Trichlorofluoromethane	1.91	101	39740	21.128	ug/l	100
8) Diethyl Ether	2.17	74	12017	18.488	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	28764	20.647	ug/l #	84
10) Methyl Iodide	2.50	142	12047	14.336	ug/l	91
11) Tert butyl alcohol	3.04	59	15788	87.407	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	23331	17.385	ug/l	87
13) Acrolein	2.28	56	5415	98.233	ug/l	95
14) Allyl chloride	2.72	41	42313	17.425	ug/l	97
15) Acrylonitrile	3.13	53	37428	91.636	ug/l	98
16) Acetone	2.43	43	40964	91.135	ug/l	100
17) Carbon Disulfide	2.56	76	49281	12.565	ug/l	100
18) Methyl Acetate	2.76	43	18290	17.273	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	81121	18.567	ug/l	97
20) Methylene Chloride	2.84	84	29580	16.388	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	25934	16.468	ug/l	94
22) Diisopropyl ether	3.84	45	95149	19.223	ug/l	96
23) Vinyl Acetate	3.80	43	294658	92.027	ug/l	97
24) 1,1-Dichloroethane	3.68	63	52147	18.165	ug/l	97
25) 2-Butanone	4.66	43	53065	92.744	ug/l	98
26) 2,2-Dichloropropane	4.57	77	52259	19.718	ug/l	95
27) cis-1,2-Dichloroethene	4.58	96	32006	17.338	ug/l	88
28) Bromochloromethane	5.00	49	23207	20.252	ug/l #	76
29) Tetrahydrofuran	5.12	42	30531	88.565	ug/l	98
30) Chloroform	5.19	83	58119	18.868	ug/l	99
31) Cyclohexane	5.56	56	40849	17.718	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	53312	19.872	ug/l	97
36) 1,1-Dichloropropene	5.79	75	39345	19.307	ug/l	95
37) Ethyl Acetate	4.82	43	21129	19.067	ug/l #	95
38) Carbon Tetrachloride	5.78	117	43841	20.417	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	44601	18.858	ug/l	98
40) Benzene	6.13	78	110006	18.804	ug/l	99
41) Methacrylonitrile	5.03	41	13806	20.892	ug/l	96
42) 1,2-Dichloroethane	6.18	62	42762	20.312	ug/l	96
43) Isopropyl Acetate	6.43	43	44029	19.541	ug/l	99
44) Trichloroethene	7.20	130	30255	19.174	ug/l	82
45) 1,2-Dichloropropane	7.50	63	28924	19.136	ug/l	99
46) Dibromomethane	7.65	93	16454	18.648	ug/l #	73
47) Bromodichloromethane	7.89	83	44034	19.634	ug/l	98
48) Methyl methacrylate	7.76	41	21908	19.337	ug/l	96
49) 1,4-Dioxane	7.73	88	5726	370.751	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	115648	100.908	ug/l	96
52) Toluene	8.78	92	72825	19.132	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	42974	18.508	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	47949	18.570	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	24037	19.055	ug/l	95
56) Ethyl methacrylate	9.17	69	34180	18.917	ug/l	94
57) 1,3-Dichloropropane	9.37	76	41906	19.252	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	76699	94.155	ug/l	93
59) 2-Hexanone	9.49	43	84860	101.475	ug/l	96
60) Dibromochloromethane	9.58	129	28882	19.211	ug/l	100
61) 1,2-Dibromoethane	9.67	107	23014	18.881	ug/l	99
64) Tetrachloroethene	9.33	164	26967	20.787	ug/l #	87
65) Chlorobenzene	10.14	112	80841	19.690	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	31168	20.762	ug/l	97
67) Ethyl Benzene	10.24	91	151290	20.216	ug/l	95
68) m/p-Xylenes	10.35	106	112055	40.639	ug/l	91
69) o-Xylene	10.70	106	53210	19.901	ug/l	88
70) Styrene	10.71	104	93816	20.201	ug/l	95
71) Bromoform	10.85	173	15142	18.364	ug/l #	98
73) Isopropylbenzene	11.01	105	156732	20.585	ug/l	95
74) N-amyl acetate	10.89	43	42379	18.826	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	30487	19.207	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	26729m	21.081	ug/l	
77) Bromobenzene	11.25	156	33719	19.802	ug/l	71
78) n-propylbenzene	11.35	91	186595	20.286	ug/l	95
79) 2-Chlorotoluene	11.42	91	111133	19.943	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	136895	20.517	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.07	75	8941	16.671	ug/l	90
82) 4-Chlorotoluene	11.51	91	135620	20.419	ug/l	92
83) tert-Butylbenzene	11.76	119	132016	20.759	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	134535	19.618	ug/l	94
85) sec-Butylbenzene	11.94	105	162472	20.569	ug/l	94
86) p-Isopropyltoluene	12.06	119	146460	20.388	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	67910	19.902	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	67341	19.738	ug/l	93
89) n-Butylbenzene	12.38	91	142580	20.432	ug/l	96
90) Hexachloroethane	12.59	117	26740	18.643	ug/l	56
91) 1,2-Dichlorobenzene	12.38	146	62646	20.386	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	5883	17.712	ug/l	67

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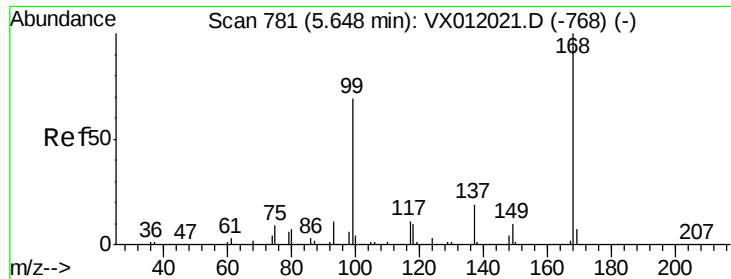
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	38913	17.790	µg/l	93
94) Hexachlorobutadiene	13.78	225	21537	19.533	µg/l	99
95) Naphthalene	13.83	128	82280	17.381	µg/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	34367	17.859	µg/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

Tot Ion:168 Resp: 136290

Ion Ratio Lower Upper

168 100

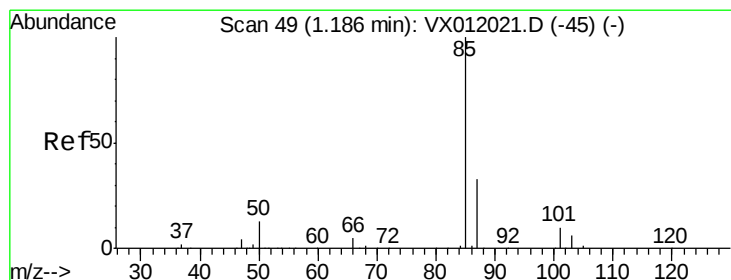
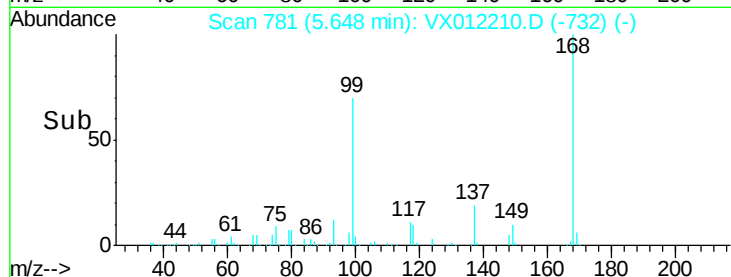
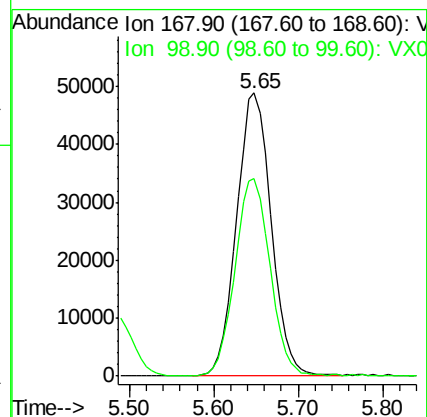
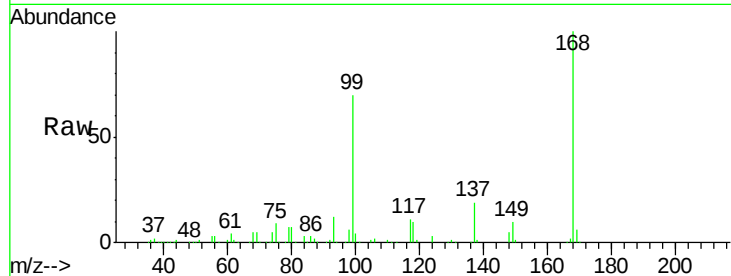
99 69.5 37.6 56.4#

Manual Integrations

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9/9/2019 9:24:00 AM



#2

Dichlorodifluoromethane

Concen: 20.676 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012210.D

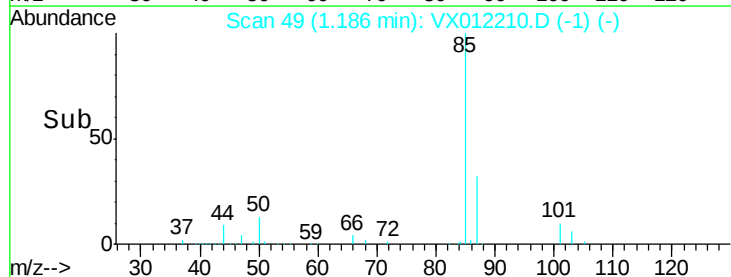
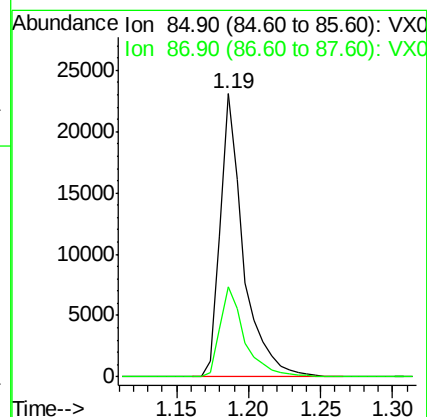
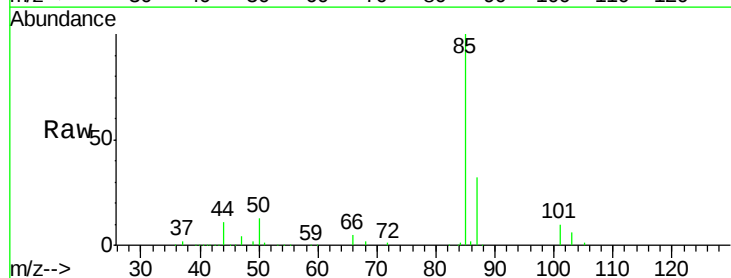
Acq: 08 Sep 2019 09:04

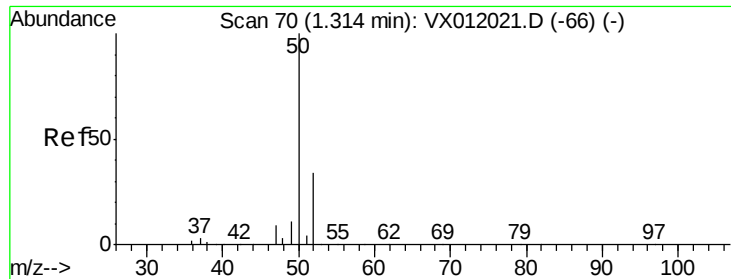
Tgt Ion: 85 Resp: 25986

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.8





#3

Chloromethane

Concen: 17.197 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

Tot Ion: 50 Resp: 22135

Ion Ratio Lower Upper

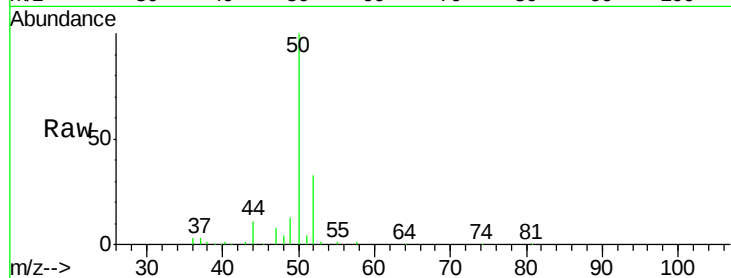
50 100

52 33.2 26.5 39.7

Manual Integrations
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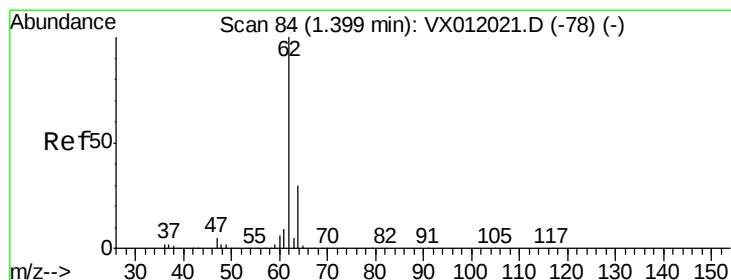
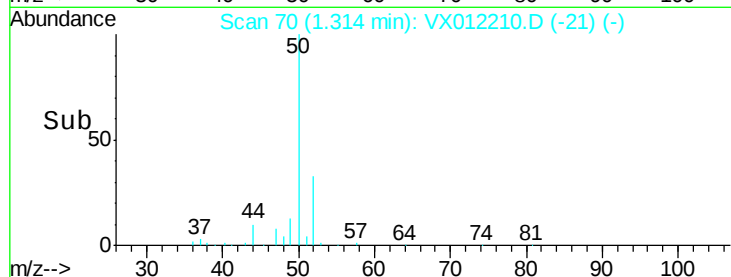
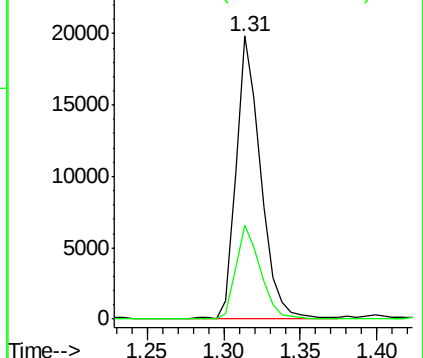
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.241 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012210.D

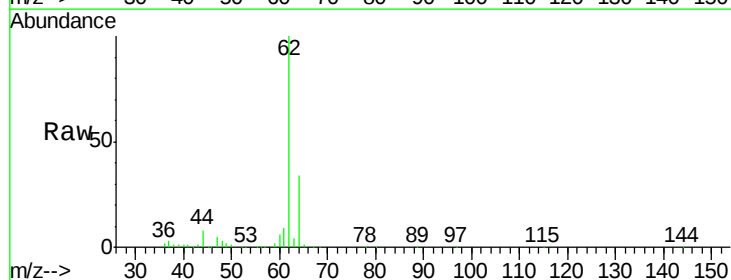
Acq: 08 Sep 2019 09:04

Tgt Ion: 62 Resp: 22089

Ion Ratio Lower Upper

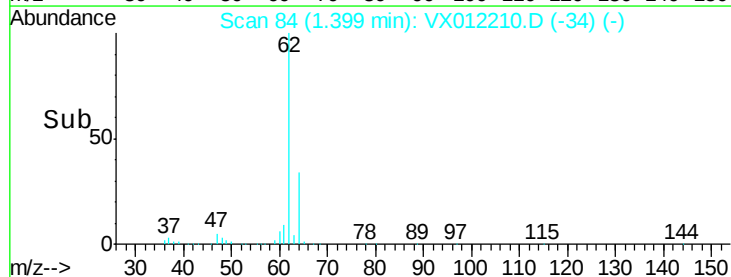
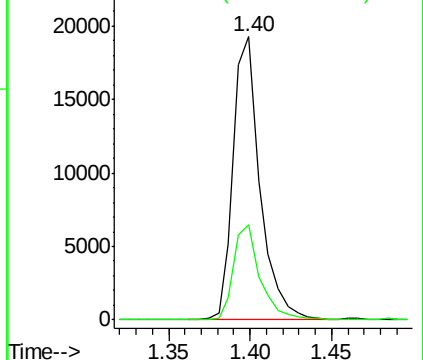
62 100

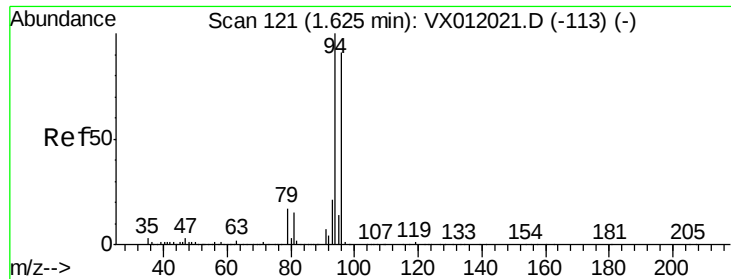
64 33.7 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.487 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

Tot Ion: 94 Resp: 10505

Ion Ratio Lower Upper

94 100

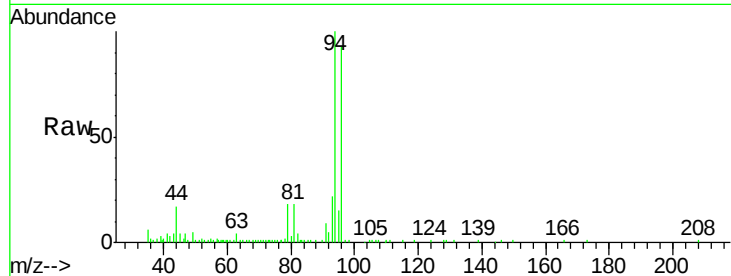
96 92.8 76.3 114.5

Manual Integrations

APPROVED

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9/9/2019 9:24:00 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

12000

10000

8000

6000

4000

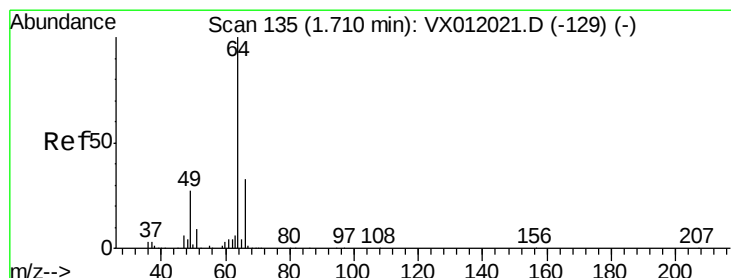
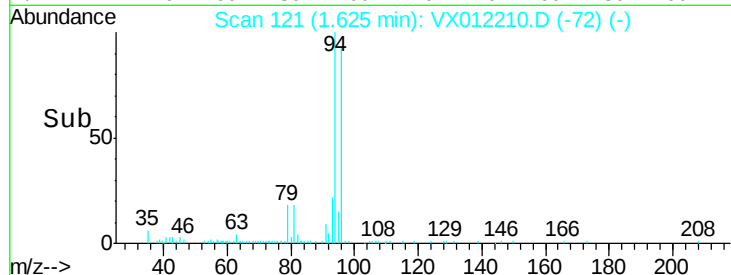
2000

0

Time-->

1.55 1.60 1.65 1.70

1.62



#6

Chloroethane

Concen: 19.007 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012210.D

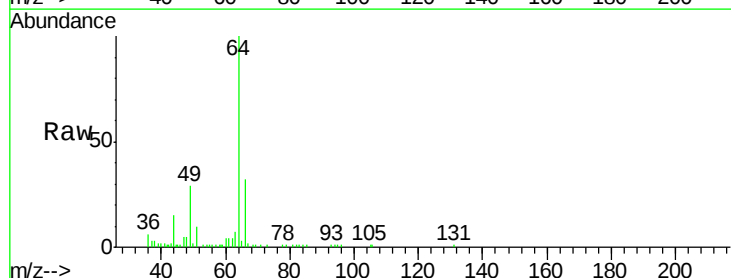
Acq: 08 Sep 2019 09:04

Tgt Ion: 64 Resp: 14309

Ion Ratio Lower Upper

64 100

66 32.1 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

10000

8000

6000

4000

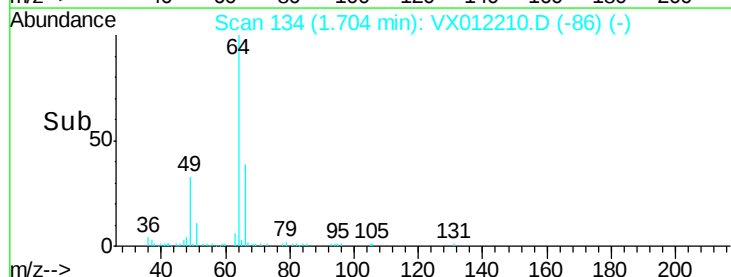
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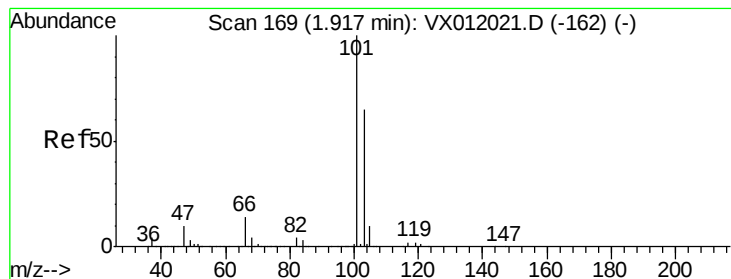
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Time-->

1.60 1.70 1.80

1.70





#7

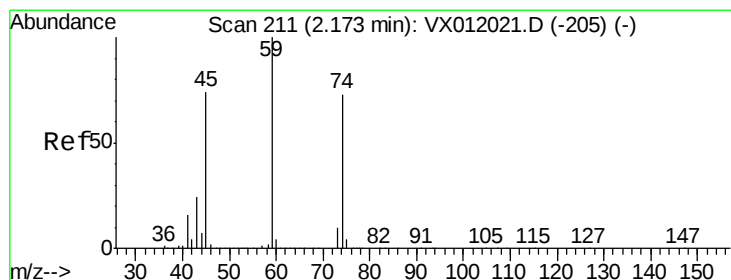
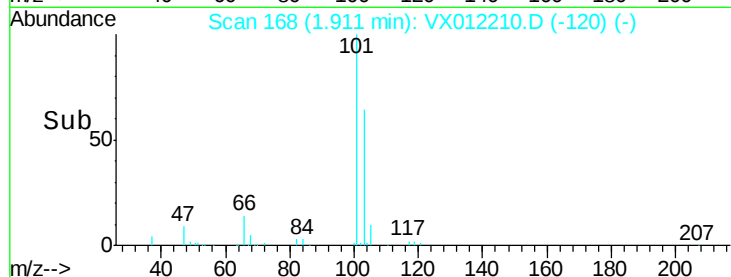
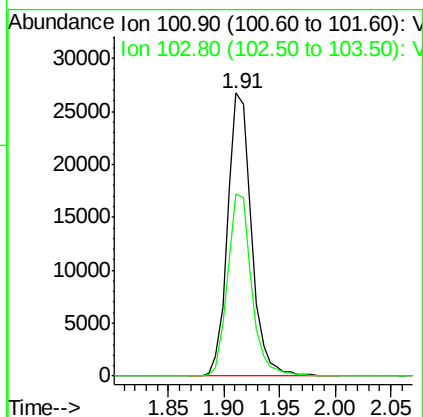
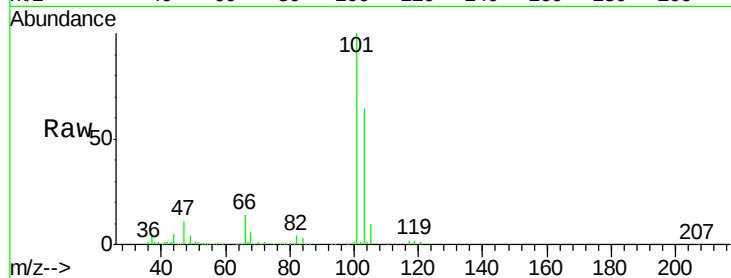
Trichlorofluoromethane
 Concen: 21.128 ug/l
 RT: 1.91 min Scan# 168
 Delta R.T. -0.01 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
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 ClientSampleId :
 VX0907SBSD03

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.6	77.4

Manual Integrations
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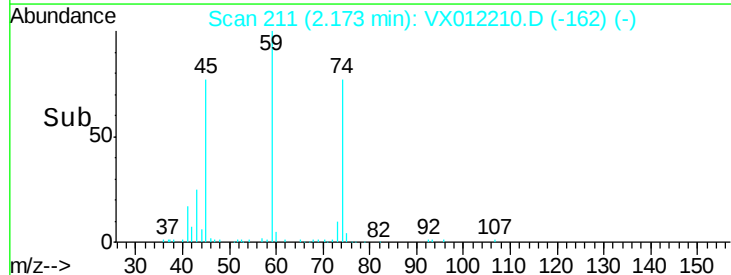
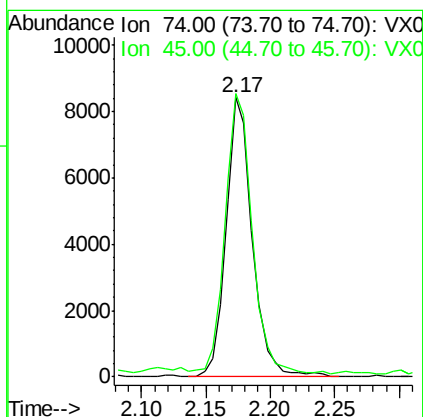
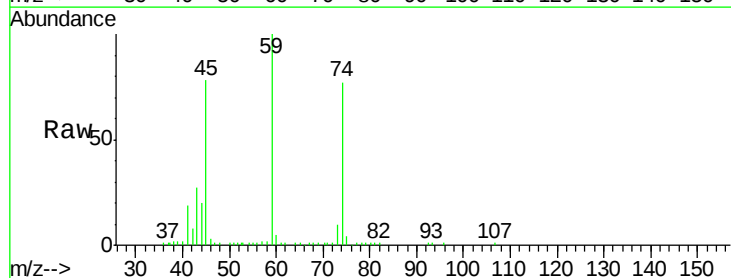
MMDadoda
 9/9/2019 9:24:00 AM

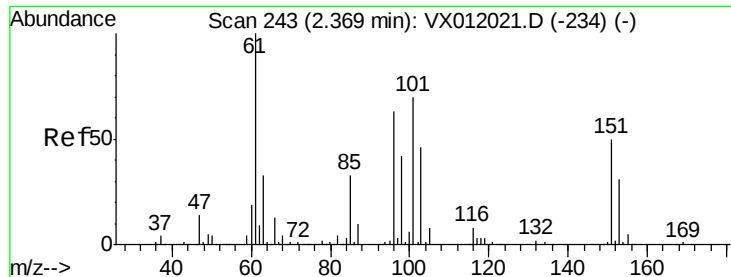


#8

Diethyl Ether
 Concen: 18.488 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.9	45.9	137.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.647 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

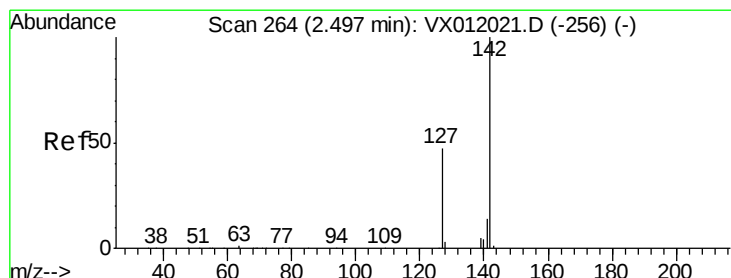
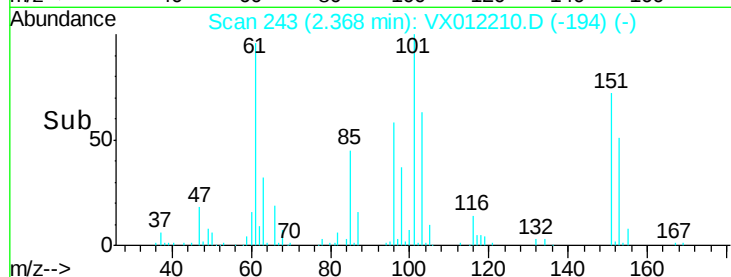
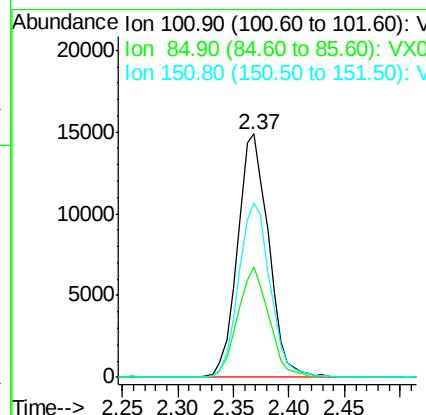
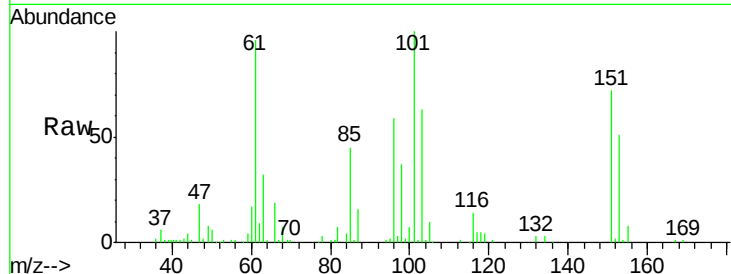
ClientSampleId :

VX0907SBS03

Tot Ion:	101	Resp:	28764
Ion Ratio	Lower	Upper	
101	100		
85	45.6	34.5	51.7
151	72.8	75.0	112.4#

Manual Integrations
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#10

Methyl Iodide

Concen: 14.336 ug/l

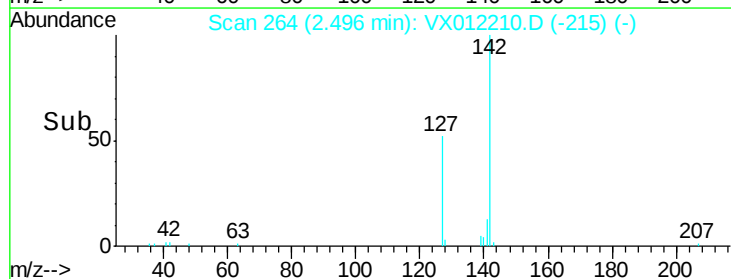
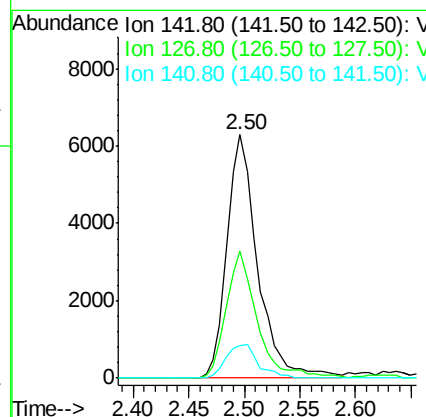
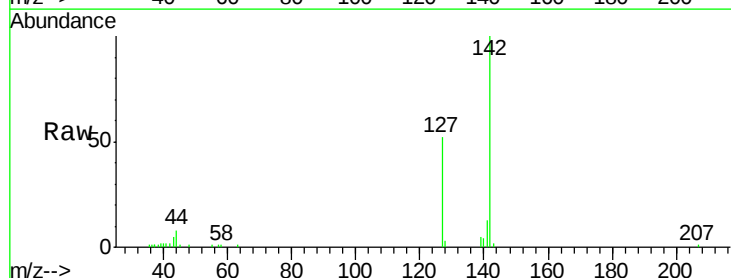
RT: 2.50 min Scan# 264

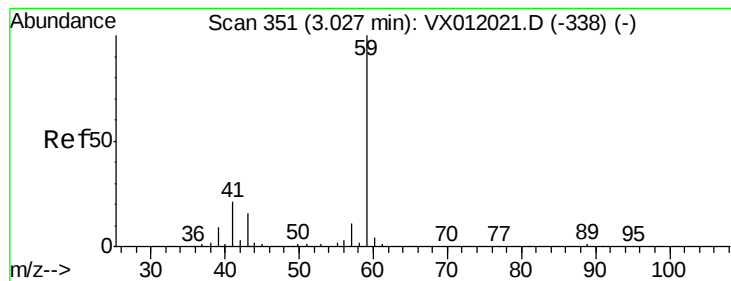
Delta R.T. 0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion:	142	Resp:	12047
Ion Ratio	Lower	Upper	
142	100		
127	52.4	35.4	53.2
141	14.4	11.4	17.2





