

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092419\
 Data File : VX012623.D
 Acq On : 24 Sep 2019 11:26
 Operator : JC/SP
 Sample : VX0924WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/25/2019 9:29:47 AM

Quant Time: Sep 25 05:15:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183759	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	333733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	294315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	133396	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
35) Dibromofluoromethane	5.49	113	97564	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
50) Toluene-d8	8.71	98	367711	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.14	95	139403	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37060	17.927	ug/l	100
3) Chloromethane	1.32	50	44269	18.649	ug/l	96
4) Vinyl Chloride	1.40	62	43541	18.454	ug/l	97
5) Bromomethane	1.63	94	21358	23.023	ug/l	99
6) Chloroethane	1.72	64	27952	17.573	ug/l	100
7) Trichlorofluoromethane	1.92	101	61779	18.649	ug/l	95
8) Diethyl Ether	2.18	74	24147	17.787	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37969	18.818	ug/l	96
10) Methyl Iodide	2.50	142	33338	19.083	ug/l	95
11) Tert butyl alcohol	3.03	59	67648	101.201	ug/l	100
12) 1,1-Dichloroethene	2.37	96	37463	18.962	ug/l	92
13) Acrolein	2.28	56	29656	86.614	ug/l	97
14) Allyl chloride	2.72	41	73717	18.806	ug/l	98
15) Acrylonitrile	3.14	53	131958	97.303	ug/l	99
16) Acetone	2.44	43	137643	97.112	ug/l	99
17) Carbon Disulfide	2.56	76	95848	17.305	ug/l	99
18) Methyl Acetate	2.76	43	63705	19.088	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	142897	19.108	ug/l	97
20) Methylene Chloride	2.85	84	43026	17.948	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	40140	18.338	ug/l	95
22) Diisopropyl ether	3.84	45	145233	19.175	ug/l #	88
23) Vinyl Acetate	3.81	43	637241	95.938	ug/l	98
24) 1,1-Dichloroethane	3.69	63	77598	18.847	ug/l	98
25) 2-Butanone	4.66	43	196266	96.574	ug/l	96
26) 2,2-Dichloropropane	4.57	77	67139	18.335	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	47239	18.600	ug/l	96
28) Bromochloromethane	5.01	49	29567	19.778	ug/l	100
29) Tetrahydrofuran	5.12	42	120586	97.350	ug/l	99
30) Chloroform	5.20	83	79462	18.865	ug/l	95
31) Cyclohexane	5.57	56	70403	18.902	ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	70149	18.791	ug/l	99
36) 1,1-Dichloropropene	5.79	75	57615	17.911	ug/l	99
37) Ethyl Acetate	4.83	43	70207	18.668	ug/l	98
38) Carbon Tetrachloride	5.78	117	58961	18.043	ug/l	99

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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	68635	17.723	ug/l	95
40) Benzene	6.14	78	173704	18.353	ug/l	98
41) Methacrylonitrile	5.03	41	38946	18.457	ug/l	97
42) 1,2-Dichloroethane	6.18	62	67814	18.868	ug/l	100
43) Isopropyl Acetate	6.43	43	114828	18.258	ug/l	99
44) Trichloroethene	7.21	130	43724	18.070	ug/l	98
45) 1,2-Dichloropropane	7.51	63	44810	18.492	ug/l	94
46) Dibromomethane	7.65	93	29704	18.004	ug/l	97
47) Bromodichloromethane	7.89	83	58089	17.616	ug/l	95
48) Methyl methacrylate	7.76	41	54784	18.166	ug/l	96
49) 1,4-Dioxane	7.73	88	25849	377.906	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	359909	92.706	ug/l	97
52) Toluene	8.78	92	108890	18.305	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	64565	17.697	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	70395	17.672	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	43640	18.452	ug/l	98
56) Ethyl methacrylate	9.17	69	71098	17.894	ug/l	95
57) 1,3-Dichloropropane	9.37	76	77121	18.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	173571	97.321	ug/l	99
59) 2-Hexanone	9.49	43	279522	94.064	ug/l	96
60) Dibromochloromethane	9.57	129	42777	17.868	ug/l	100
61) 1,2-Dibromoethane	9.67	107	45008	18.286	ug/l	97
64) Tetrachloroethene	9.33	164	39065	19.037	ug/l	94
65) Chlorobenzene	10.14	112	110840	17.884	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	41312	18.397	ug/l	97
67) Ethyl Benzene	10.25	91	205260	18.260	ug/l	97
68) m/p-Xylenes	10.35	106	152989	36.332	ug/l	98
69) o-Xylene	10.70	106	73825	18.119	ug/l	97
70) Styrene	10.71	104	125946	18.438	ug/l	100
71) Bromoform	10.85	173	28029	17.926	ug/l #	98
73) Isopropylbenzene	11.01	105	200143	19.397	ug/l	100
74) N-amyl acetate	10.89	43	91302	18.548	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	68830	20.142	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	64661m	19.295	ug/l	
77) Bromobenzene	11.25	156	44609	19.102	ug/l	96
78) n-propylbenzene	11.35	91	219133	18.864	ug/l	99
79) 2-Chlorotoluene	11.42	91	135744	18.732	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	166831	19.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	20602	17.618	ug/l	97
82) 4-Chlorotoluene	11.51	91	157387	19.052	ug/l	99
83) tert-Butylbenzene	11.77	119	157448	18.864	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	169662	19.437	ug/l	98
85) sec-Butylbenzene	11.94	105	187047	19.267	ug/l	100
86) p-Isopropyltoluene	12.06	119	168754	19.265	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	79283	18.865	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	78288	18.435	ug/l	99
89) n-Butylbenzene	12.38	91	140983	18.264	ug/l	99
90) Hexachloroethane	12.59	117	28247	18.087	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	80093	19.036	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16612	19.434	ug/l	94

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ClientSampleId :
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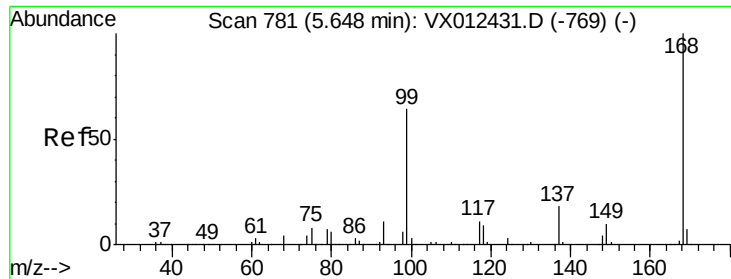
Manual Integrations
APPROVED

MMDadoda
9/25/2019 9:29:47 AM

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	45883	17.882	ug/l	98
94) Hexachlorobutadiene	13.78	225	21463	19.444	ug/l	96
95) Naphthalene	13.83	128	178618	19.240	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	48082	18.707	ug/l	99

(#) = 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: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion:168 Resp: 183759

Ion Ratio Lower Upper

168 100

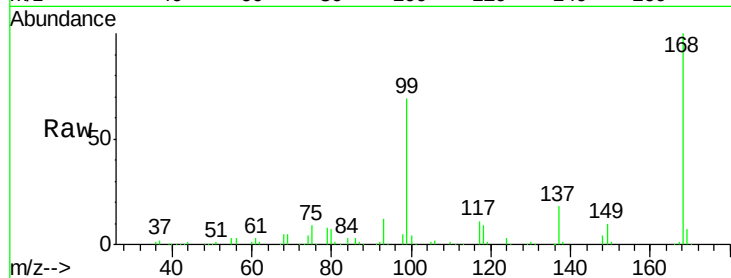
99 68.8 51.4 77.2

Manual Integrations

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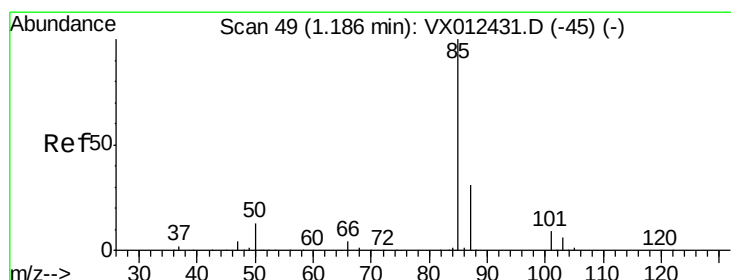
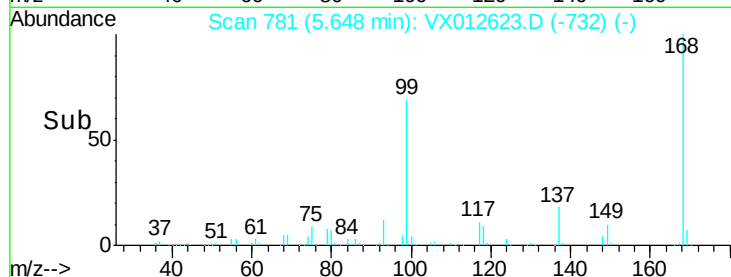
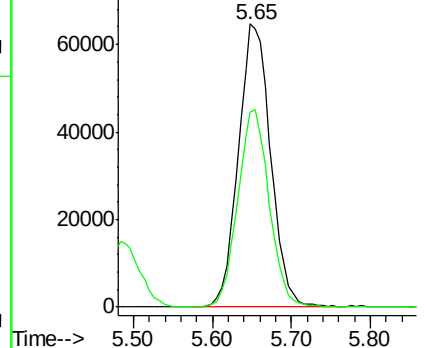
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.927 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012623.D

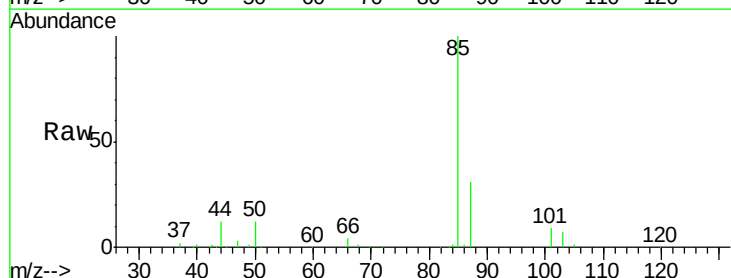
Acq: 24 Sep 2019 11:26

Tgt Ion: 85 Resp: 37060

Ion Ratio Lower Upper

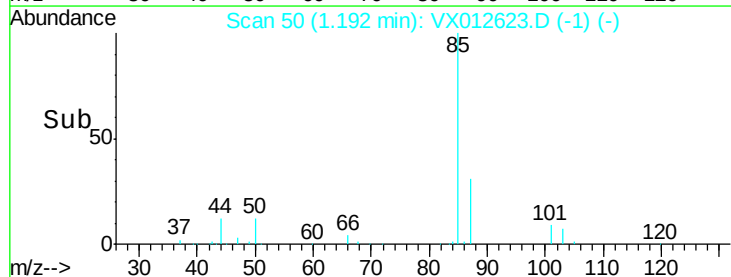
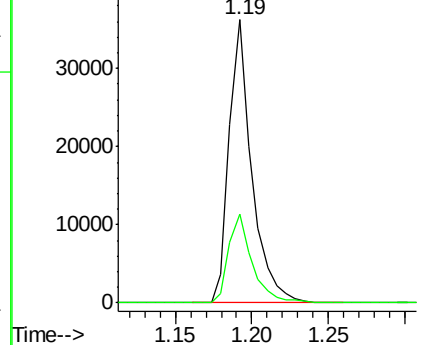
85 100

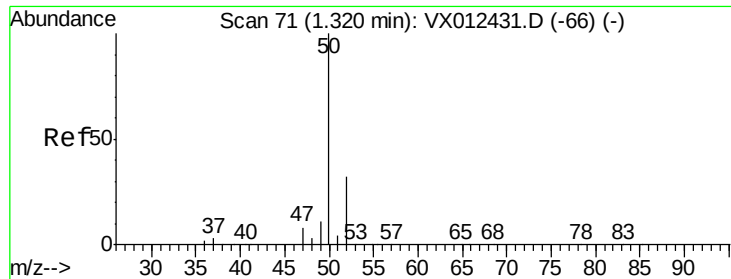
87 31.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.649 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion: 50 Resp: 44269

Ion Ratio Lower Upper

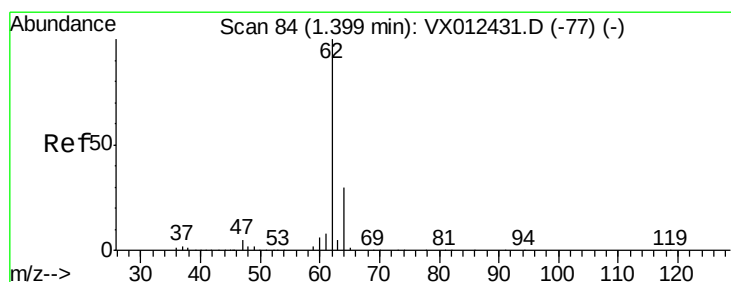
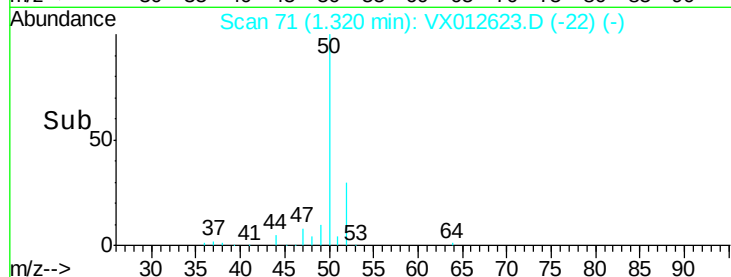
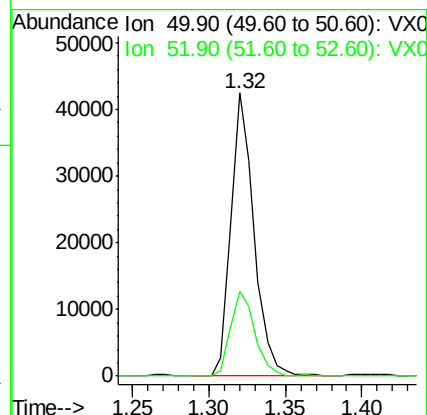
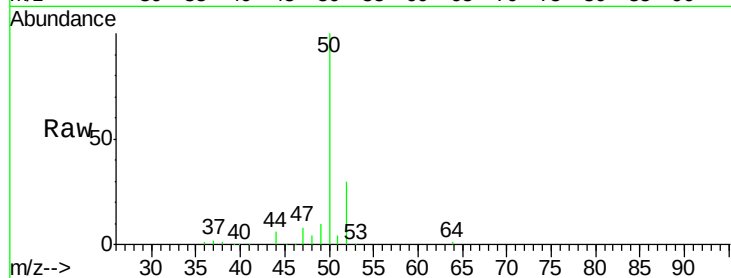
50 100

52 29.9 25.7 38.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.454 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012623.D

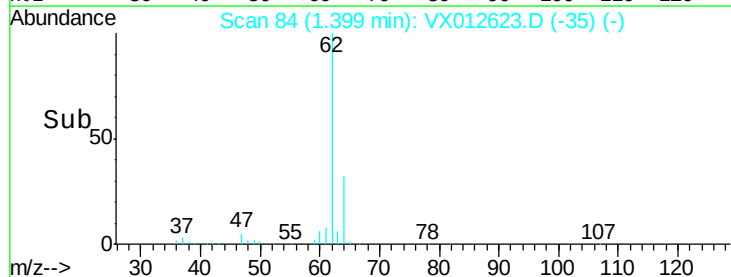
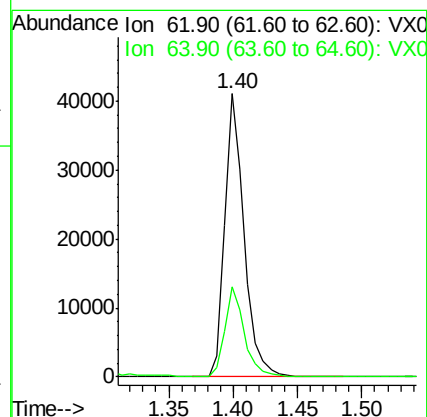
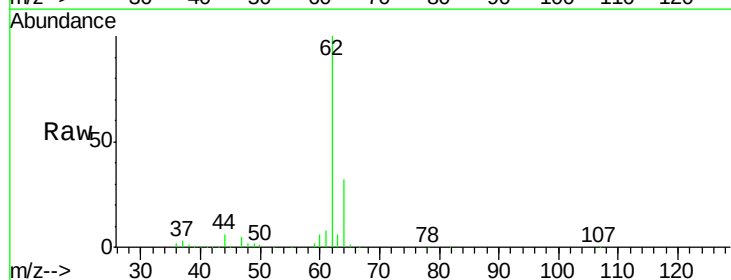
Acq: 24 Sep 2019 11:26

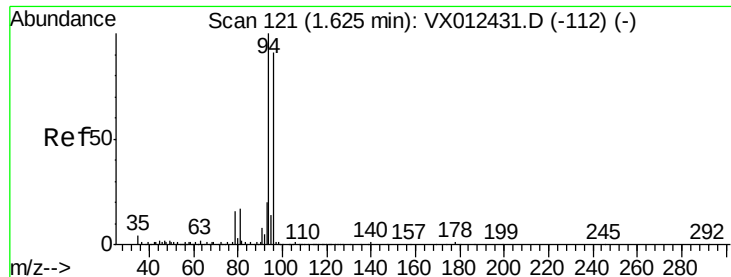
Tgt Ion: 62 Resp: 43541

Ion Ratio Lower Upper

62 100

64 31.8 24.2 36.2





#5

Bromomethane

Concen: 23.023 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion: 94 Resp: 21358

Ion Ratio Lower Upper

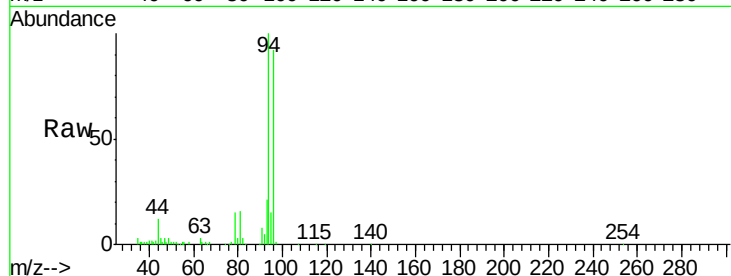
94 100

96 91.8 72.8 109.2

Manual Integrations
APPROVED

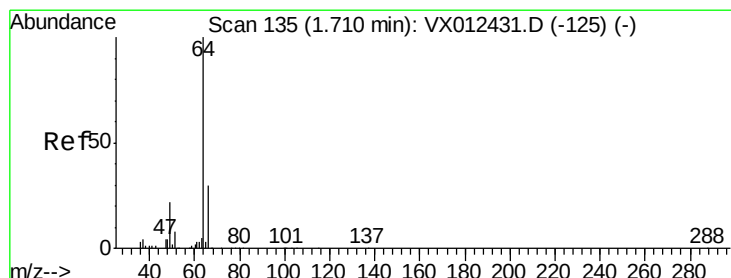
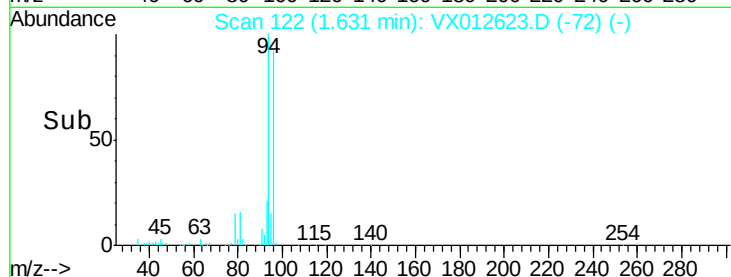
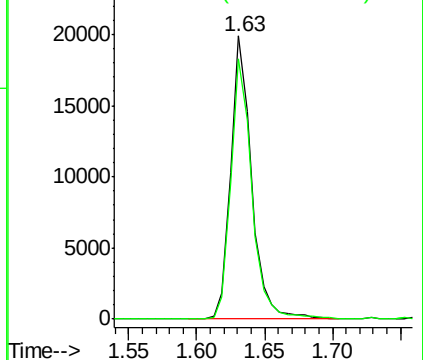
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.573 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012623.D

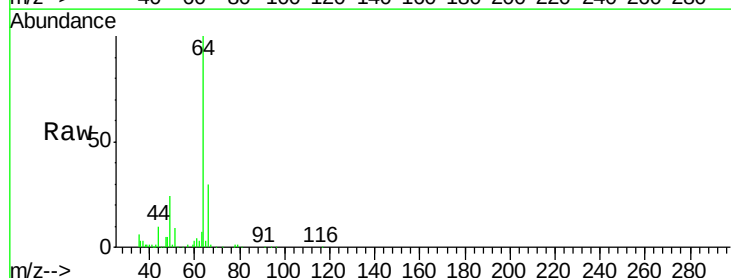
Acq: 24 Sep 2019 11:26

Tgt Ion: 64 Resp: 27952

Ion Ratio Lower Upper

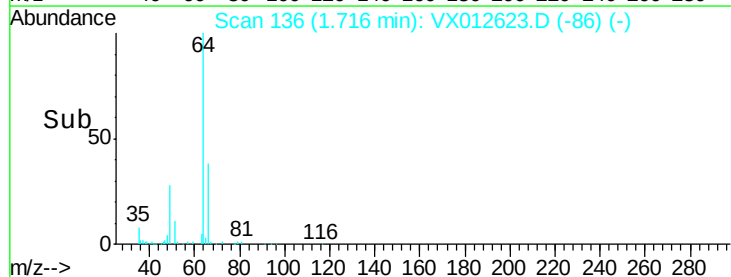
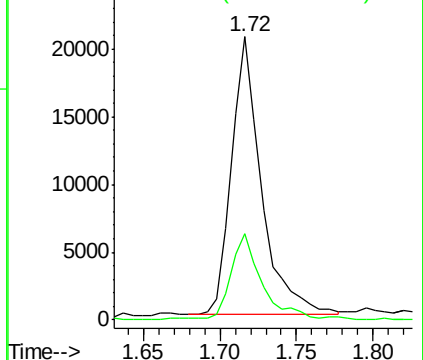
64 100

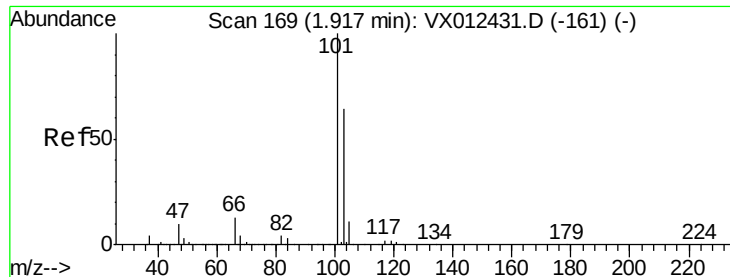
66 30.2 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

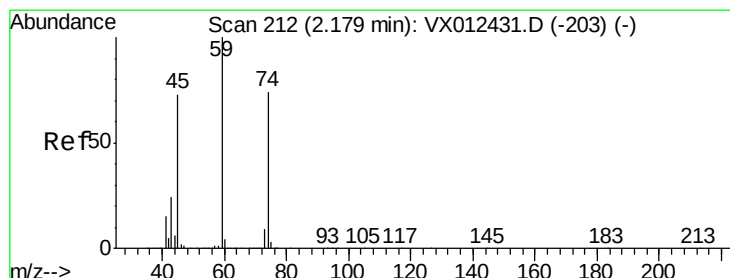
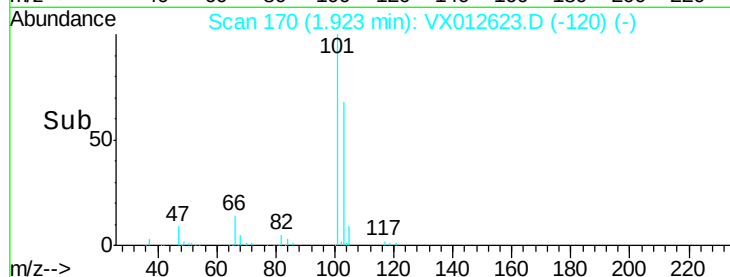
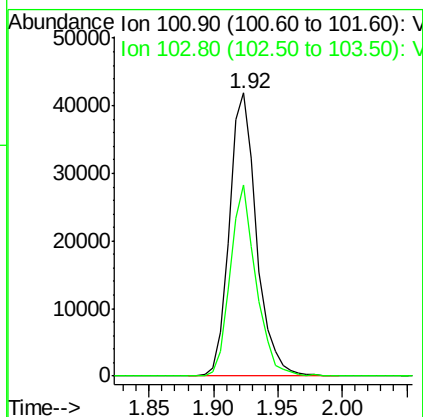
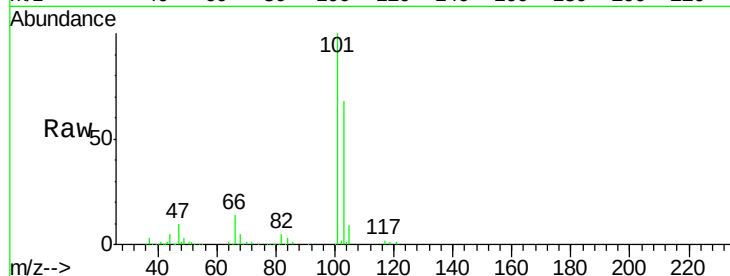
Trichlorofluoromethane
Concen: 18.649 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.7	51.0	76.4

Manual Integrations
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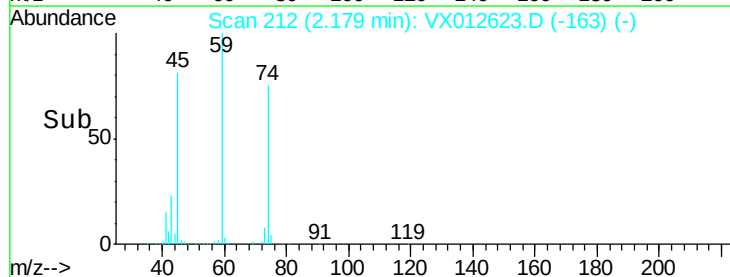
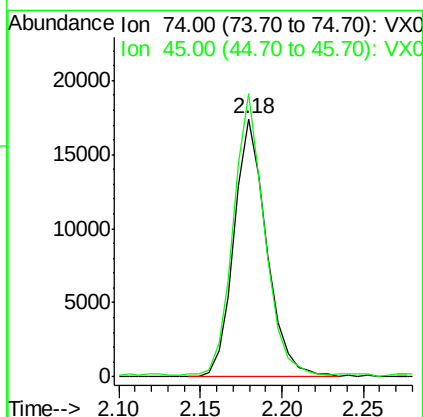
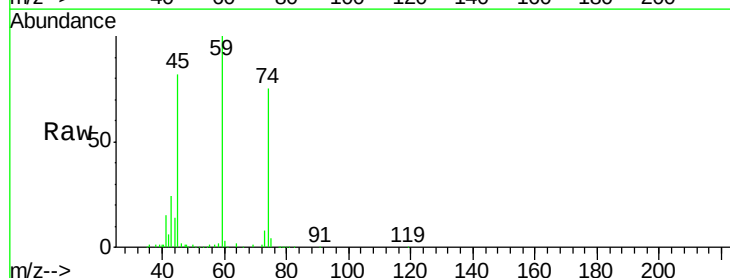
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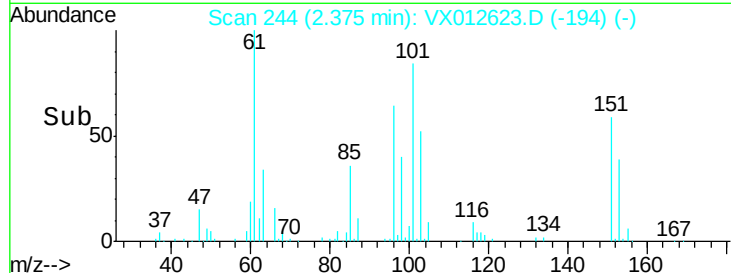
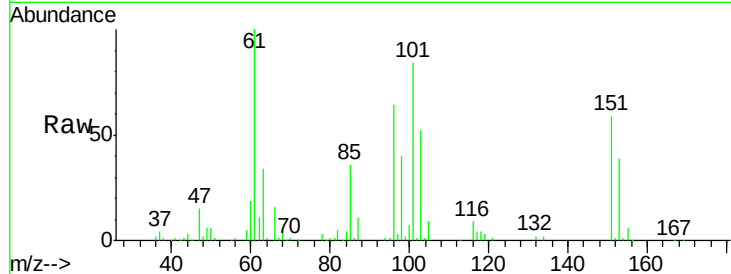
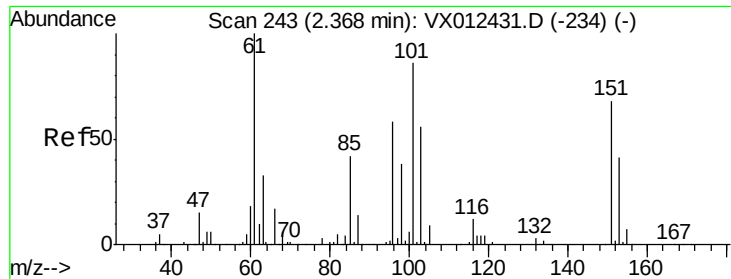


#8

Diethyl Ether
Concen: 17.787 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	49.9	149.7





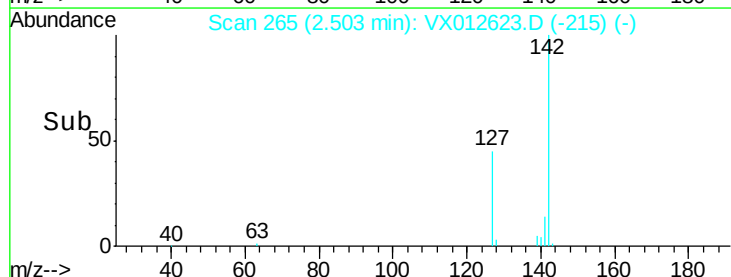
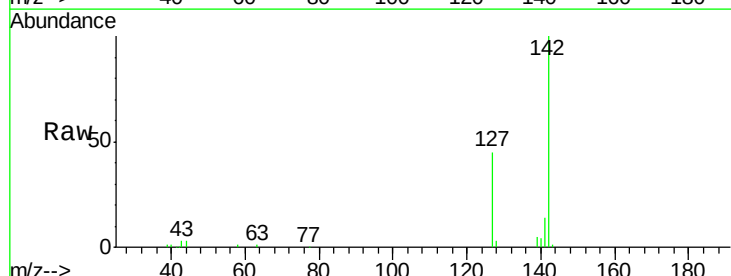
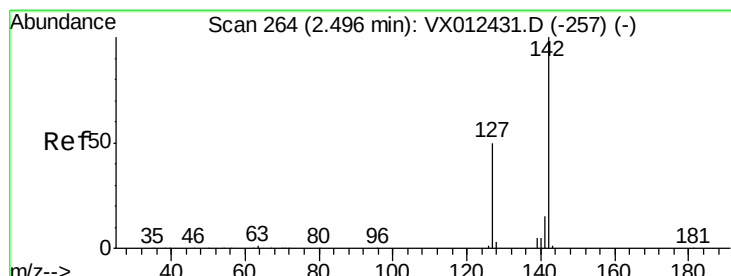
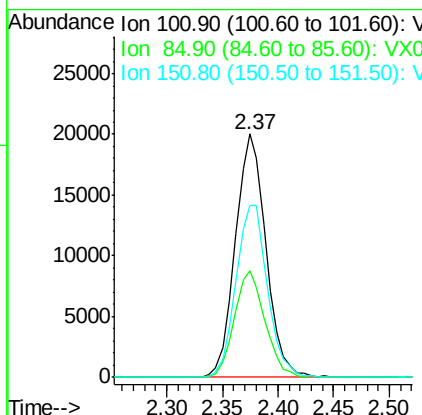
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.818 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	37969		
85	43.9		37.3	55.9
151	73.0		61.0	91.4

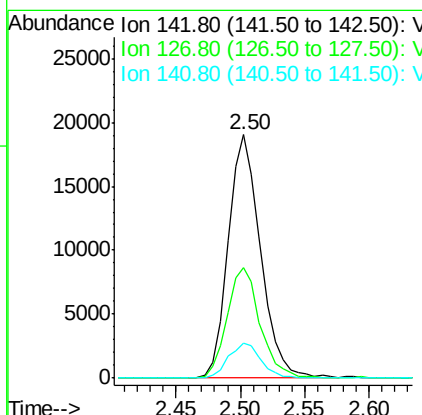
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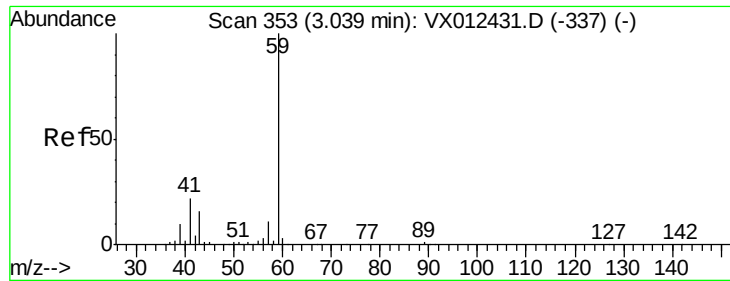
MMDadoda
9/25/2019 9:29:47 AM



#10
Methyl Iodide
Concen: 19.083 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	33338		
127	46.4		40.8	61.2
141	14.4		12.1	18.1





#11

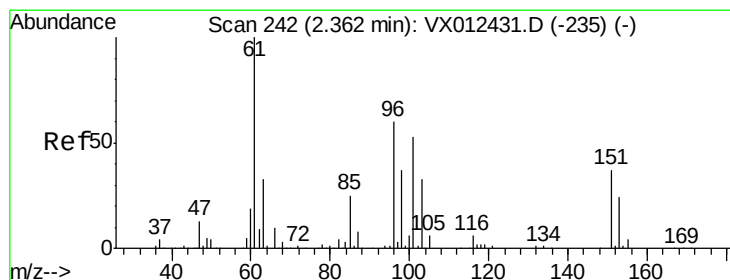
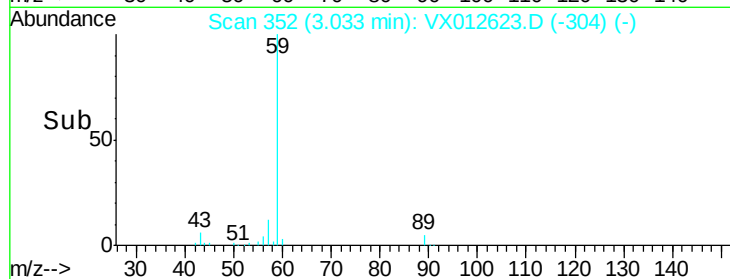
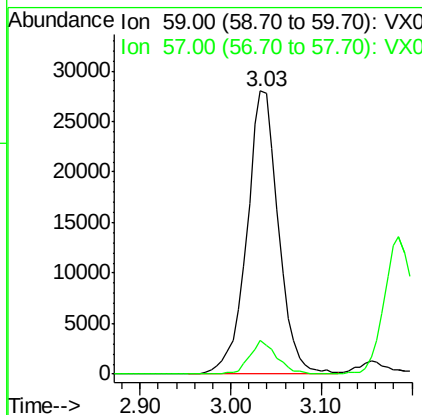
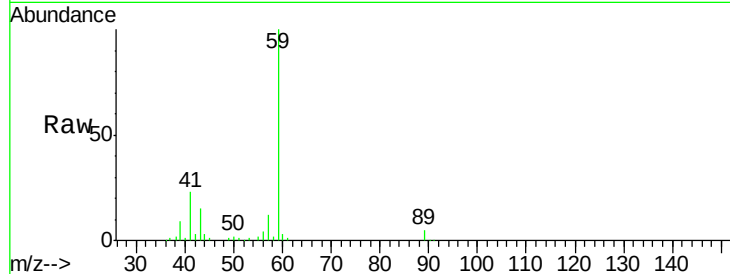
Tert butyl alcohol
 Concen: 101.201 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.3	12.5

Manual Integrations
 APPROVED

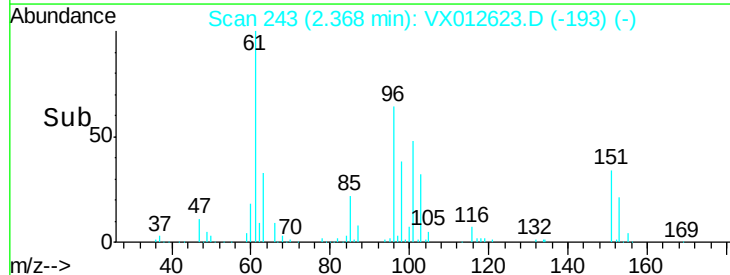
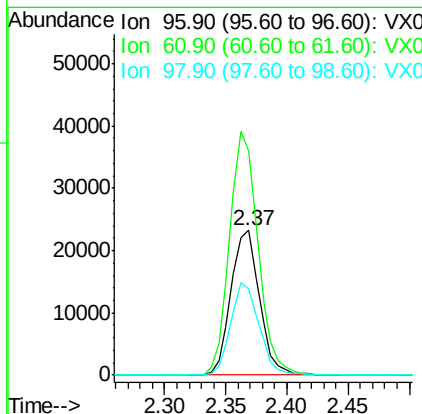
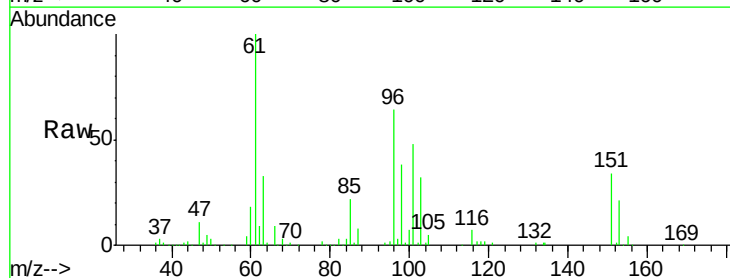
MMDadoda
 9/25/2019 9:29:47 AM

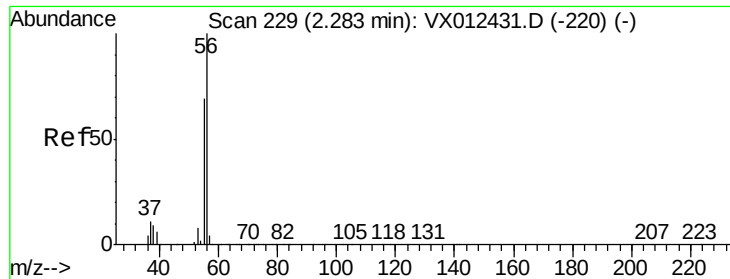


#12

1,1-Dichloroethene
 Concen: 18.962 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.1	133.8	200.6
98	59.5	49.9	74.9





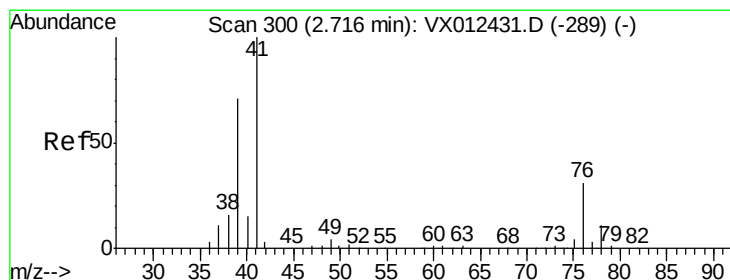
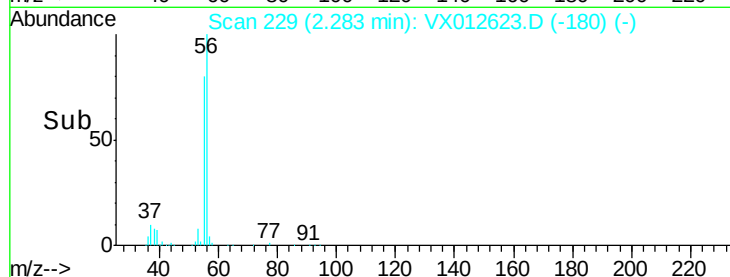
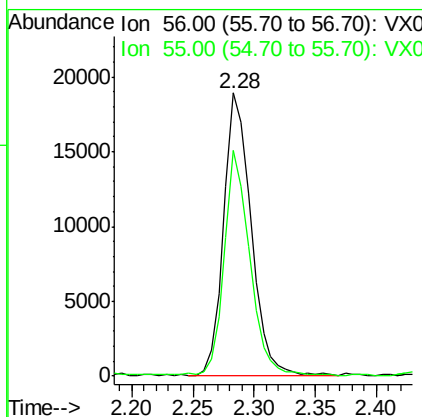
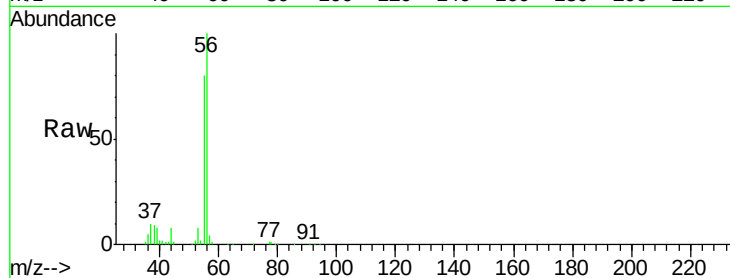
#13
Acrolein
Concen: 86.614 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.5	55.8	83.8

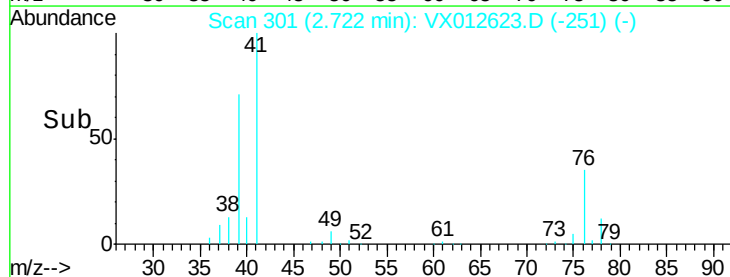
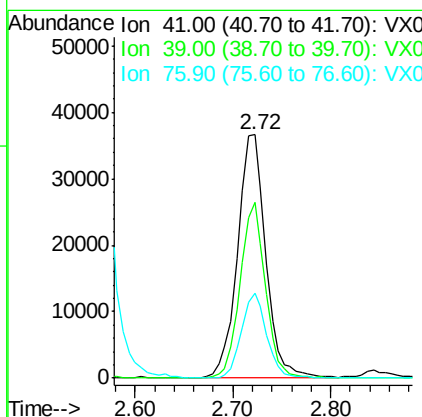
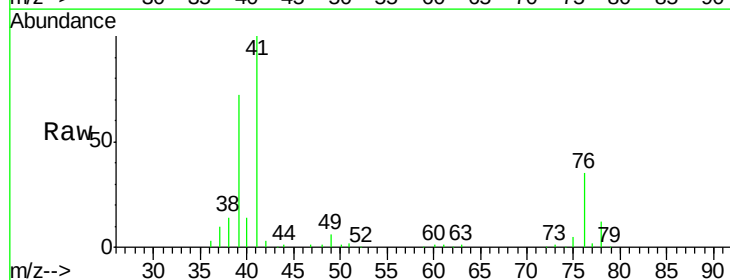
Manual Integrations
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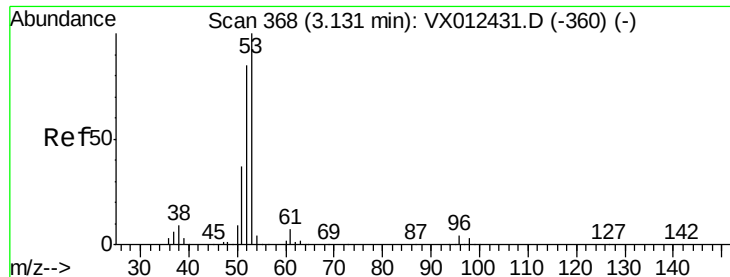
MMDadoda
9/25/2019 9:29:47 AM



#14
Allyl chloride
Concen: 18.806 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	51.3	76.9
76	31.2	22.6	33.8