#11

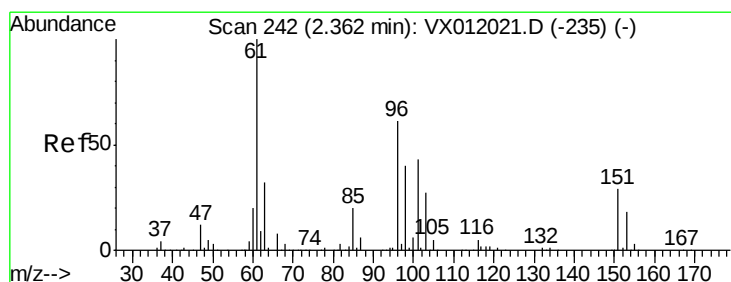
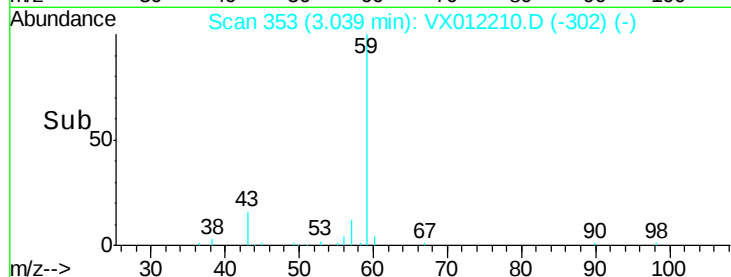
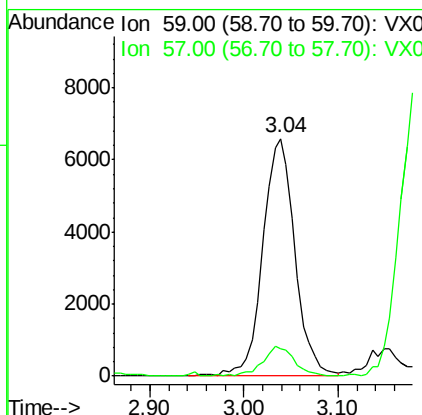
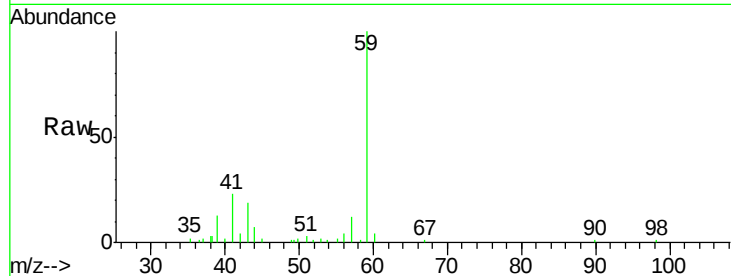
Tert butyl alcohol
 Concen: 87.407 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.4	7.9	11.9#

Manual Integrations
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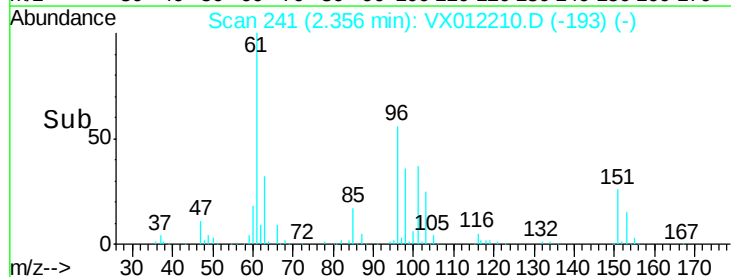
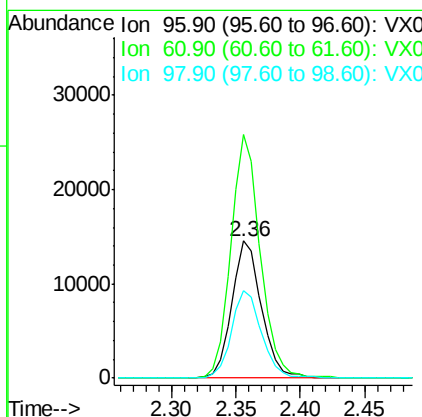
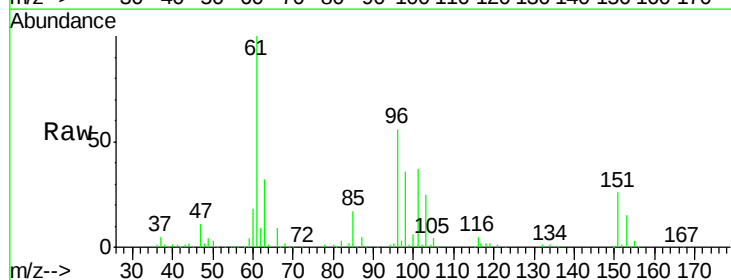
MMDadoda
 9/9/2019 9:24:00 AM

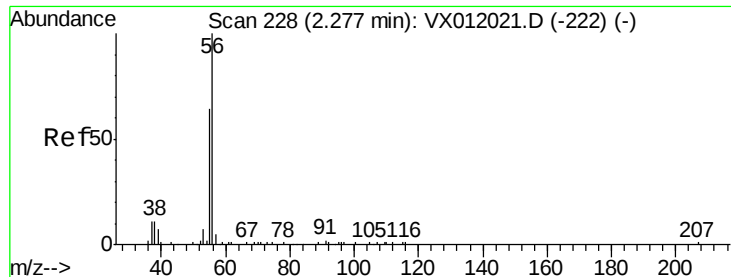


#12

1,1-Dichloroethene
 Concen: 17.385 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.3	124.1	186.1
98	63.8	50.2	75.2





#13

Acrolein

Concen: 98.233 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

Tot Ion: 56 Resp: 5415

Ion Ratio Lower Upper

56 100

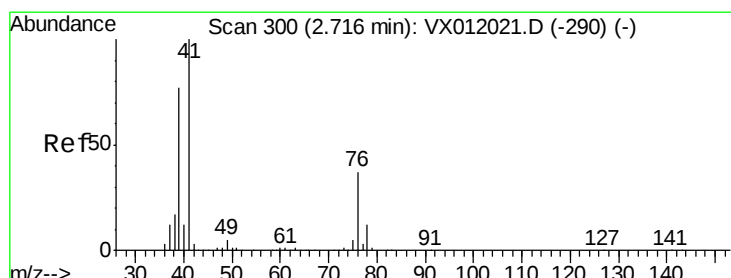
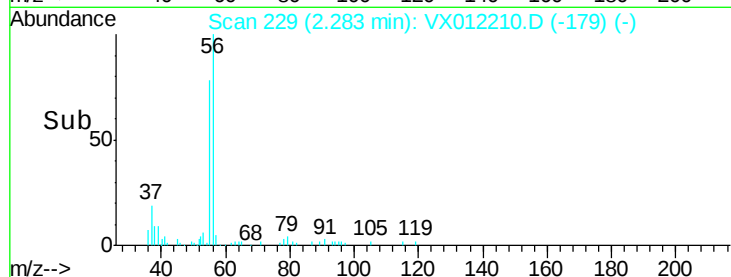
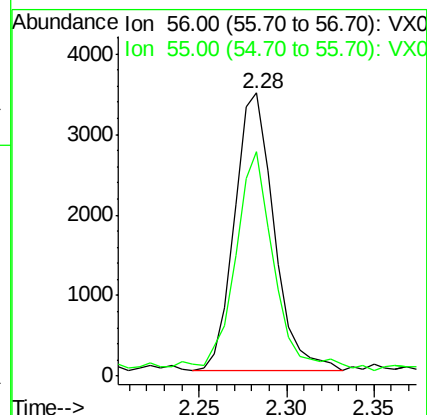
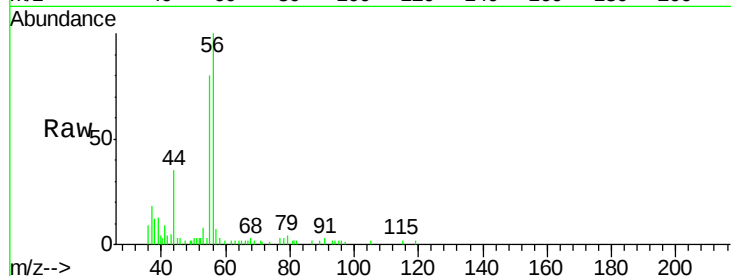
55 78.1 59.2 88.8

Manual Integrations

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#14

Allyl chloride

Concen: 17.425 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

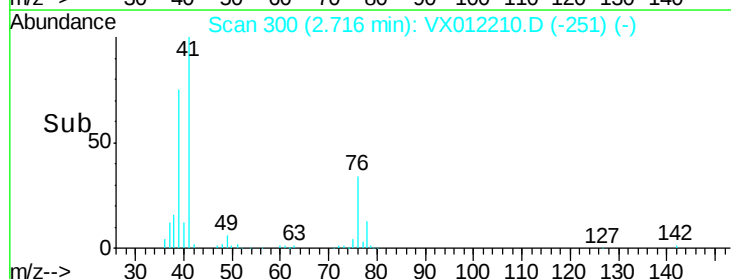
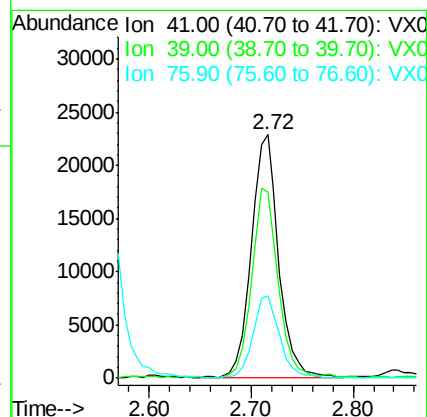
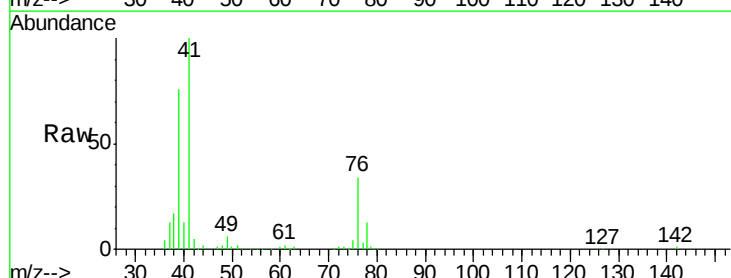
Tgt Ion: 41 Resp: 42313

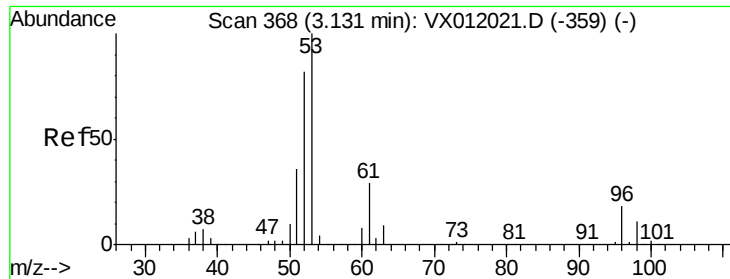
Ion Ratio Lower Upper

41 100

39 74.8 57.9 86.9

76 33.6 28.5 42.7





#15

Acrylonitrile

Concen: 91.636 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

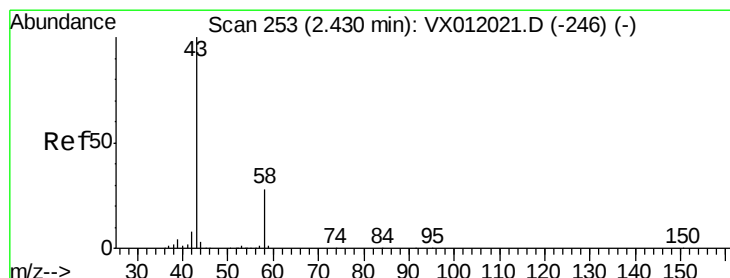
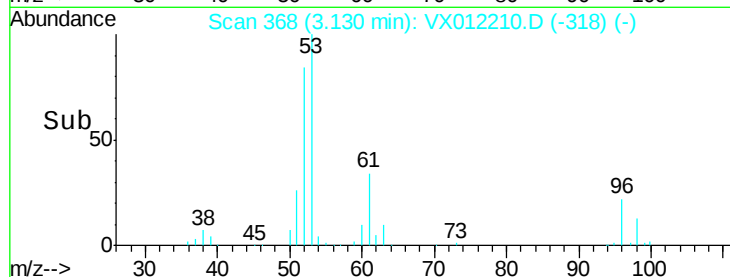
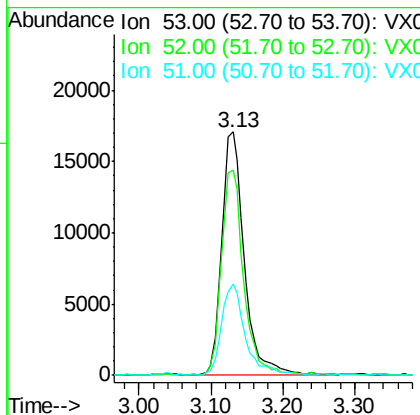
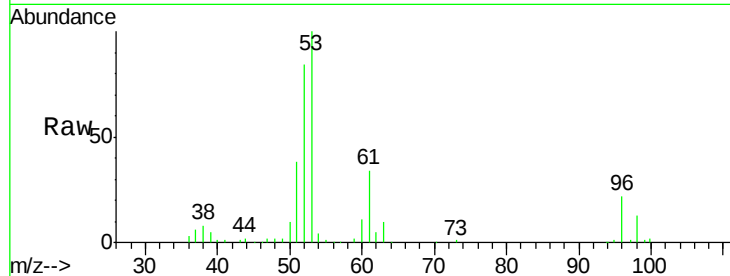
ClientSampleId :

VX0907SBS03

Tot Ion:	53	Resp:	37428
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.6	98.4
51	39.3	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 91.135 ug/l

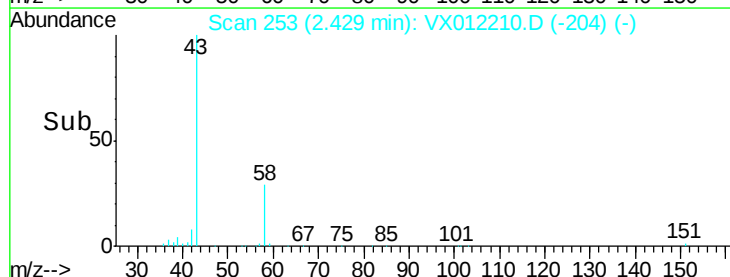
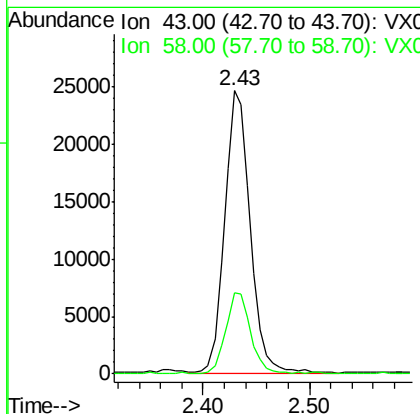
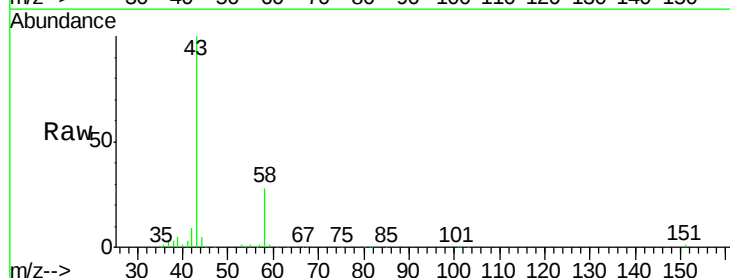
RT: 2.43 min Scan# 253

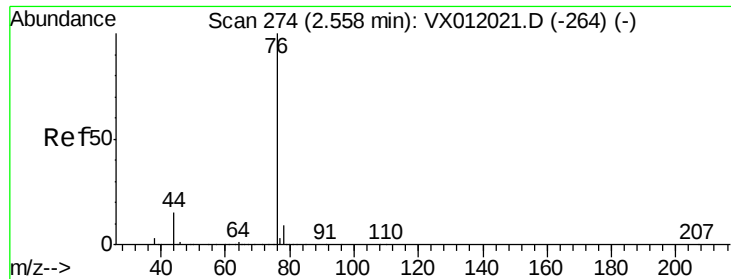
Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion:	43	Resp:	40964
Ion	Ratio	Lower	Upper
43	100		
58	28.6	22.8	34.2





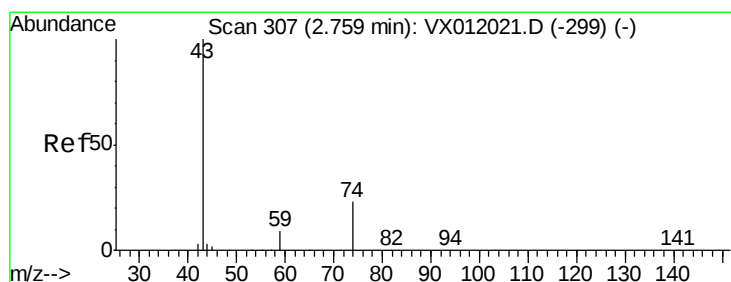
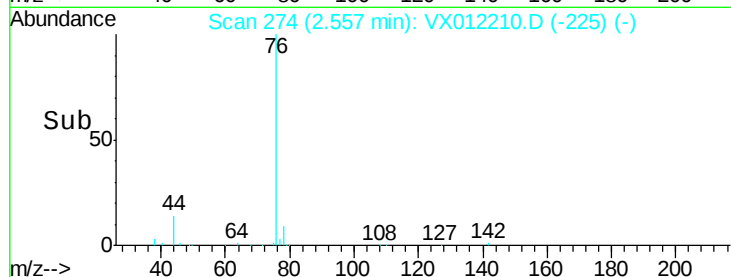
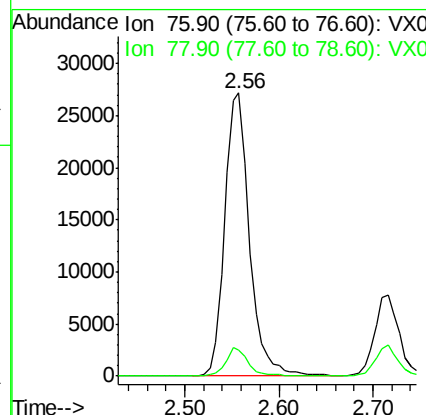
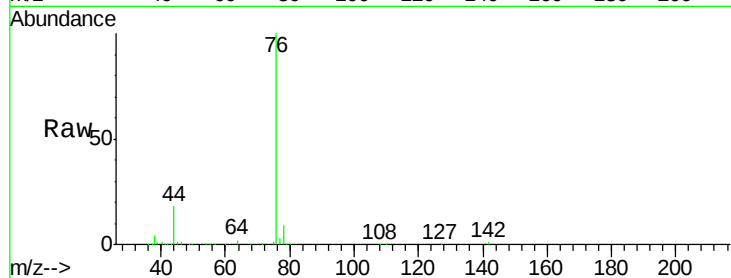
#17
Carbon Disulfide
Concen: 12.565 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.2

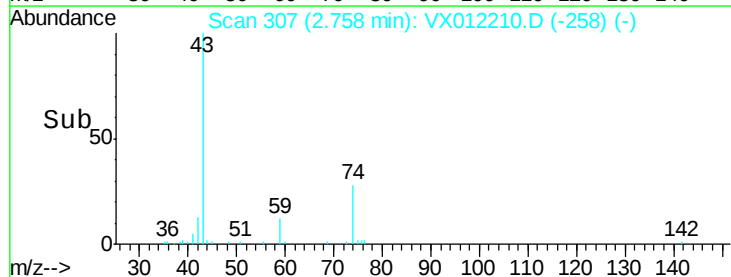
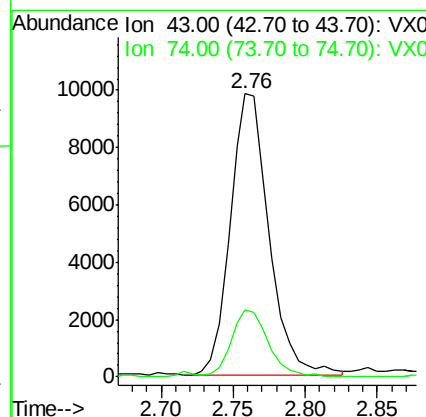
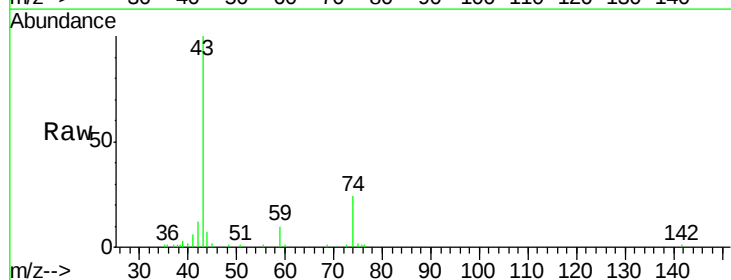
Manual Integrations
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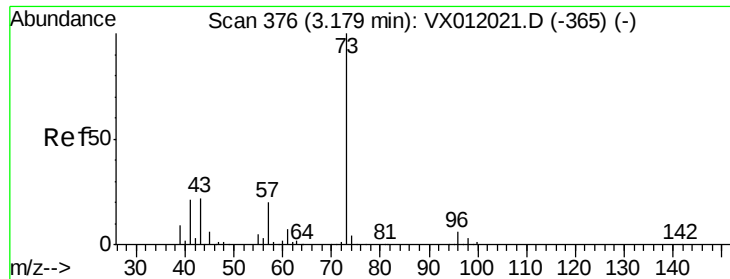
MMDadoda
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#18
Methyl Acetate
Concen: 17.273 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	19.5	29.3





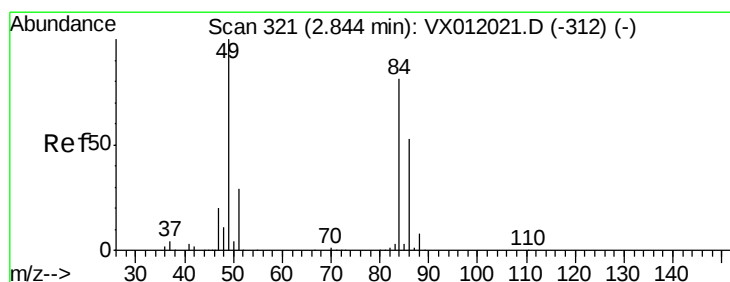
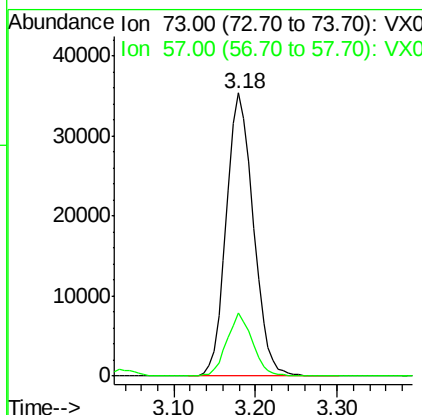
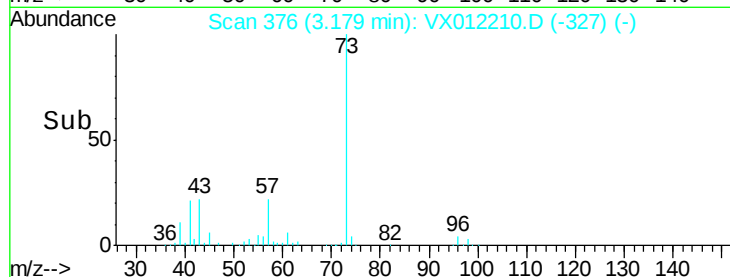
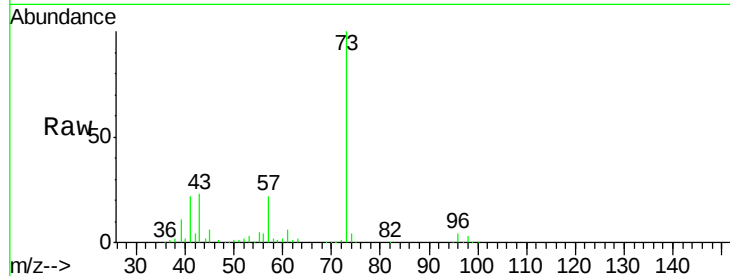
#19
Methyl tert-butyl Ether
Concen: 18.567 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	16.6	25.0

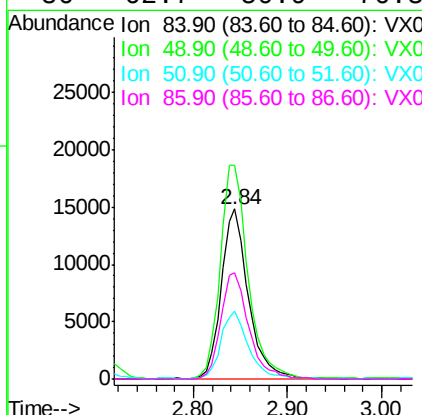
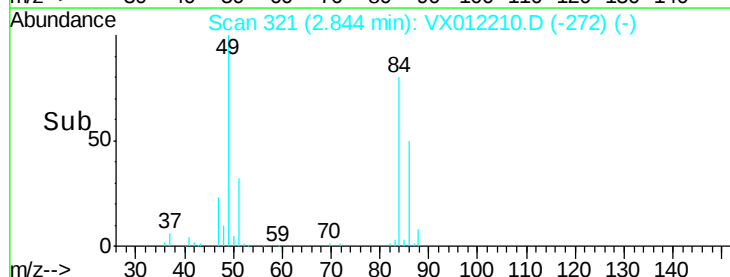
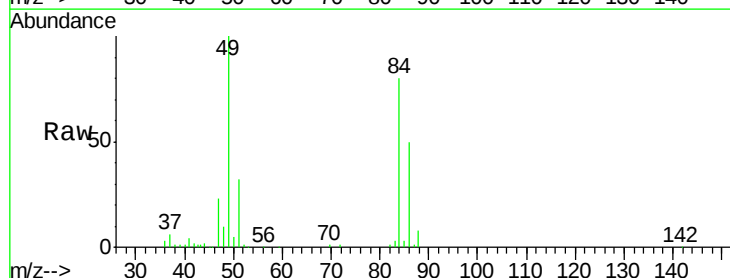
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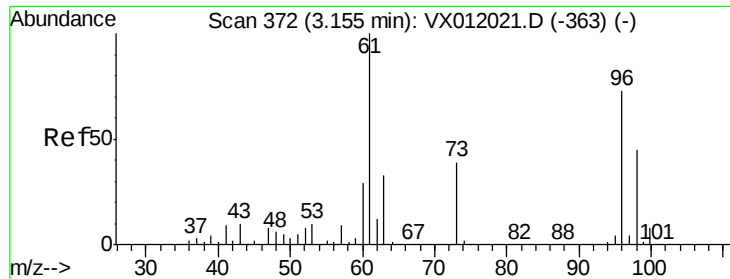
MMDadoda
9/9/2019 9:24:00 AM



#20
Methylene Chloride
Concen: 16.388 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.8	95.8	143.8
51	39.6	28.6	43.0
86	62.7	50.9	76.3





#21

trans-1,2-Dichloroethene

Concen: 16.468 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

Tot Ion: 96 Resp: 25934

Ion Ratio Lower Upper

96 100

61 141.6 107.0 160.6

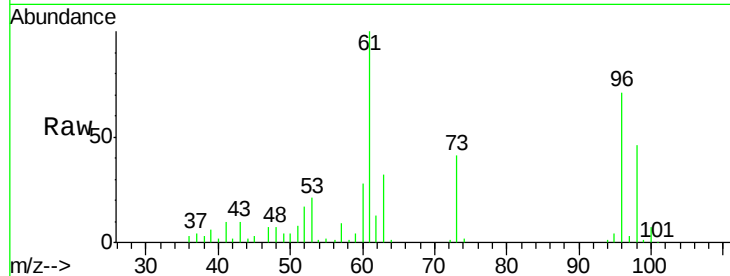
98 65.0 49.8 74.6

Manual Integrations

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MMDadoda

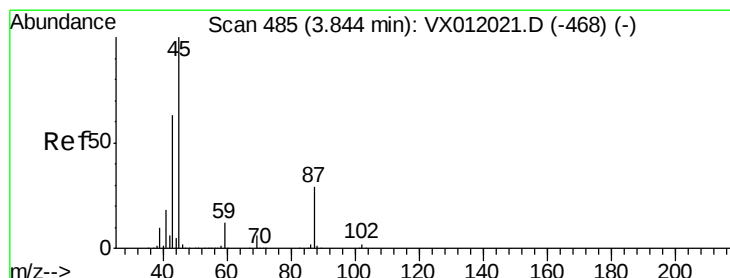
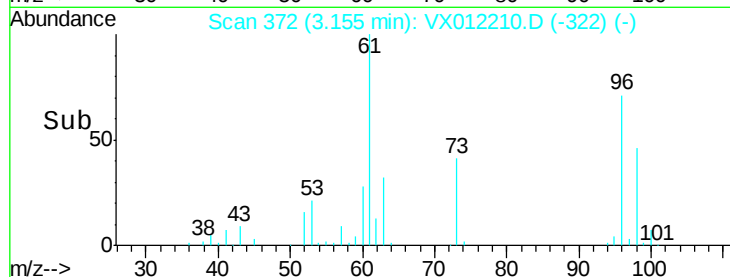
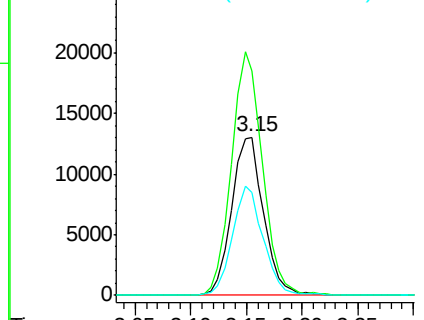
9/9/2019 9:24:00 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.223 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion: 45 Resp: 95149

Ion Ratio Lower Upper

45 100

43 63.2 54.2 81.4

87 29.2 23.4 35.0

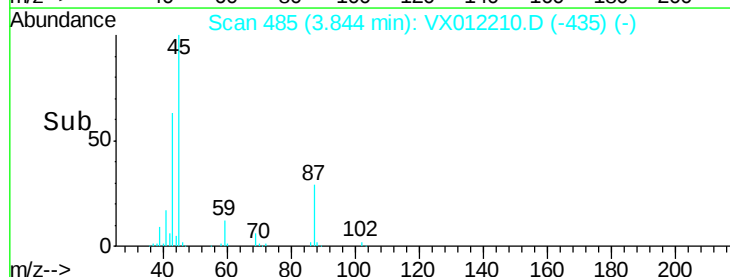
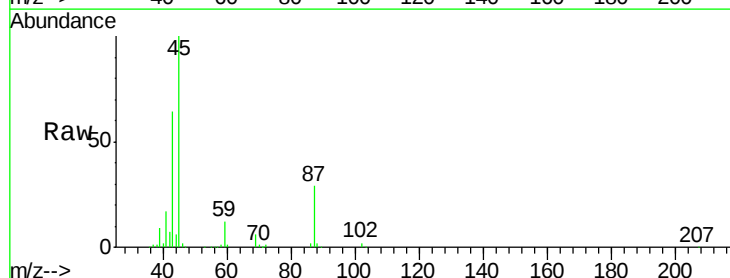
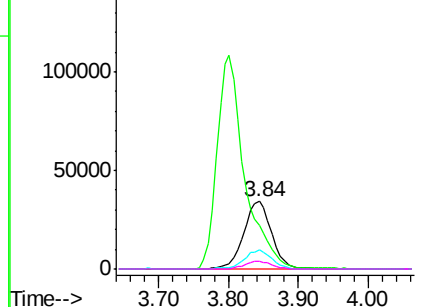
59 11.6 9.0 13.6

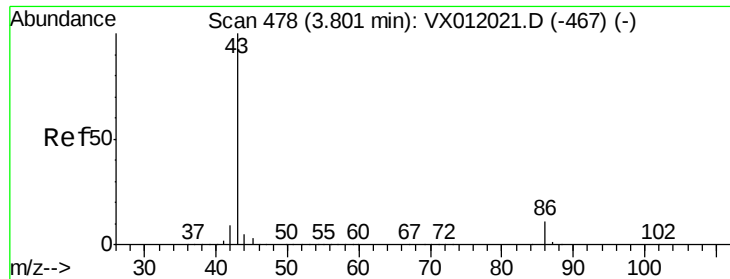
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