#15

Acrylonitrile

Concen: 97.303 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

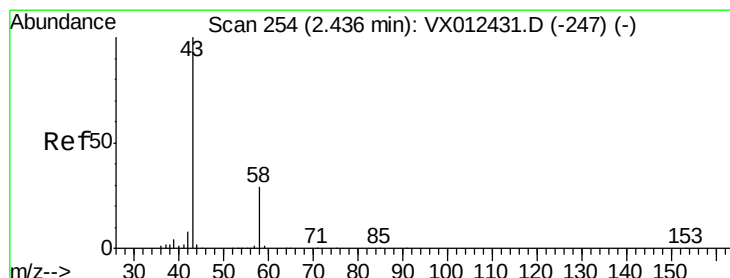
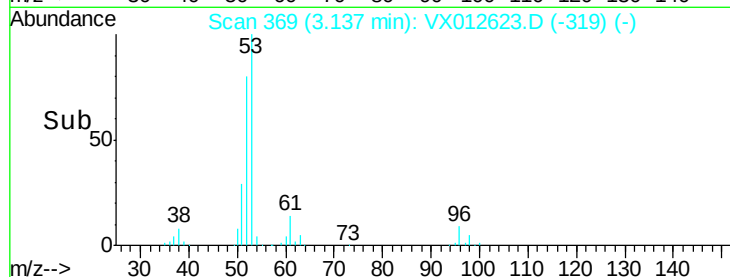
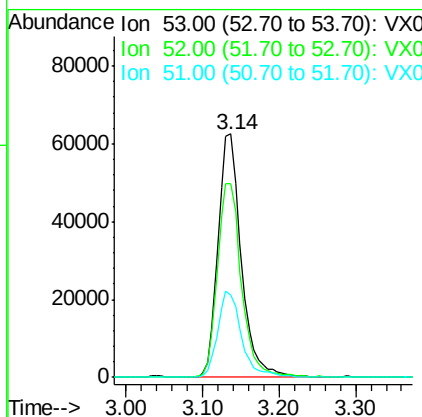
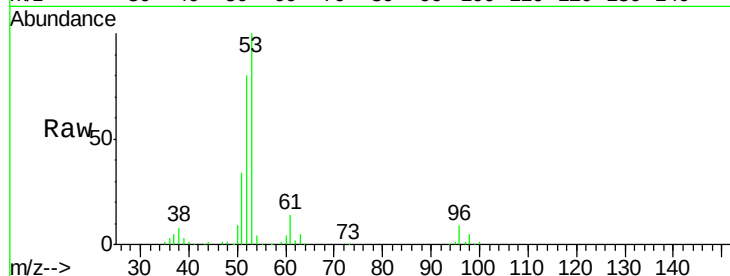
ClientSampleId :

VX0924WBS01

Tot Ion:	53	Resp:	131958
Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.0	100.4
51	36.4	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 97.112 ug/l

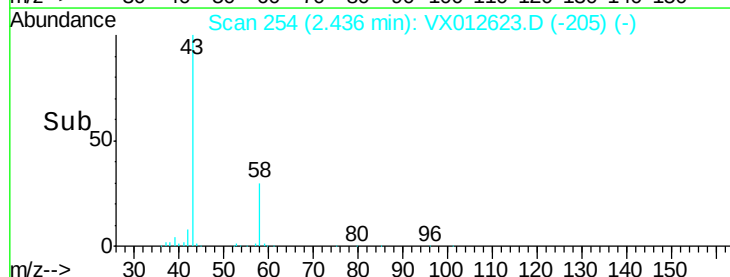
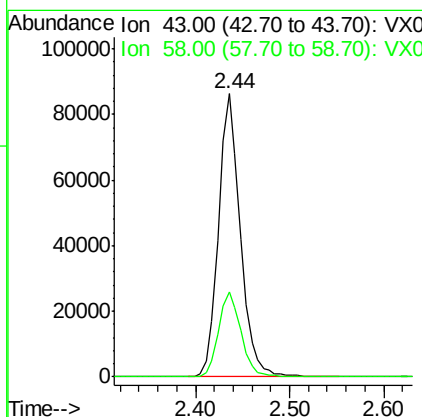
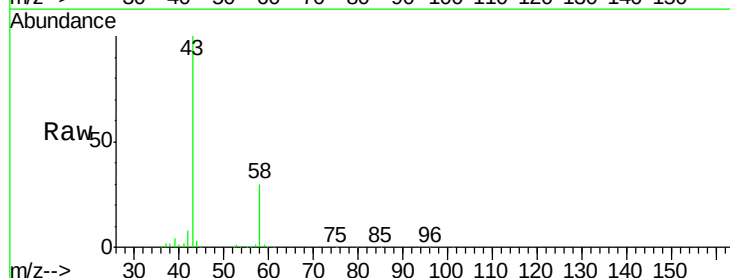
RT: 2.44 min Scan# 254

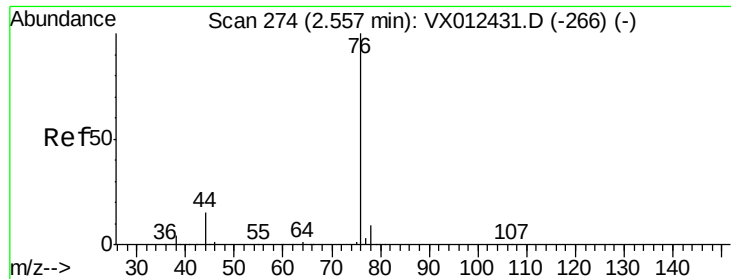
Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Tgt Ion:	43	Resp:	137643
Ion	Ratio	Lower	Upper
43	100		
58	29.9	23.3	34.9





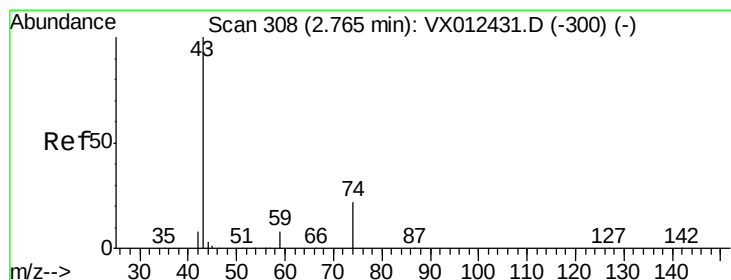
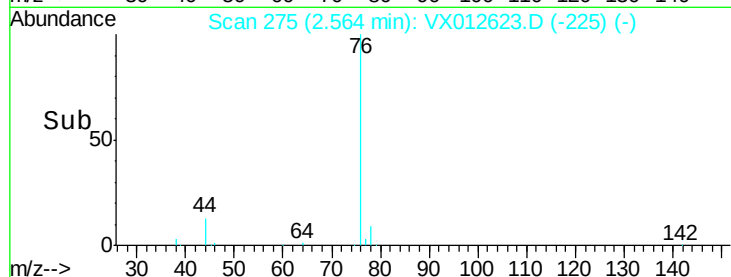
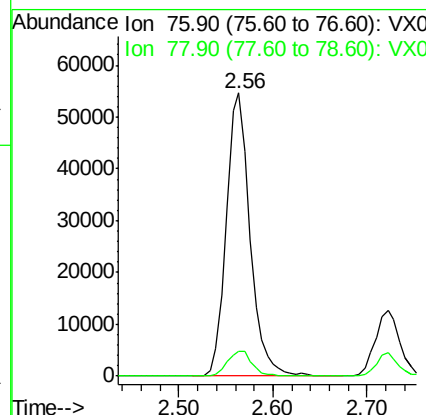
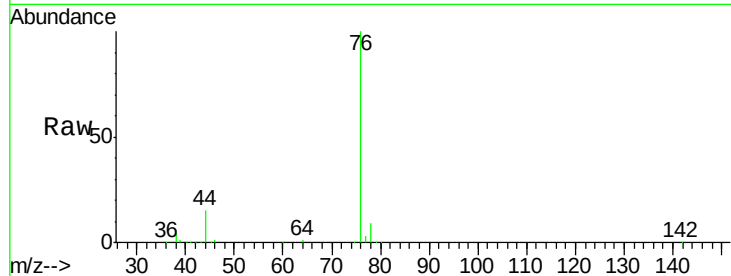
#17
Carbon Disulfide
Concen: 17.305 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

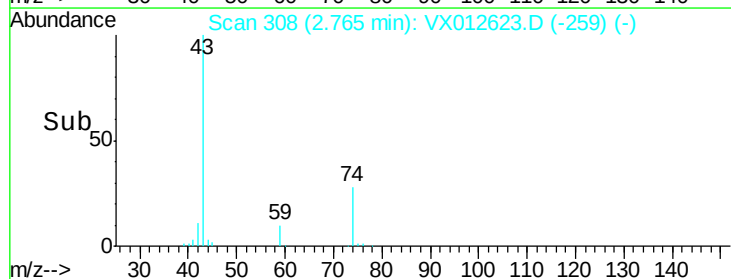
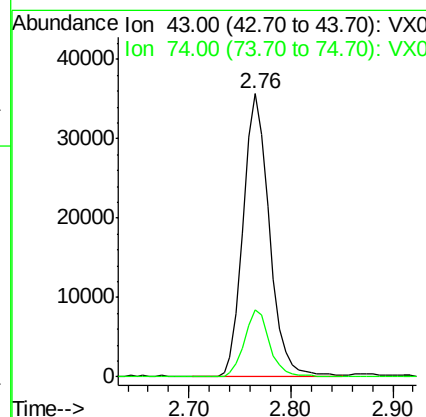
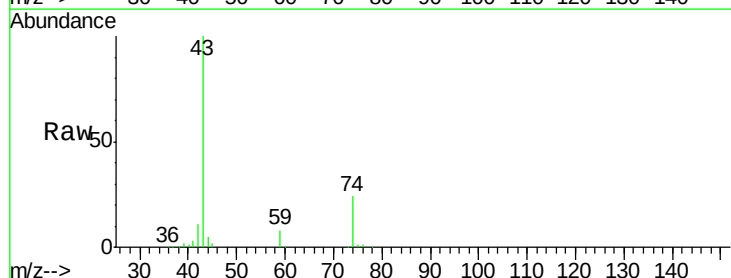
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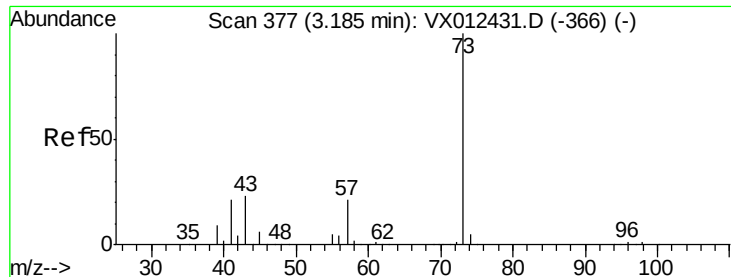
MMDadoda
9/25/2019 9:29:47 AM



#18
Methyl Acetate
Concen: 19.088 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.9	17.7	26.5





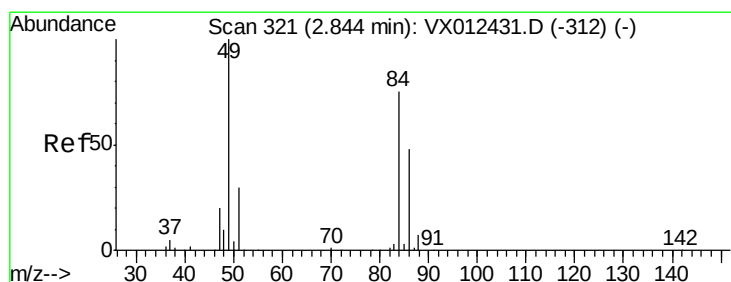
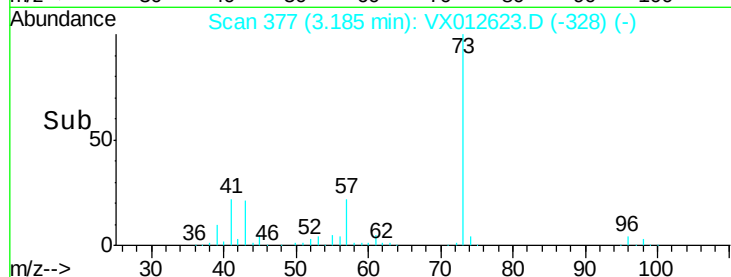
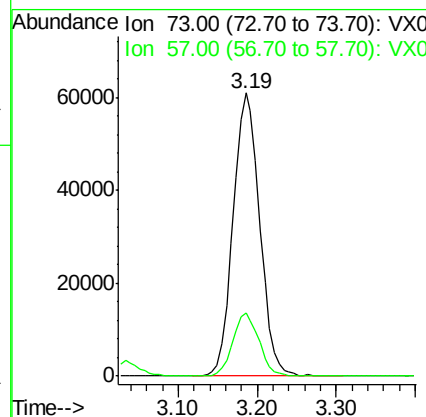
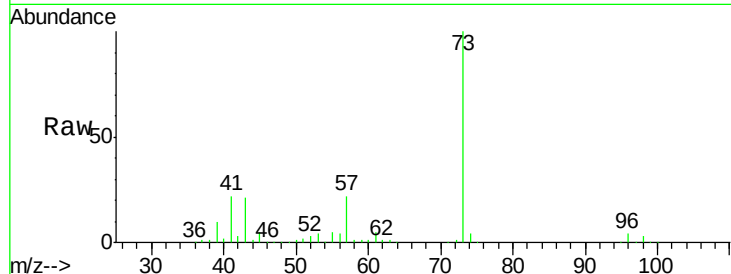
#19
Methyl tert-butyl Ether
Concen: 19.108 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	16.8	25.2

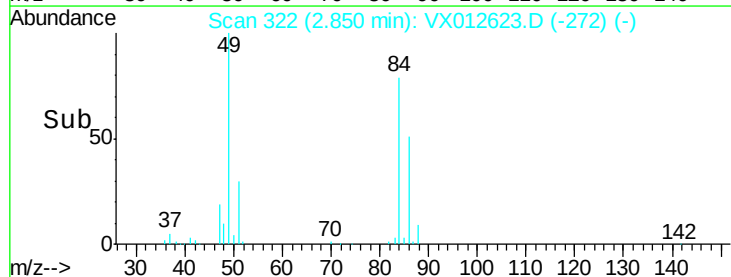
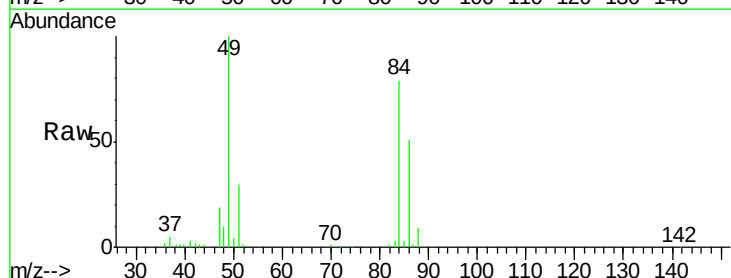
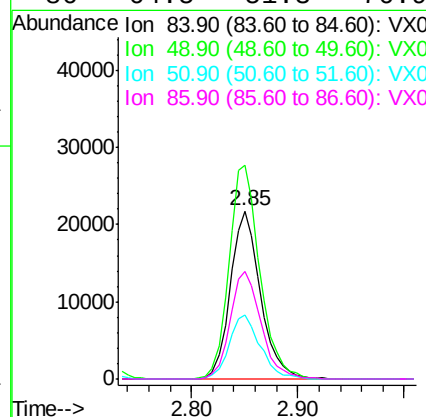
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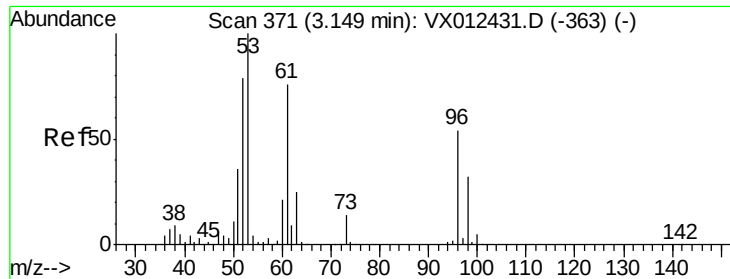
MMDadoda
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#20
Methylene Chloride
Concen: 17.948 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.4	106.8	160.2
51	38.4	32.3	48.5
86	64.5	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 18.338 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

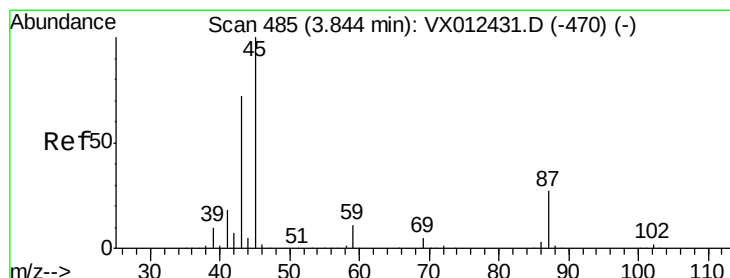
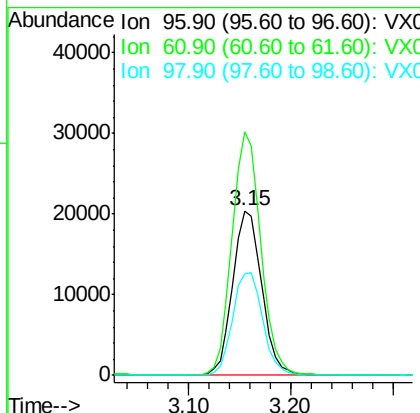
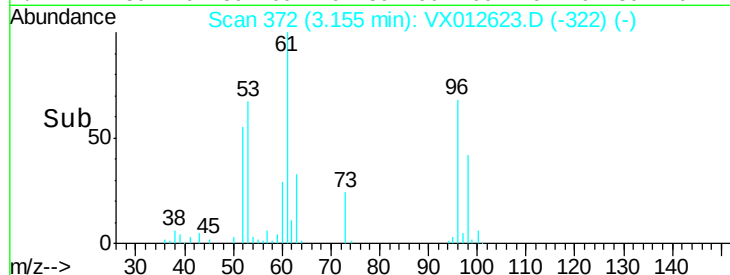
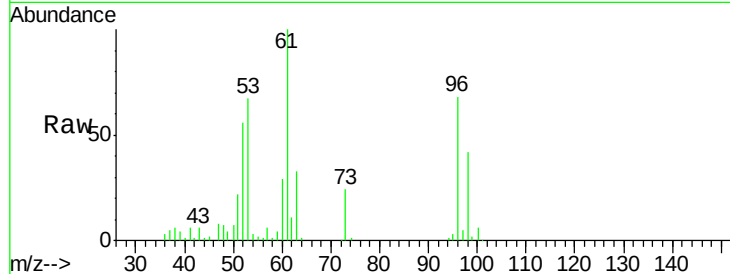
ClientSampleId :

VX0924WBS01

Tot Ion:	96	Resp:	40140
Ion	Ratio	Lower	Upper
96	100		
61	148.0	112.0	168.0
98	62.0	47.8	71.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.175 ug/l

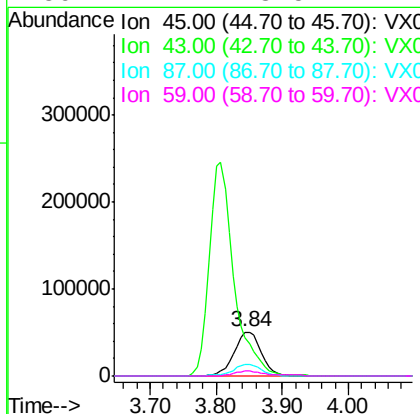
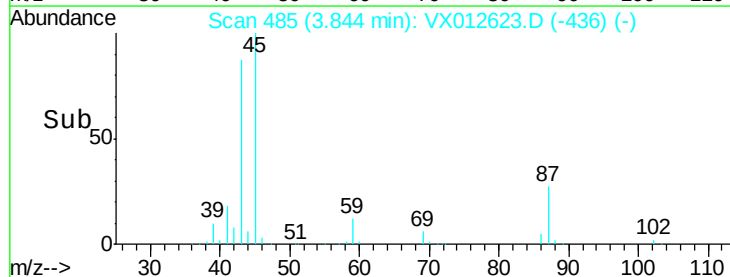
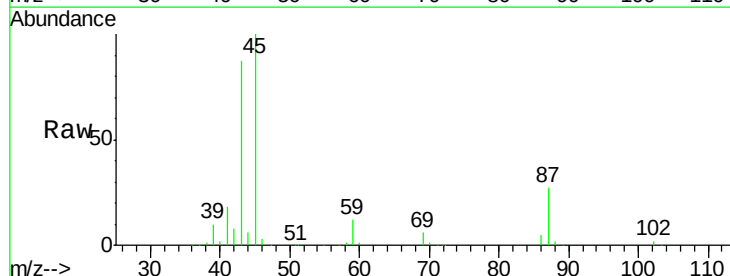
RT: 3.84 min Scan# 485

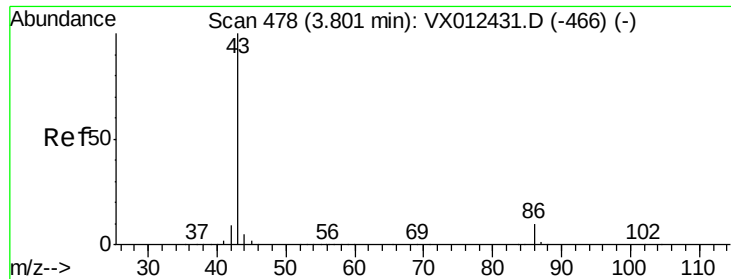
Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Tgt Ion:	45	Resp:	145233
Ion	Ratio	Lower	Upper
45	100		
43	86.9	57.8	86.8#
87	26.6	21.3	31.9
59	12.1	8.5	12.7





#23

Vinyl Acetate

Concen: 95.938 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion: 43 Resp: 637241

Ion Ratio Lower Upper

43 100

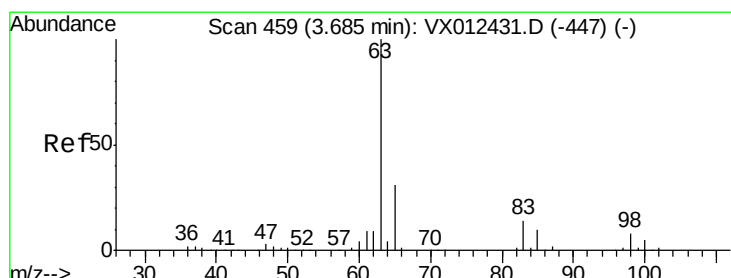
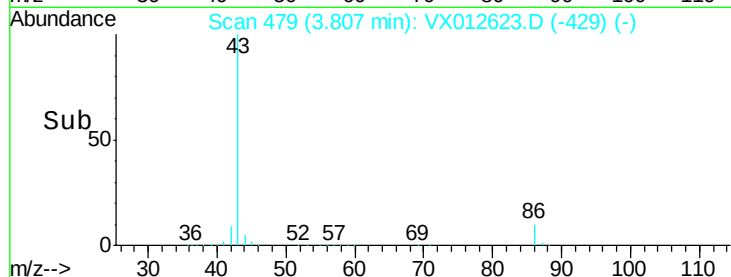
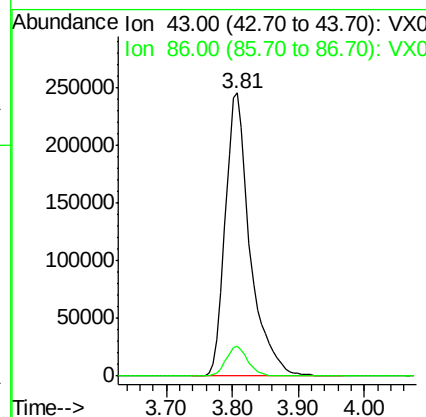
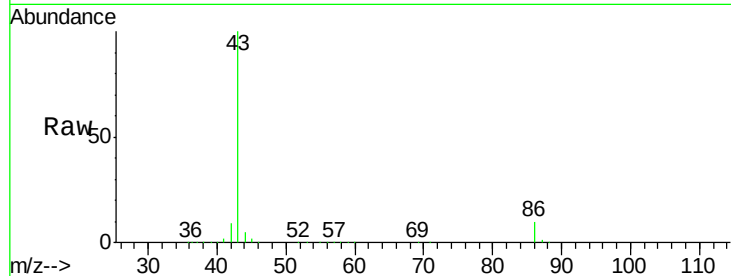
86 10.4 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.847 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

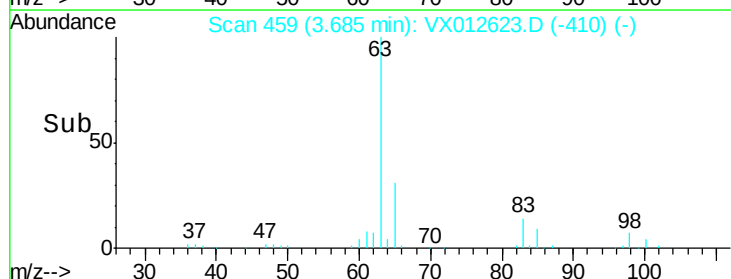
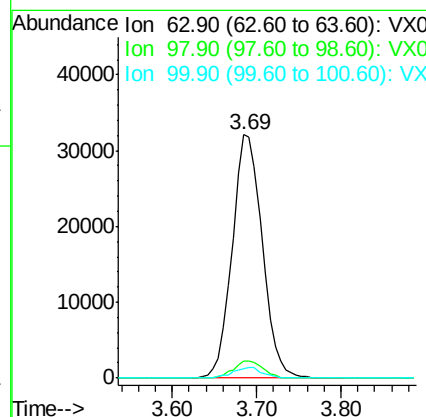
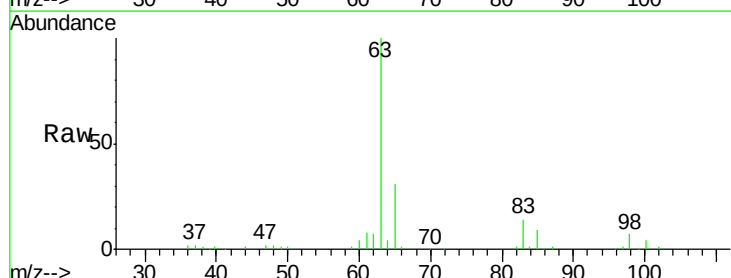
Tgt Ion: 63 Resp: 77598

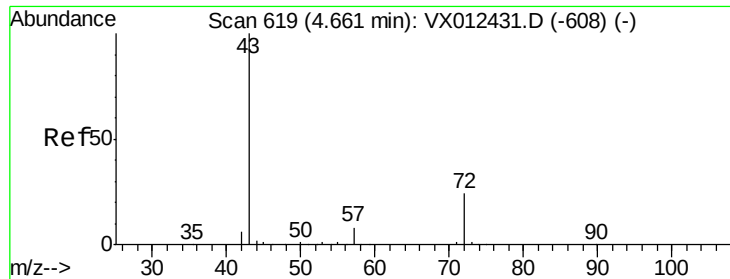
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 4.0 2.3 6.9





#25

2-Butanone

Concen: 96.574 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion: 43 Resp: 196266

Ion Ratio Lower Upper

43 100

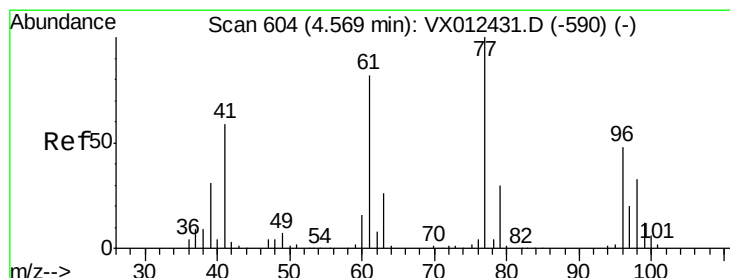
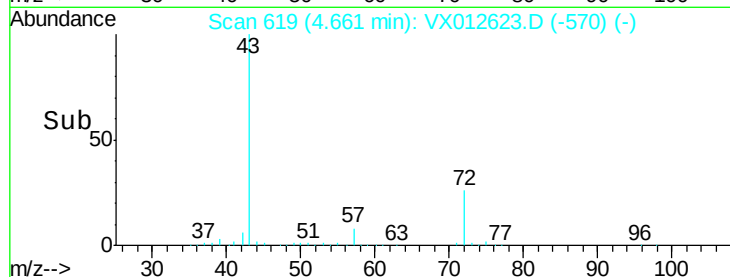
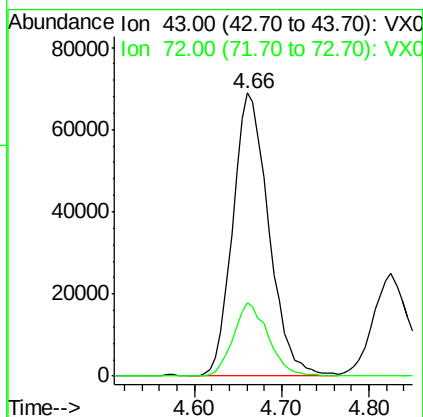
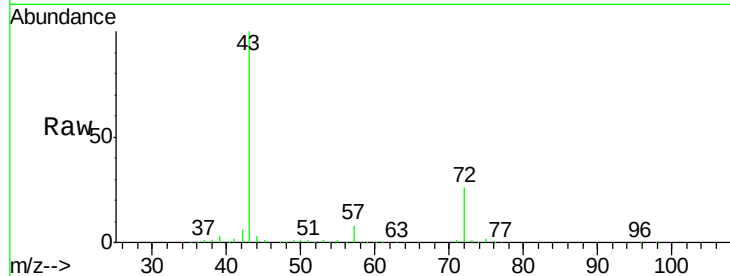
72 25.7 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.335 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX012623.D

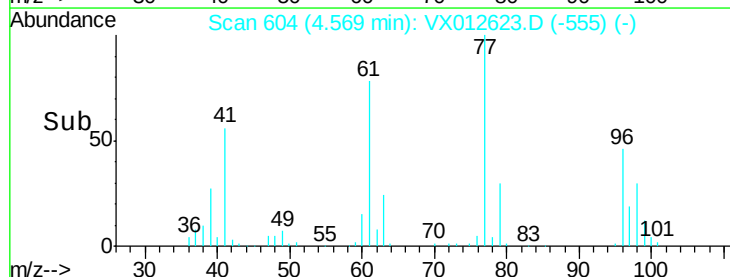
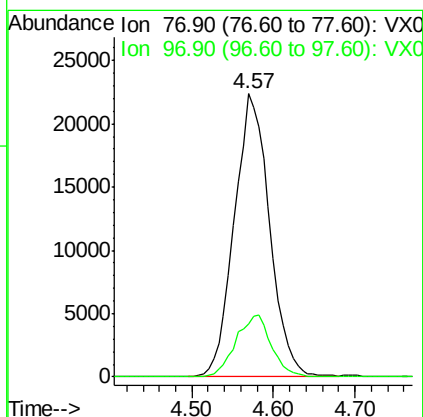
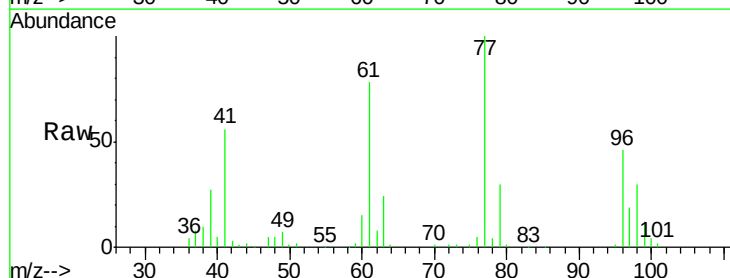
Acq: 24 Sep 2019 11:26

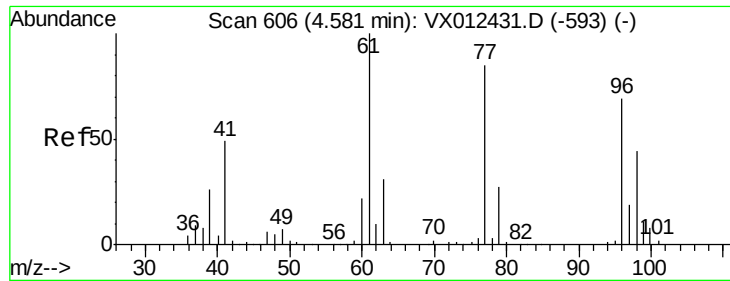
Tgt Ion: 77 Resp: 67139

Ion Ratio Lower Upper

77 100

97 21.9 10.5 31.6





#27

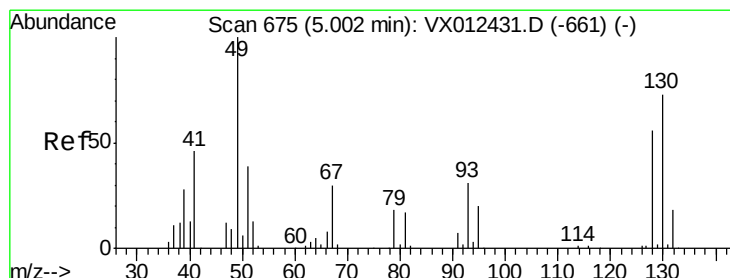
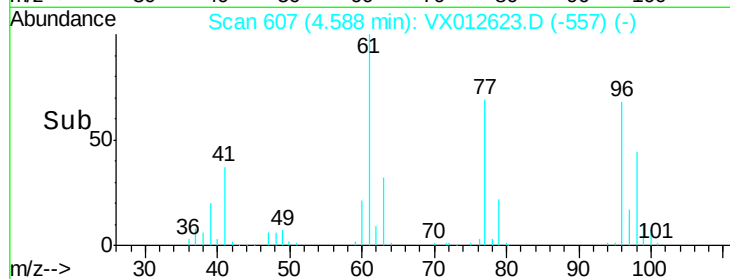
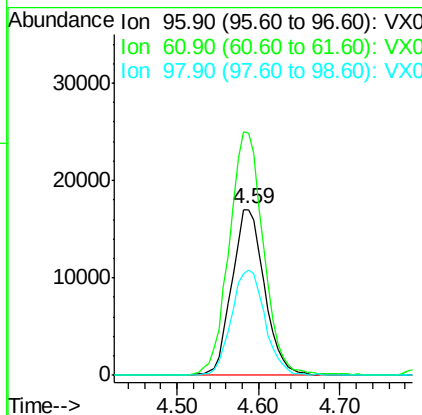
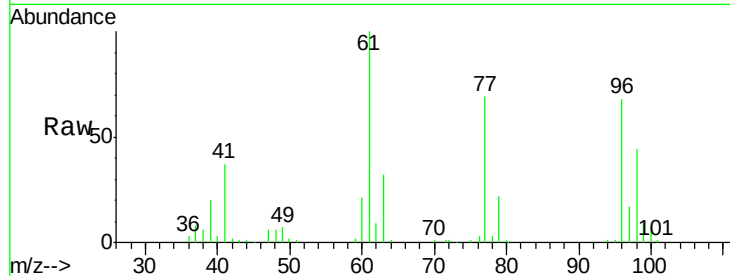
cis-1,2-Dichloroethene
Concen: 18.600 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.2	0.0	319.4
98	64.6	0.0	130.6

Manual Integrations
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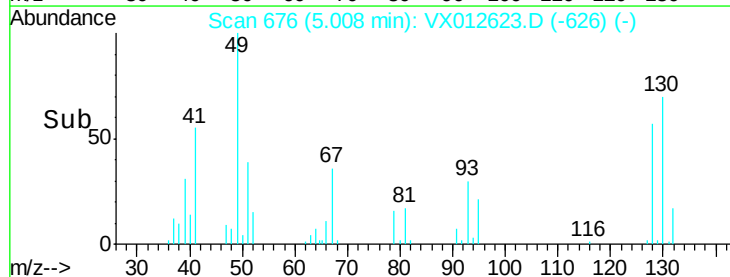
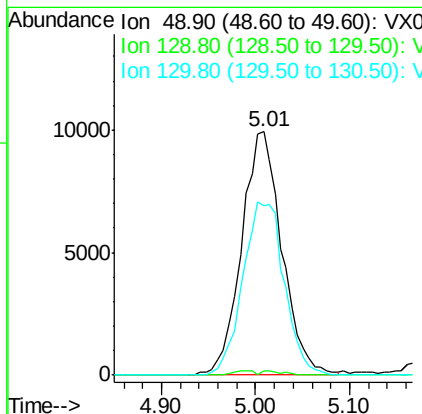
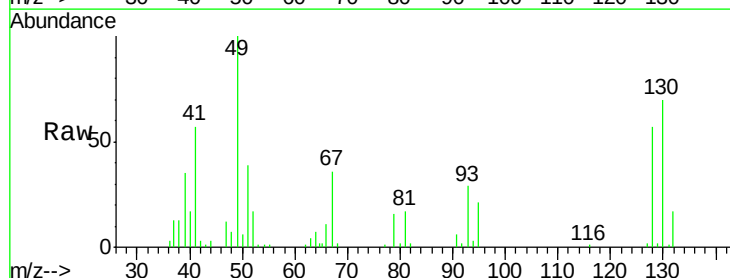
MMDadoda
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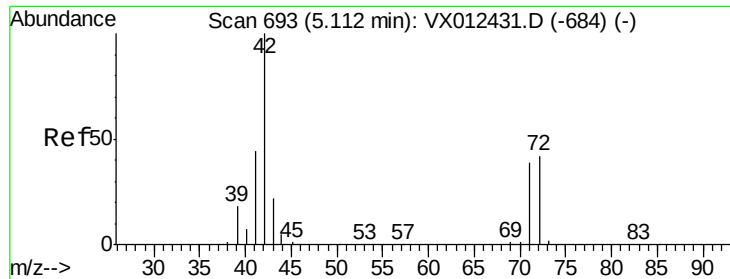


#28

Bromochloromethane
Concen: 19.778 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.8
130	73.1	58.2	87.4





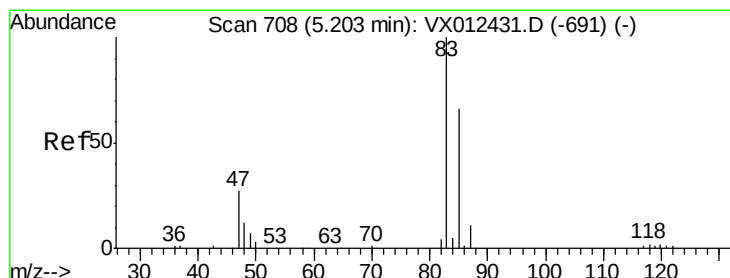
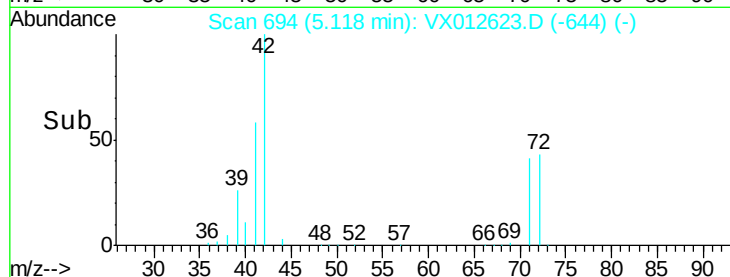
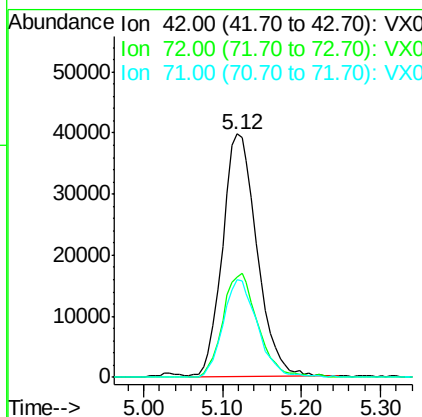
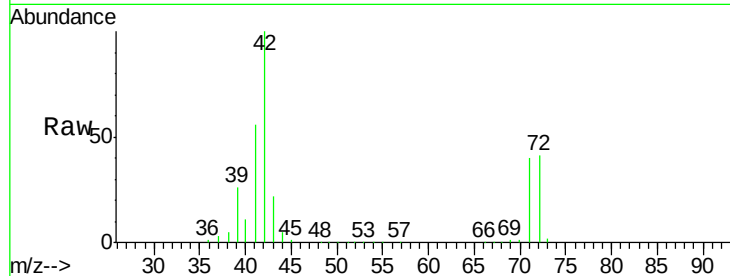
#29
Tetrahydrofuran
Concen: 97.350 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.0	51.0
71	39.9	31.5	47.3

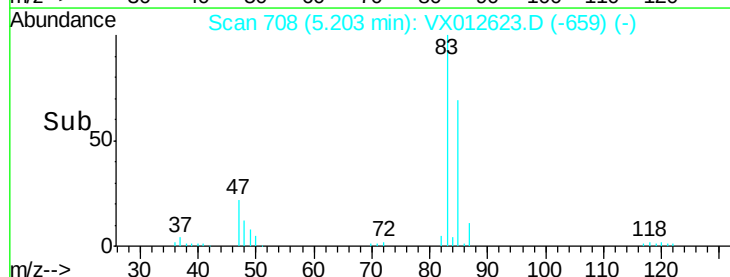
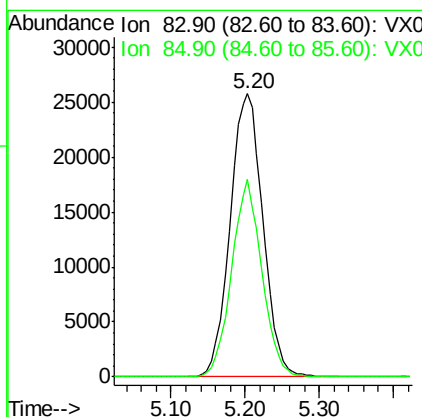
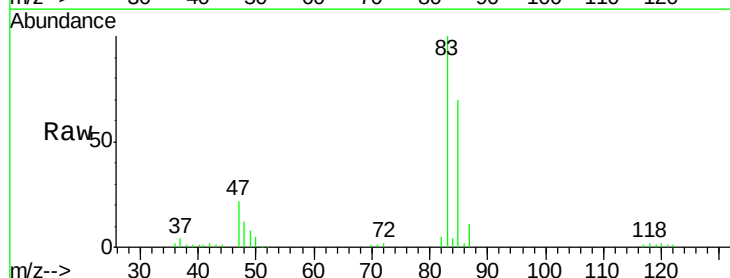
Manual Integrations
APPROVED

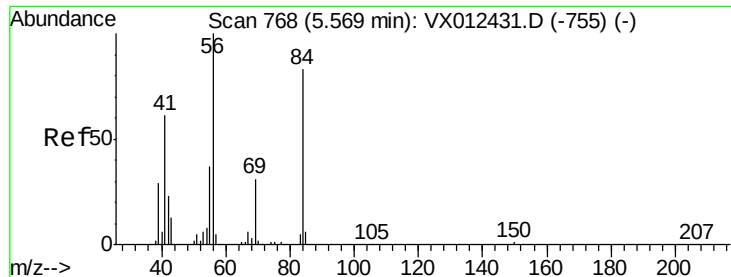
MMDadoda
9/25/2019 9:29:47 AM



#30
Chloroform
Concen: 18.865 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.8	53.0	79.4





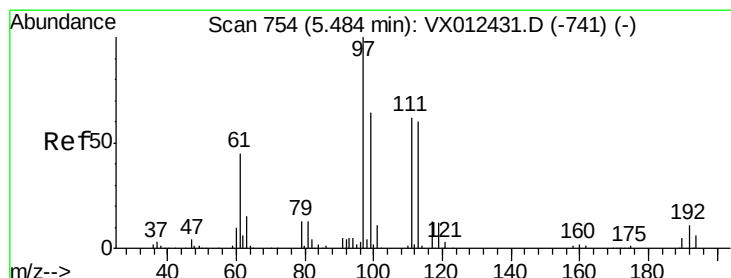
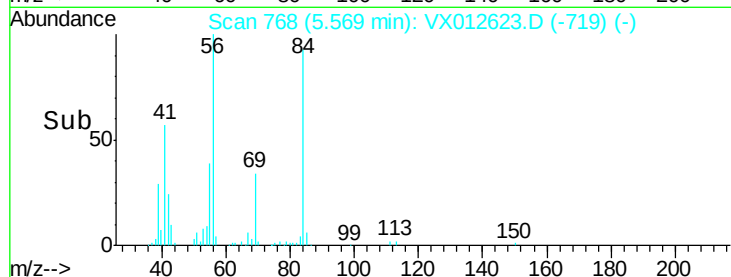
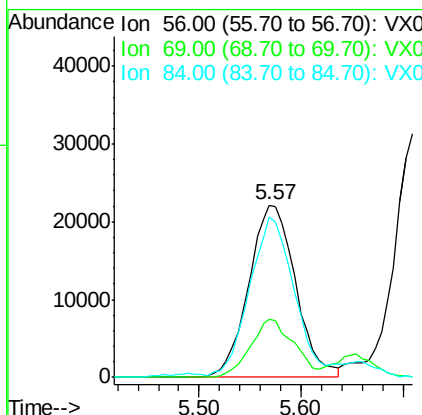
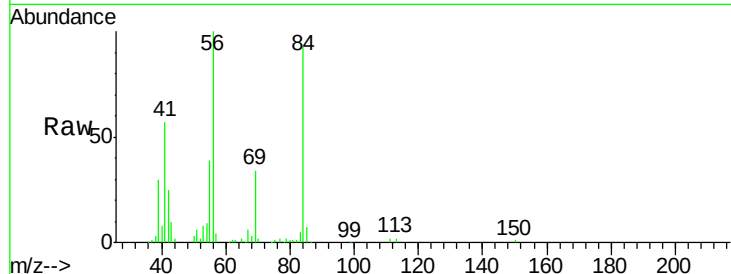
#31
Cyclohexane
Concen: 18.902 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	25.0	37.6
84	90.7	66.4	99.6