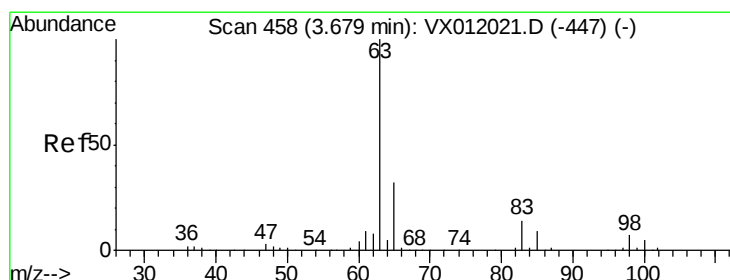
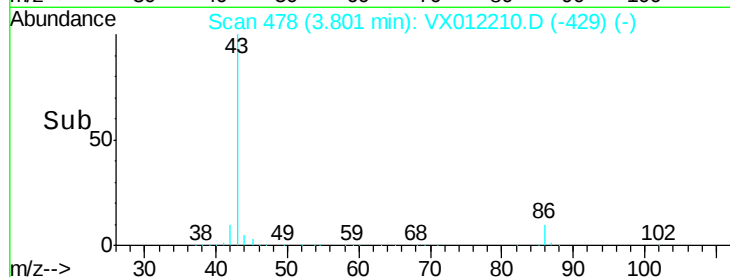
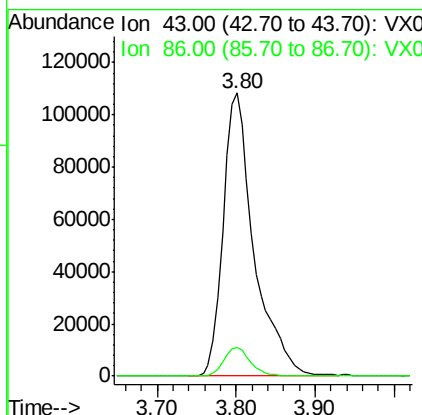
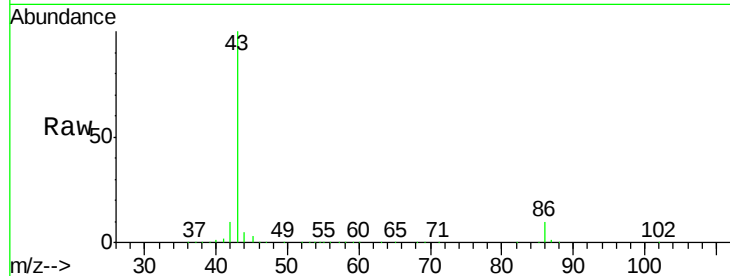
#23
 Vinyl Acetate
 Concen: 92.027 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

Tot Ion	43	Resp	294658
Ion Ratio	100	Lower	Upper
43	100		
86	10.2	9.0	13.6

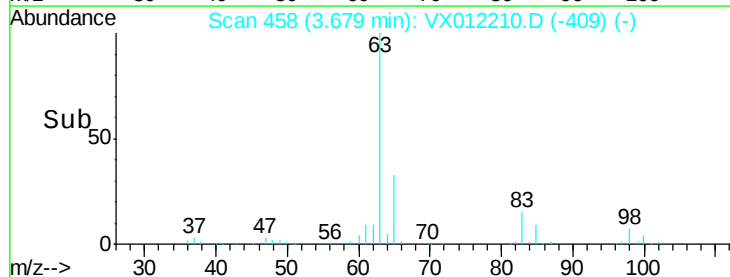
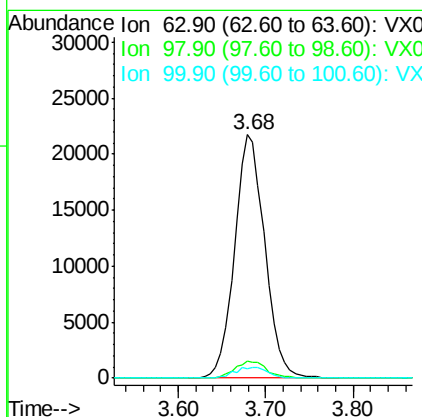
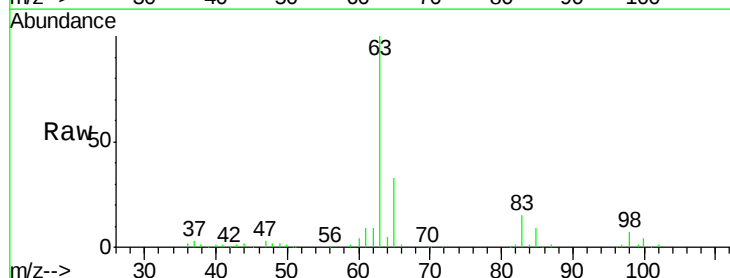
Manual Integrations
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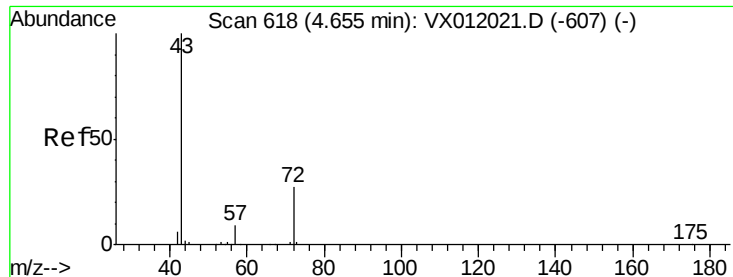
MMDadoda
 9/9/2019 9:24:00 AM



#24
 1,1-Dichloroethane
 Concen: 18.165 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion	63	Resp	52147
Ion Ratio	100	Lower	Upper
63	100		
98	7.2	3.9	11.7
100	3.6	2.5	7.4





#25

2-Butanone

Concen: 92.744 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

Tot Ion: 43 Resp: 53065

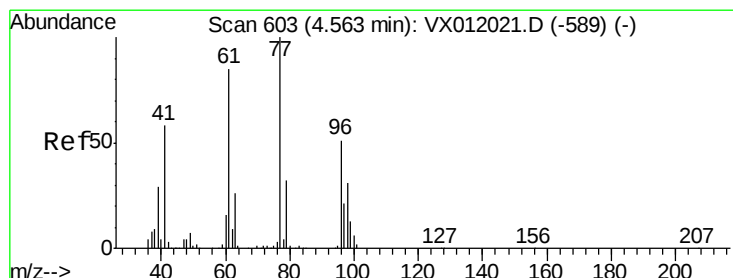
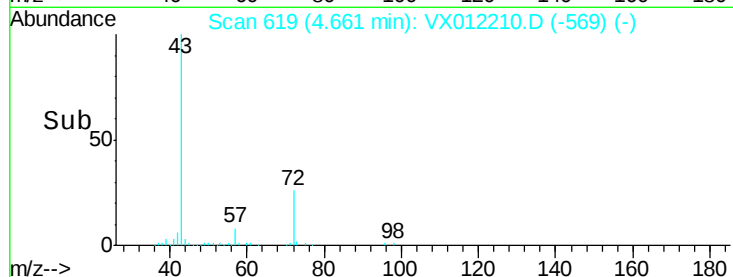
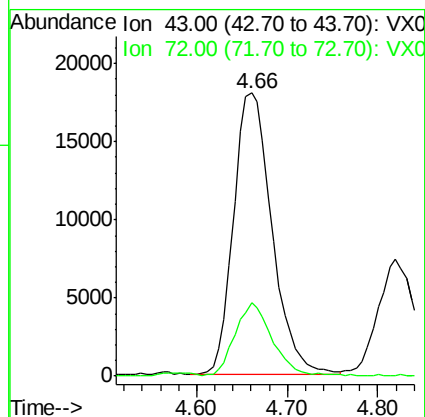
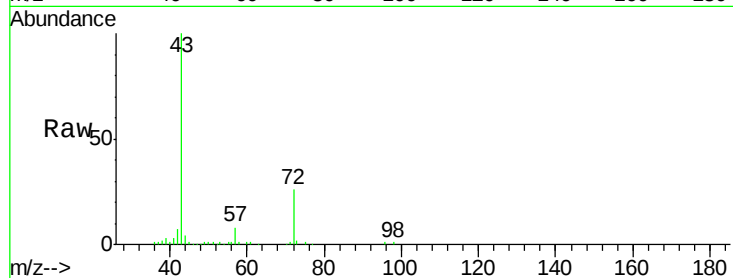
Ion Ratio Lower Upper

43 100

72 25.8 21.3 31.9

Manual Integrations
APPROVED

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9/9/2019 9:24:00 AM



#26

2,2-Dichloropropane

Concen: 19.718 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012210.D

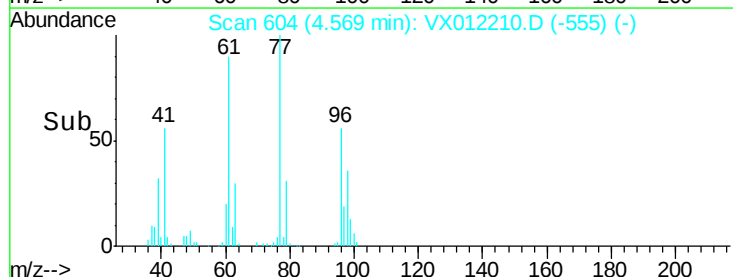
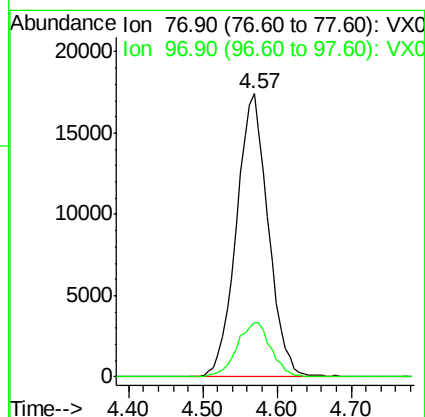
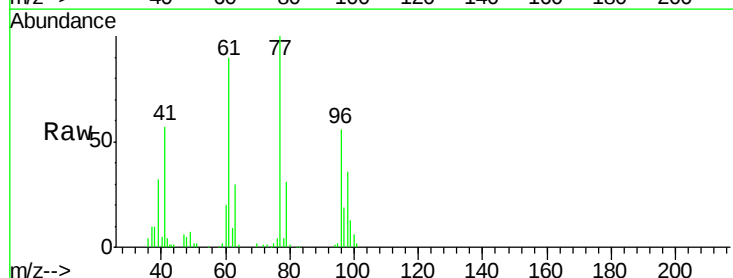
Acq: 08 Sep 2019 09:04

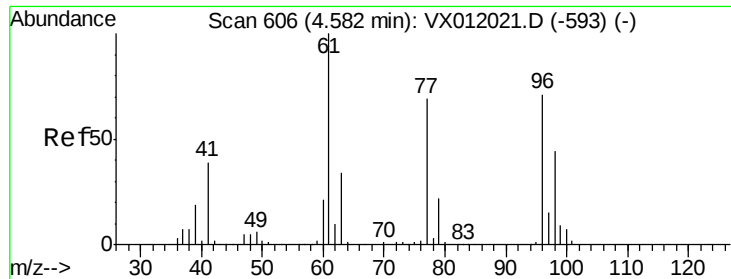
Tgt Ion: 77 Resp: 52259

Ion Ratio Lower Upper

77 100

97 20.4 11.5 34.5





#27

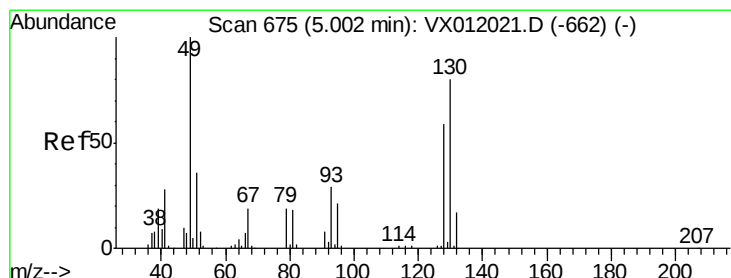
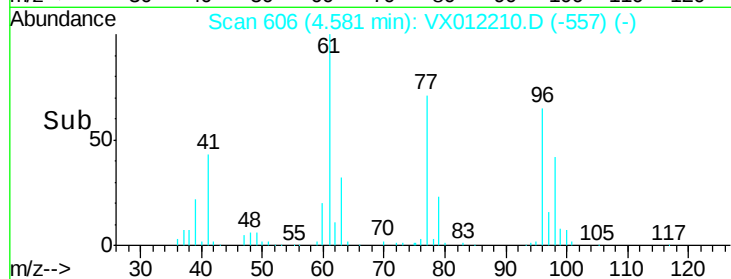
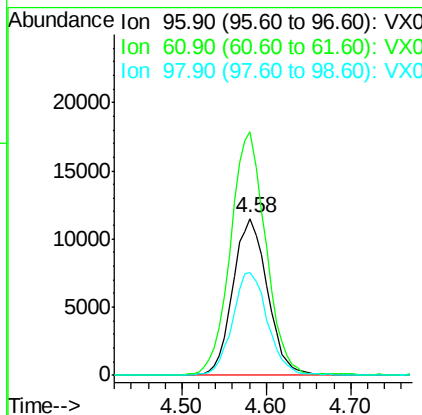
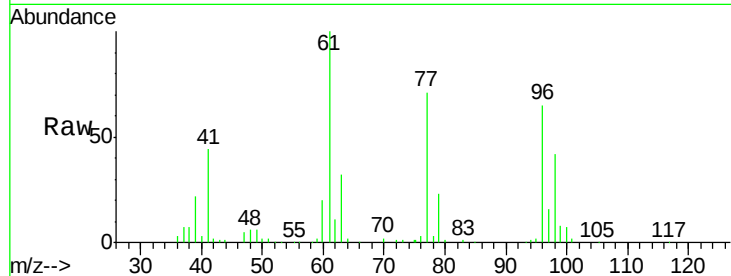
cis-1,2-Dichloroethene
Concen: 17.338 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	158.1	0.0	277.0	
98	66.5	0.0	128.4	

Manual Integrations
APPROVED

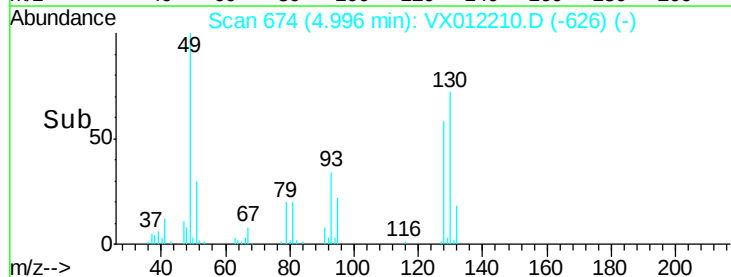
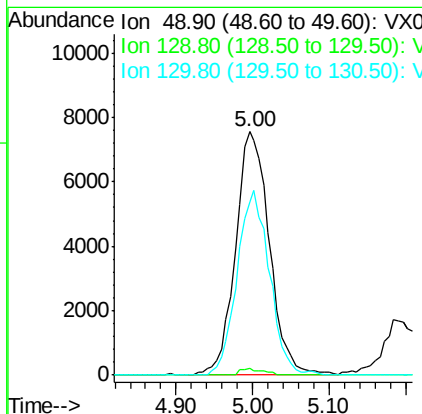
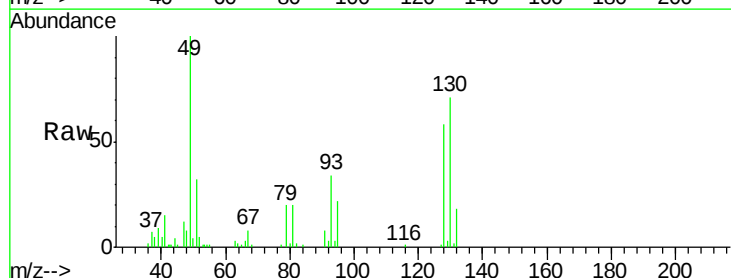
MMDadoda
9/9/2019 9:24:00 AM

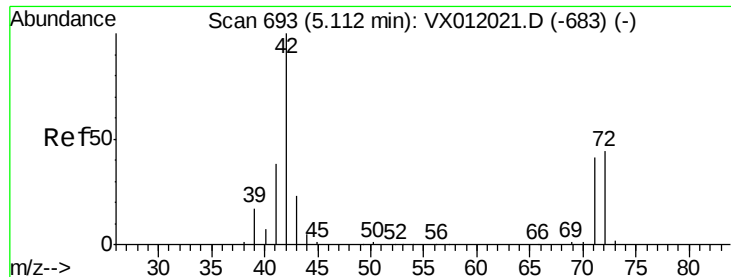


#28

Bromochloromethane
Concen: 20.252 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	5.6	
130	72.2	76.7	115.1#	





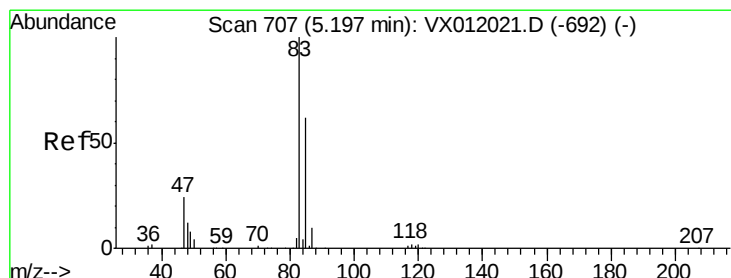
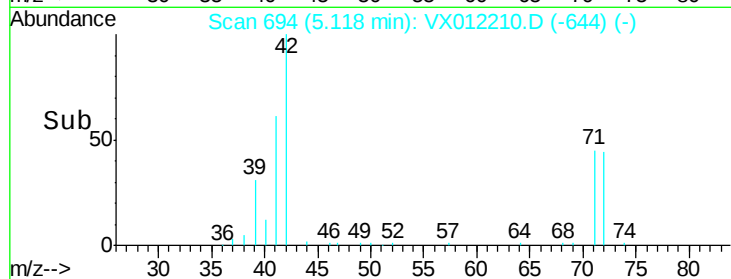
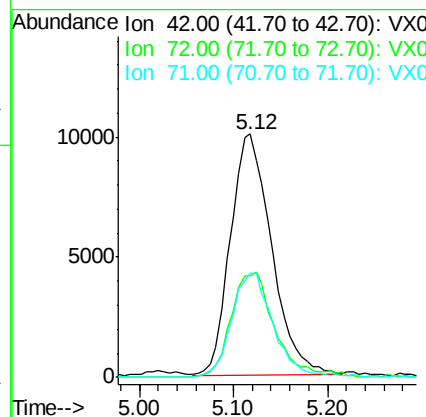
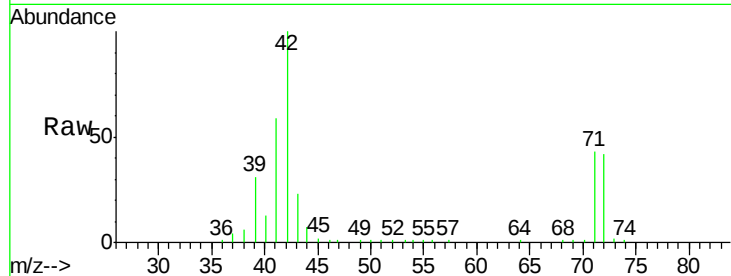
#29
Tetrahydrofuran
Concen: 88.565 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	37.0	55.4
71	44.0	33.8	50.8

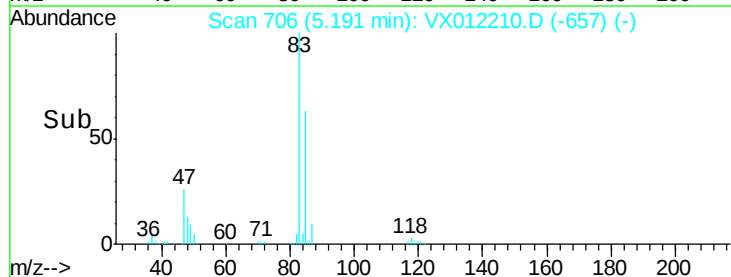
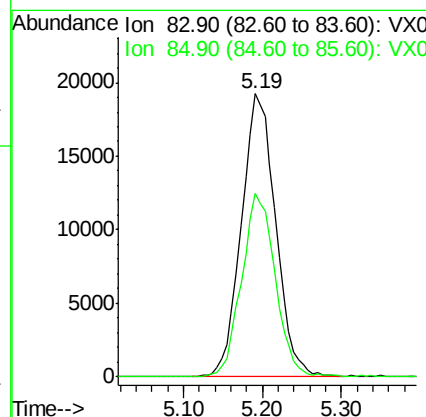
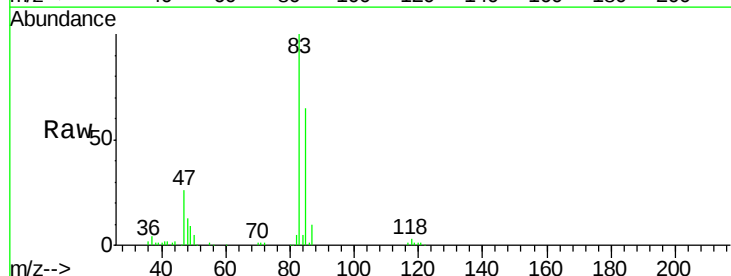
Manual Integrations
APPROVED

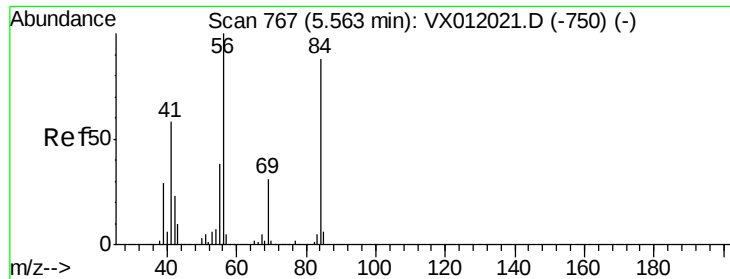
MMDadoda
9/9/2019 9:24:00 AM



#30
Chloroform
Concen: 18.868 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.6	78.8





#31

Cyclohexane

Concen: 17.718 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

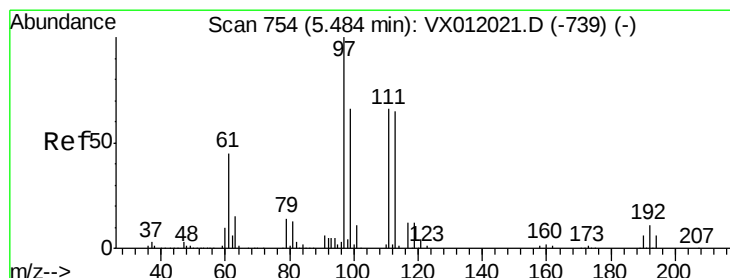
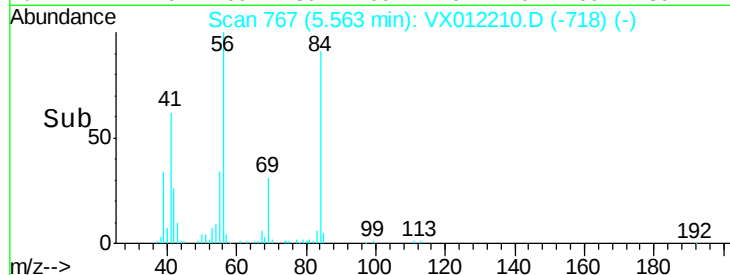
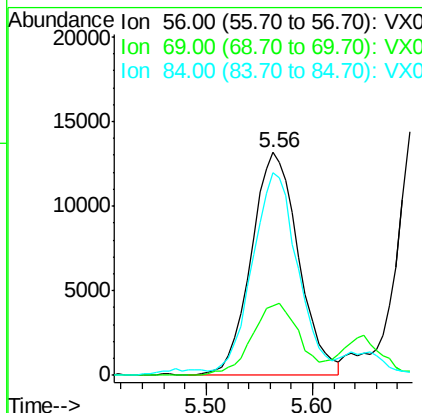
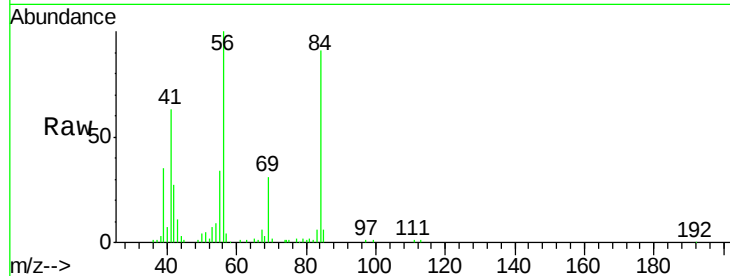
ClientSampleId :

VX0907SBS03

Tot Ion:	56	Resp:	40849
Ion	Ratio	Lower	Upper
56	100		
69	30.6	25.7	38.5
84	87.7	70.3	105.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.872 ug/l

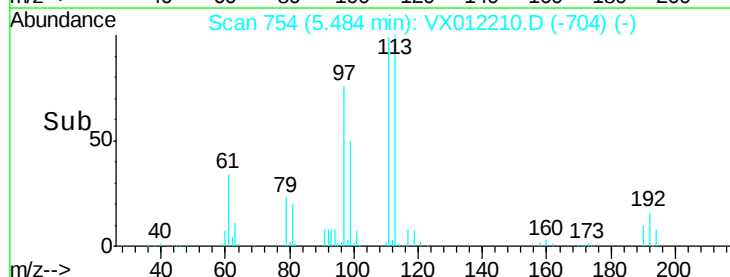
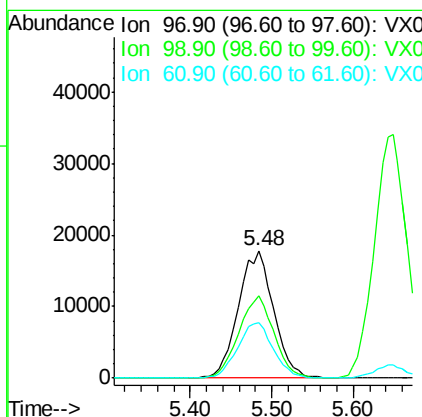
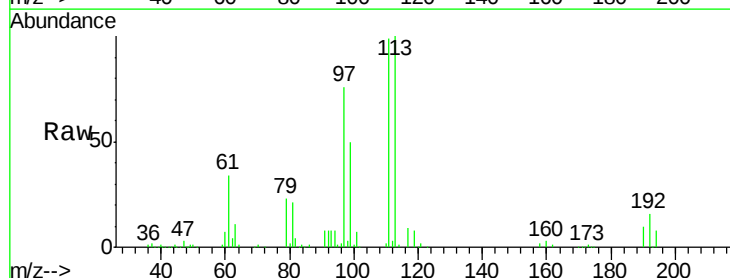
RT: 5.48 min Scan# 754

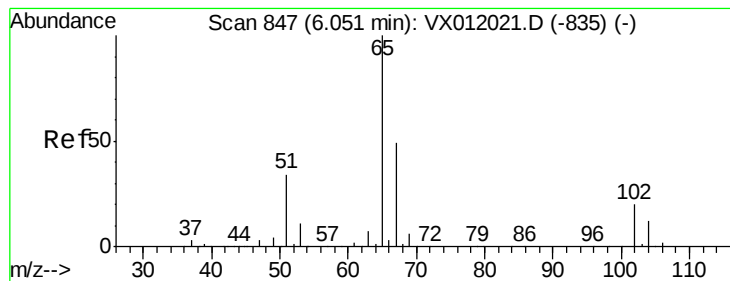
Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion:	97	Resp:	53312
Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.1	78.1
61	44.5	32.8	49.2





#33

1,2-Dichloroethane-d4

Concen: 42.433 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

Tot Ion: 65 Resp: 79796

Ion Ratio Lower Upper

65 100

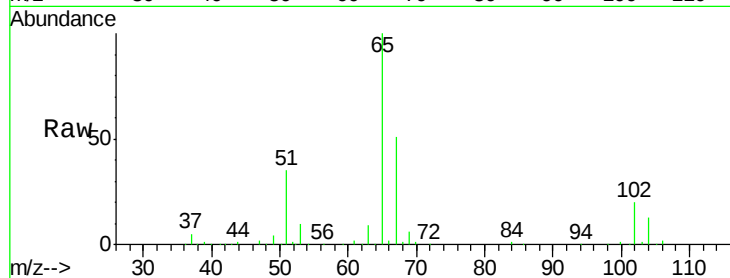
67 50.7 0.0 102.0

Manual Integrations

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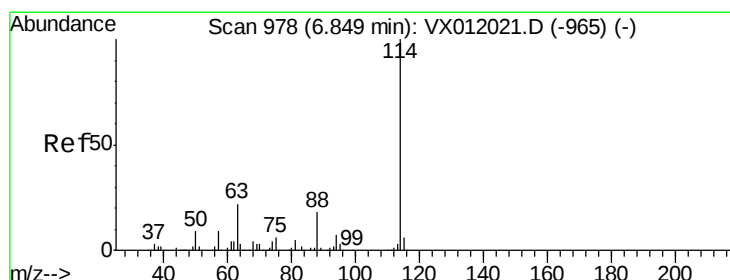
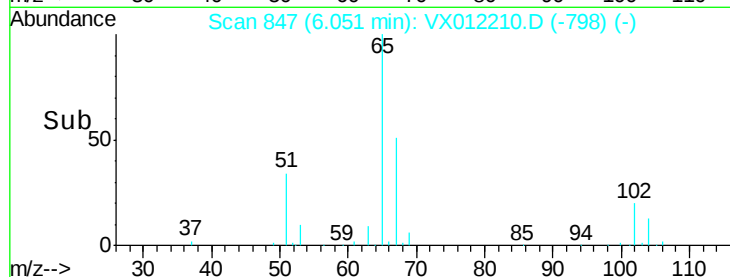
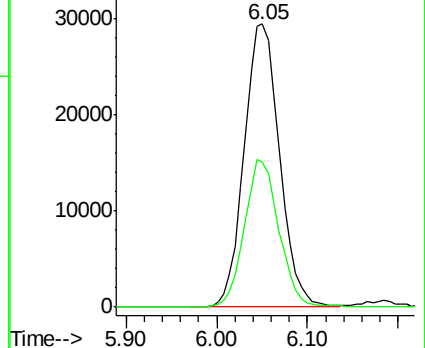
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

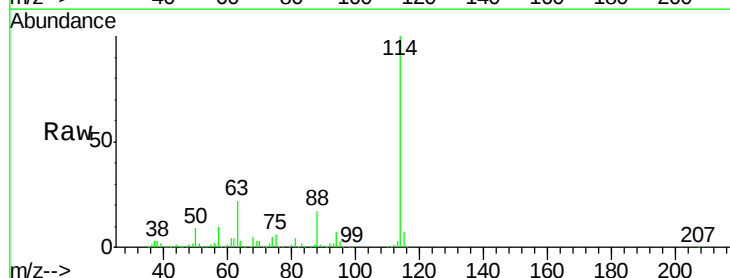
Tgt Ion: 114 Resp: 231372

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.4

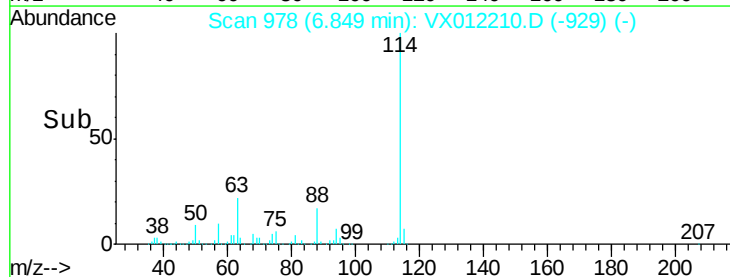
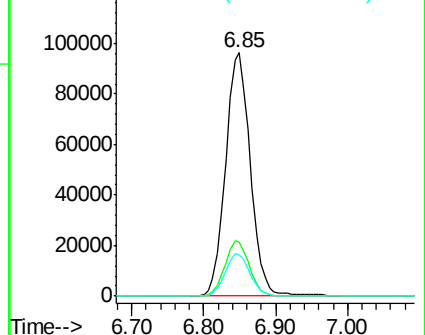
88 17.1 0.0 29.6