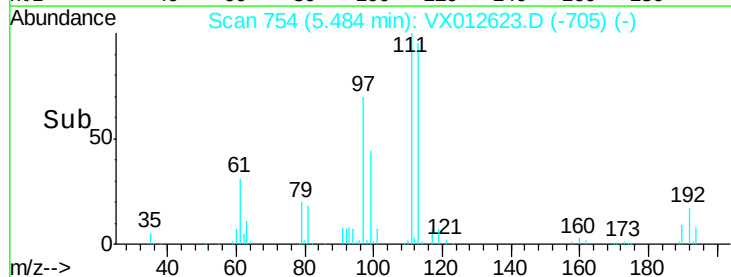
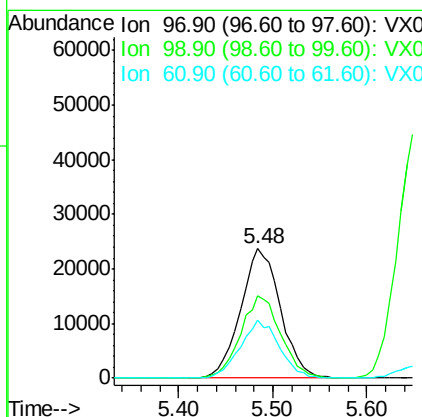
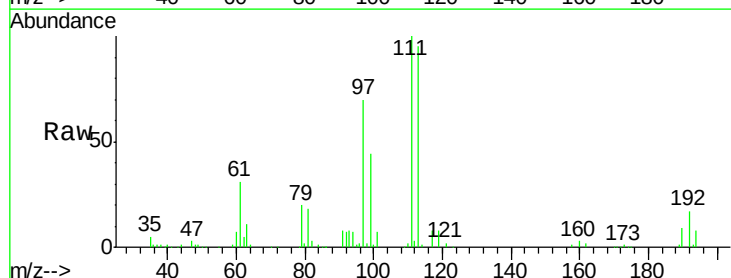
Manual Integrations
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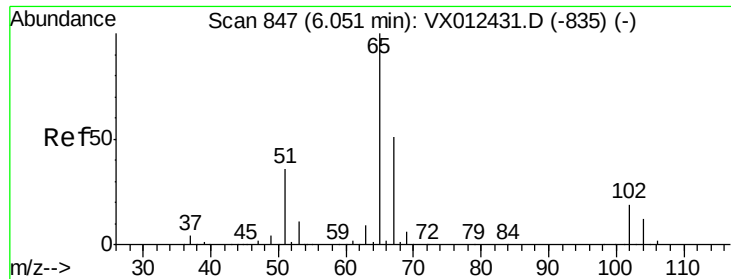
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#32
1,1,1-Trichloroethane
Concen: 18.791 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.3	76.9
61	44.0	36.1	54.1





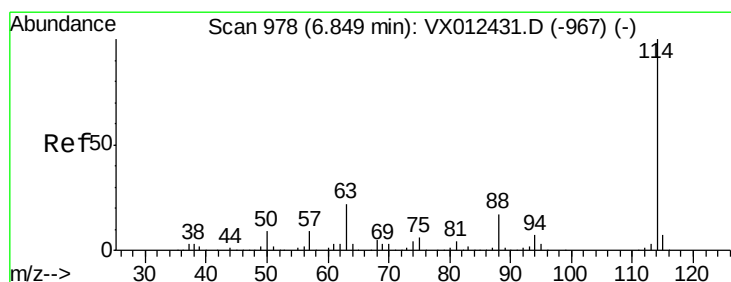
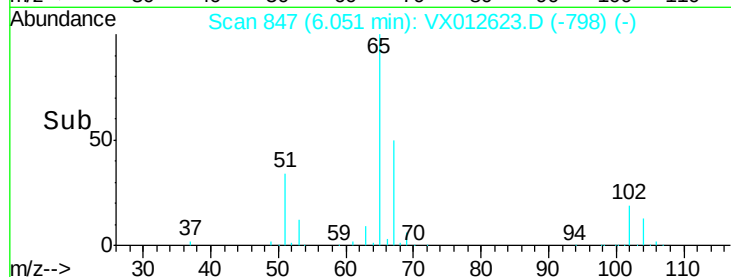
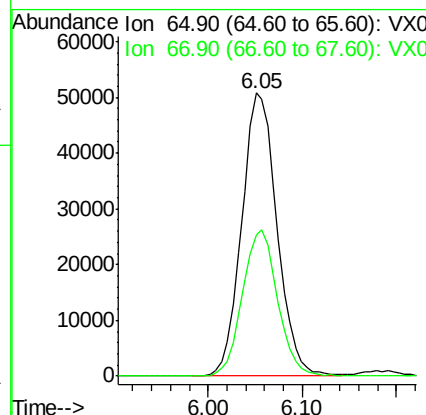
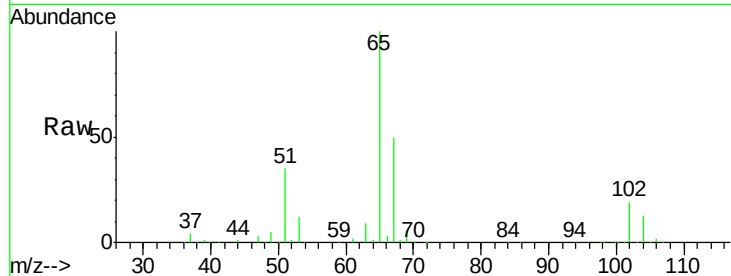
#33
 1,2-Dichloroethane-d4
 Concen: 49.851 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	133396		
67	51.4	0.0	101.2	

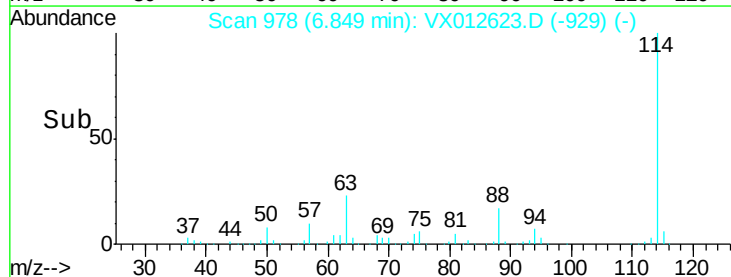
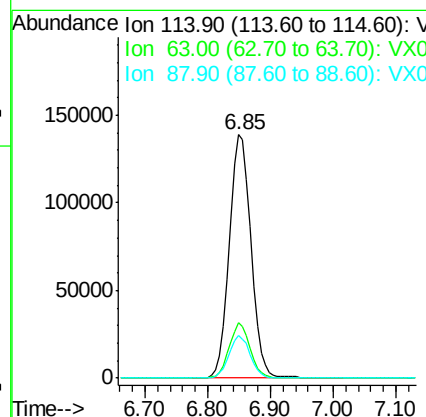
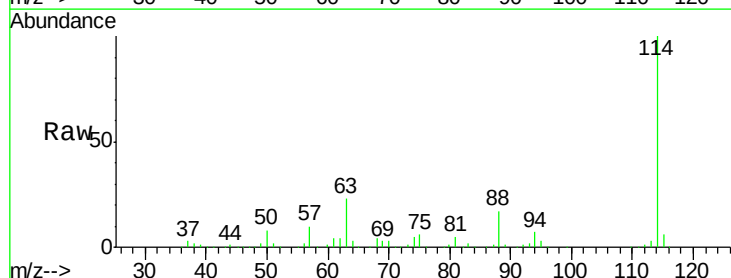
Manual Integrations
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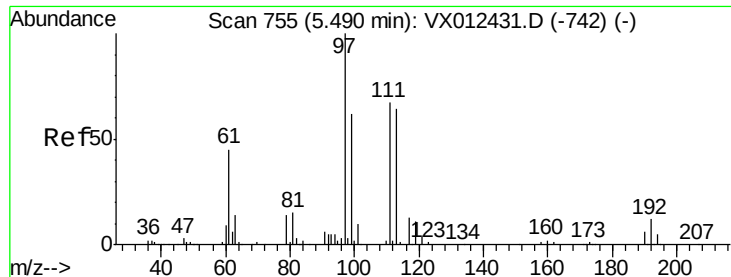
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	333733		
63	22.6	0.0	43.2	
88	17.3	0.0	33.2	





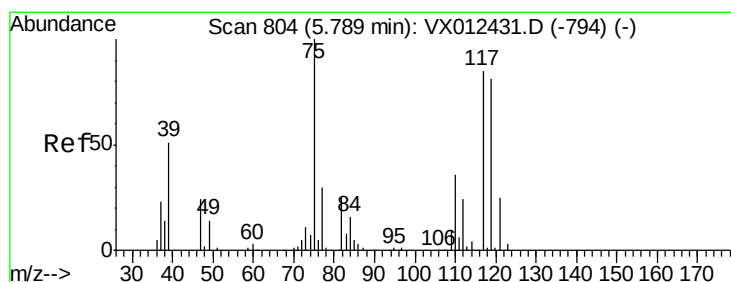
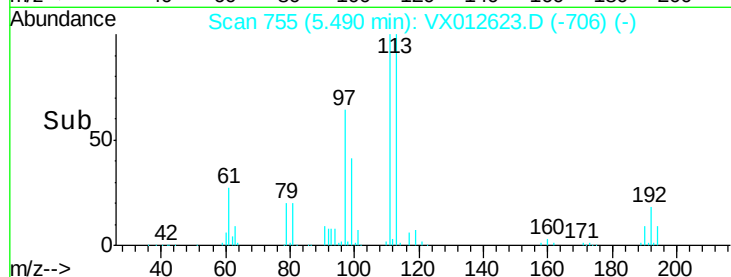
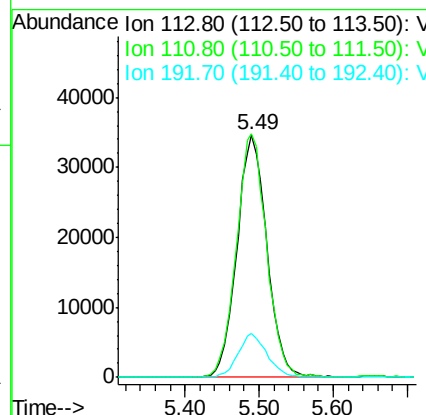
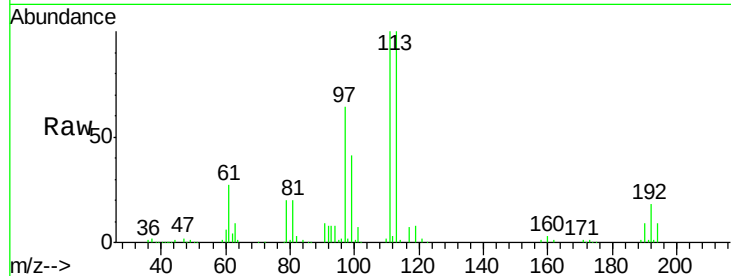
#35
 Dibromofluoromethane
 Concen: 49.088 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	97564		
111	100.9		83.4	125.2
192	17.4		14.4	21.6

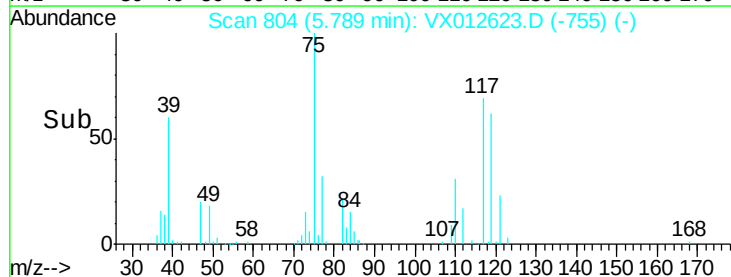
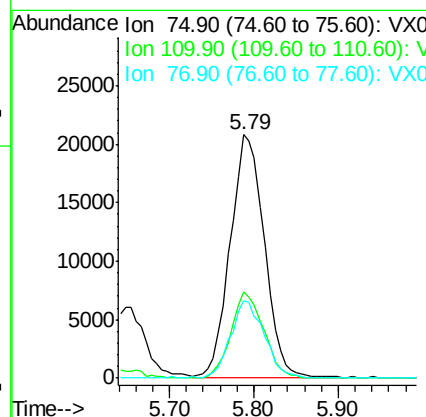
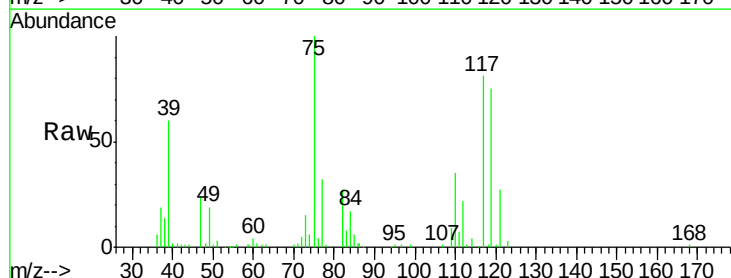
Manual Integrations
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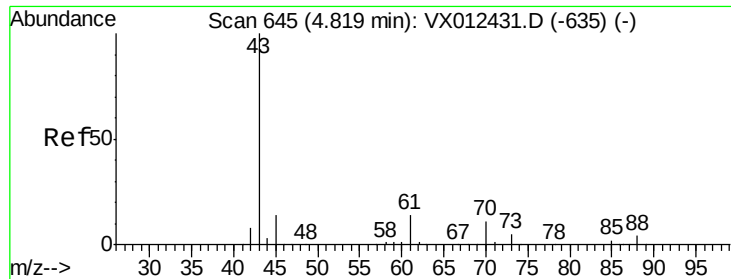
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#36
 1,1-Dichloropropene
 Concen: 17.911 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	57615		
110	33.6		16.7	50.0
77	31.5		24.2	36.2





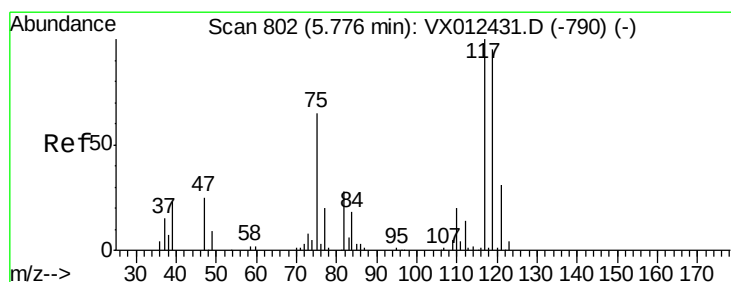
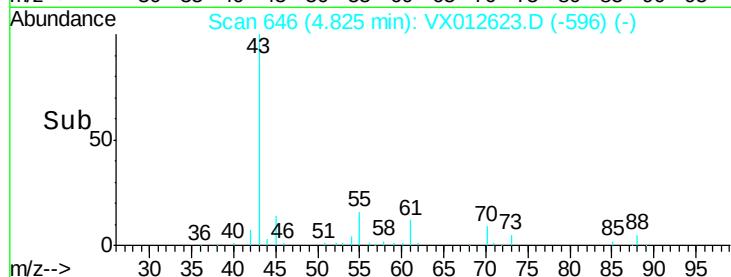
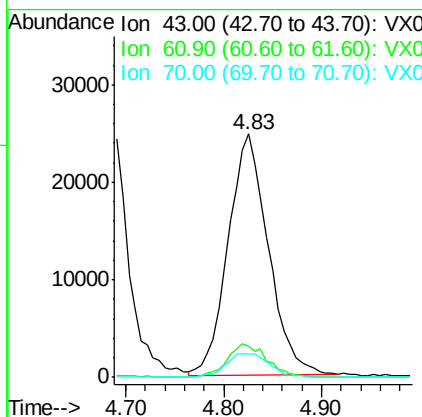
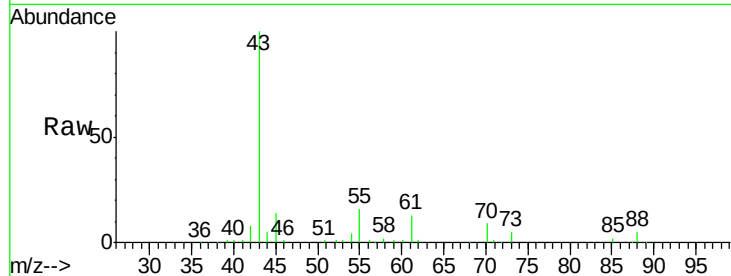
#37
Ethyl Acetate
Concen: 18.668 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	10.2	15.4
70	10.9	8.7	13.1

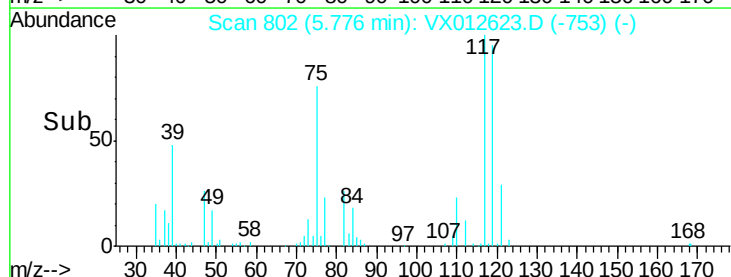
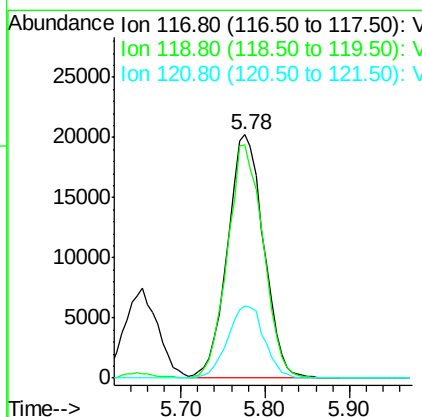
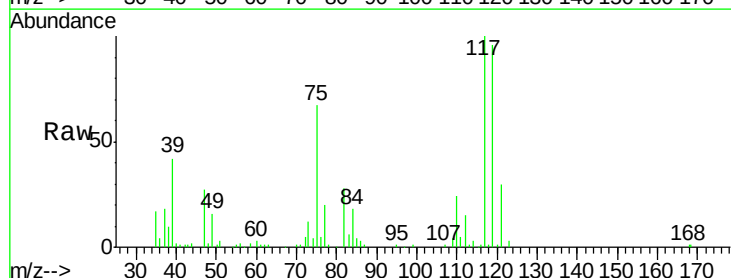
Manual Integrations
APPROVED

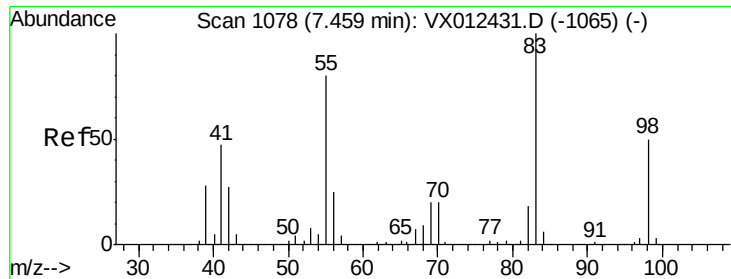
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#38
Carbon Tetrachloride
Concen: 18.043 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.7	113.5
121	29.6	24.2	36.4





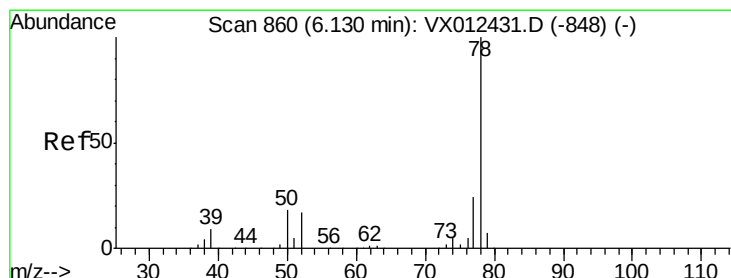
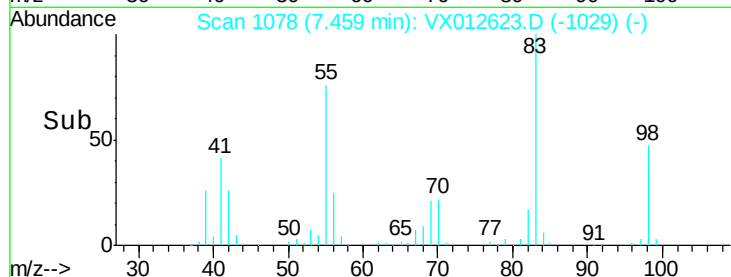
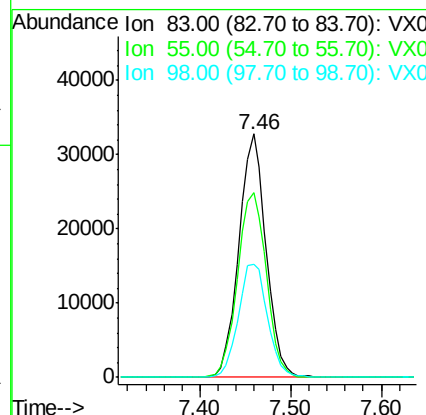
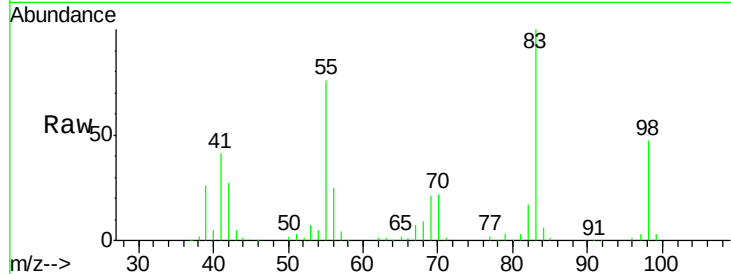
#39
Methylvlcyclohexane
Concen: 17.723 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	64.4	96.6
98	46.6	40.1	60.1