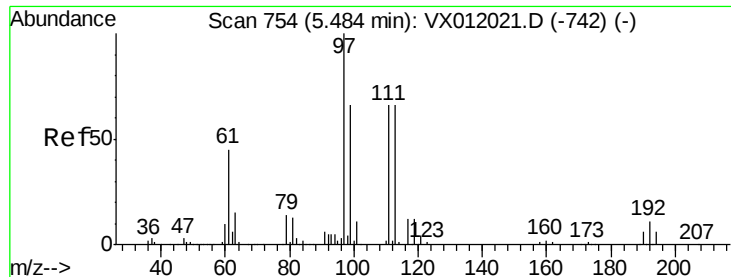


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





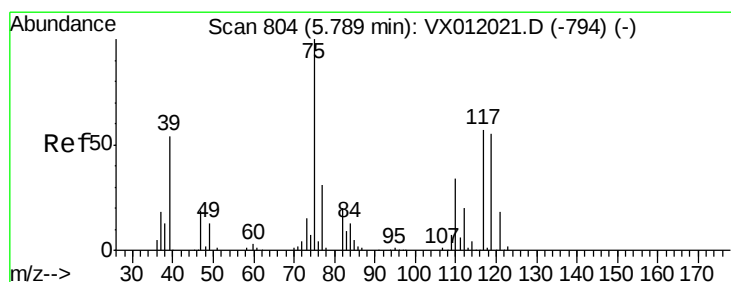
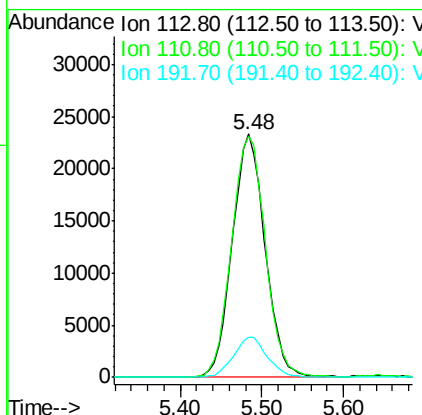
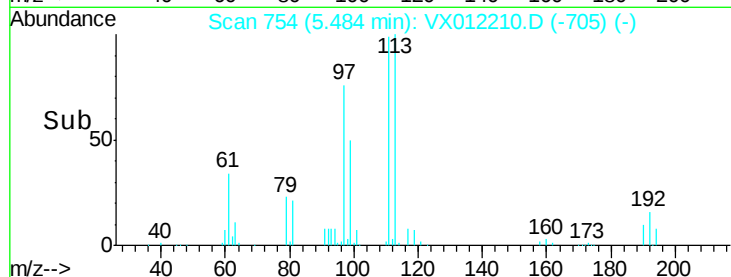
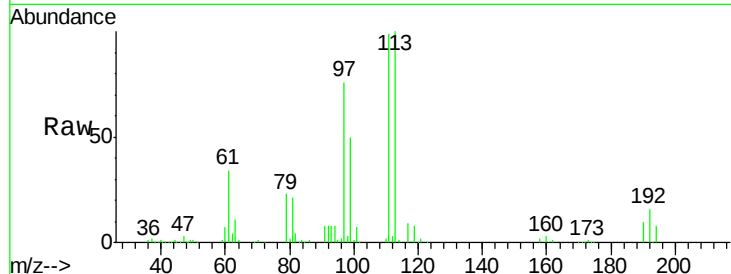
#35
Dibromofluoromethane
Concen: 45.570 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tot Ion	Ratio	Resp	Lower	Upper
113	100	64840		
111	102.4	81.7	122.5	
192	17.0	22.5	33.7	

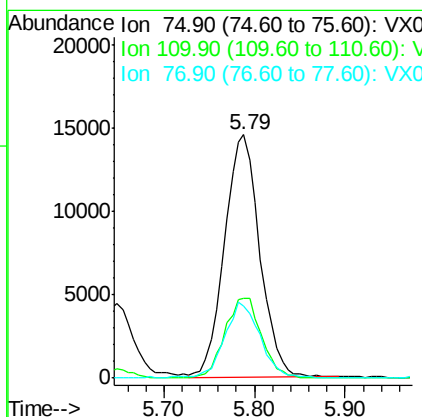
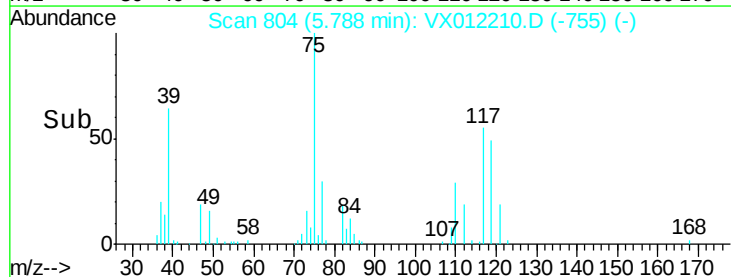
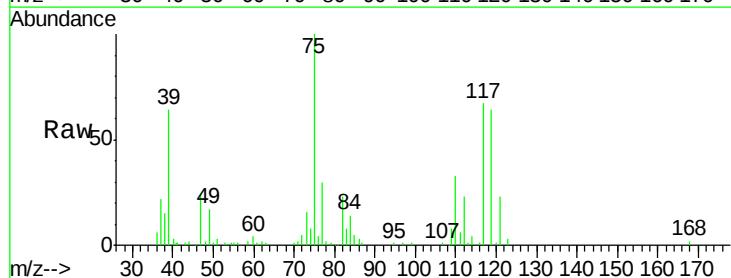
Manual Integrations
APPROVED

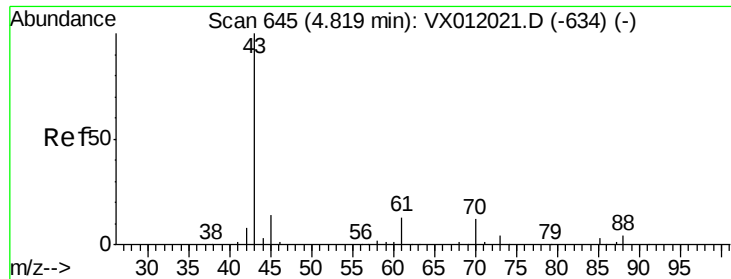
MMDadoda
9/9/2019 9:24:00 AM



#36
1,1-Dichloropropene
Concen: 19.307 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	39345		
110	34.2	19.5	58.5	
77	31.9	24.6	37.0	





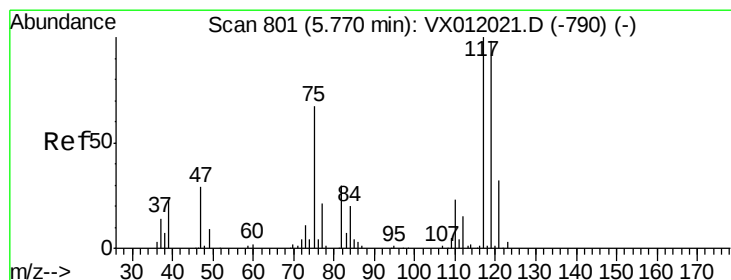
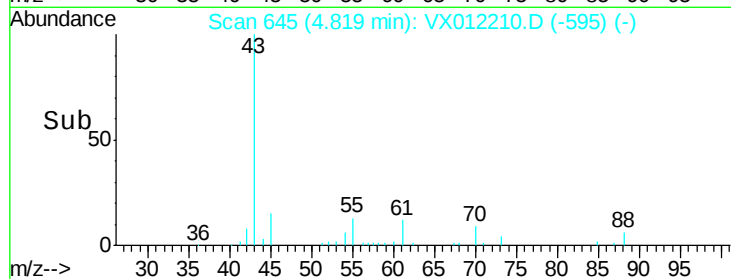
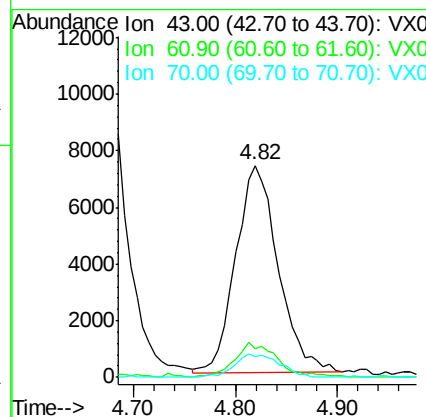
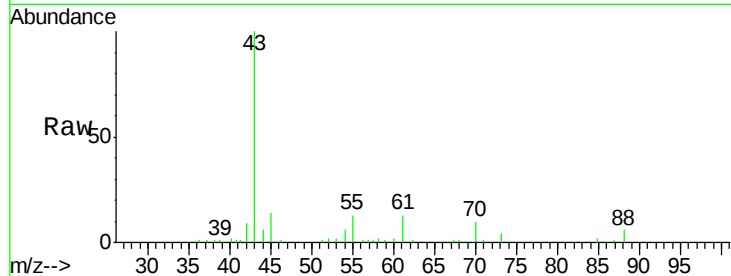
#37
Ethyl Acetate
Concen: 19.067 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.0	10.9	16.3#
70	11.8	9.4	14.0

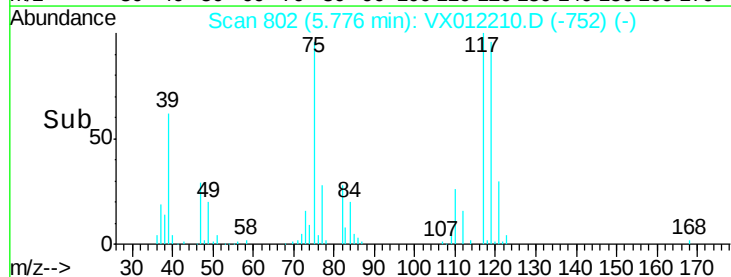
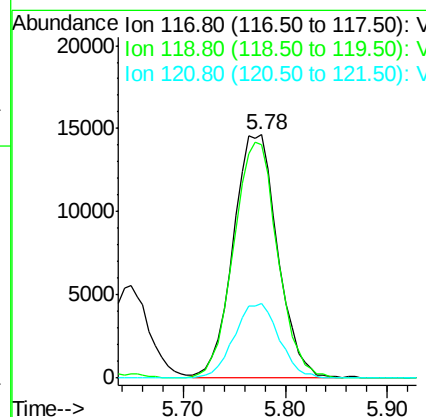
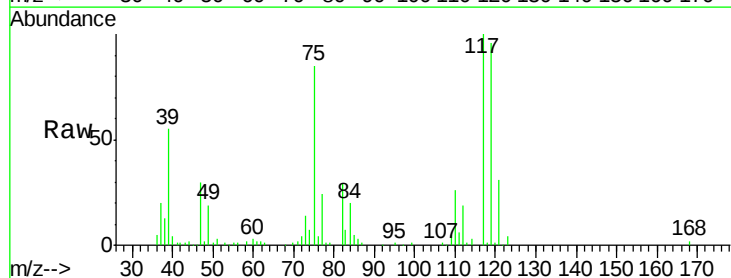
Manual Integrations
APPROVED

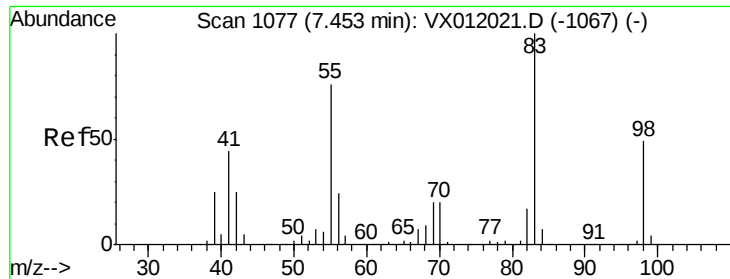
MMDadoda
9/9/2019 9:24:00 AM



#38
Carbon Tetrachloride
Concen: 20.417 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	78.3	117.5
121	30.8	24.2	36.2





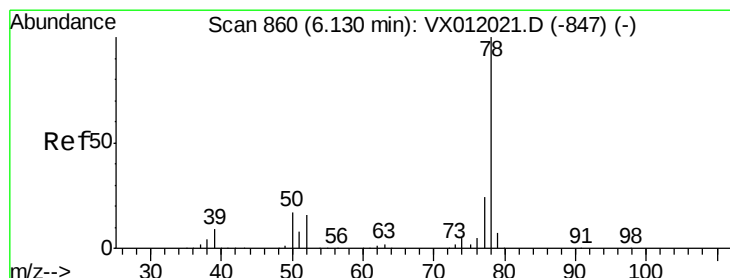
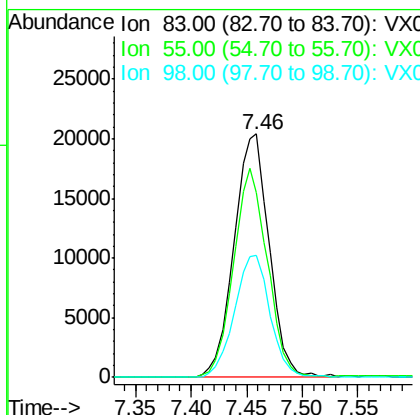
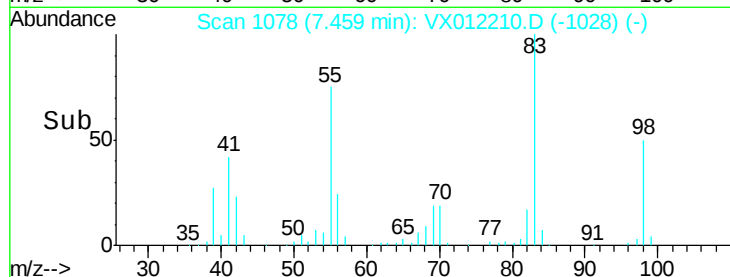
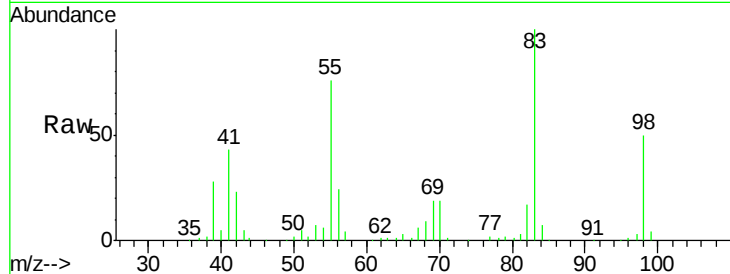
#39
Methvlcvclohexane
Concen: 18.858 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	59.6	89.4
98	50.0	41.4	62.0

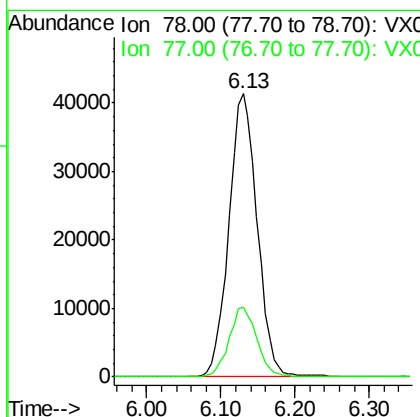
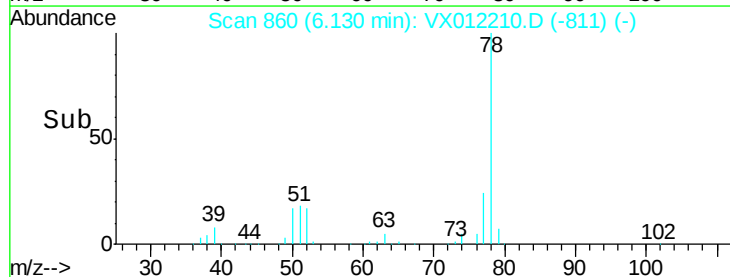
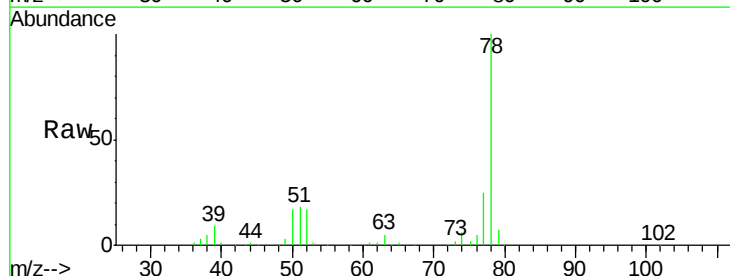
Manual Integrations
APPROVED

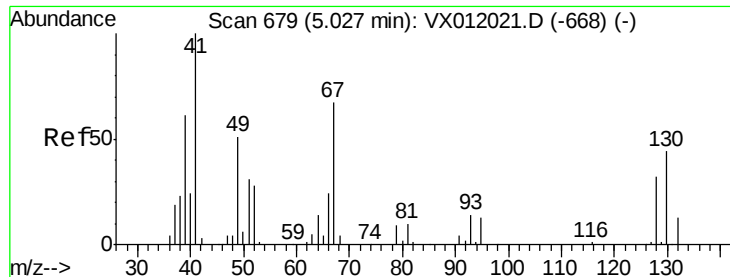
MMDadoda
9/9/2019 9:24:00 AM



#40
Benzene
Concen: 18.804 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.3	28.9





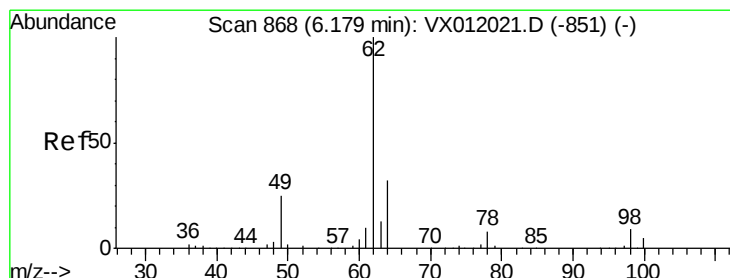
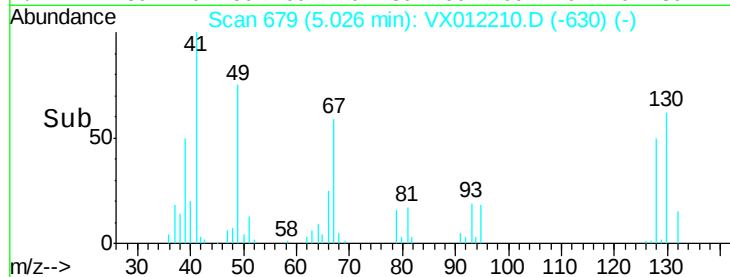
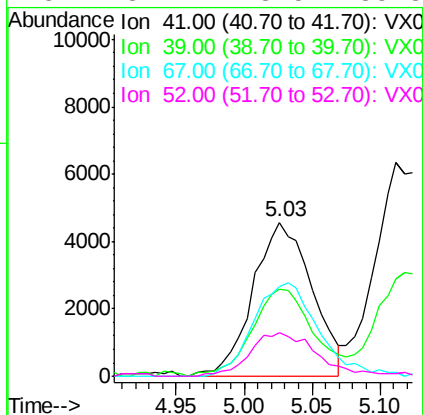
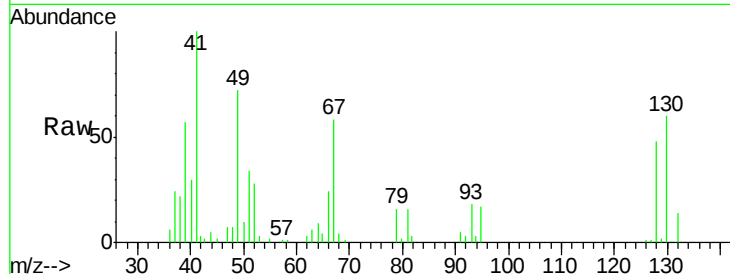
#41
Methacrylonitrile
Concen: 20.892 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	59.2	46.7	70.1	
67	66.4	57.0	85.6	
52	32.7	23.5	35.3	

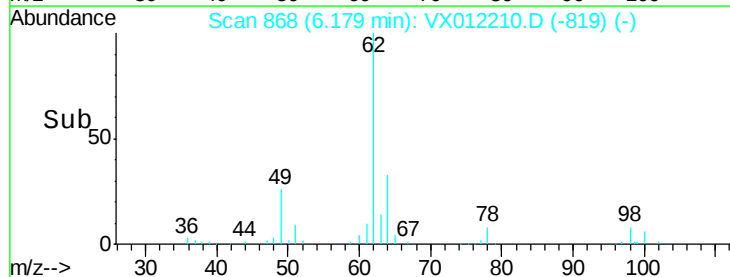
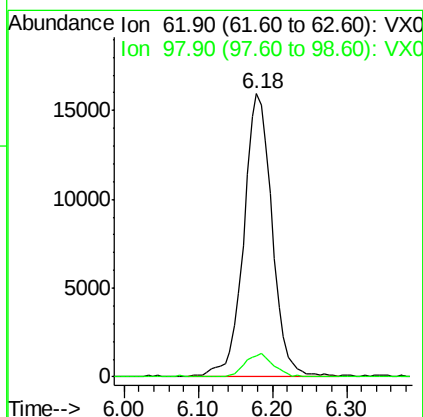
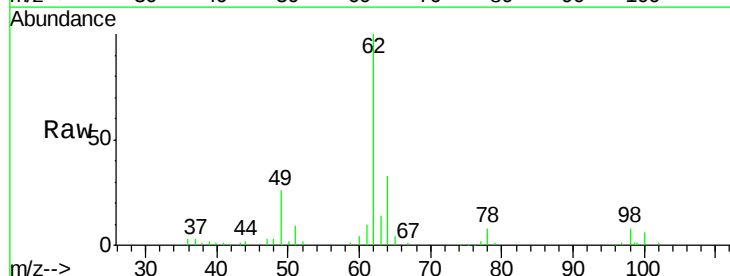
Manual Integrations
APPROVED

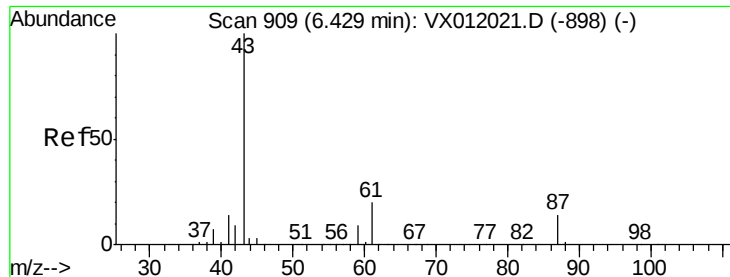
MMDadoda
9/9/2019 9:24:00 AM



#42
1,2-Dichloroethane
Concen: 20.312 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	19.2	





#43

Isopropyl Acetate

Concen: 19.541 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

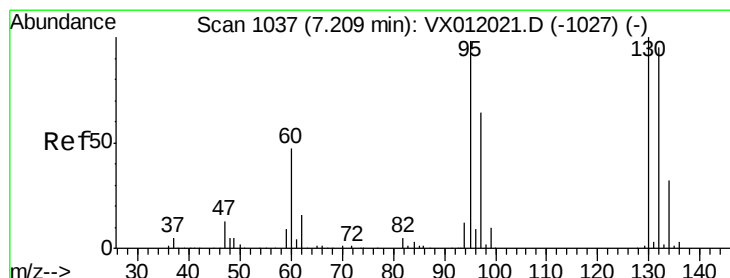
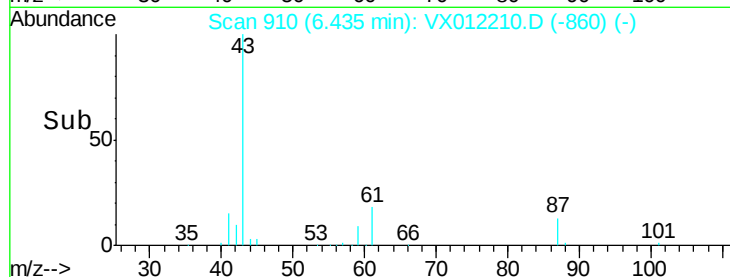
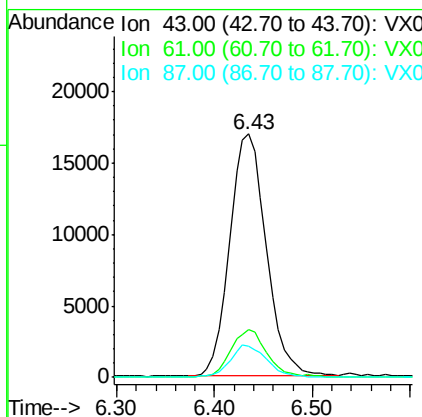
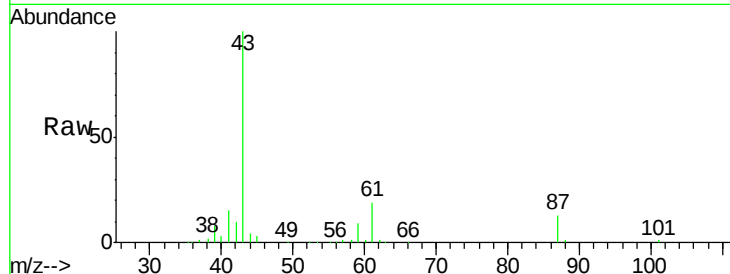
ClientSampleId :

VX0907SBS03

Tot Ion:	43	Resp:	44029
Ion	Ratio	Lower	Upper
43	100		
61	19.7	16.1	24.1
87	13.5	11.3	16.9

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#44

Trichloroethene

Concen: 19.174 ug/l

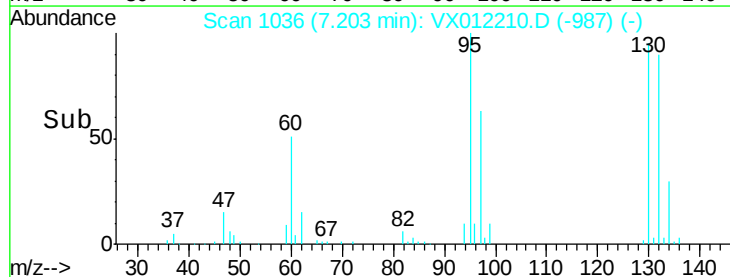
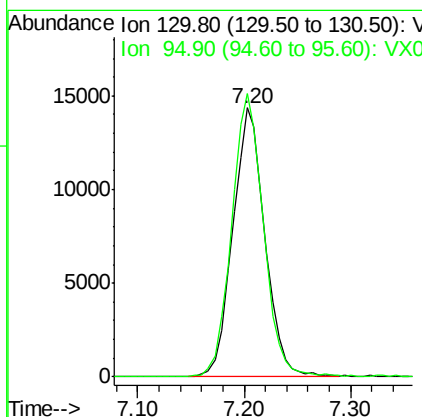
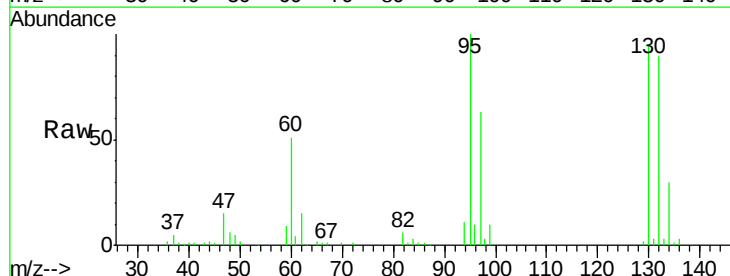
RT: 7.20 min Scan# 1036

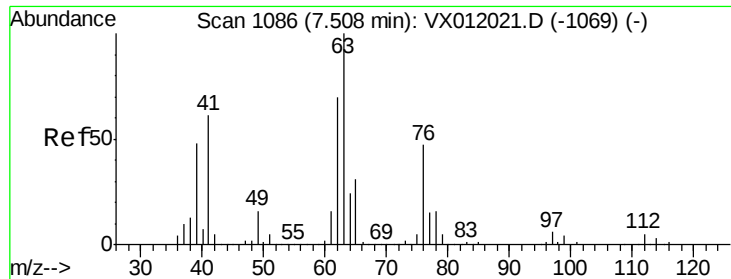
Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion:	130	Resp:	30255
Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	176.4





#45

1,2-Dichloropropane

Concen: 19.136 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

Tot Ion: 63 Resp: 28924

Ion Ratio Lower Upper

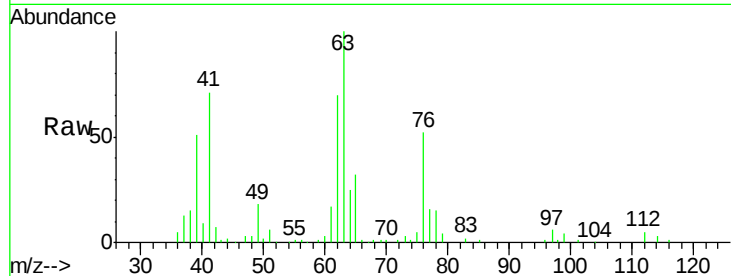
63 100

65 31.8 25.0 37.6

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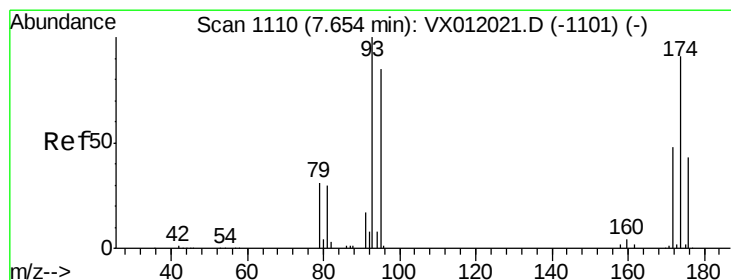
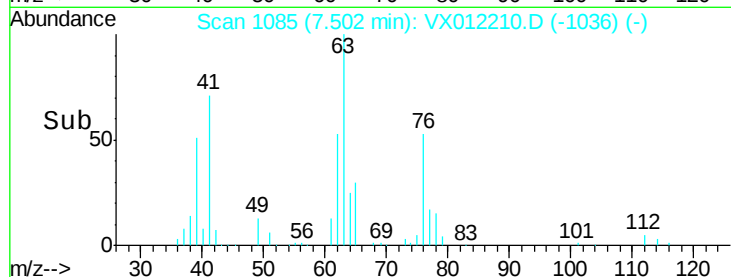
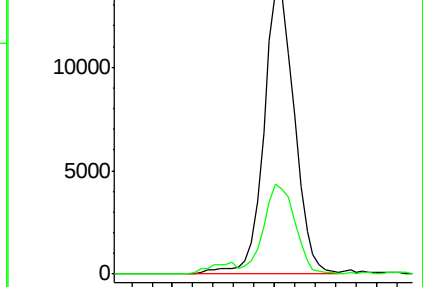
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 18.648 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

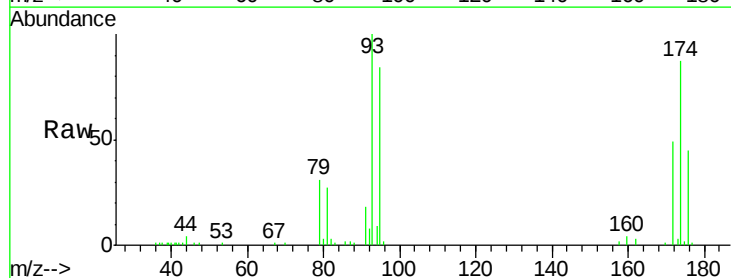
Tgt Ion: 93 Resp: 16454

Ion Ratio Lower Upper

93 100

95 86.8 66.2 99.2

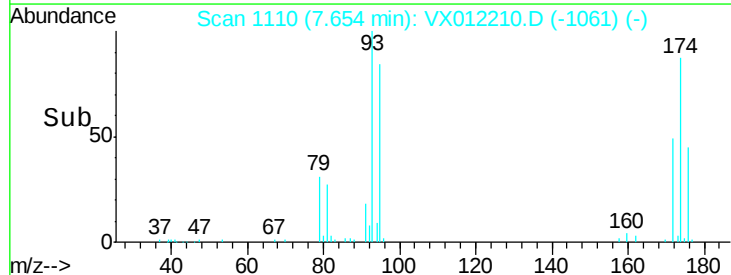
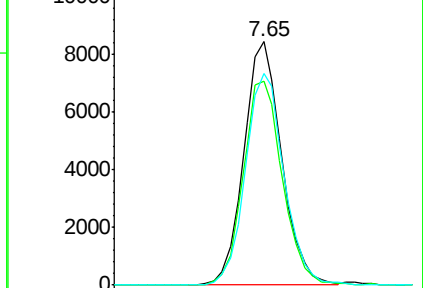
174 88.5 110.2 165.4#

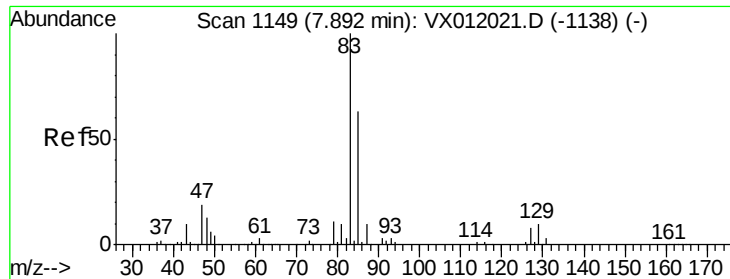


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.634 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

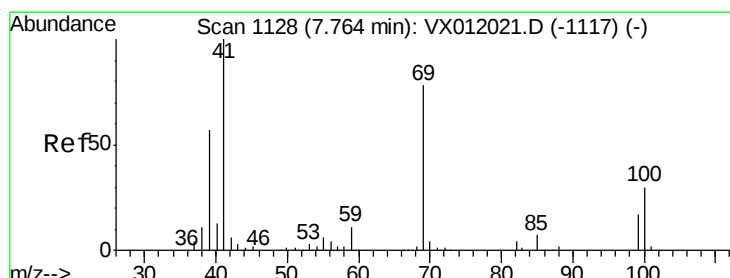
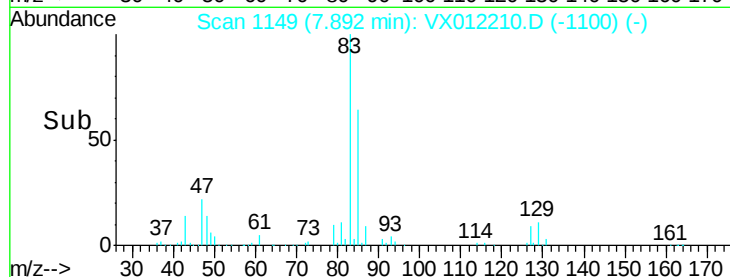
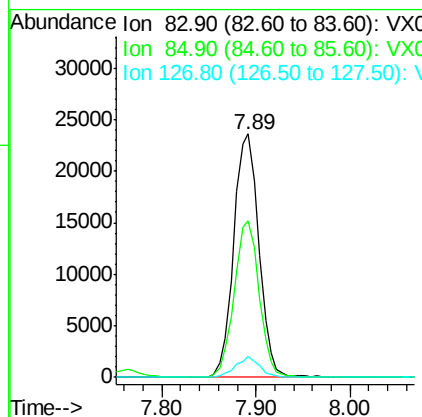
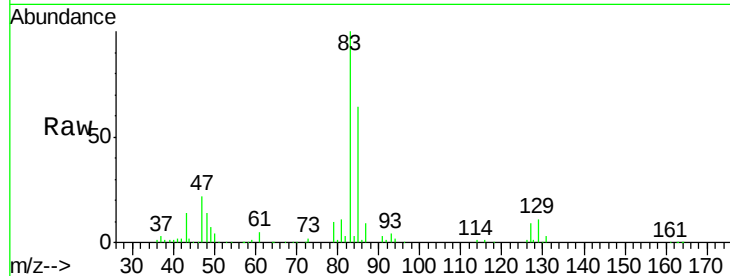
ClientSampleId :

VX0907SBSD03

Tot Ion:	83	Resp:	44034
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5
127	8.6	8.1	12.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.337 ug/l

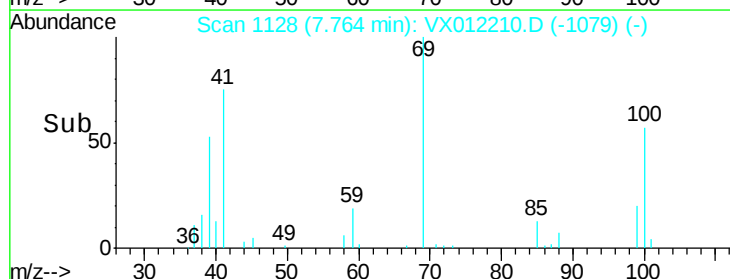
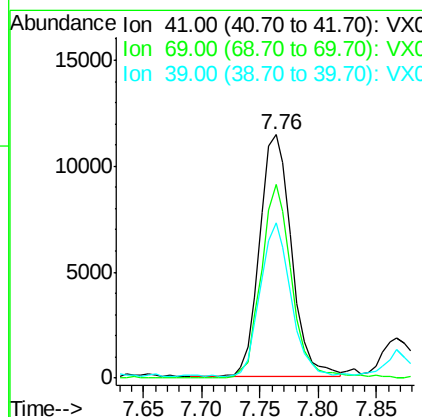
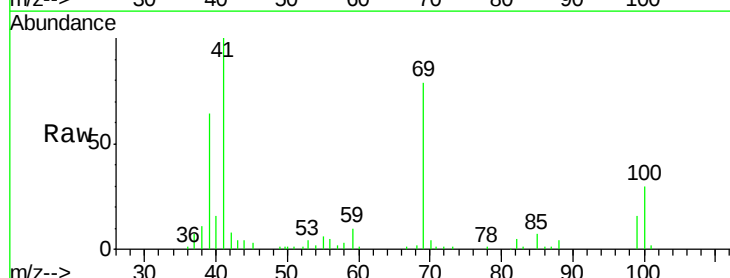
RT: 7.76 min Scan# 1128

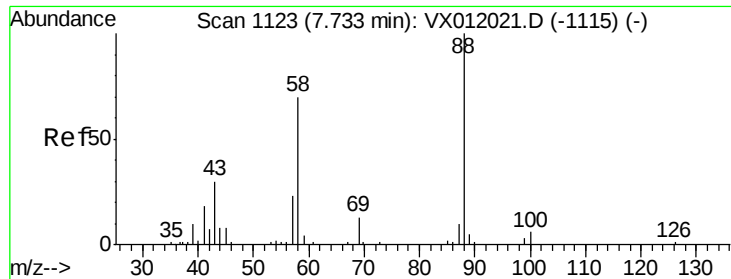
Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion:	41	Resp:	21908
Ion	Ratio	Lower	Upper
41	100		
69	77.1	66.3	99.5
39	60.6	48.1	72.1





#49

1,4-Dioxane

Concen: 370.751 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

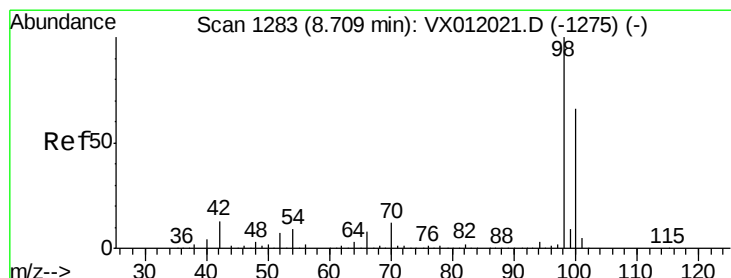
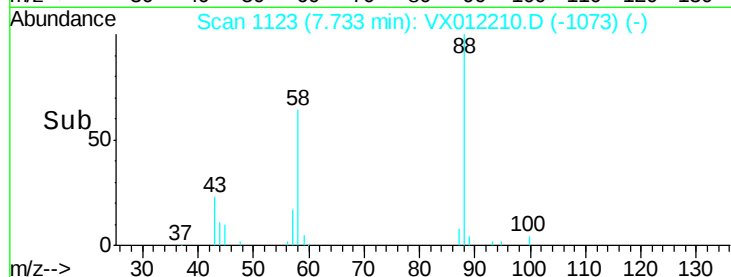
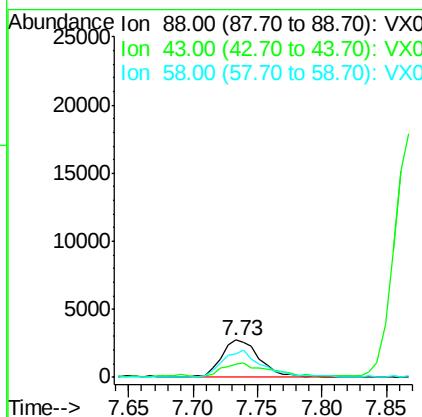
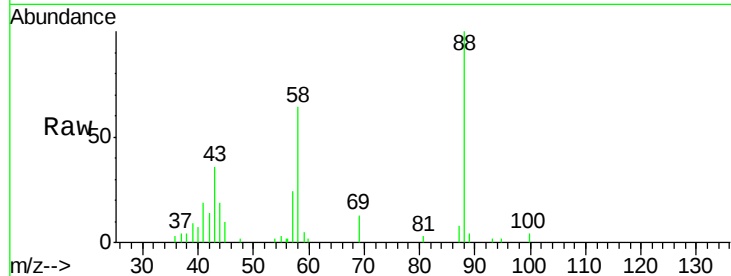
ClientSampleId :

VX0907SBS03

Tot Ion:	88	Resp:	5726
Ion	Ratio	Lower	Upper
88	100		
43	41.2	29.8	44.6
58	75.2	55.4	83.2

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#50

Toluene-d8

Concen: 46.382 ug/l

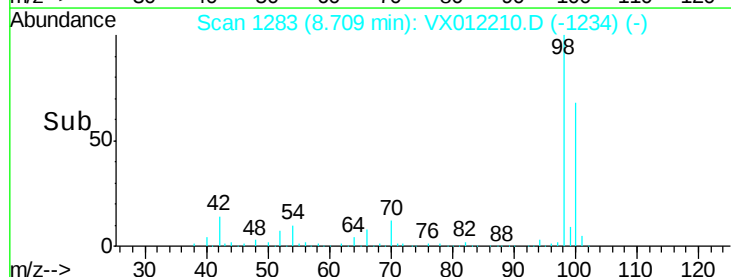
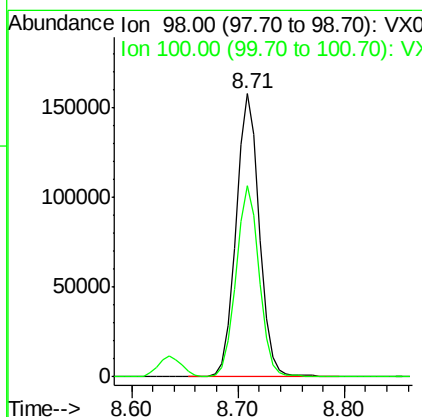
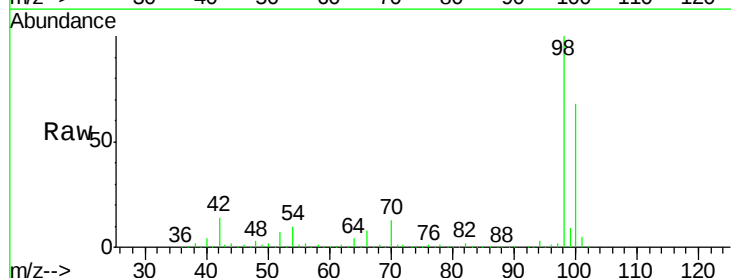
RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion:	98	Resp:	242173
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 100.908 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

Tot Ion: 43 Resp: 115648

Ion Ratio Lower Upper

43 100

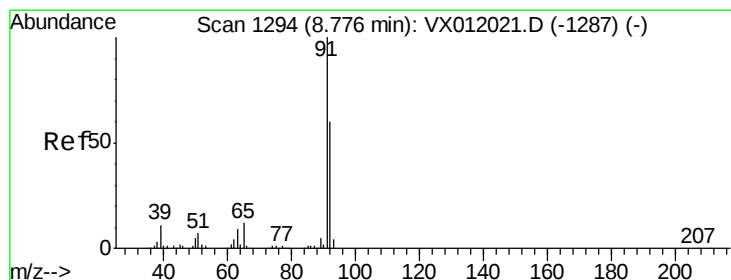
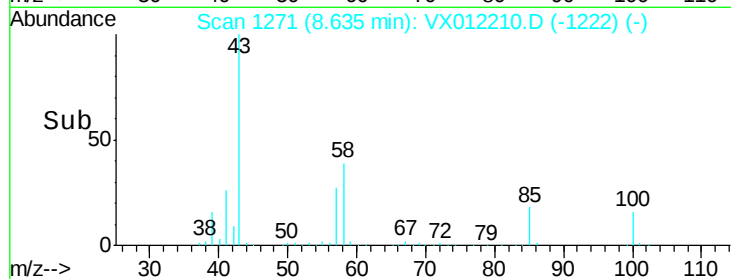
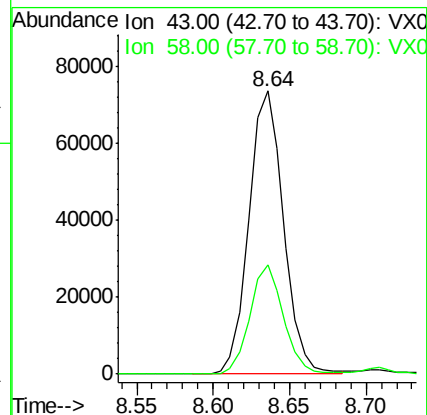
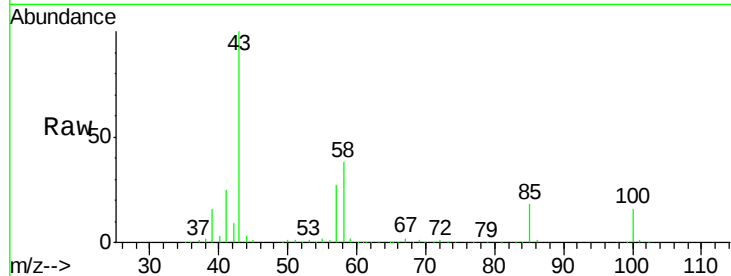
58 37.2 31.5 47.3

Manual Integrations

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#52

Toluene

Concen: 19.132 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012210.D

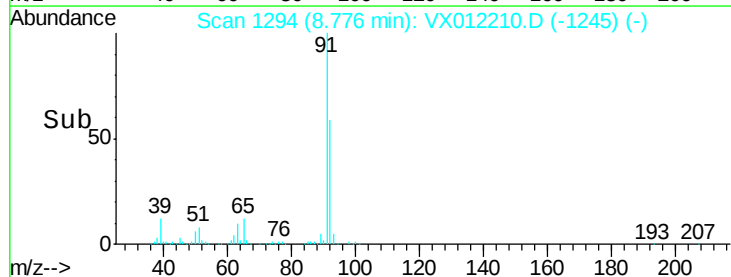
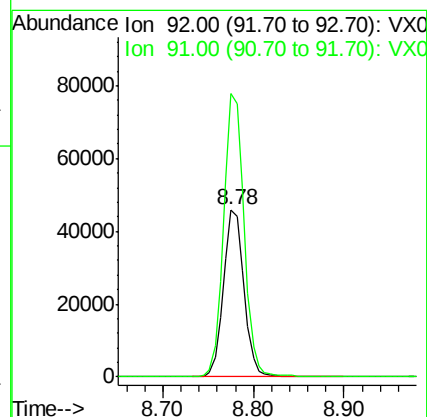
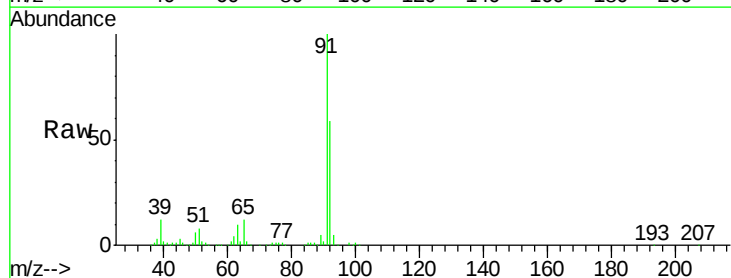
Acq: 08 Sep 2019 09:04

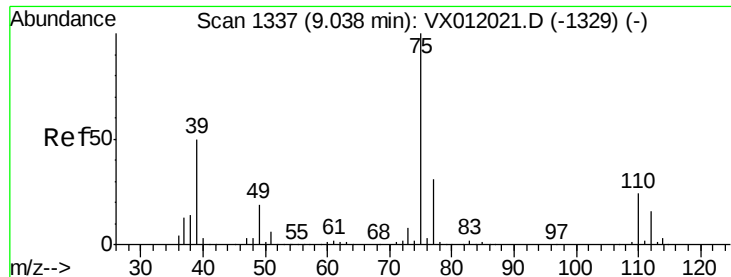
Tgt Ion: 92 Resp: 72825

Ion Ratio Lower Upper

92 100

91 168.7 136.0 204.0





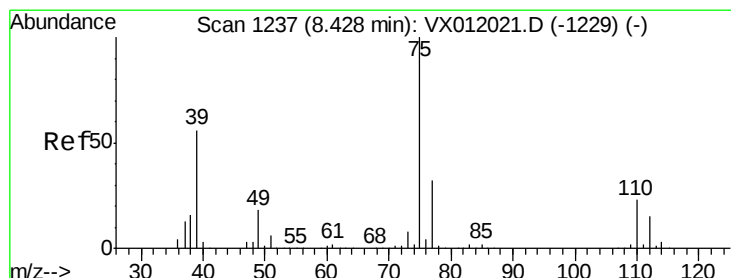
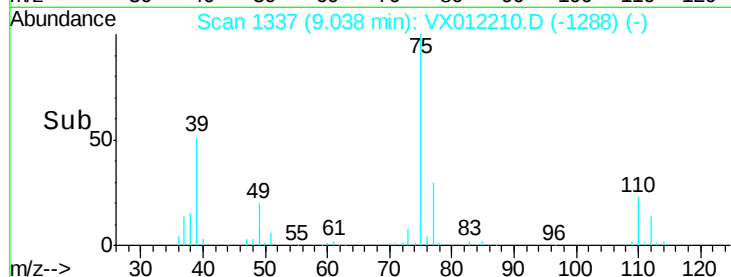
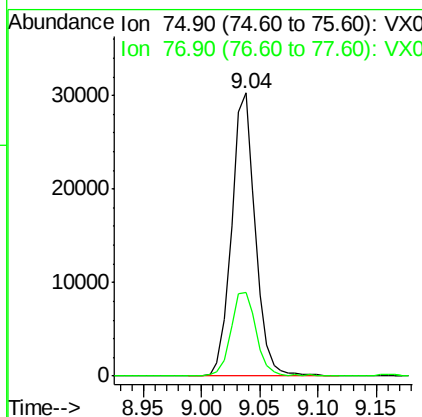
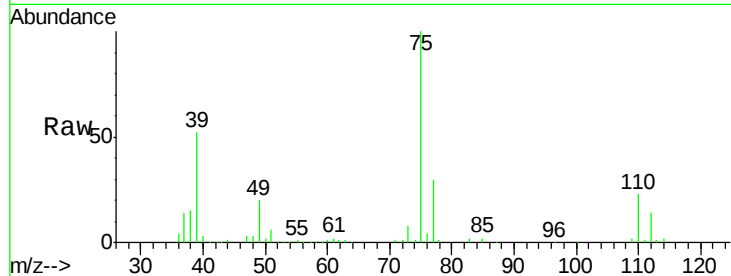
#53
t-1,3-Dichloropropene
Concen: 18.508 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

Tot Ion: 75 Resp: 42974
Ion Ratio Lower Upper
75 100
77 29.5 25.1 37.7

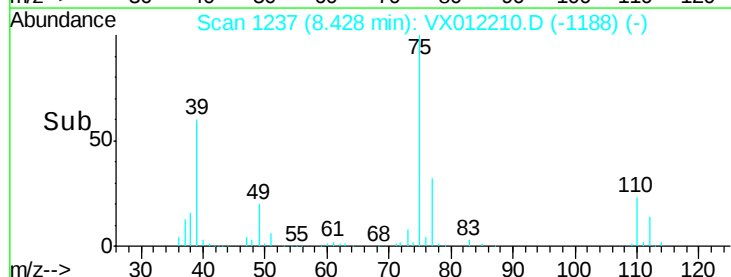
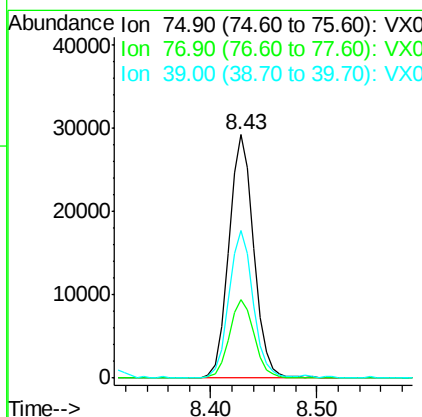
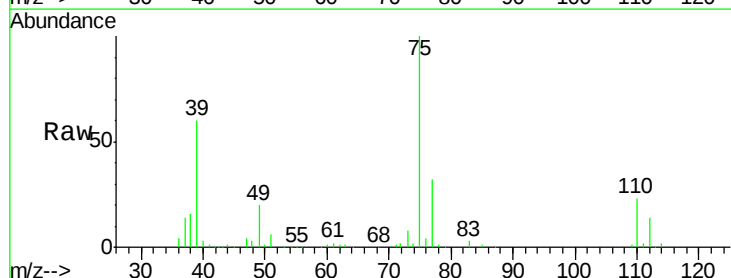
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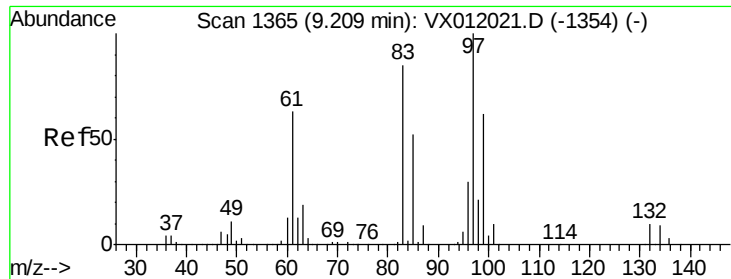
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#54
cis-1,3-Dichloropropene
Concen: 18.570 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion: 75 Resp: 47949
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3
39 60.1 43.0 64.4





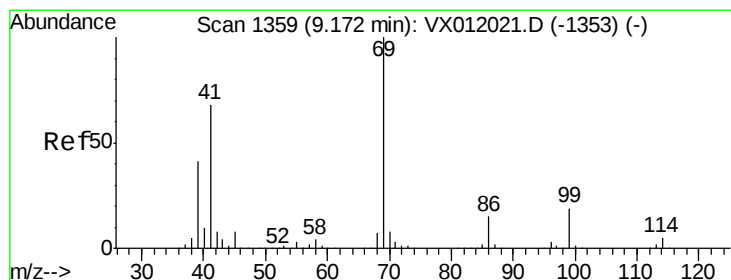
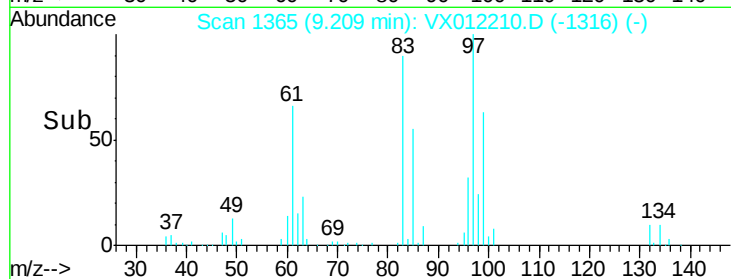
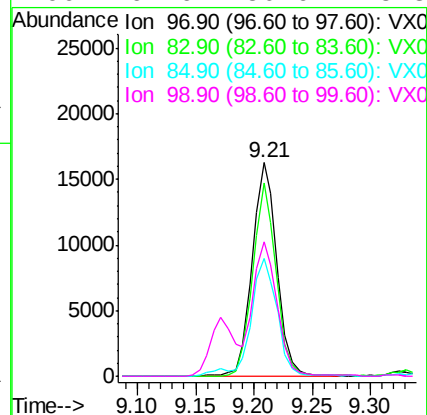
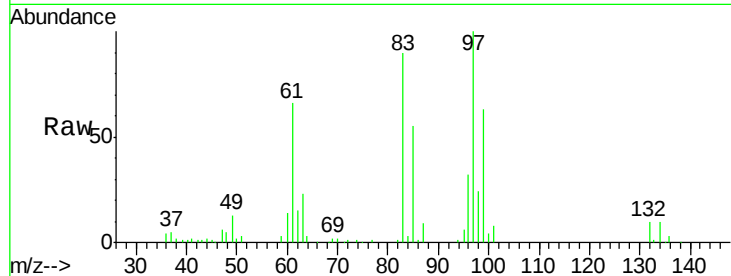
#55
 1,1,2-Trichloroethane
 Concen: 19.055 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		24037		
83	90.3		66.0	99.0	
85	55.1		41.0	61.6	
99	62.6		50.6	75.8	

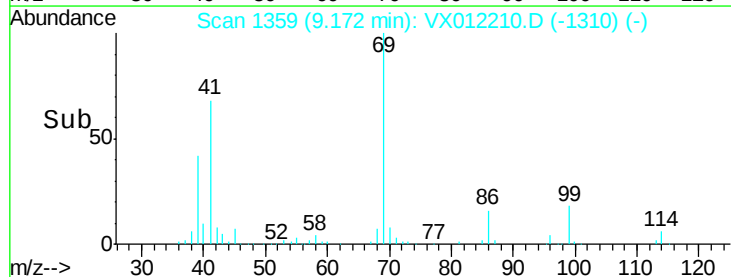
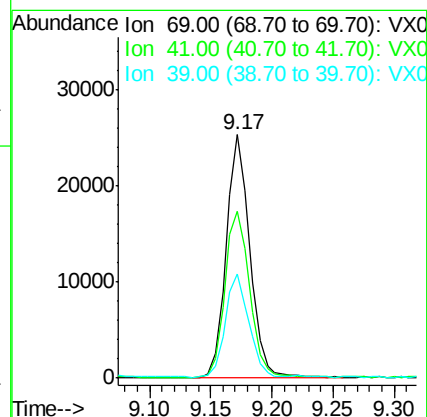
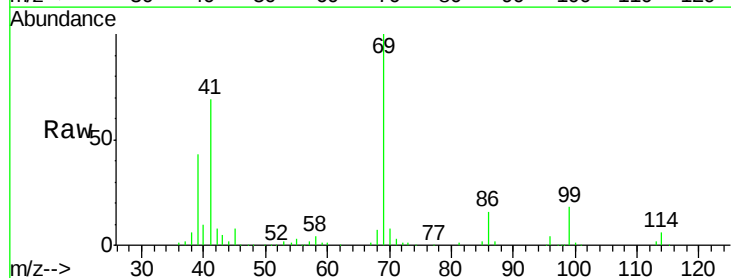
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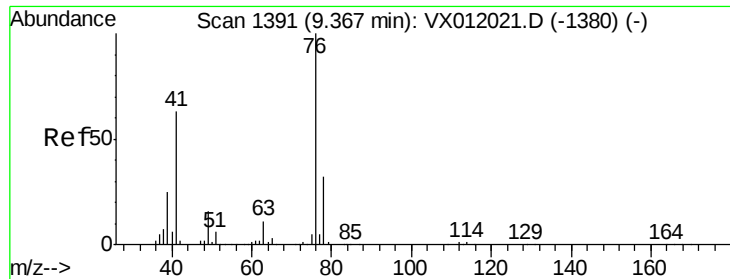
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#56
 Ethyl methacrylate
 Concen: 18.917 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		34180		
41	73.2		53.9	80.9	
39	41.6		31.1	46.7	





#57

1,3-Dichloropropane

Concen: 19.252 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBSD03

Tot Ion: 76 Resp: 41906

Ion Ratio Lower Upper

76 100

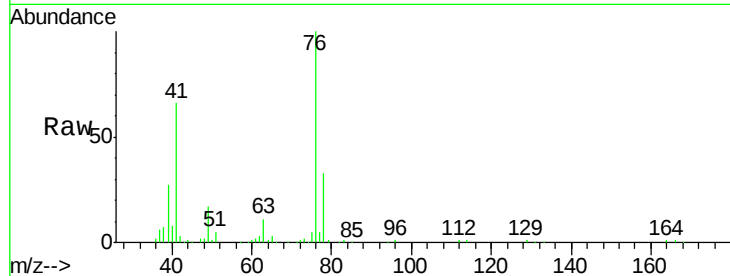
78 33.2 25.5 38.3

Manual Integrations

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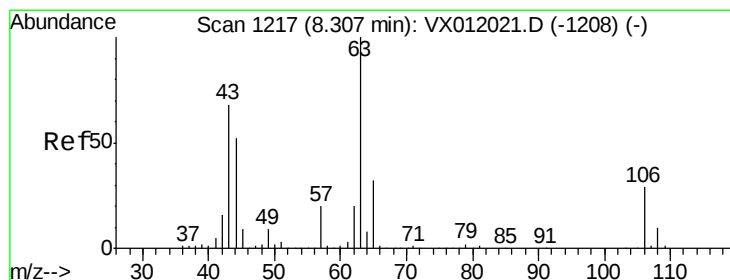
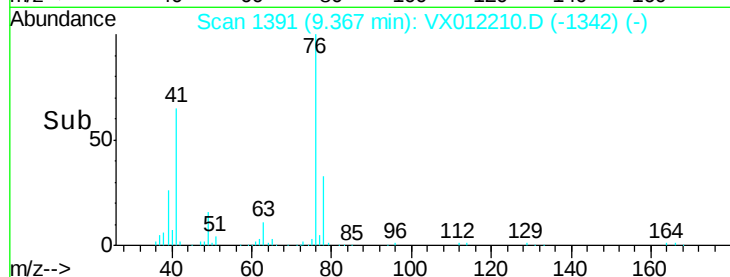
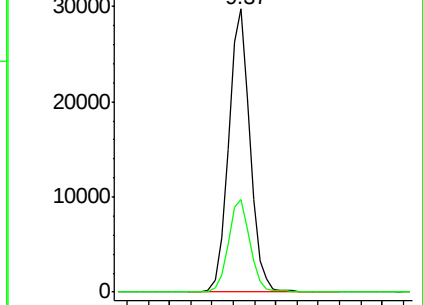
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 94.155 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012210.D

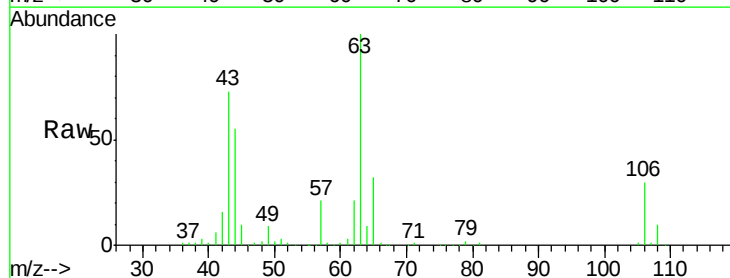
Acq: 08 Sep 2019 09:04

Tgt Ion: 63 Resp: 76699

Ion Ratio Lower Upper

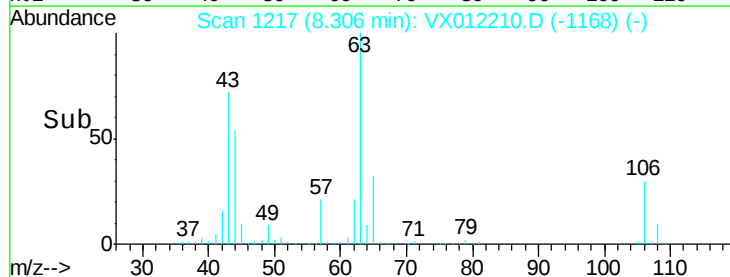
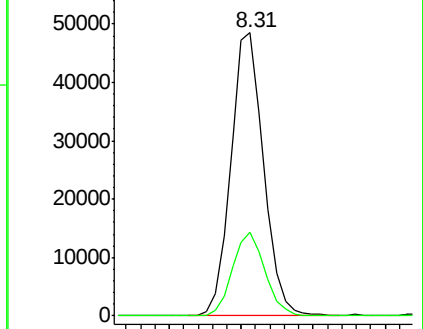
63 100

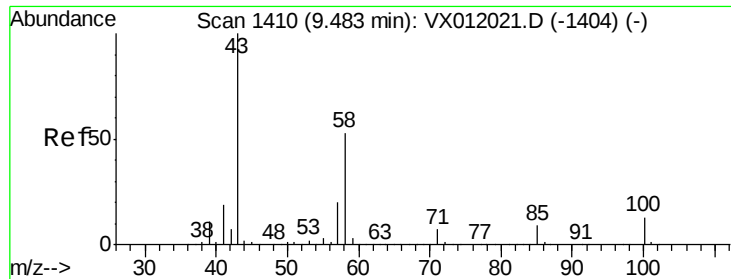
106 29.4 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





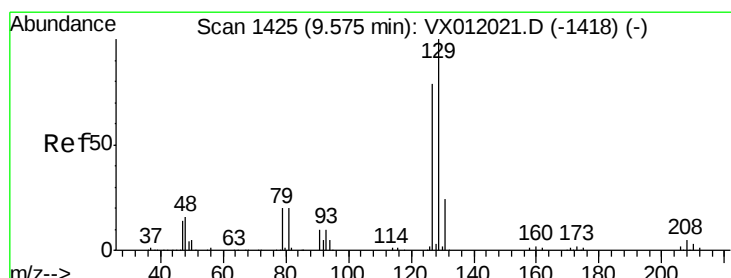
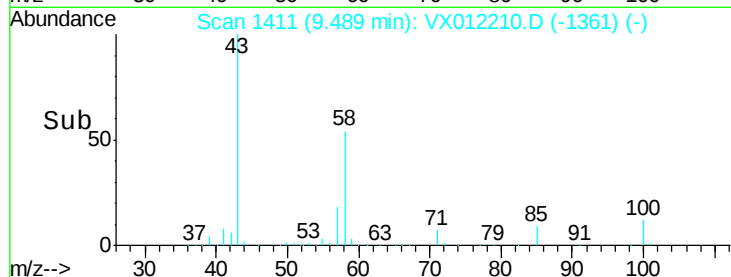
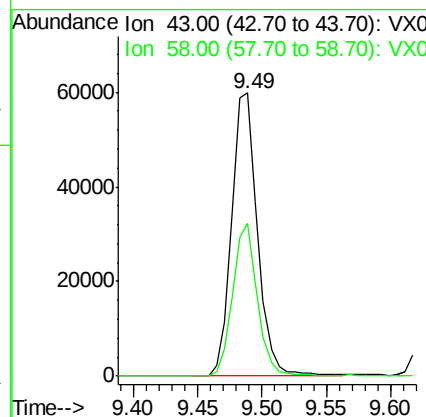
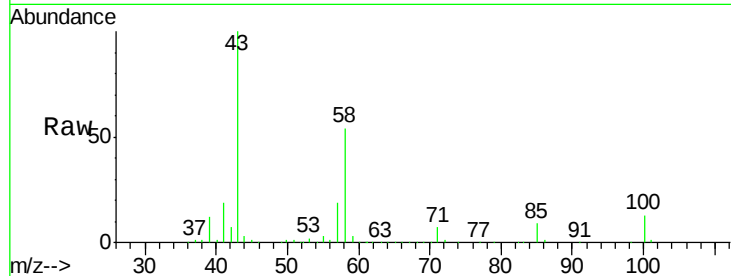
#59
2-Hexanone
Concen: 101.475 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tot Ion: 43 Resp: 84860
Ion Ratio Lower Upper
43 100
58 51.2 27.2 81.6