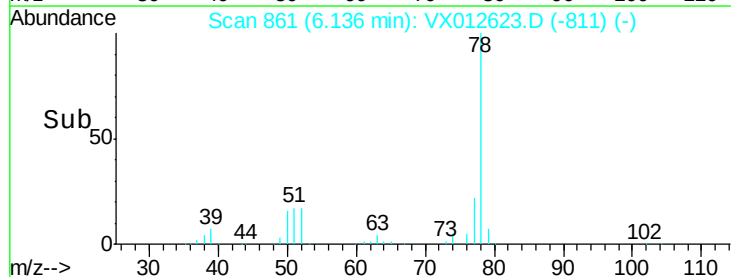
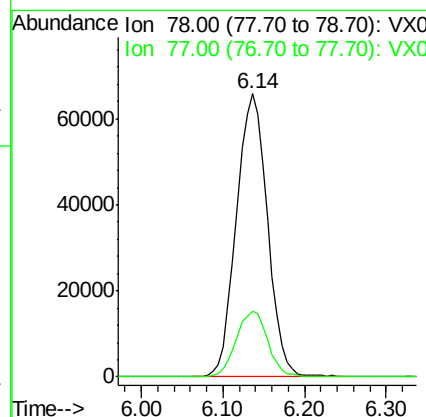
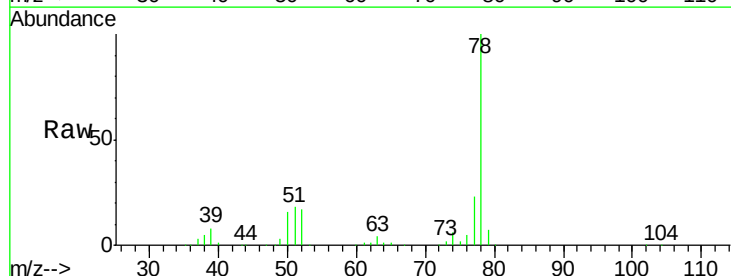
Manual Integrations
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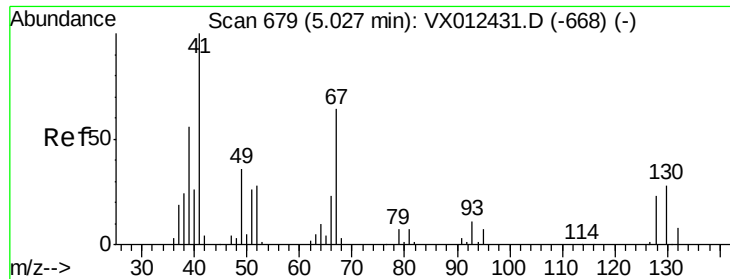
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#40
Benzene
Concen: 18.353 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.2	28.8





#41

Methacrylonitrile

Concen: 18.457 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

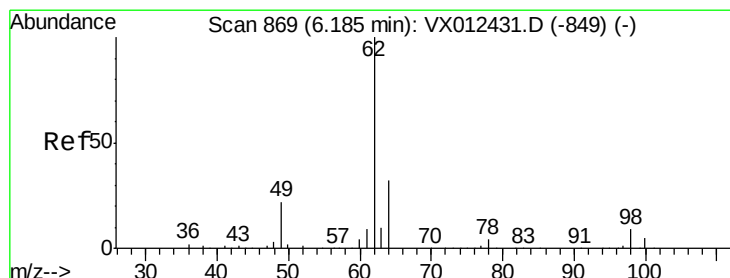
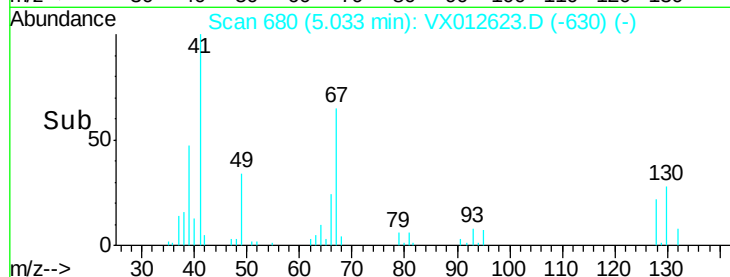
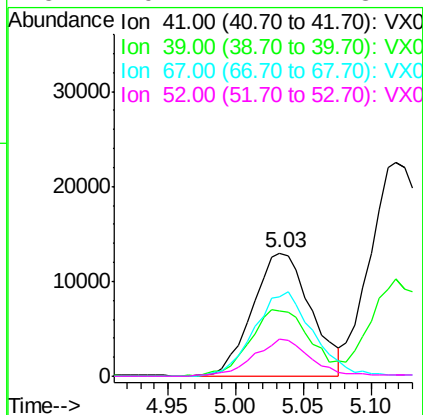
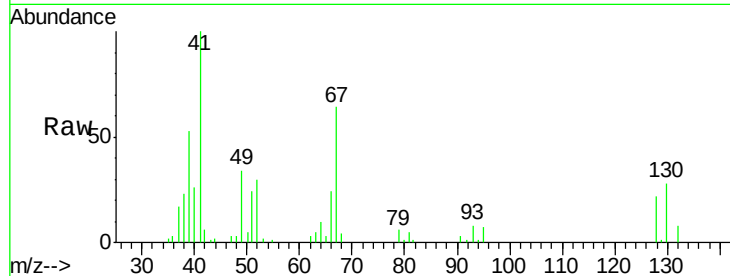
ClientSampleId :

VX0924WBS01

Tot Ion:	41	Resp:	38946
Ion Ratio	Lower	Upper	
41	100		
39	57.7	46.0	69.0
67	69.3	52.2	78.2
52	29.2	22.7	34.1

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 18.868 ug/l

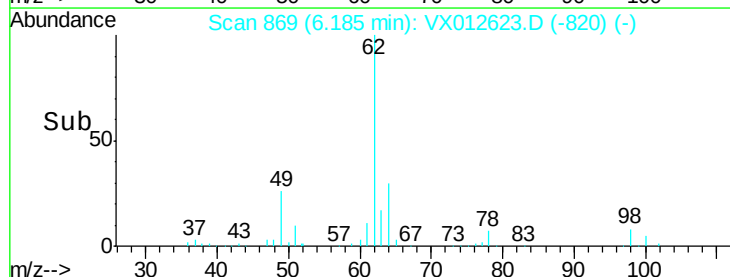
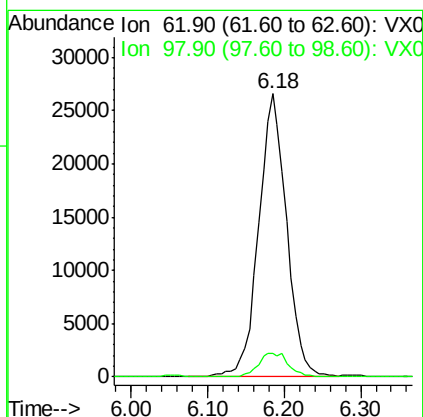
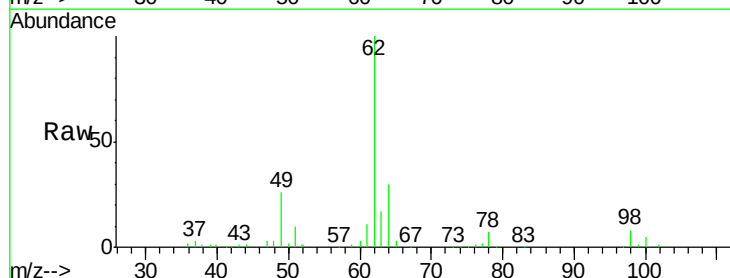
RT: 6.18 min Scan# 869

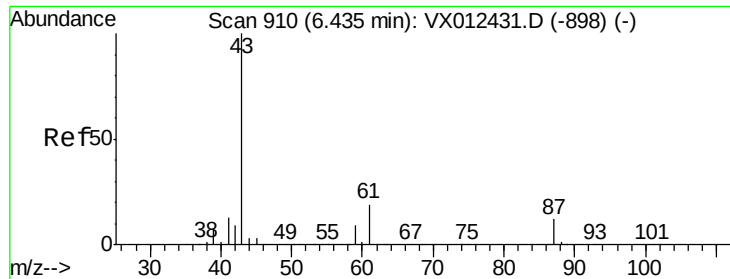
Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Tgt Ion:	62	Resp:	67814
Ion Ratio	Lower	Upper	
62	100		
98	8.9	0.0	17.8





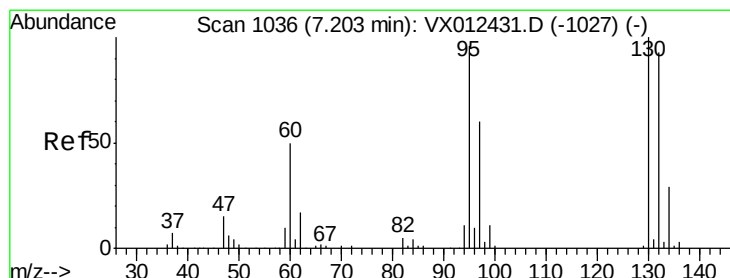
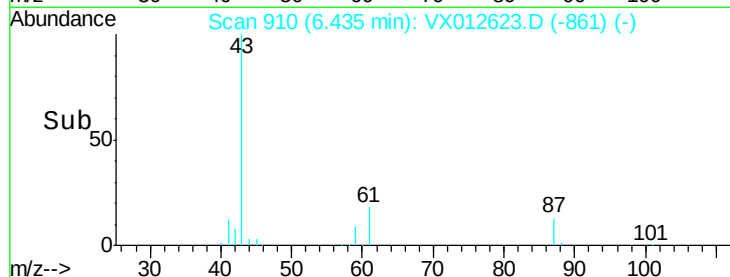
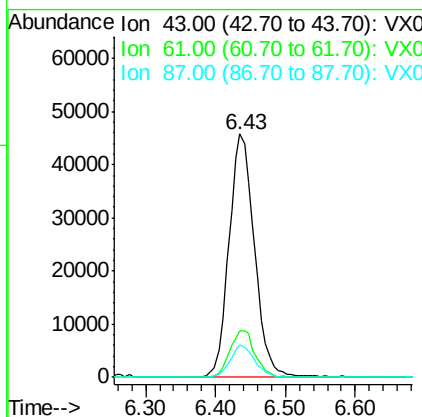
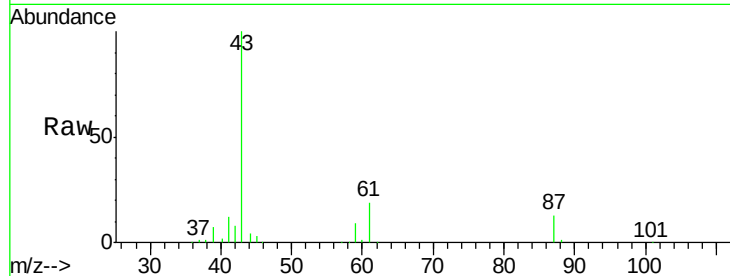
#43
Isopropyl Acetate
Concen: 18.258 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	12.8	9.8	14.8

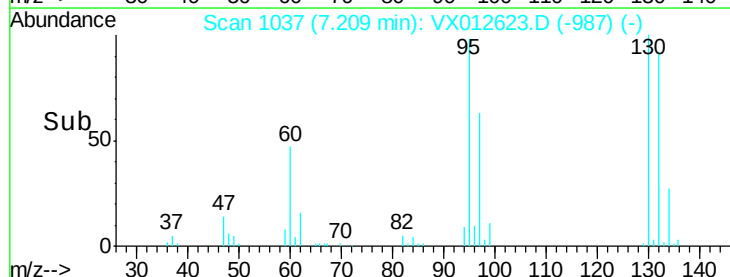
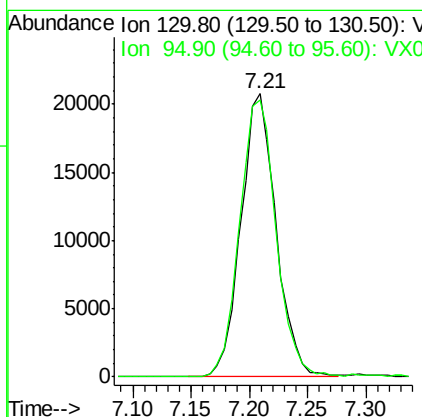
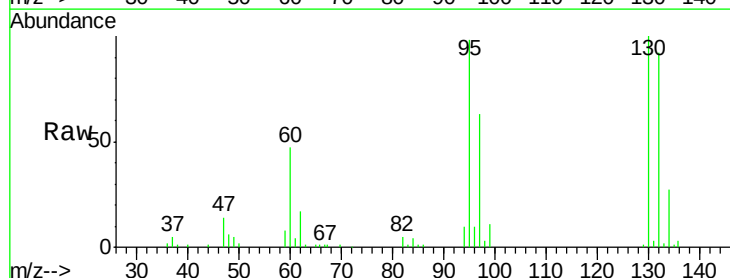
Manual Integrations
APPROVED

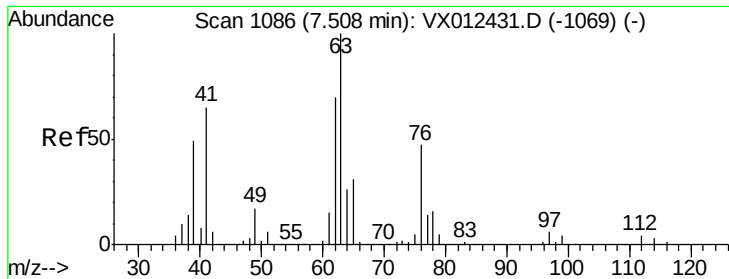
MMDadoda
9/25/2019 9:29:47 AM



#44
Trichloroethene
Concen: 18.070 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	193.0





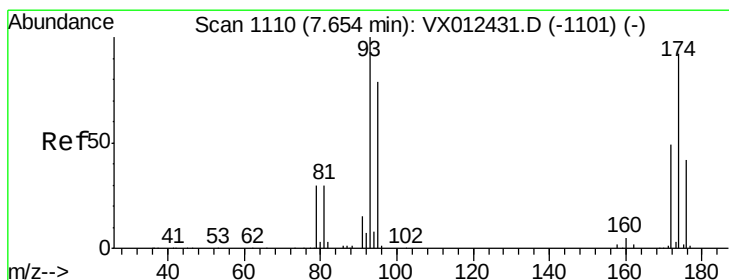
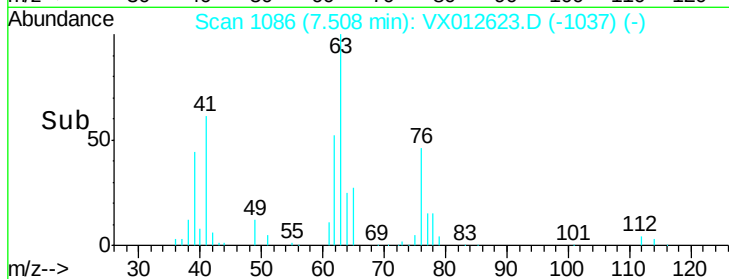
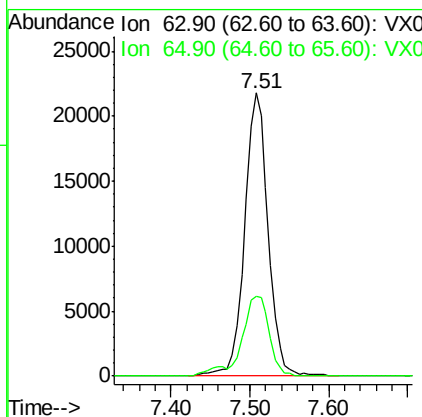
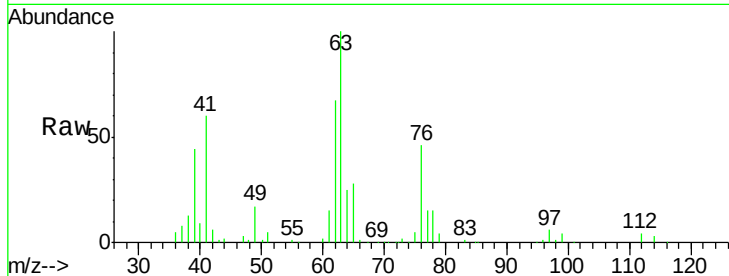
#45
 1,2-Dichloropropane
 Concen: 18.492 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion: 63 Resp: 44810
 Ion Ratio Lower Upper
 63 100
 65 28.1 25.0 37.6

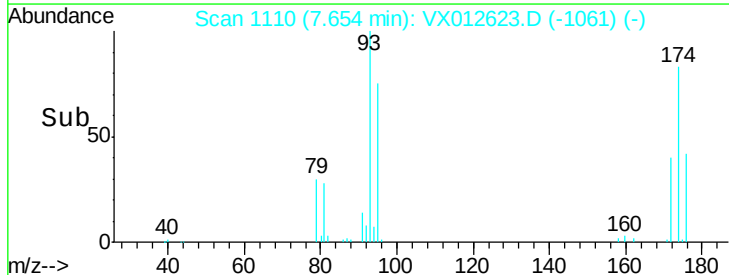
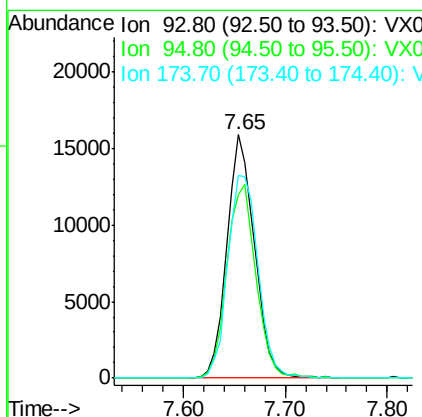
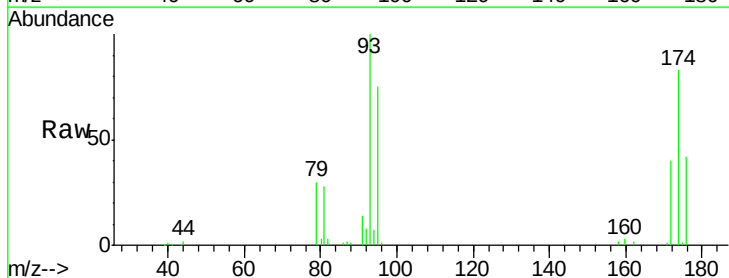
Manual Integrations
 APPROVED

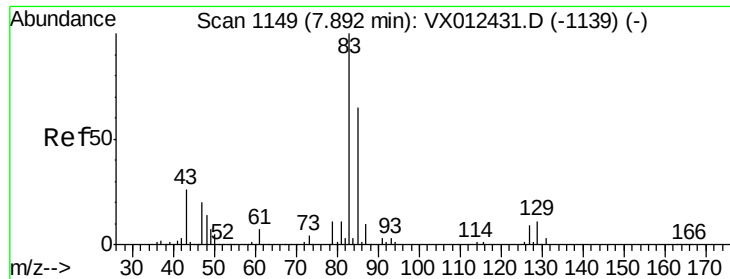
MMDadoda
 9/25/2019 9:29:47 AM



#46
 Dibromomethane
 Concen: 18.004 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion: 93 Resp: 29704
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.6 100.0
 174 91.3 77.4 116.0





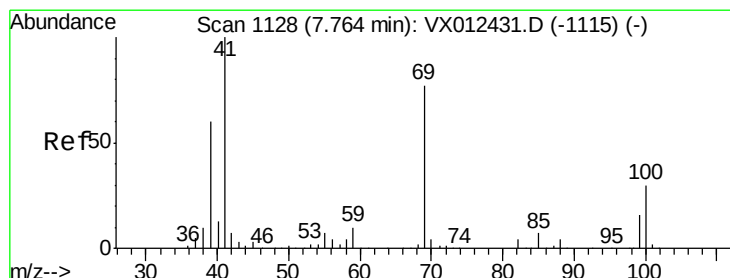
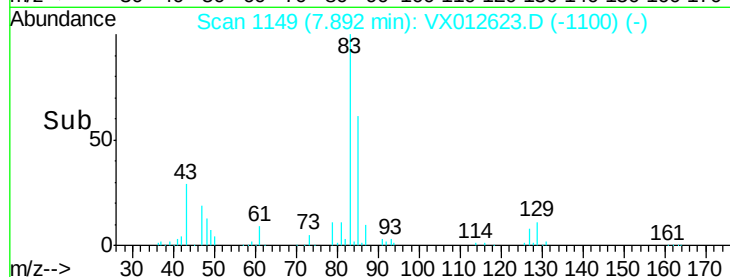
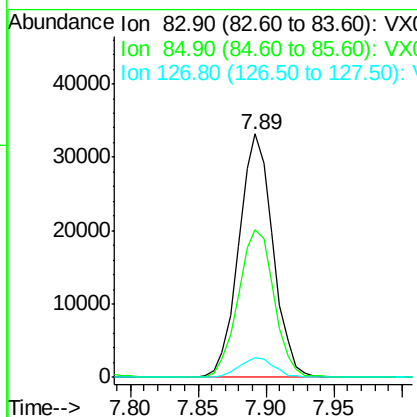
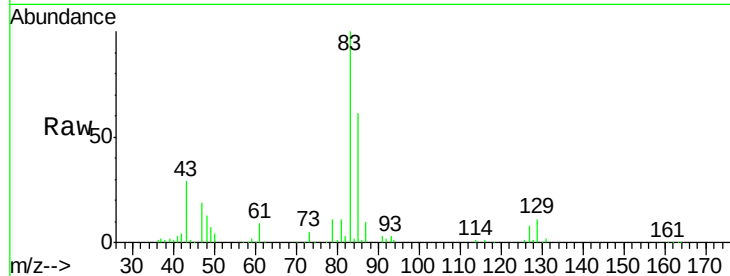
#47
 Bromodichloromethane
 Concen: 17.616 ug/l
 RT: 7.89 min Scan# 1149
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion	83	Resp	58089
Ion Ratio	100	Lower	Upper
83	100		
85	60.6	51.8	77.6
127	7.8	7.3	10.9

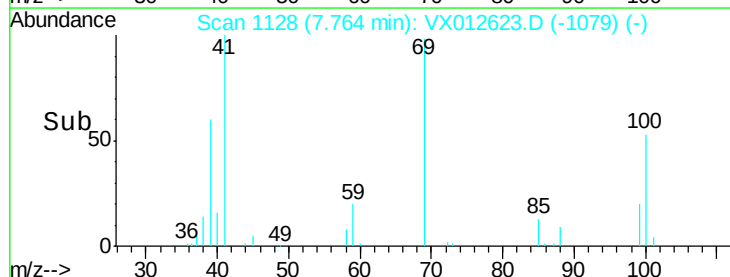
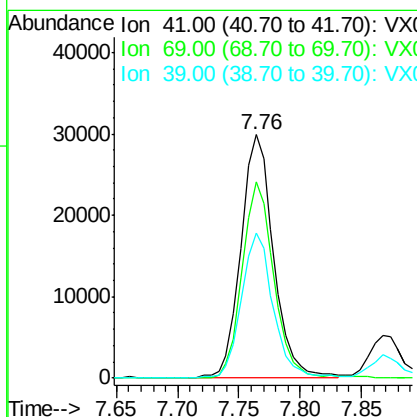
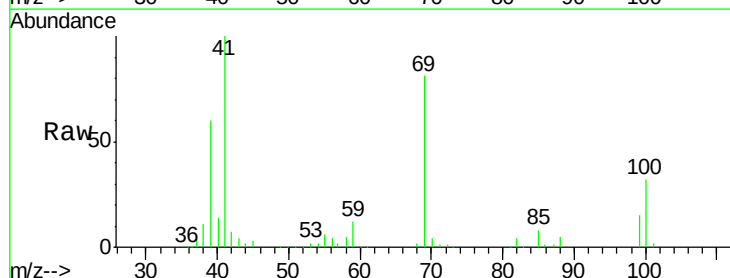
Manual Integrations
 APPROVED