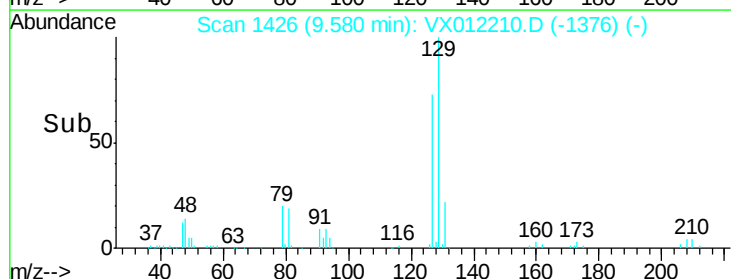
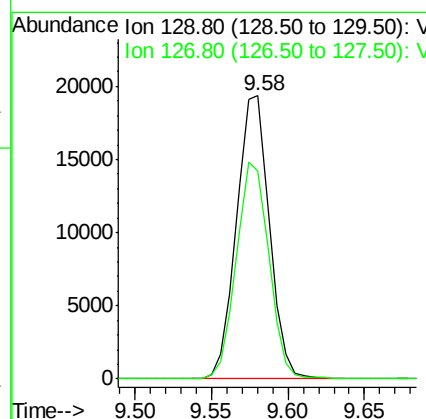
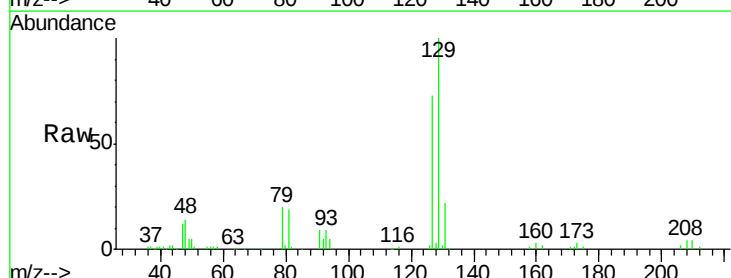
Manual Integrations
APPROVED

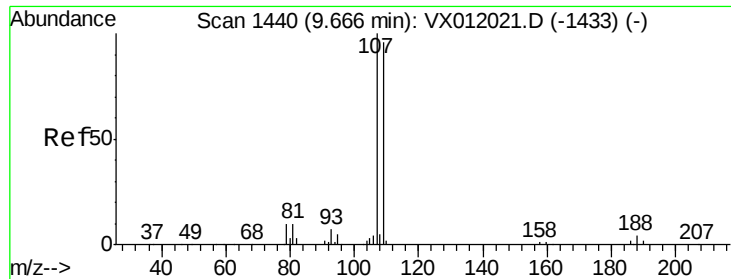
MMDadoda
9/9/2019 9:24:00 AM



#60
Dibromochloromethane
Concen: 19.211 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion: 129 Resp: 28882
Ion Ratio Lower Upper
129 100
127 76.0 38.1 114.5





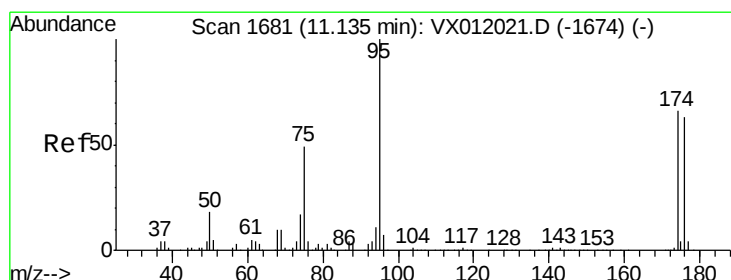
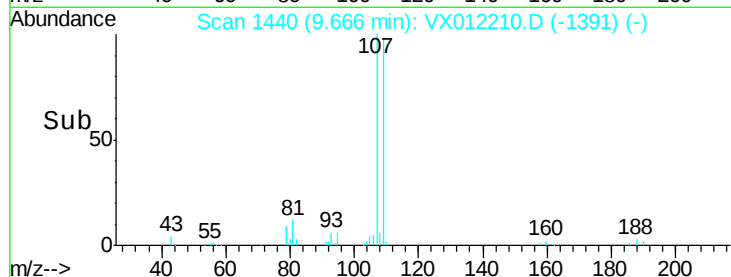
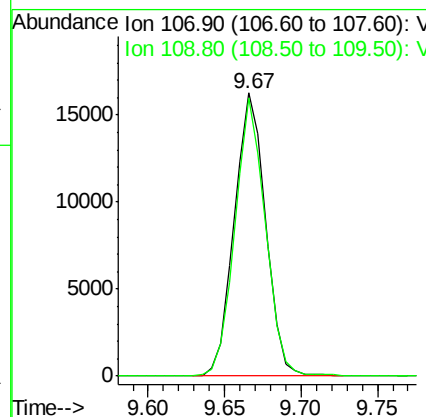
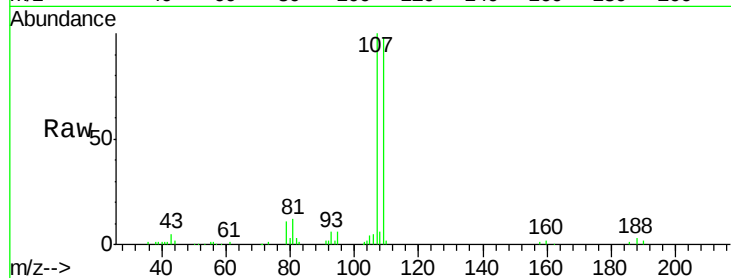
#61
 1,2-Dibromoethane
 Concen: 18.881 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.9	115.3

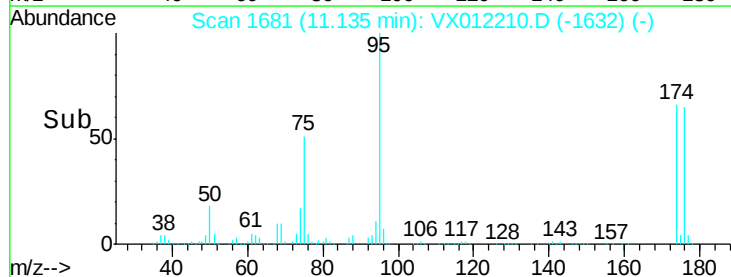
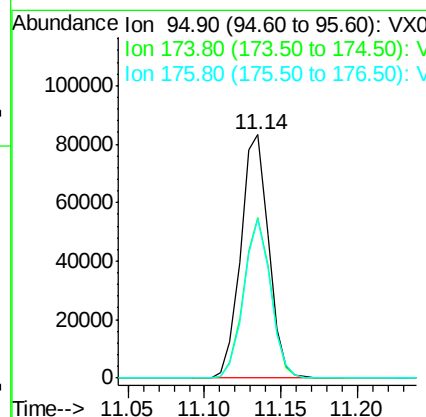
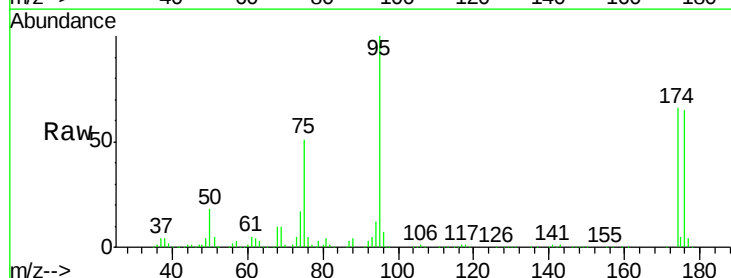
Manual Integrations
 APPROVED

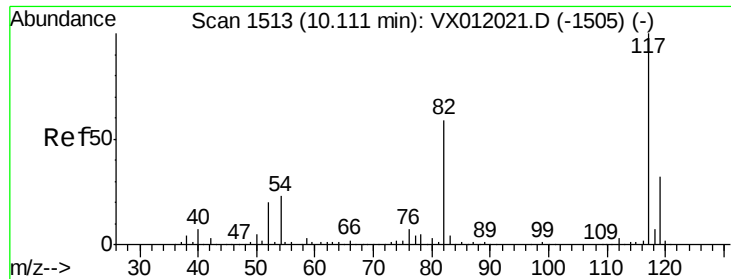
MMDadoda
 9/9/2019 9:24:00 AM



#62
 4-Bromofluorobenzene
 Concen: 43.285 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.2	0.0	205.4
176	62.7	0.0	201.8





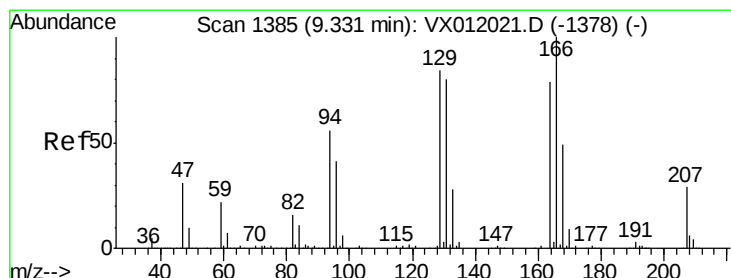
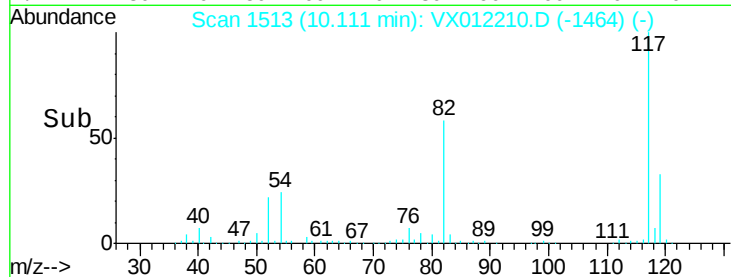
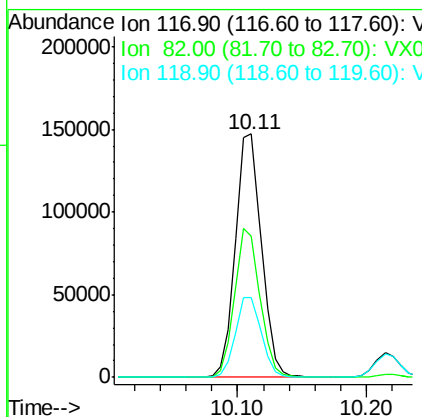
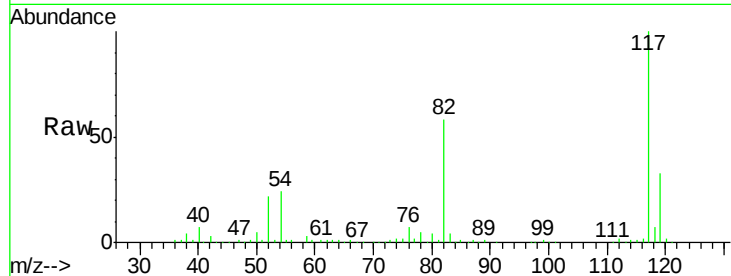
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tot Ion	Ratio	Resp	Lower	Upper
117	100	208086		
82	57.8	39.4	59.0	
119	32.7	26.1	39.1	

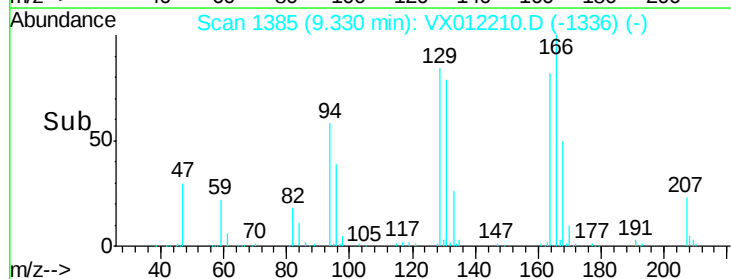
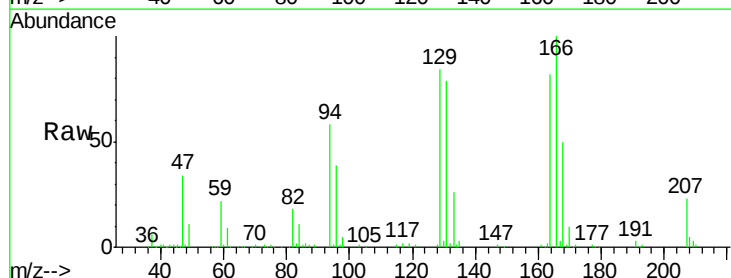
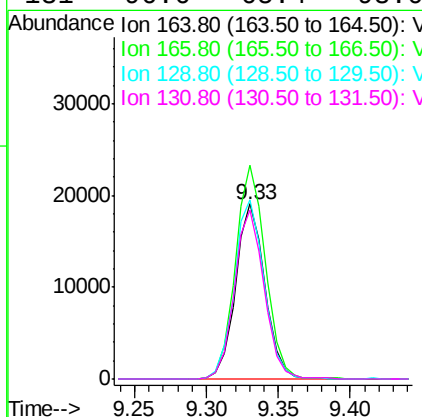
Manual Integrations
APPROVED

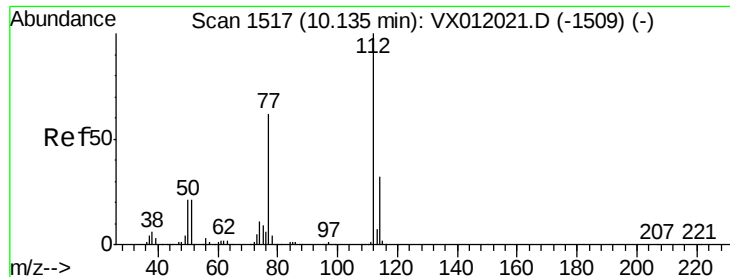
MMDadoda
9/9/2019 9:24:00 AM



#64
Tetrachloroethene
Concen: 20.787 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	26967		
166	122.0	104.3	156.5	
129	102.6	68.3	102.5#	
131	96.6	65.4	98.0	





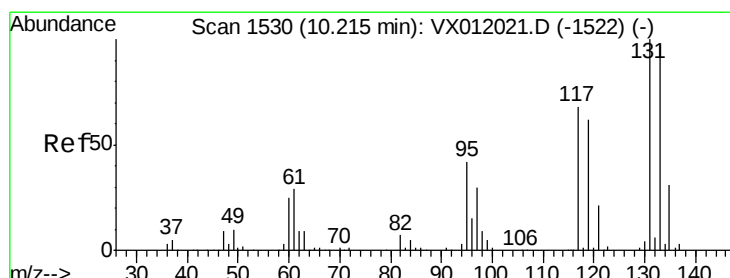
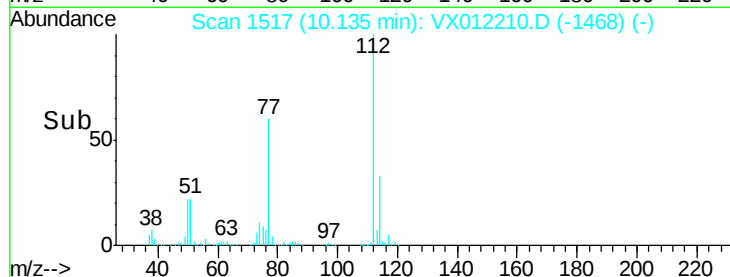
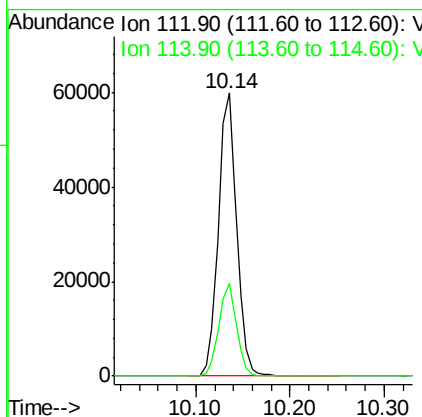
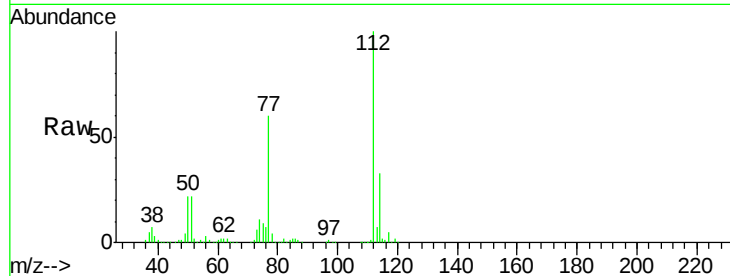
#65
Chlorobenzene
Concen: 19.690 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	26.2	39.2

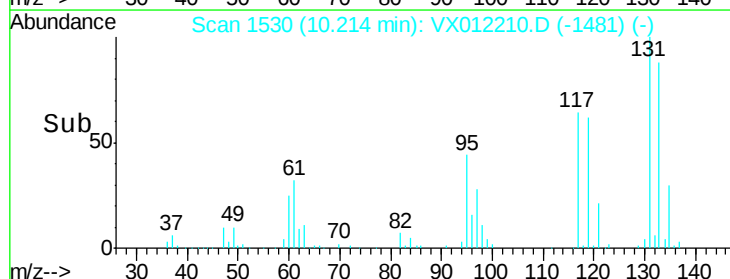
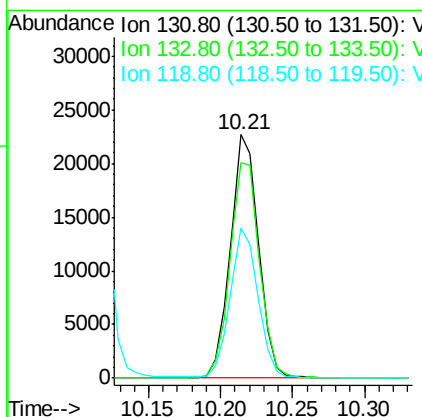
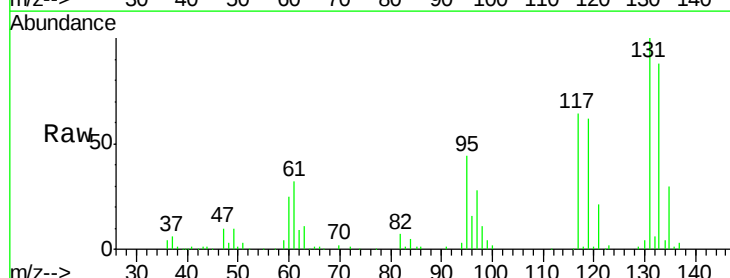
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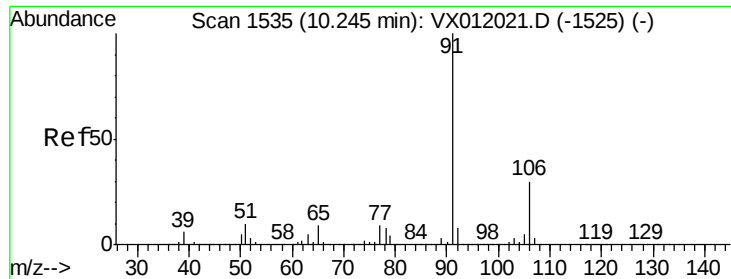
MMDadoda
9/9/2019 9:24:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.762 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.7	48.4	145.0
119	61.4	30.5	91.5





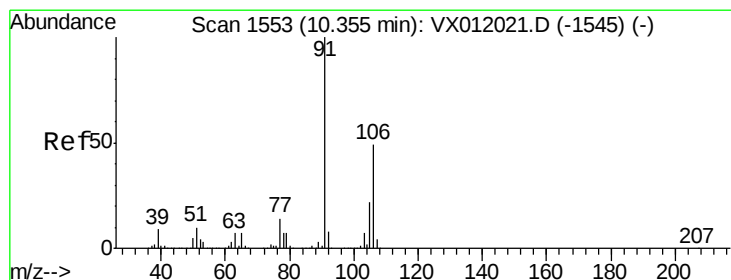
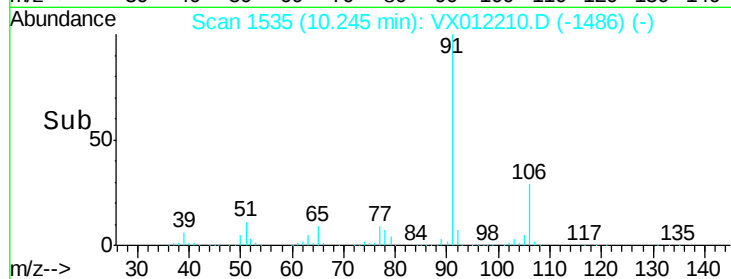
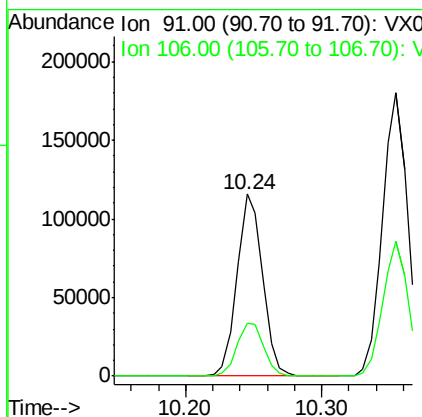
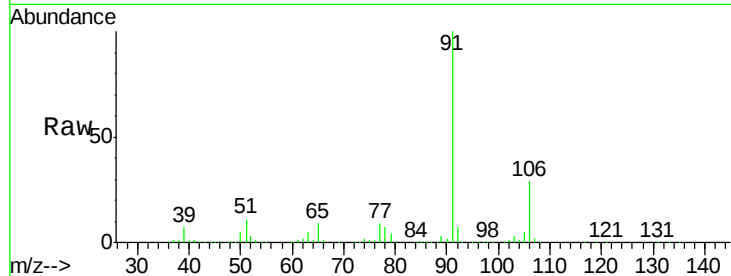
#67
Ethyl Benzene
Concen: 20.216 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tot Ion: 91 Resp: 151290
Ion Ratio Lower Upper
91 100
106 29.3 25.8 38.8

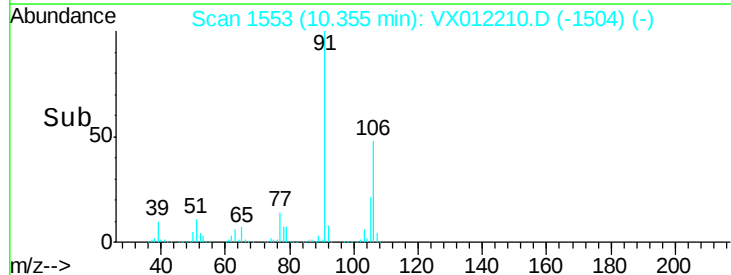
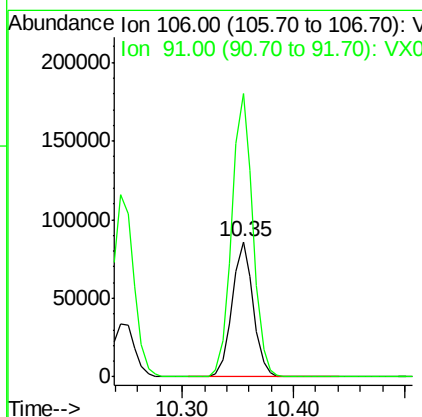
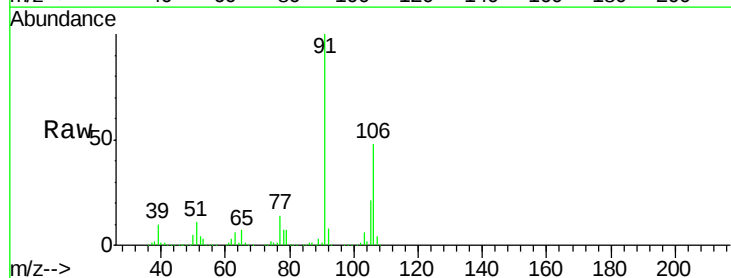
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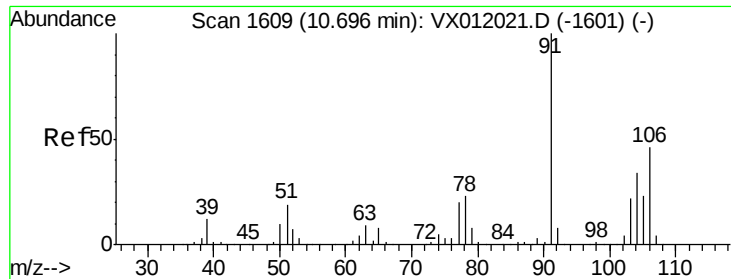
MMDadoda
9/9/2019 9:24:00 AM



#68
m/p-Xylenes
Concen: 40.639 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion: 106 Resp: 112055
Ion Ratio Lower Upper
106 100
91 209.8 157.5 236.3





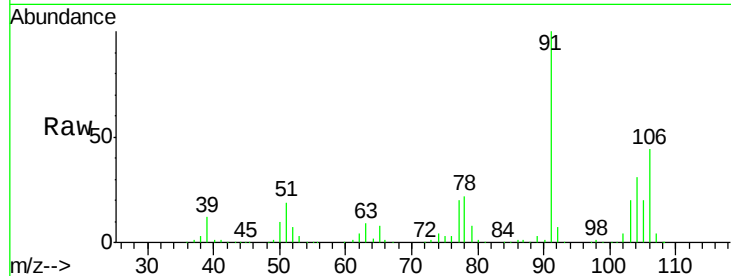
#69
o-Xylene
Concen: 19.901 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

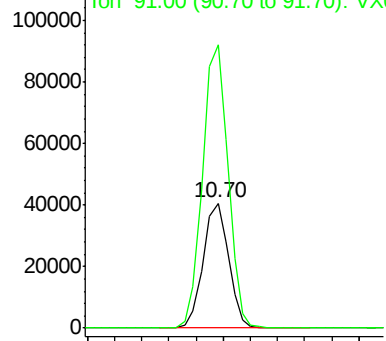
Tot Ion:106 Resp: 53210
Ion Ratio Lower Upper
106 100
91 226.2 103.5 310.3

Manual Integrations
APPROVED

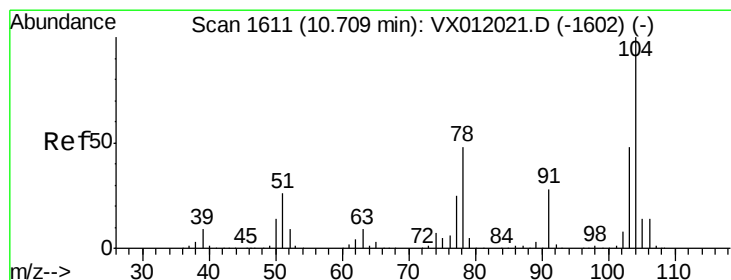
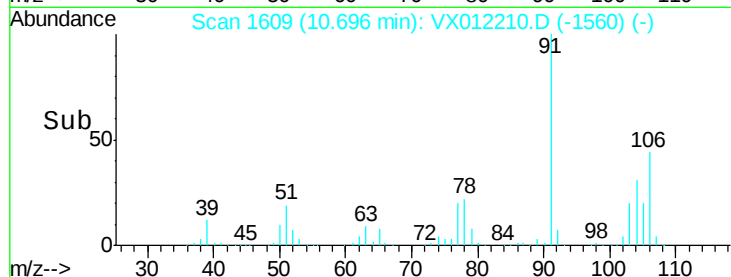
MMDadoda
9/9/2019 9:24:00 AM



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

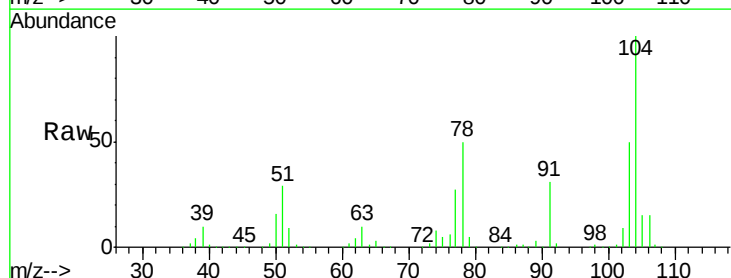


Time--> 10.60

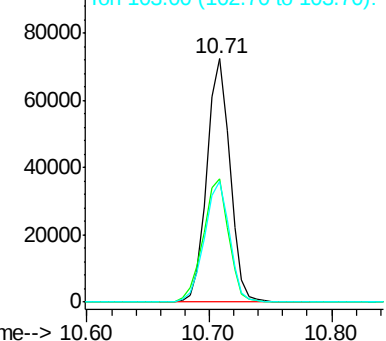


#70
Styrene
Concen: 20.201 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

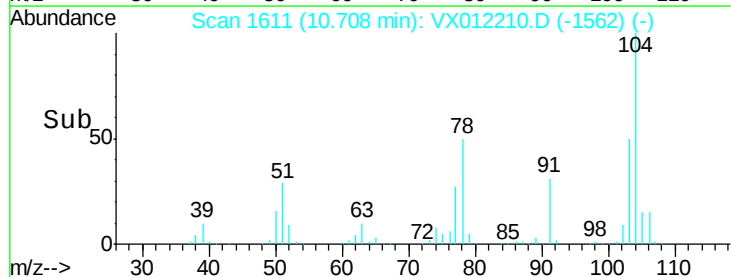
Tgt Ion:104 Resp: 93816
Ion Ratio Lower Upper
104 100
78 56.0 39.1 58.7
103 54.3 43.4 65.2

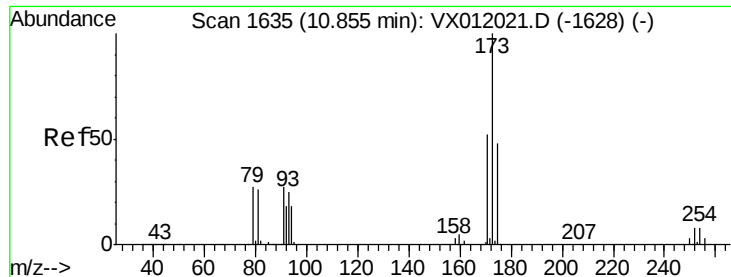


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time--> 10.60





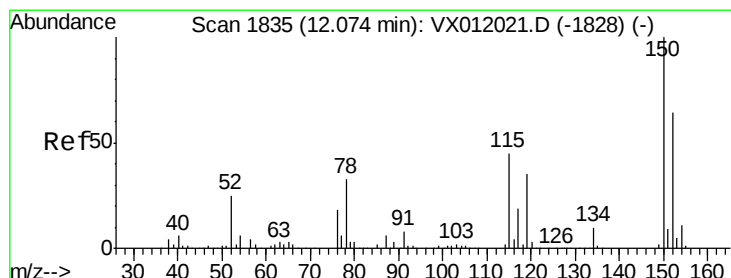
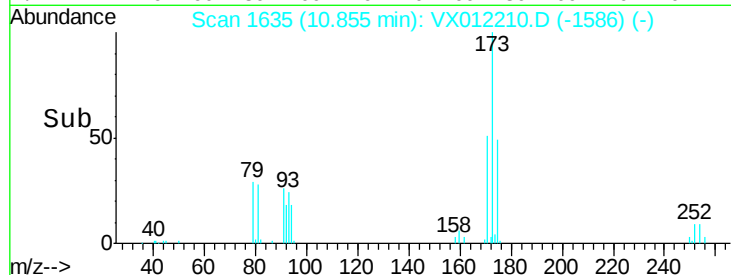
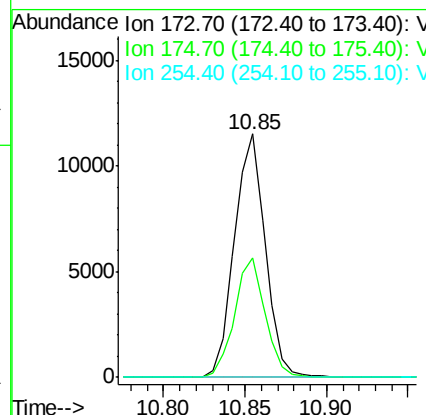
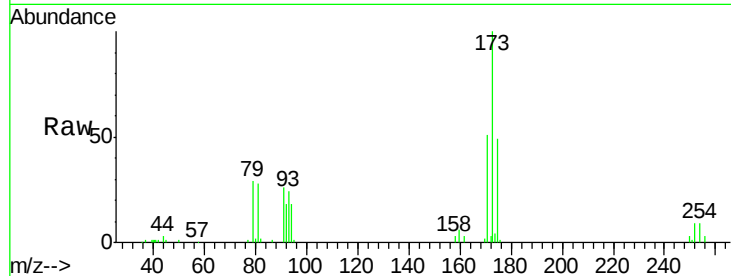
#71
Bromoform
Concen: 18.364 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBSD03