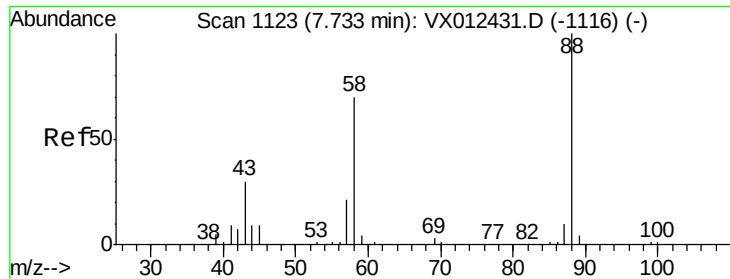
MMDadoda
 9/25/2019 9:29:47 AM



#48
 Methyl methacrylate
 Concen: 18.166 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion	41	Resp	54784
Ion Ratio	100	Lower	Upper
41	100		
69	79.7	59.9	89.9
39	58.7	47.8	71.6





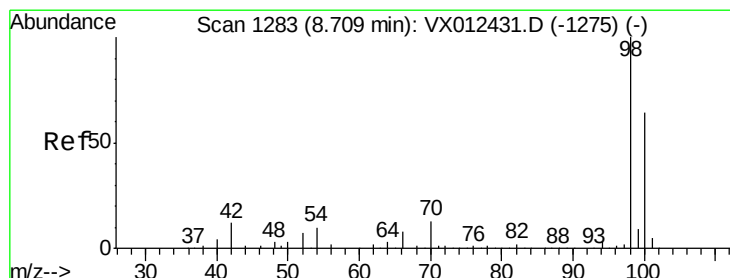
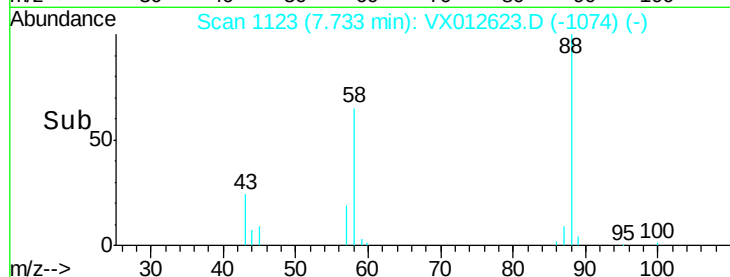
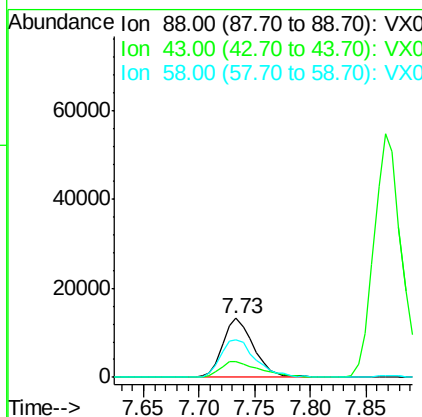
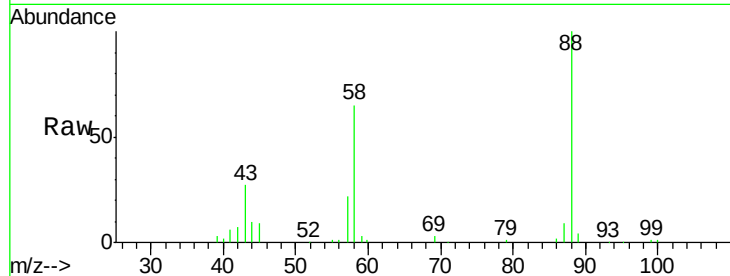
#49
1,4-Dioxane
Concen: 377.906 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.4	29.4	44.0
58	70.8	57.5	86.3

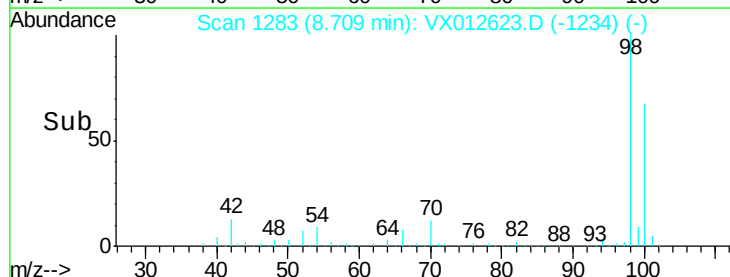
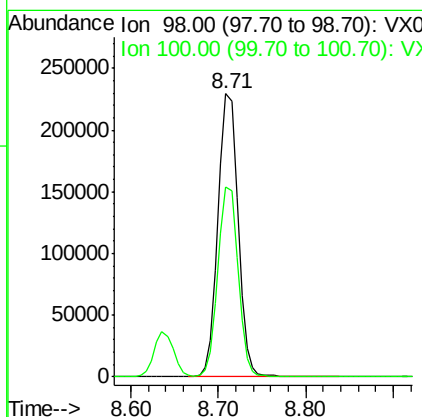
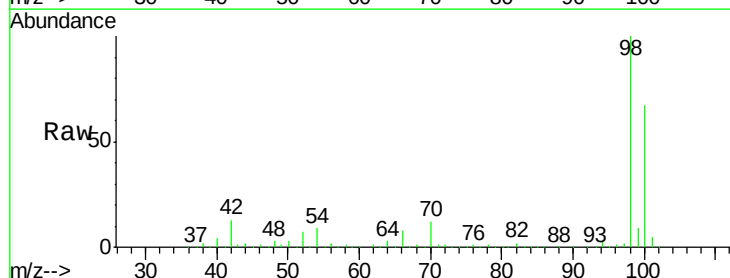
Manual Integrations
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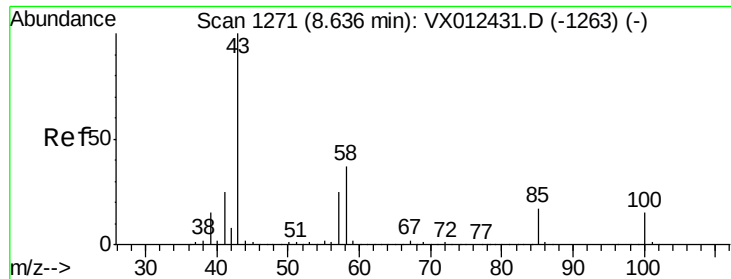
MMDadoda
9/25/2019 9:29:47 AM



#50
Toluene-d8
Concen: 48.041 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 92.706 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion: 43 Resp: 359909

Ion Ratio Lower Upper

43 100

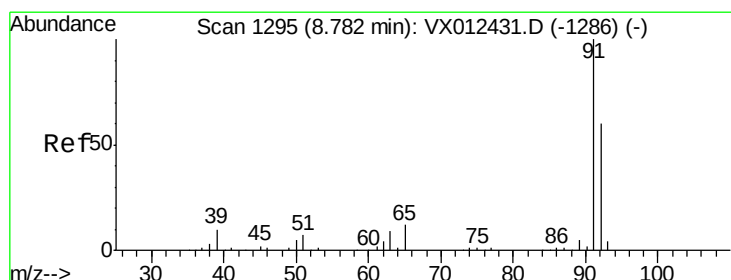
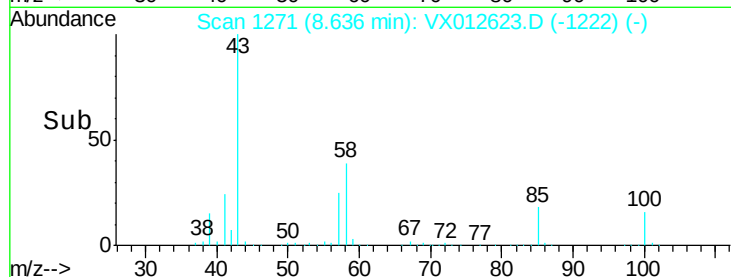
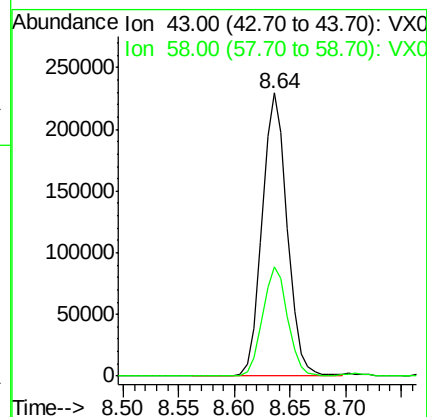
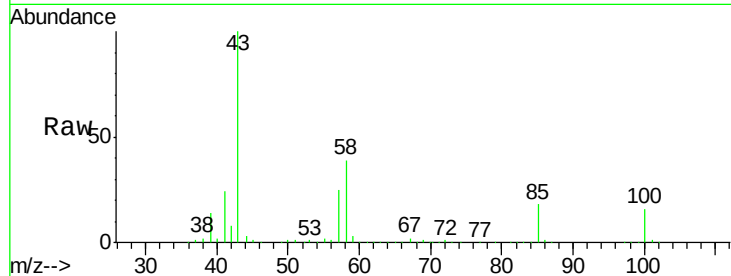
58 38.7 29.8 44.6

Manual Integrations

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MMDadoda

9/25/2019 9:29:47 AM



#52

Toluene

Concen: 18.305 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012623.D

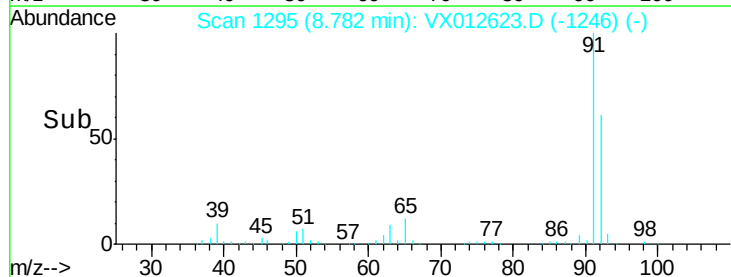
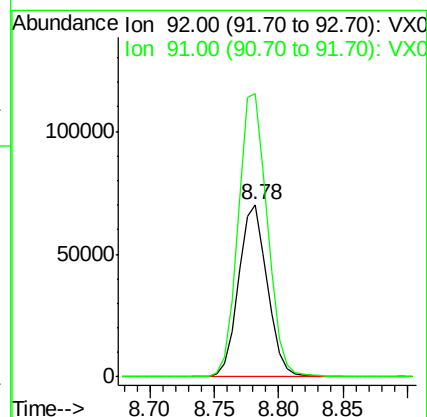
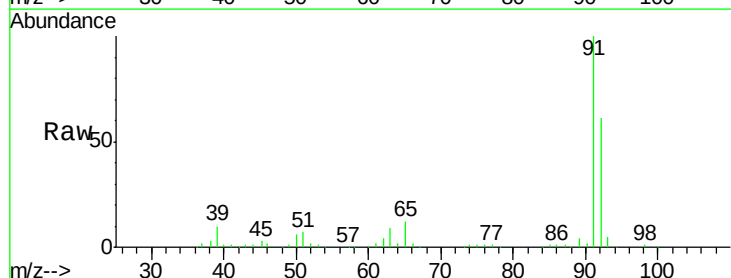
Acq: 24 Sep 2019 11:26

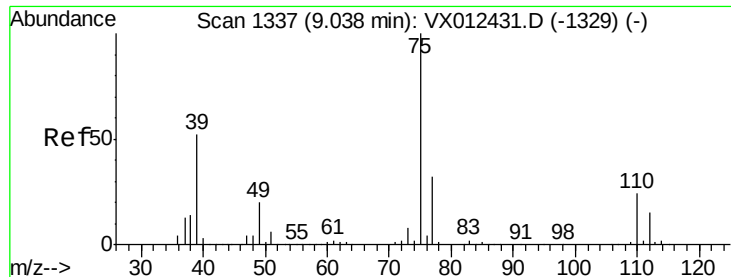
Tgt Ion: 92 Resp: 108890

Ion Ratio Lower Upper

92 100

91 167.6 135.4 203.0





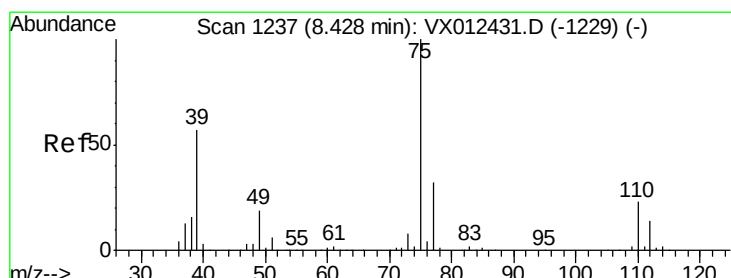
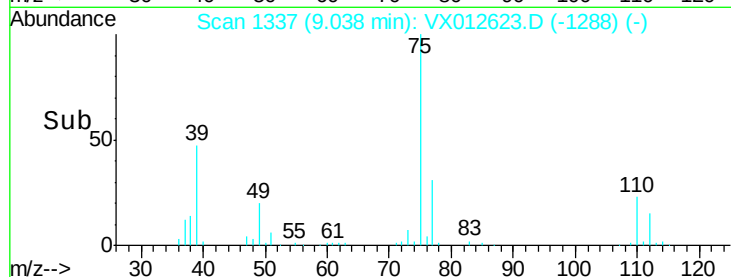
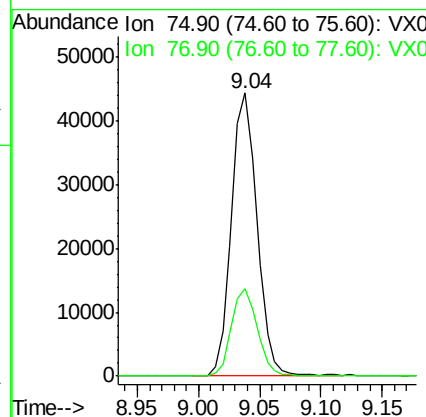
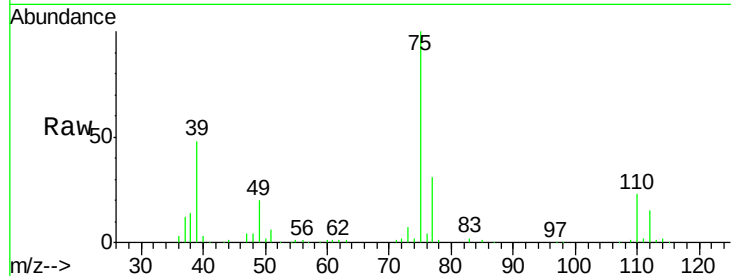
#53
 t-1,3-Dichloropropene
 Concen: 17.697 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion: 75 Resp: 64565
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8

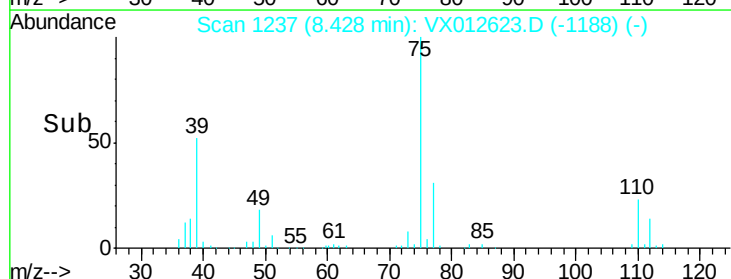
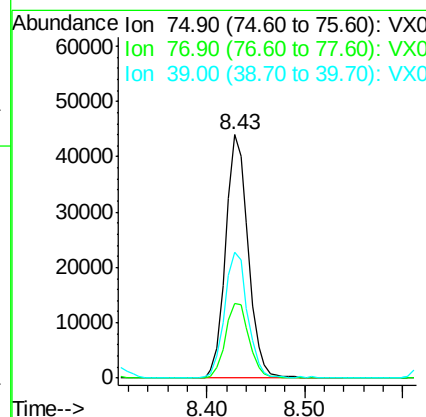
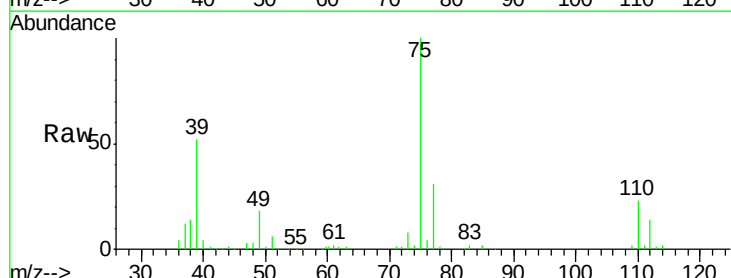
Manual Integrations
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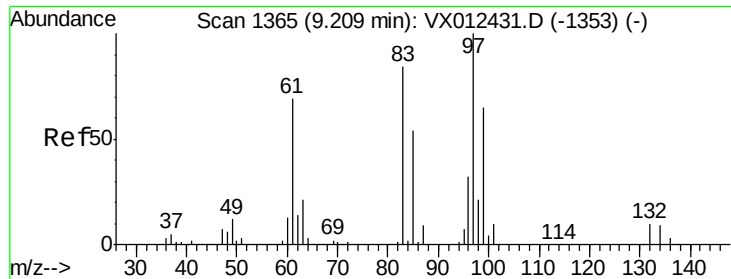
MMDadoda
 9/25/2019 9:29:47 AM



#54
 cis-1,3-Dichloropropene
 Concen: 17.672 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion: 75 Resp: 70395
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.8 38.8
 39 51.7 45.5 68.3





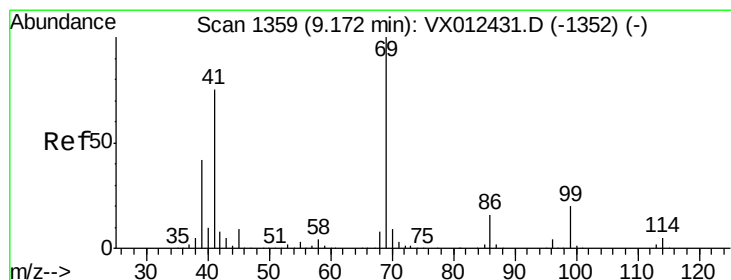
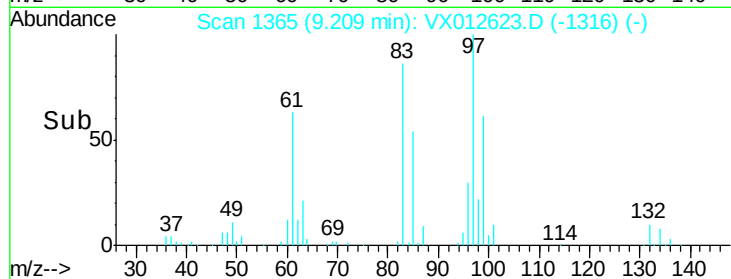
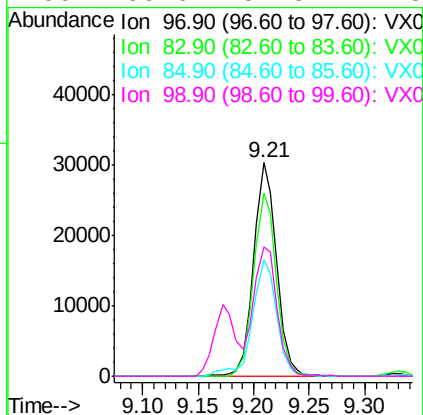
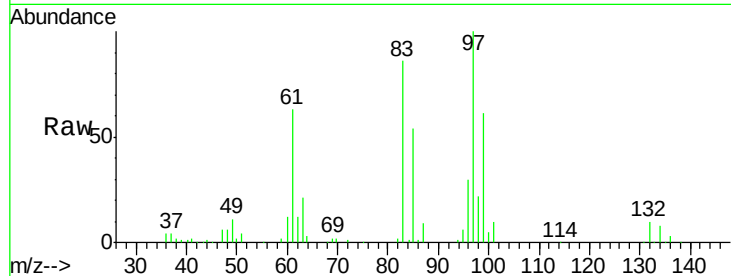
#55
 1,1,2-Trichloroethane
 Concen: 18.452 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion:	97	Resp:	43640
Ion	Ratio	Lower	Upper
97	100		
83	85.8	67.4	101.2
85	54.3	43.5	65.3
99	60.6	51.8	77.8

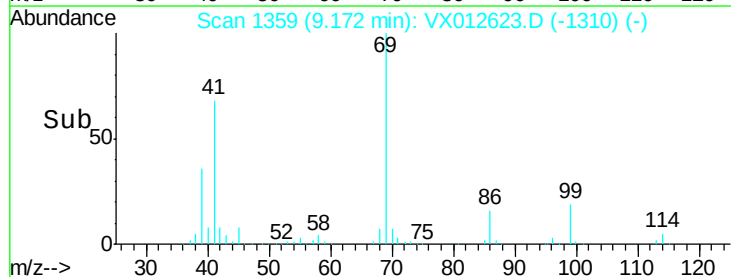
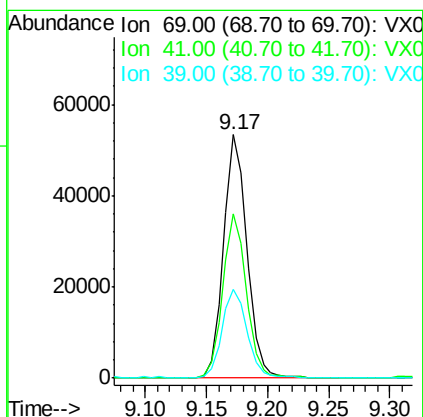
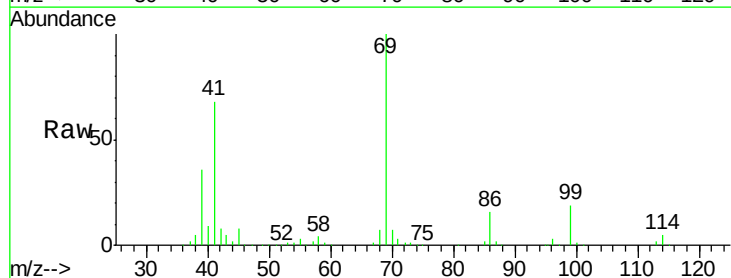
Manual Integrations
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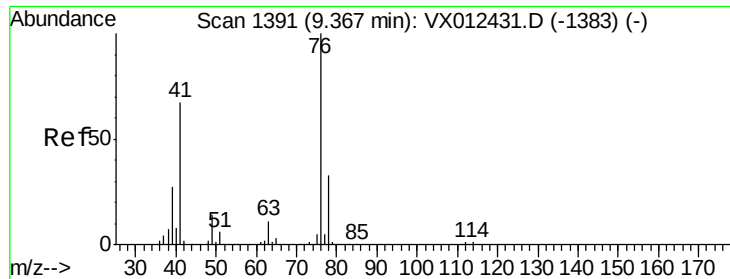
MMDadoda
 9/25/2019 9:29:47 AM