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.9	74.7
254	0.0	0.1	0.1#

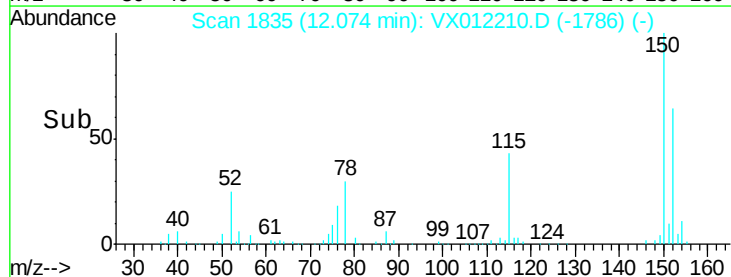
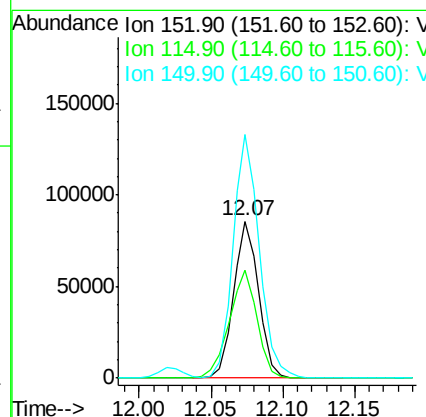
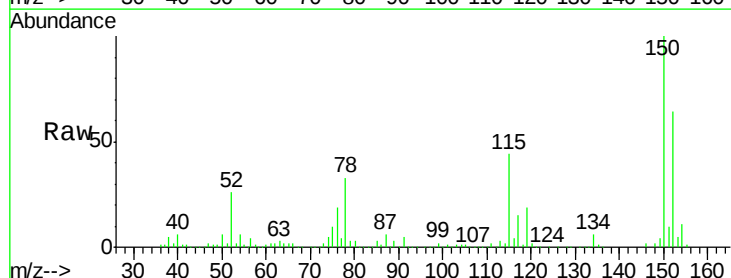
Manual Integrations
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9/9/2019 9:24:00 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	76.6	36.4	109.3
150	163.3	0.0	341.2





#73

Isopropylbenzene

Concen: 20.585 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

Tot Ion: 105 Resp: 156732

Ion Ratio Lower Upper

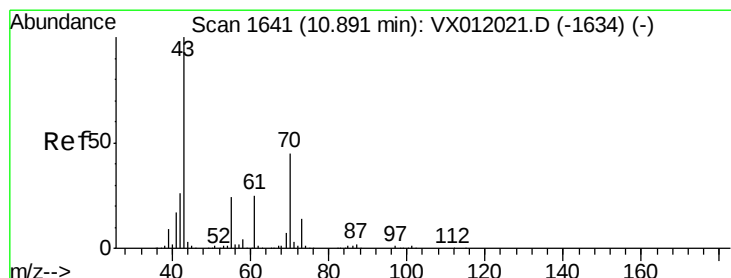
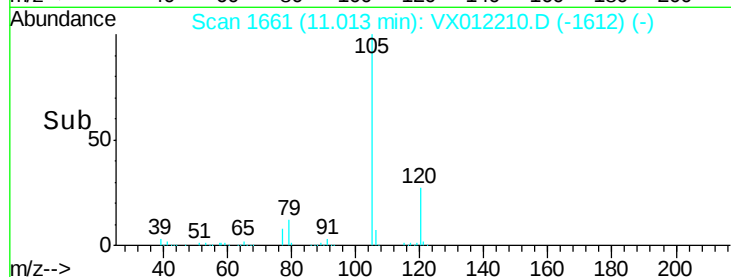
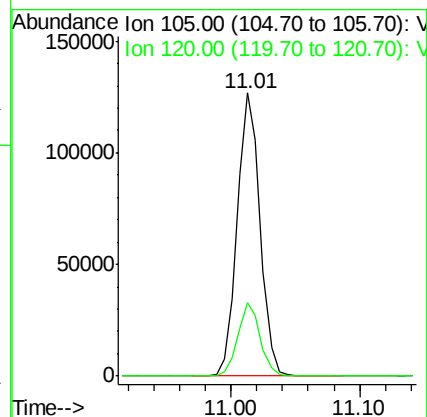
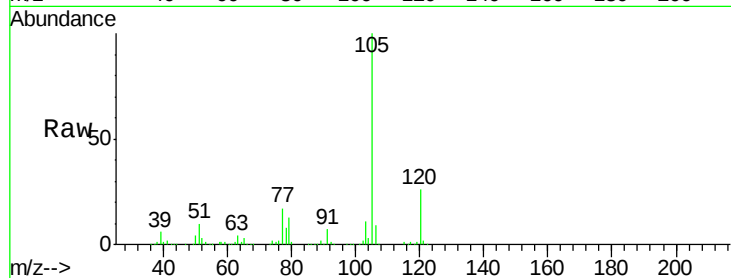
105 100

120 25.2 13.9 41.6

Manual Integrations
APPROVED

MMDadoda

9/9/2019 9:24:00 AM



#74

N-ethyl acetate

Concen: 18.826 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion: 43 Resp: 42379

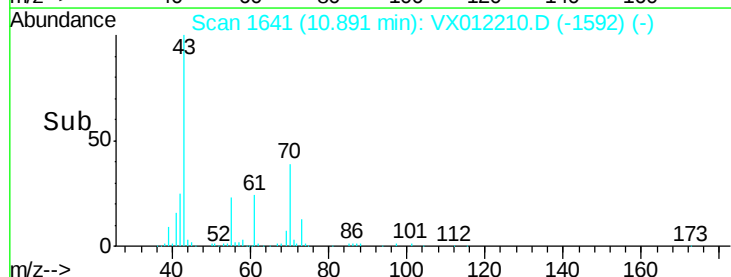
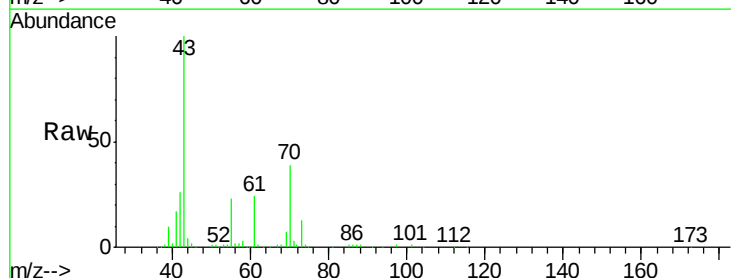
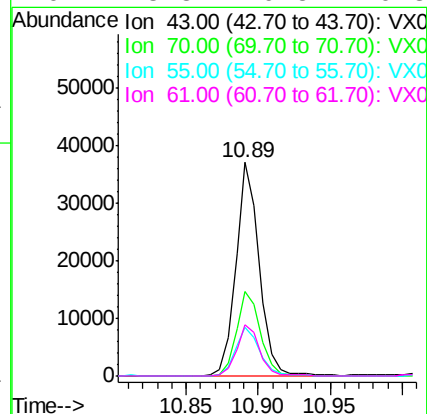
Ion Ratio Lower Upper

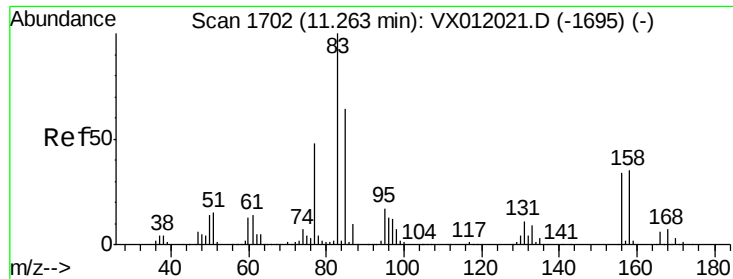
43 100

70 40.6 34.4 51.6

55 24.1 18.5 27.7

61 23.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.207 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

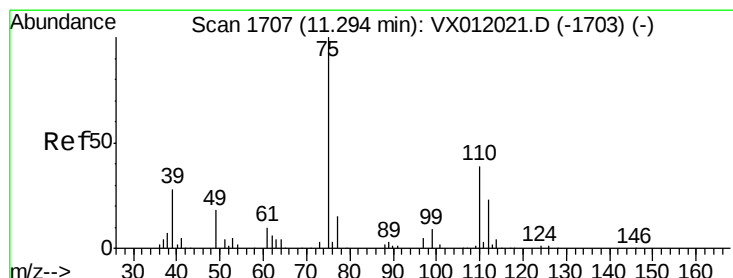
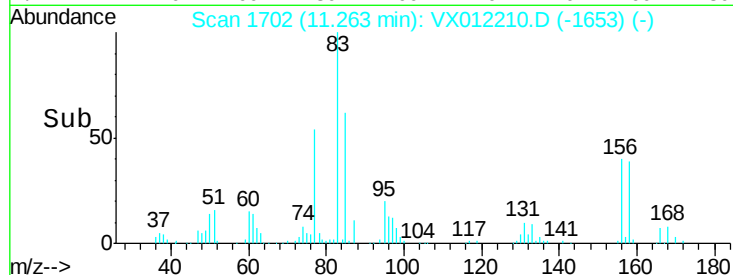
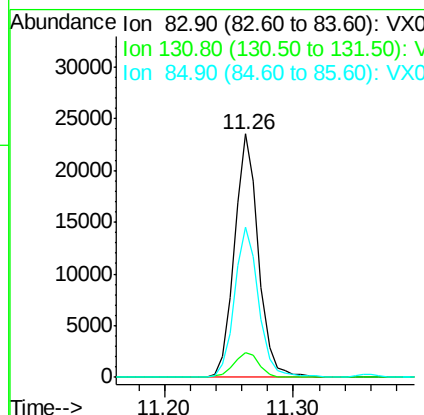
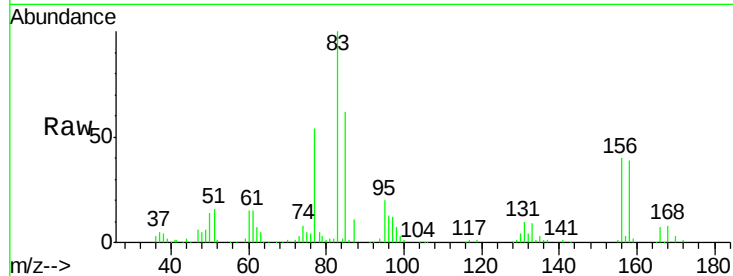
ClientSampleId :

VX0907SBSD03

Tot Ion:	83	Resp:	30487
Ion Ratio	Lower	Upper	
83	100		
131	11.0	6.3	19.1
85	62.3	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 21.081 ug/l m

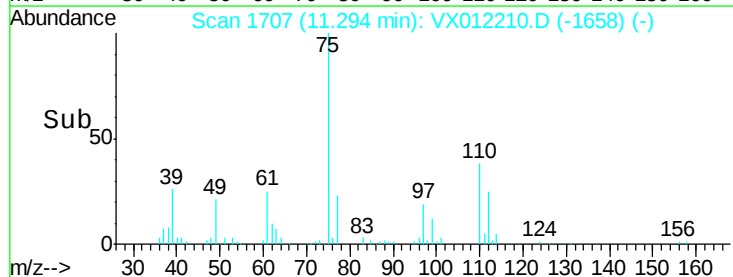
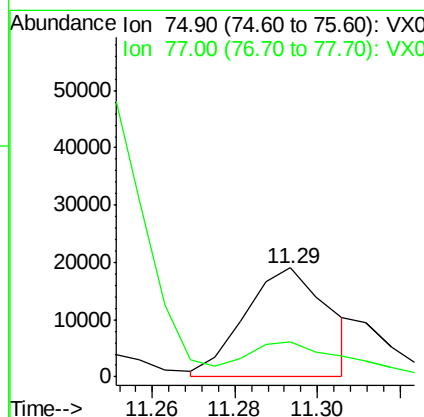
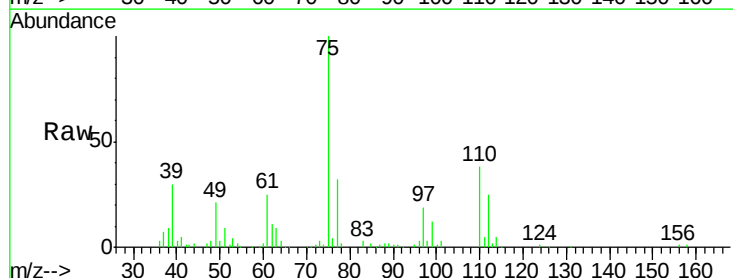
RT: 11.29 min Scan# 1707

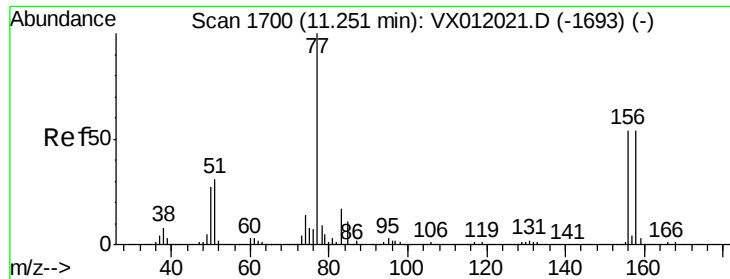
Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion:	75	Resp:	26729
Ion Ratio	Lower	Upper	
75	100		
77	38.9	23.5	70.5





#77

Bromobenzene

Concen: 19.802 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

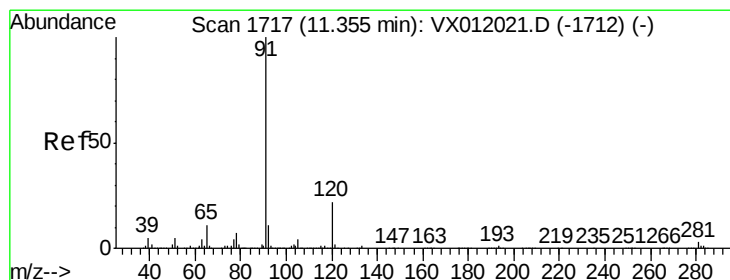
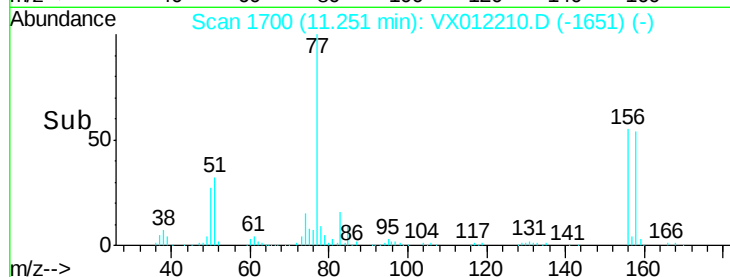
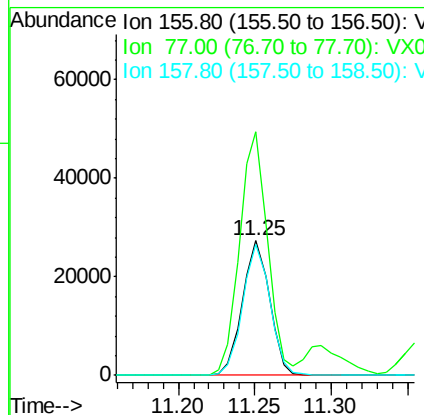
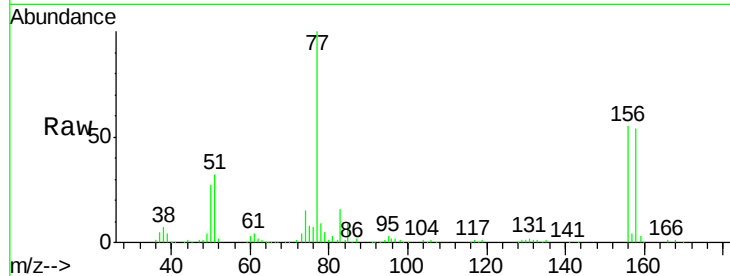
ClientSampleId :

VX0907SBS03

Tot Ion	Ratio	Lower	Upper
156	100		
77	185.9	63.4	190.2
158	98.5	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.286 ug/l

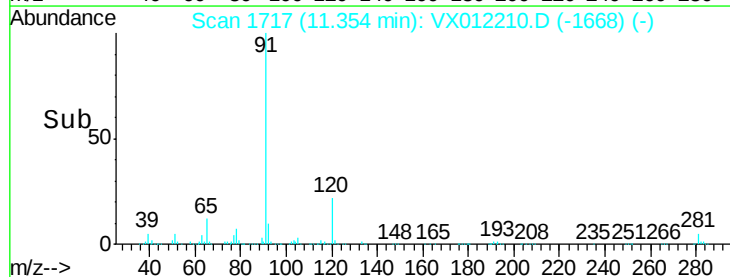
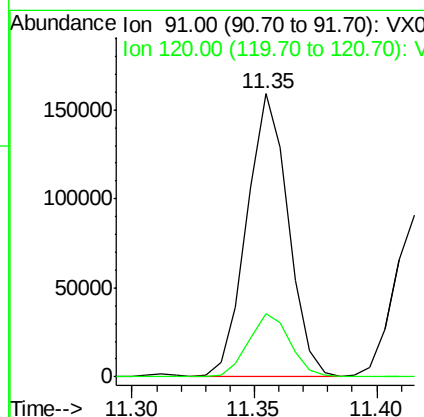
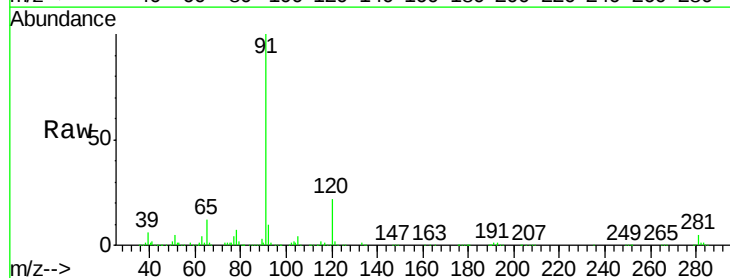
RT: 11.35 min Scan# 1717

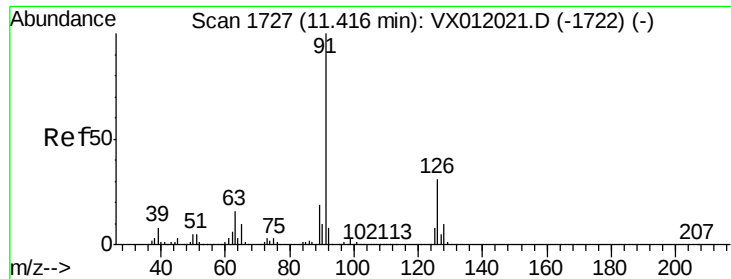
Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	12.7	38.0





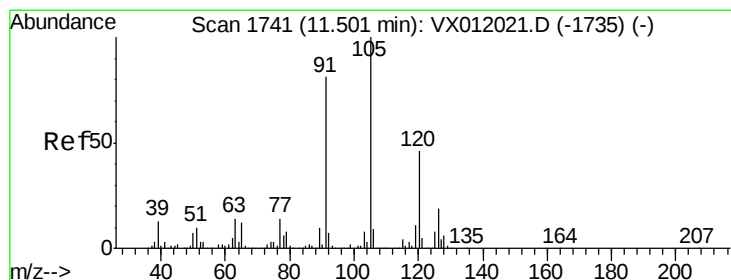
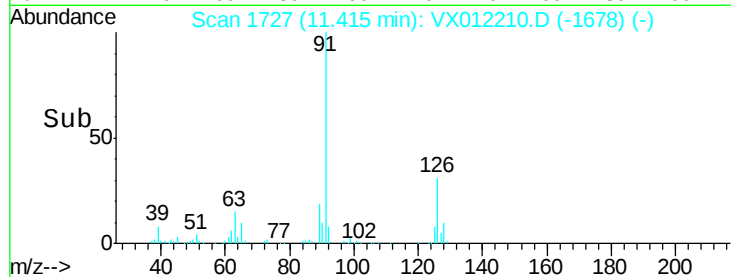
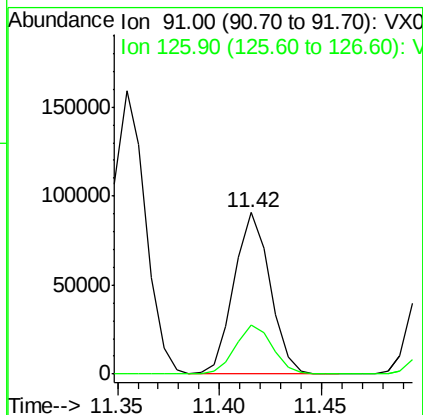
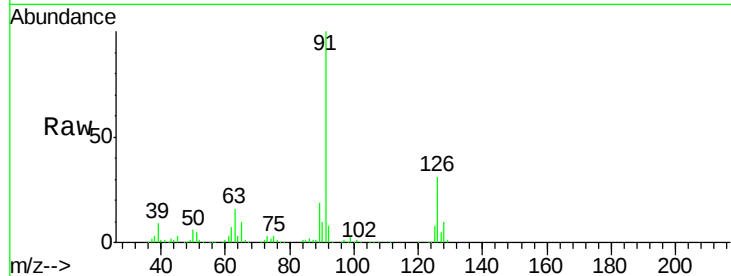
#79
 2-Chlorotoluene
 Concen: 19.943 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

Tot Ion: 91 Resp: 111133
 Ion Ratio Lower Upper
 91 100
 126 31.5 18.6 55.8

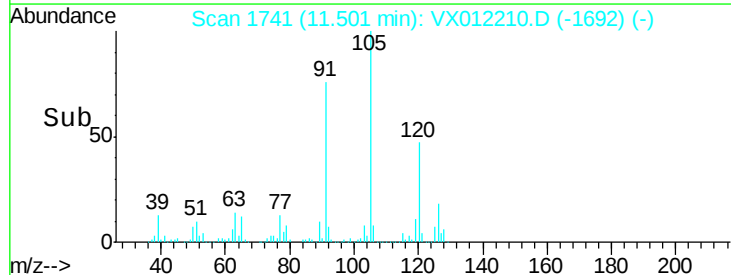
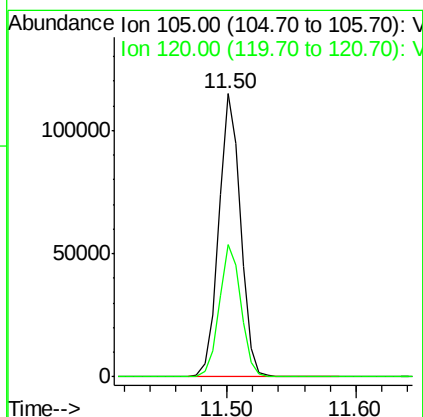
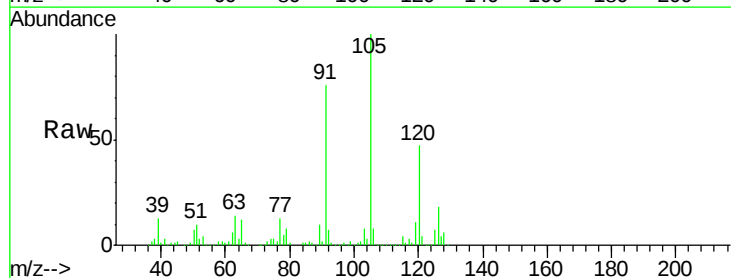
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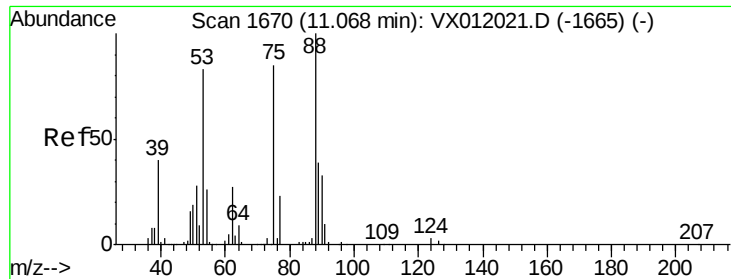
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.517 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion: 105 Resp: 136895
 Ion Ratio Lower Upper
 105 100
 120 46.4 25.8 77.3





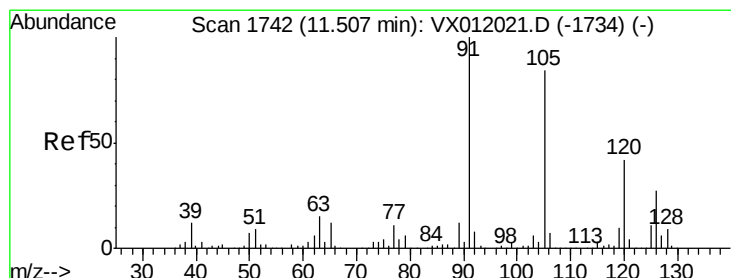
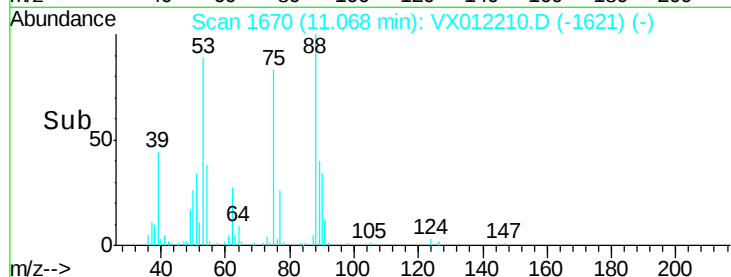
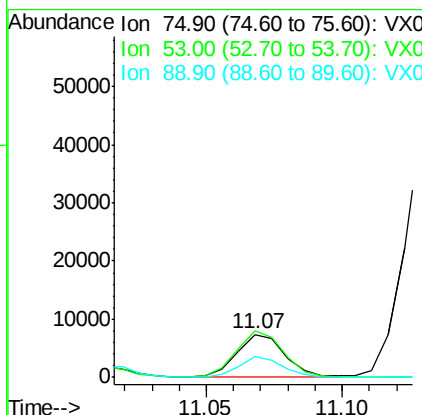
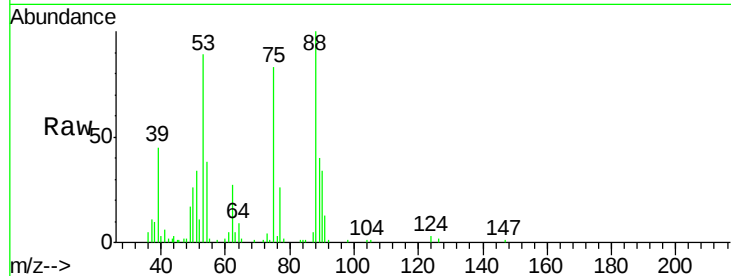
#81
trans-1,4-Dichloro-2-butene
Concen: 16.671 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.0	78.6	117.8
89	45.4	38.8	58.2

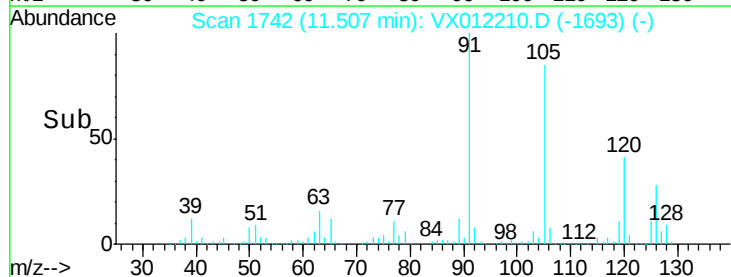
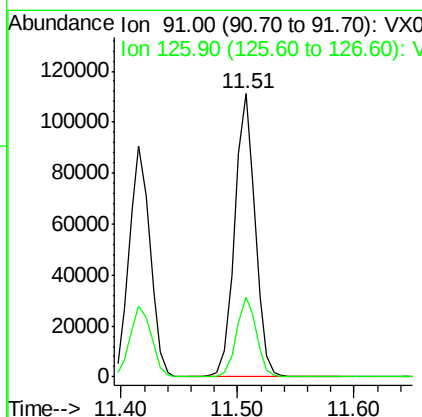
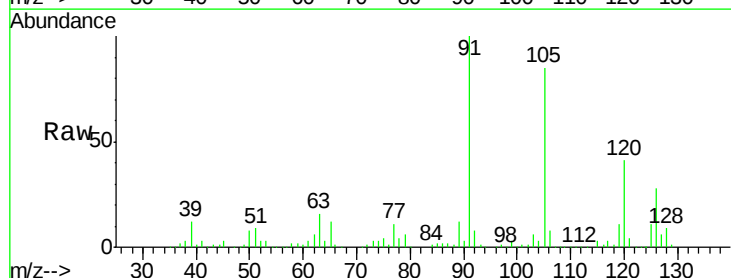
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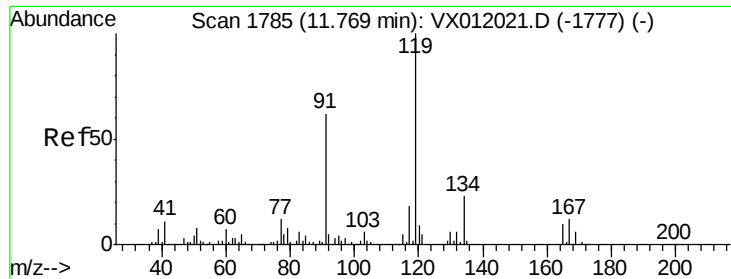
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#82
4-Chlorotoluene
Concen: 20.419 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.6	16.2	48.6





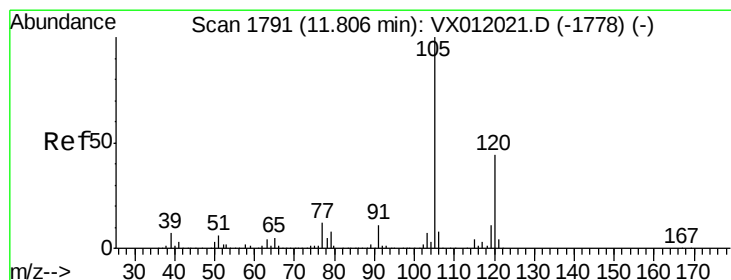
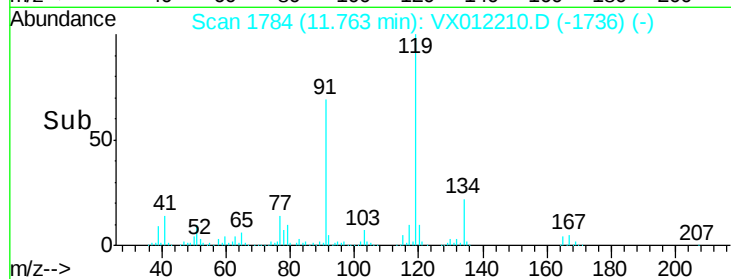
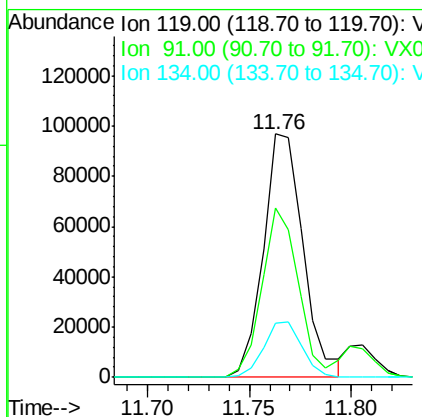
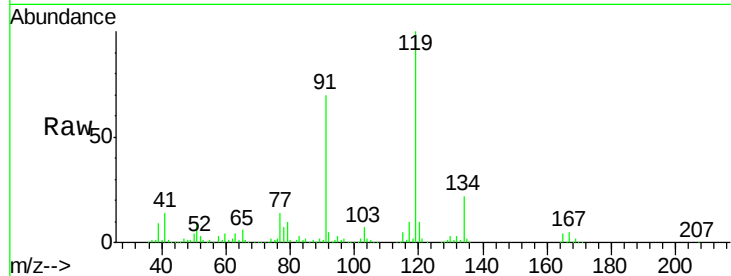
#83
 tert-Butylbenzene
 Concen: 20.759 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

Tot Ion	Ratio	Resp	Lower	Upper
119	100	132016		
91	63.4	27.1	81.2	
134	21.9	12.1	36.3	

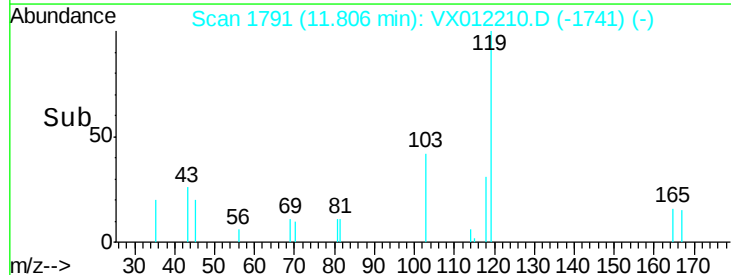
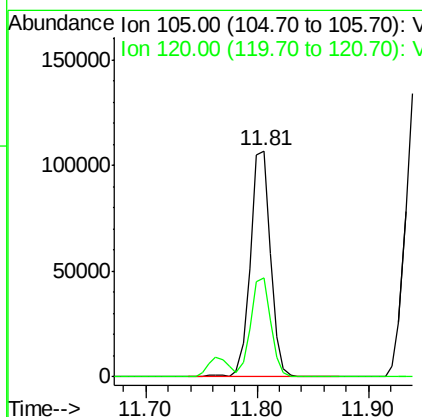
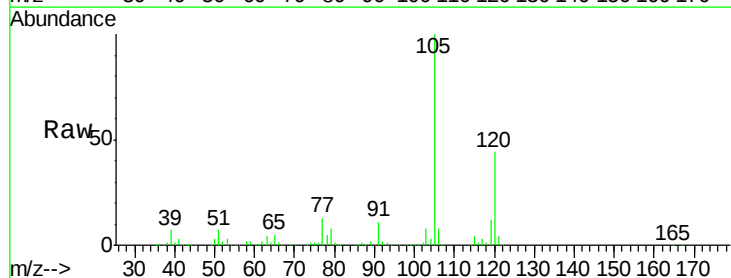
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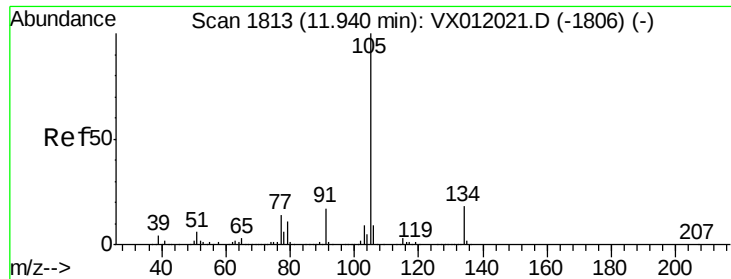
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.618 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	134535		
120	43.5	23.6	70.8	





#85

sec-Butylbenzene

Concen: 20.569 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBS03

Tot Ion:105 Resp: 162472

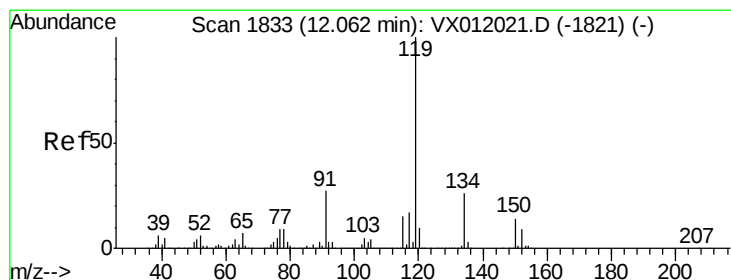
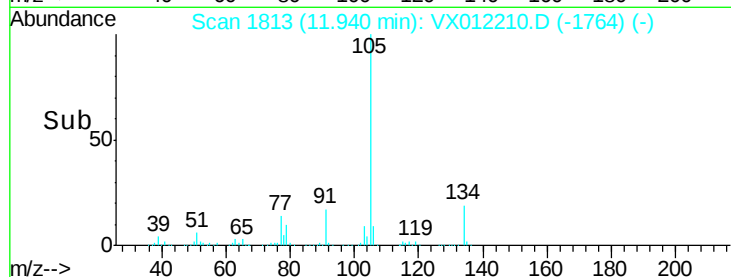
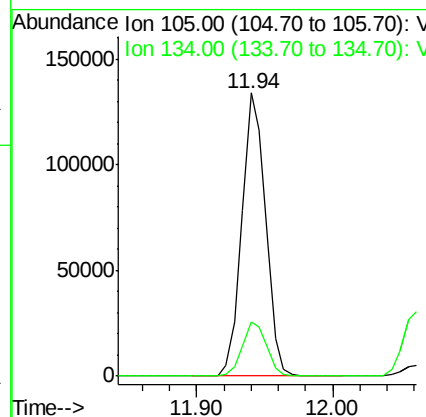
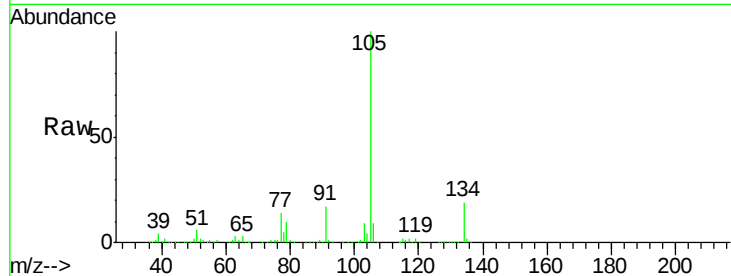
Ion Ratio Lower Upper

105 100

134 19.4 11.2 33.6

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 20.388 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

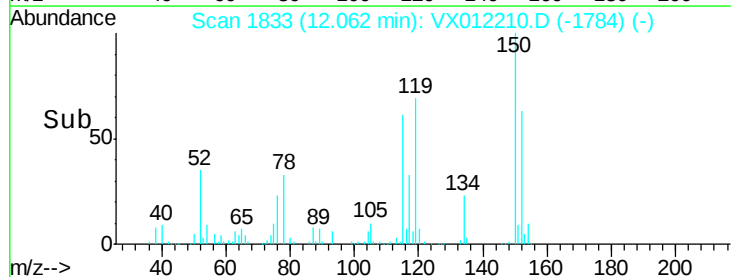
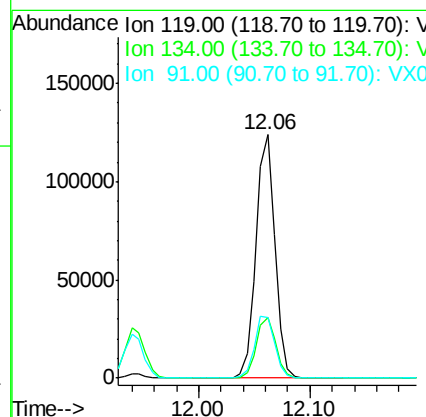
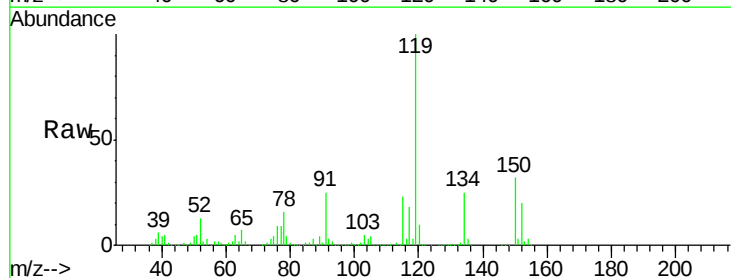
Tgt Ion:119 Resp: 146460

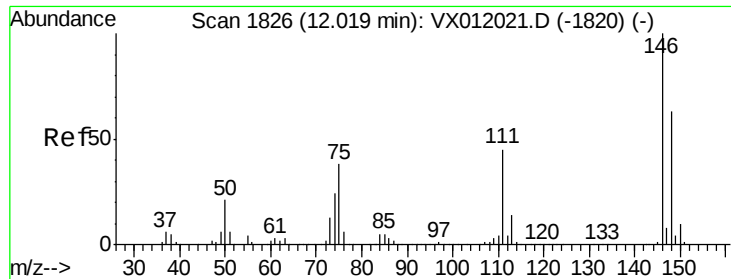
Ion Ratio Lower Upper

119 100

134 25.6 13.7 41.1

91 27.1 11.4 34.1





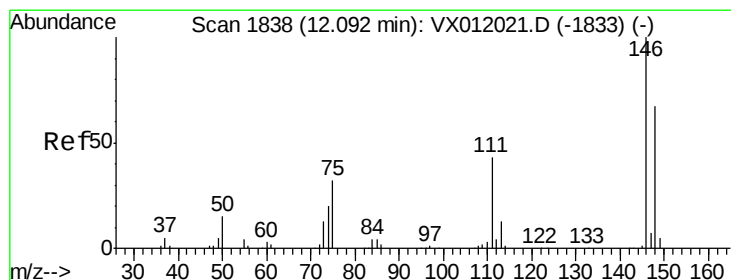
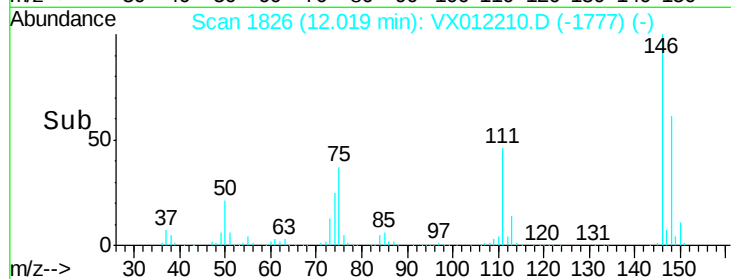
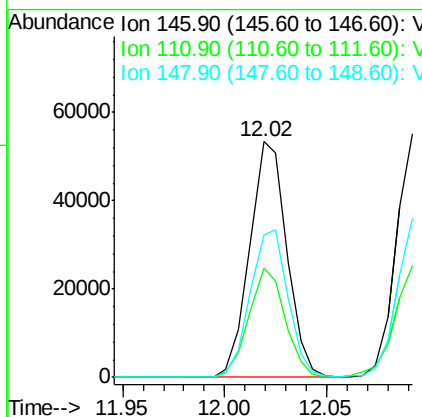
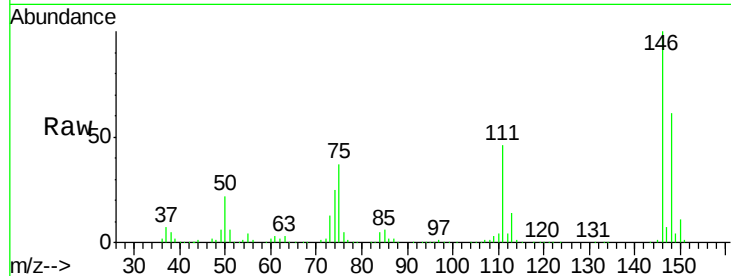
#87
 1,3-Dichlorobenzene
 Concen: 19.902 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBSD03

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	18.1	54.1
148	63.8	32.6	97.8

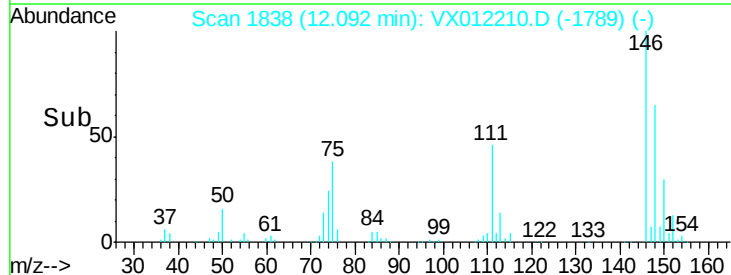
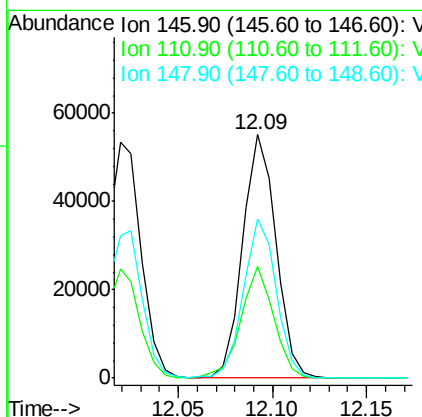
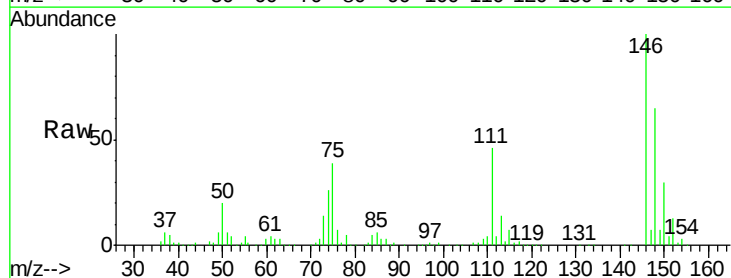
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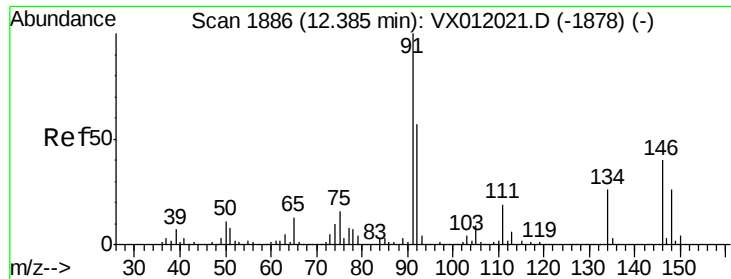
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#88
 1,4-Dichlorobenzene
 Concen: 19.738 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.8	17.7	53.1
148	65.0	32.4	97.0





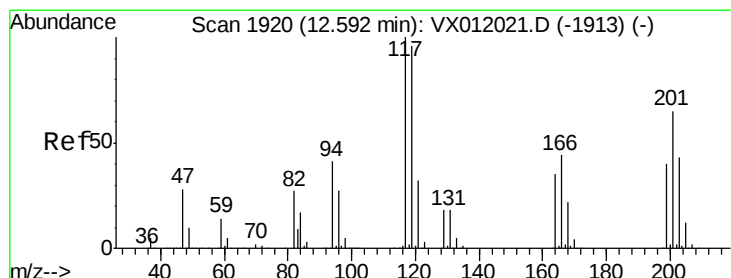
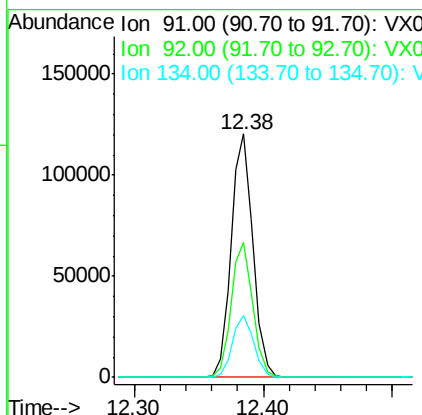
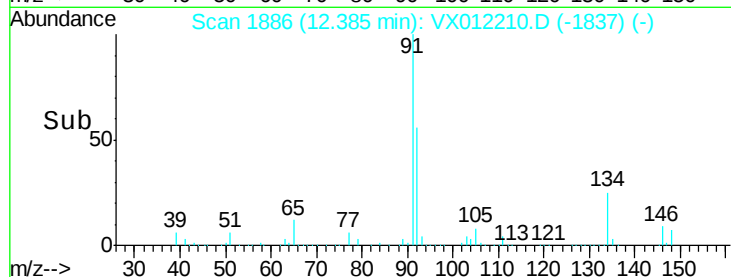
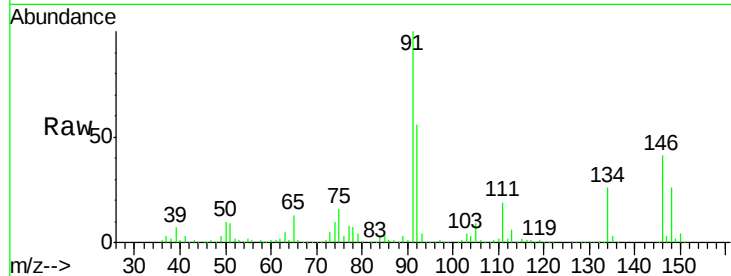
#89
n-Butylbenzene
Concen: 20.432 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBS03

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.6	82.8
134	25.2	15.4	46.1

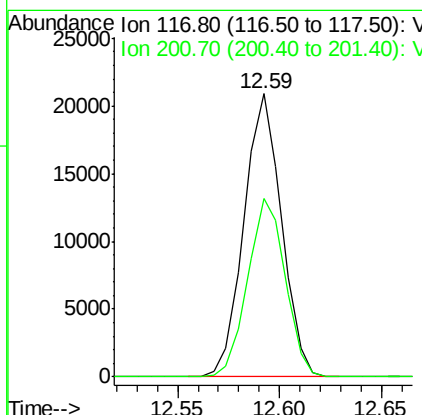
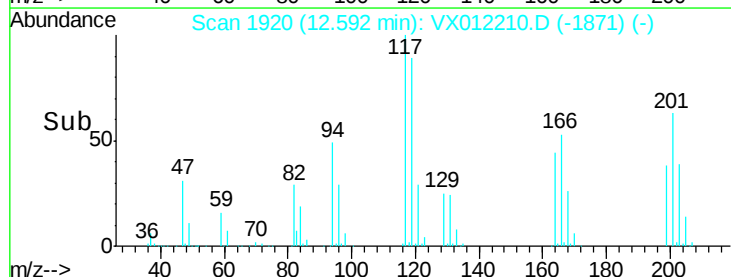
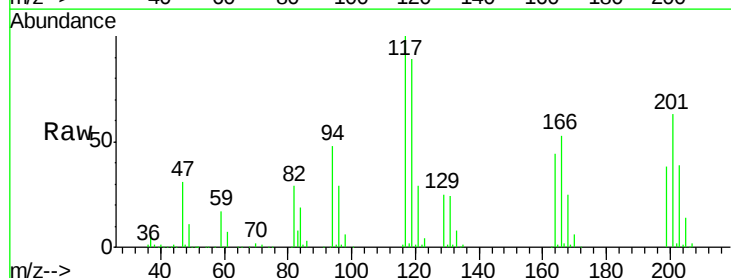
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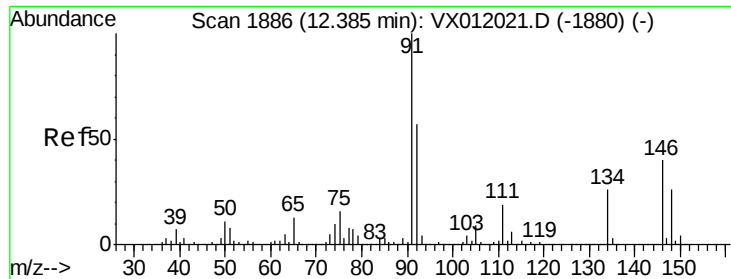
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#90
Hexachloroethane
Concen: 18.643 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012210.D
Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.2	55.0	165.2





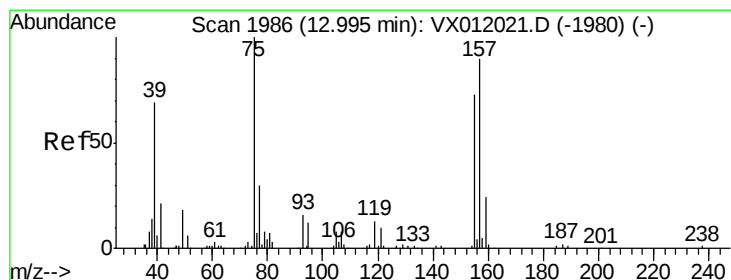
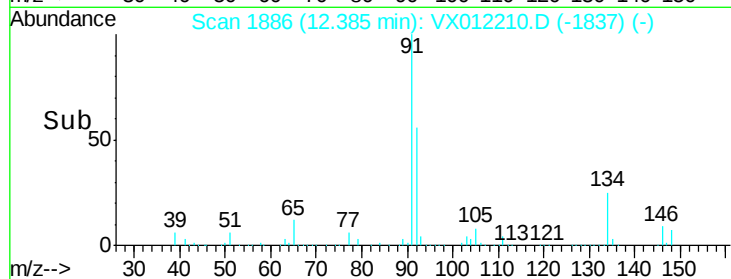
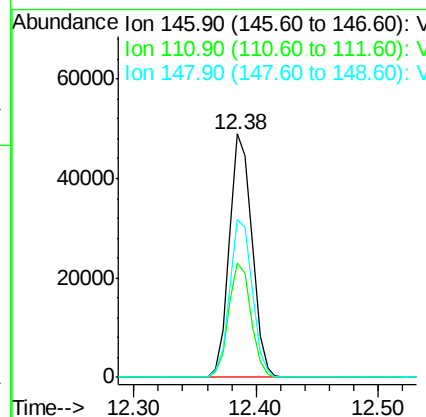
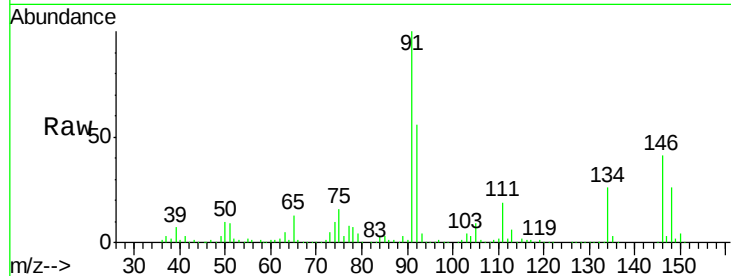
#91
 1,2-Dichlorobenzene
 Concen: 20.386 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.5	18.6	56.0
148	64.7	32.4	97.2

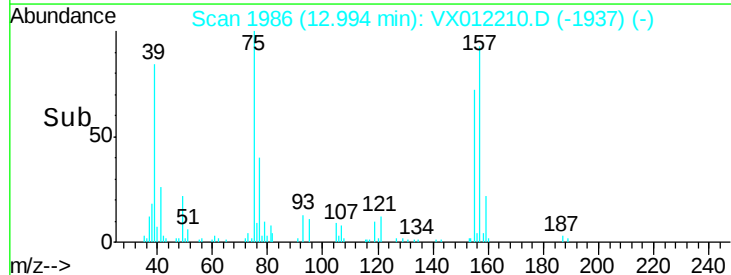
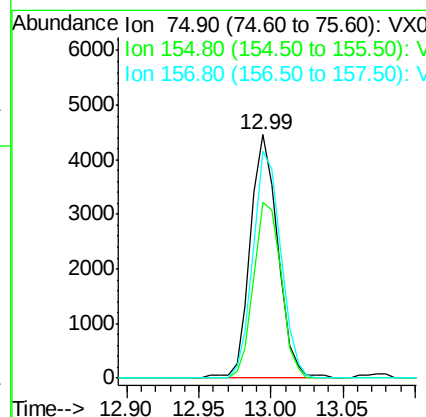
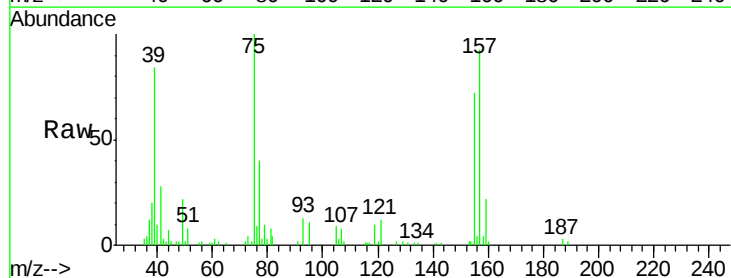
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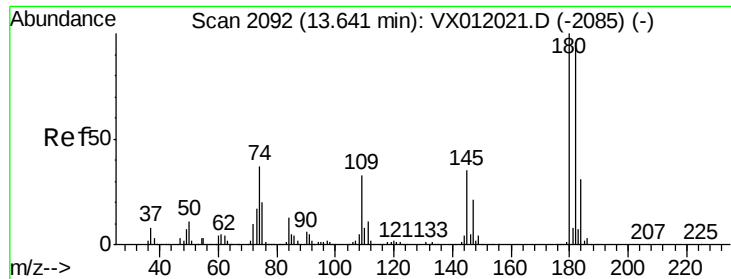
MMDadoda
 9/9/2019 9:24:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.712 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.7	51.7	155.2
157	93.5	66.9	200.7





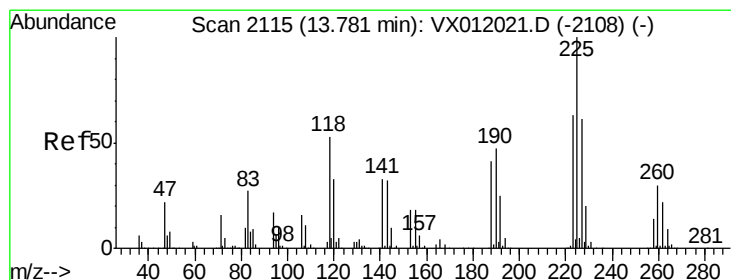
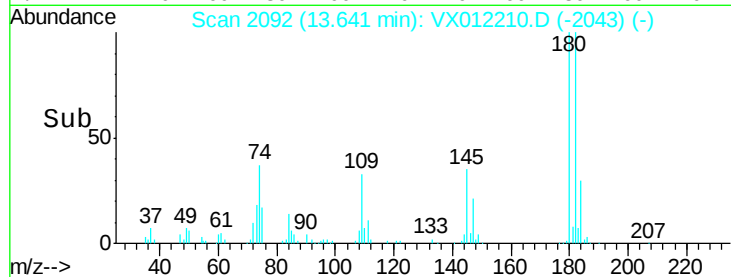
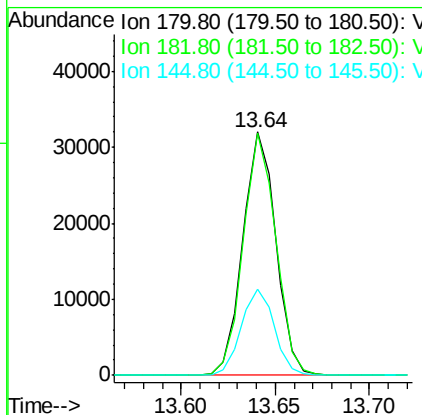
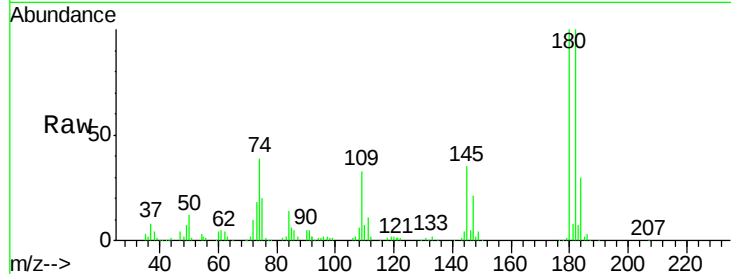
#93
 1,2,4-Trichlorobenzene
 Concen: 17.790 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBS03

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.3	142.0
145	35.4	13.7	41.0

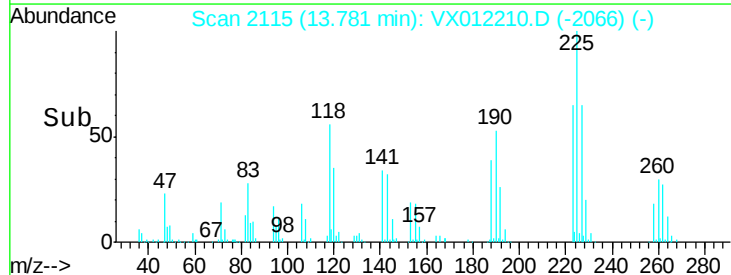
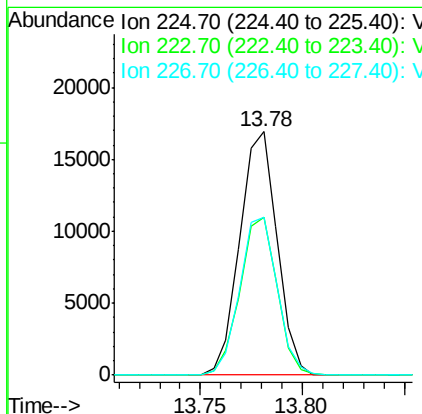
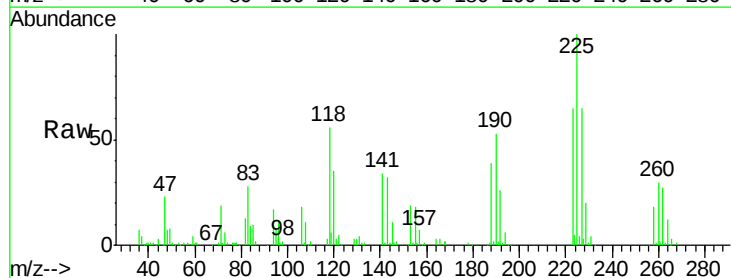
Manual Integrations
 APPROVED

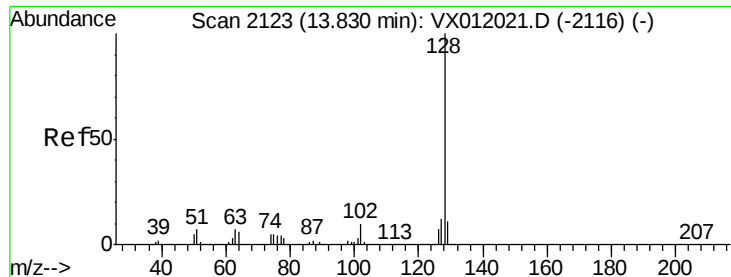
MMDadoda
 9/9/2019 9:24:00 AM



#94
 Hexachlorobutadiene
 Concen: 19.533 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012210.D
 Acq: 08 Sep 2019 09:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	31.6	95.0
227	65.0	32.5	97.5





#95

Naphthalene

Concen: 17.381 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Instrument :

MSVOA_X

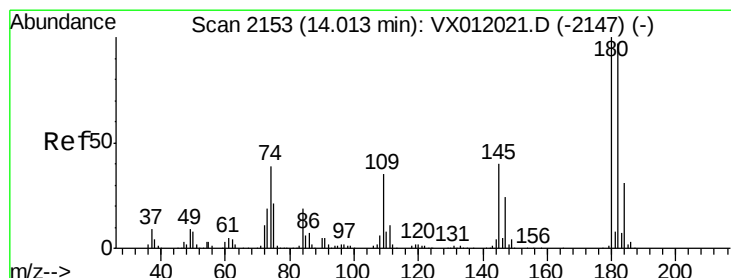
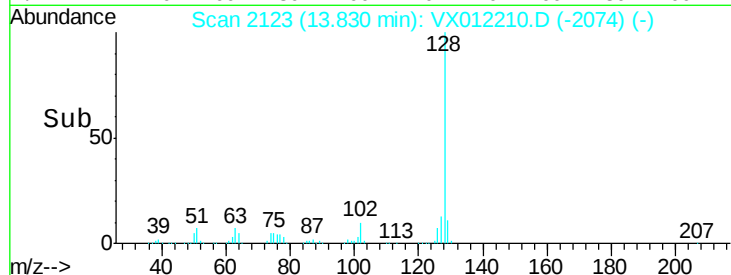
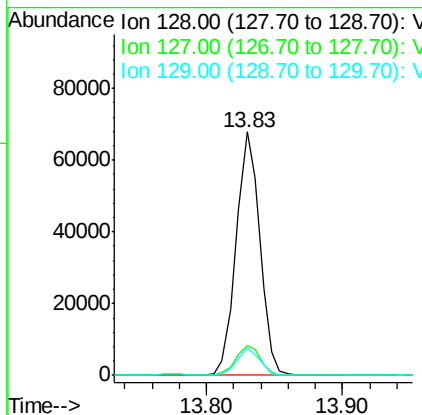
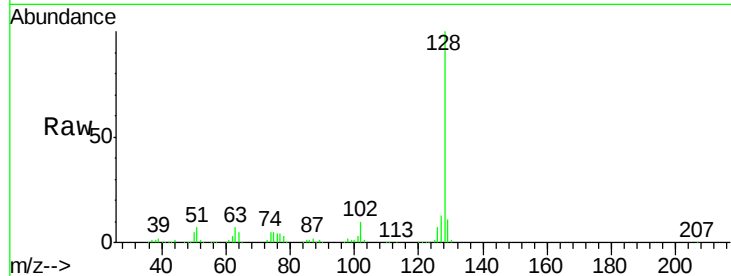
ClientSampleId :

VX0907SBSD03

Tot Ion:	128	Resp:	82280
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/9/2019 9:24:00 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.859 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VX012210.D

Acq: 08 Sep 2019 09:04

Tgt Ion:	180	Resp:	34367
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.6
145	37.9	14.1	42.4