#56
 Ethyl methacrylate
 Concen: 17.894 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion:	69	Resp:	71098
Ion	Ratio	Lower	Upper
69	100		
41	68.7	58.4	87.6
39	39.3	33.4	50.0





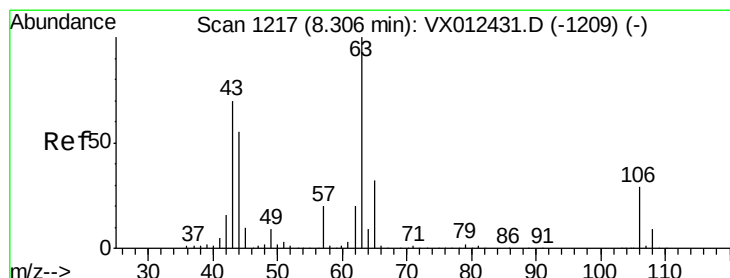
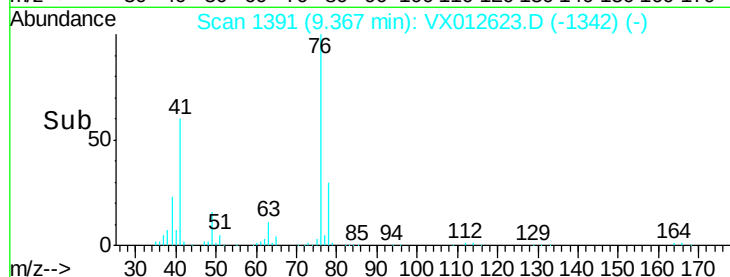
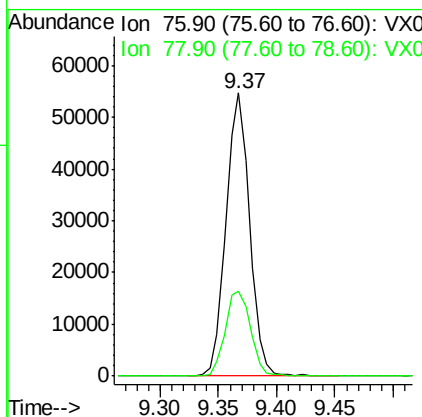
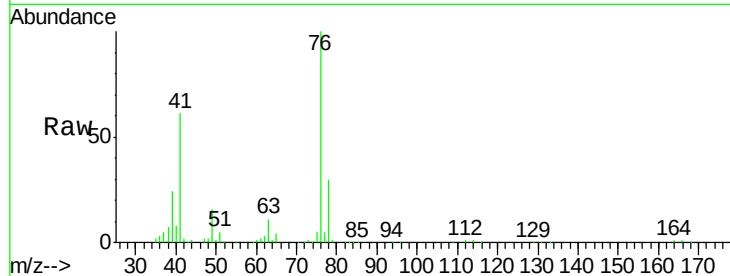
#57
 1,3-Dichloropropane
 Concen: 18.632 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion: 76 Resp: 77121
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2

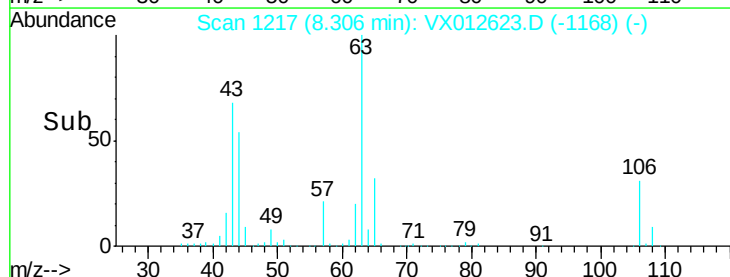
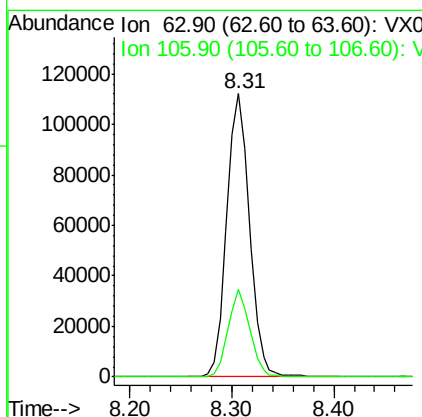
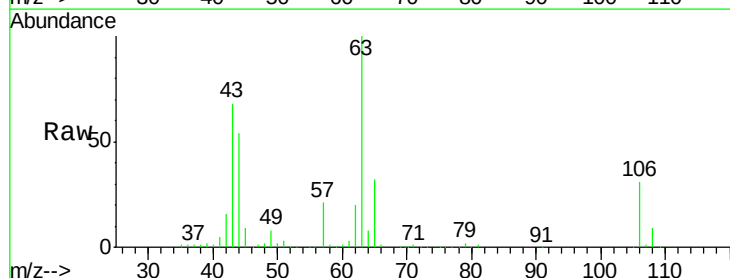
Manual Integrations
 APPROVED

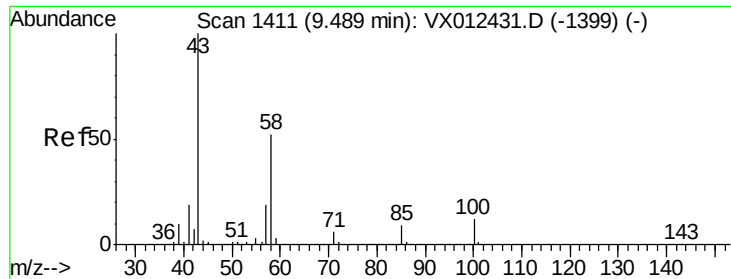
MMDadoda
 9/25/2019 9:29:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.321 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion: 63 Resp: 173571
 Ion Ratio Lower Upper
 63 100
 106 29.2 23.8 35.6





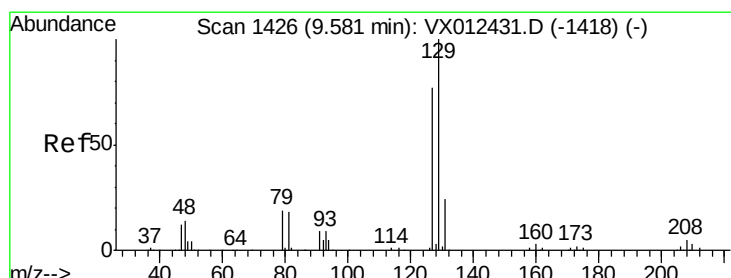
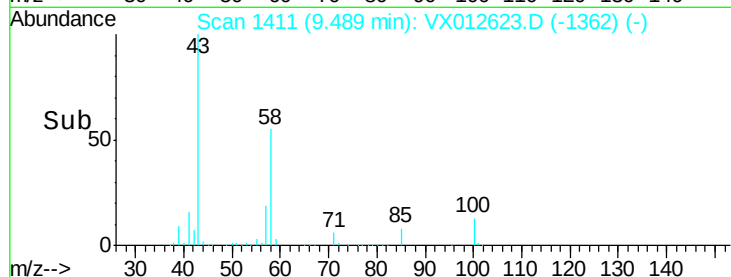
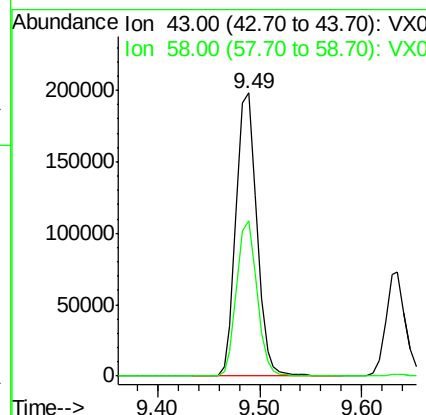
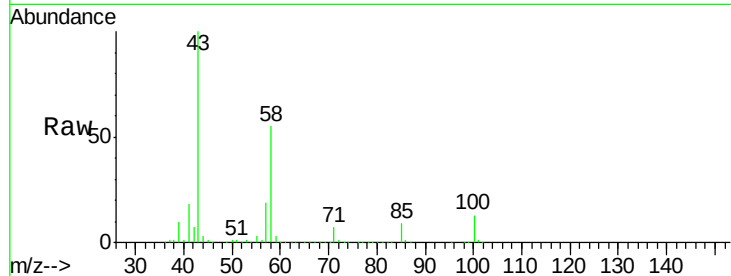
#59
2-Hexanone
Concen: 94.064 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion: 43 Resp: 279522
Ion Ratio Lower Upper
43 100
58 53.9 25.7 77.1

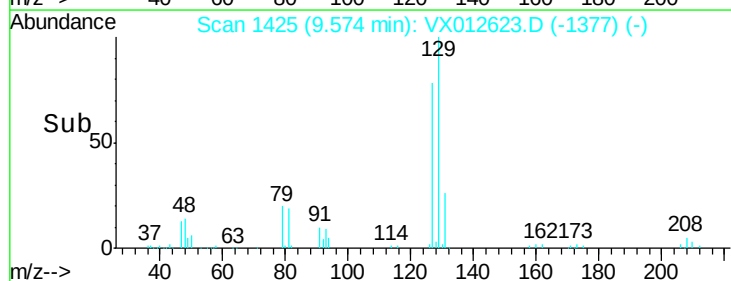
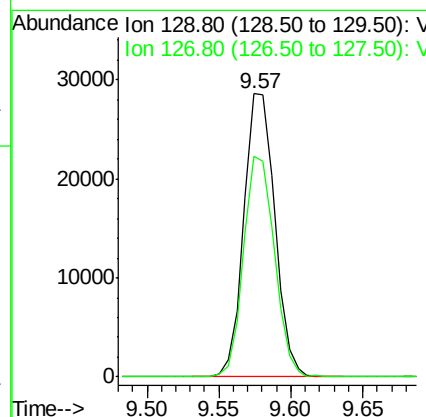
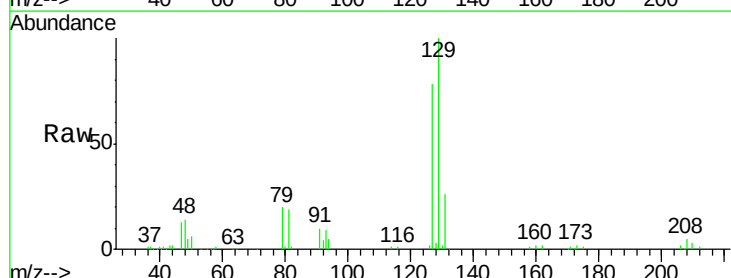
Manual Integrations
APPROVED

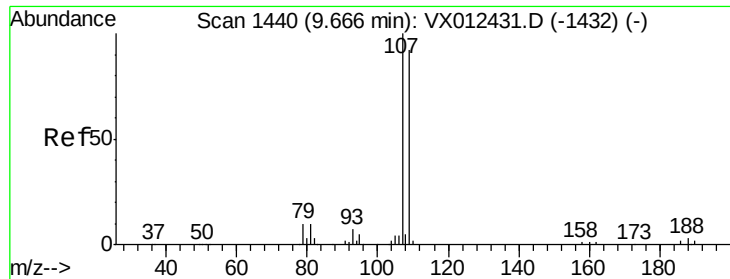
MMDadoda
9/25/2019 9:29:47 AM



#60
Dibromochloromethane
Concen: 17.868 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion: 129 Resp: 42777
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.6





#61

1,2-Dibromoethane

Concen: 18.286 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion: 107 Resp: 45008

Ion Ratio Lower Upper

107 100

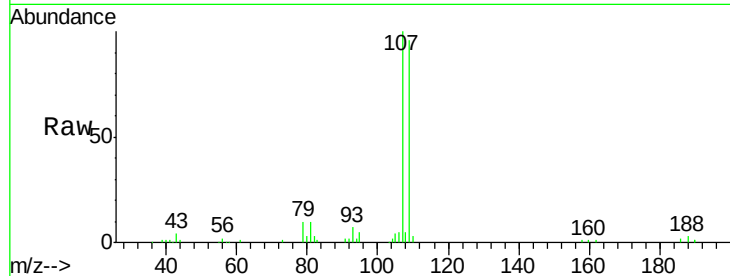
109 95.8 74.7 112.1

Manual Integrations

APPROVED

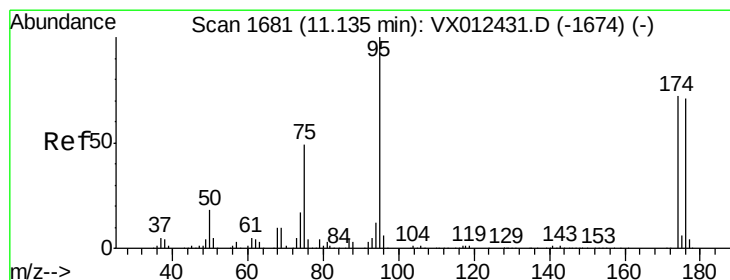
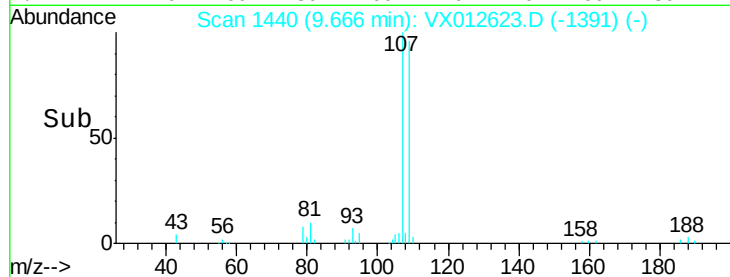
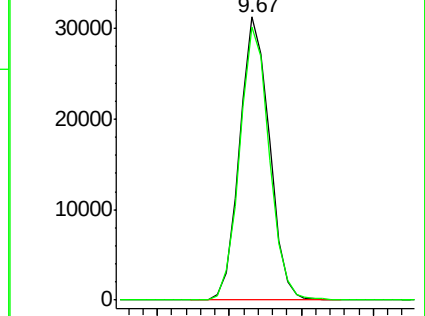
MMDadoda

9/25/2019 9:29:47 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.319 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

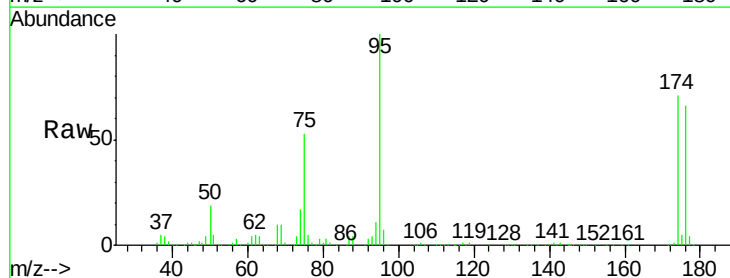
Tgt Ion: 95 Resp: 139403

Ion Ratio Lower Upper

95 100

174 67.4 0.0 140.0

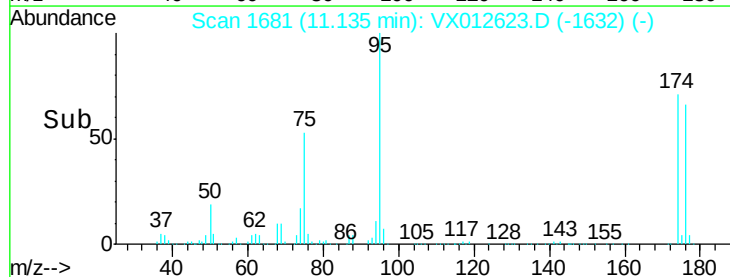
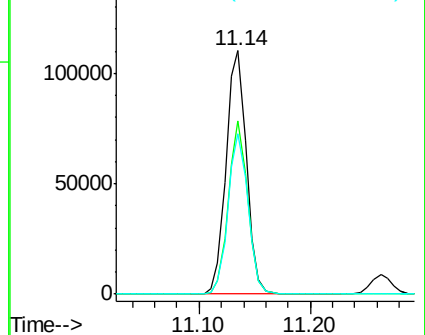
176 64.7 0.0 135.4

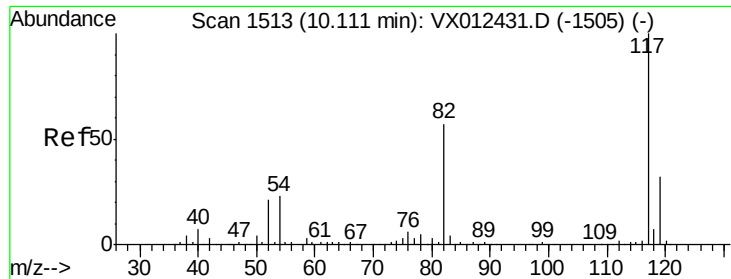


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





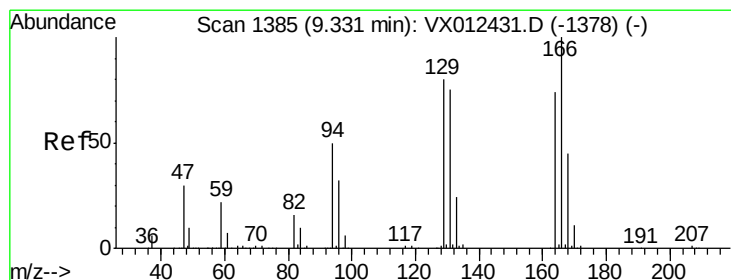
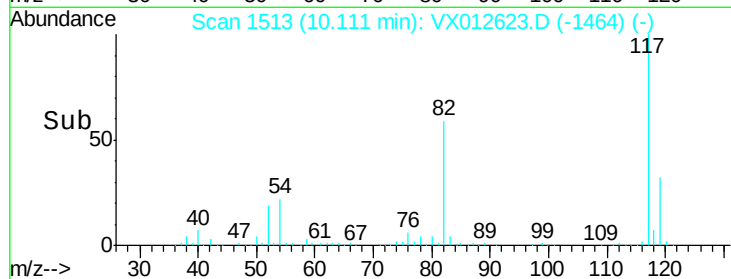
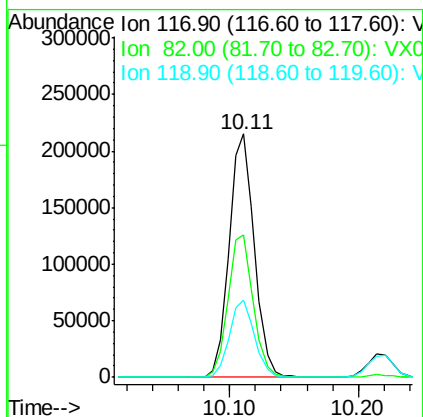
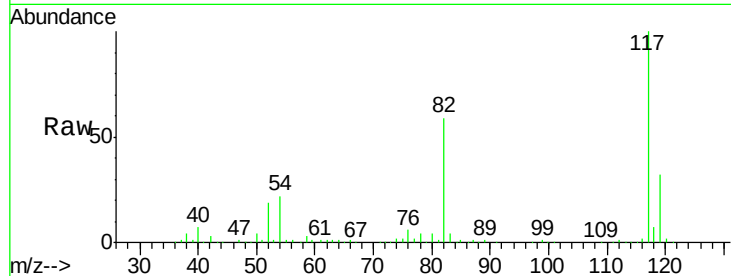
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	294315		
82	58.7	45.9	68.9	
119	31.6	25.3	37.9	

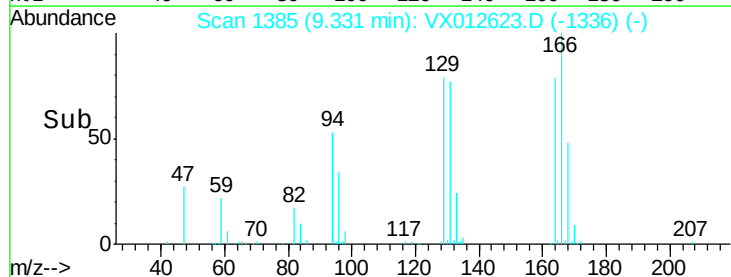
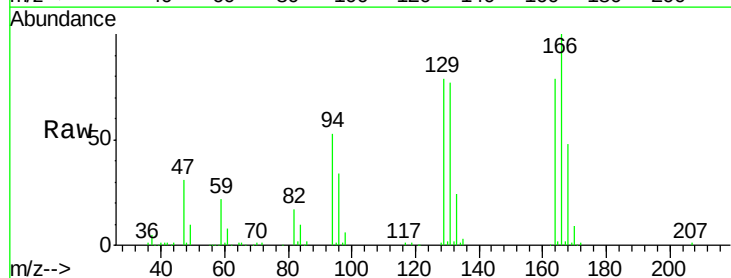
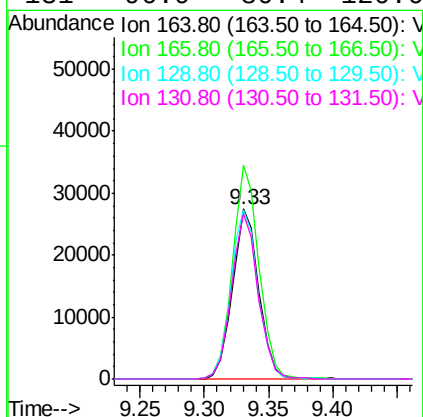
Manual Integrations
APPROVED

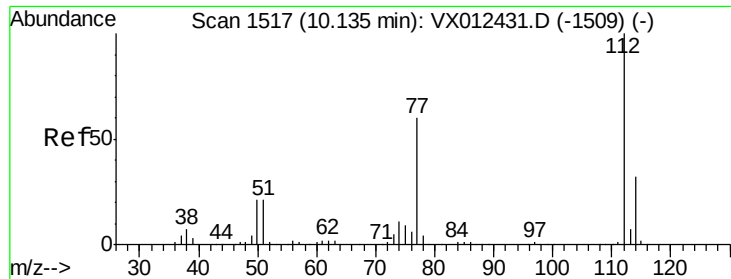
MMDadoda
9/25/2019 9:29:47 AM



#64
Tetrachloroethene
Concen: 19.037 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	39065		
166	125.8	107.8	161.6	
129	99.9	86.2	129.2	
131	96.9	80.4	120.6	





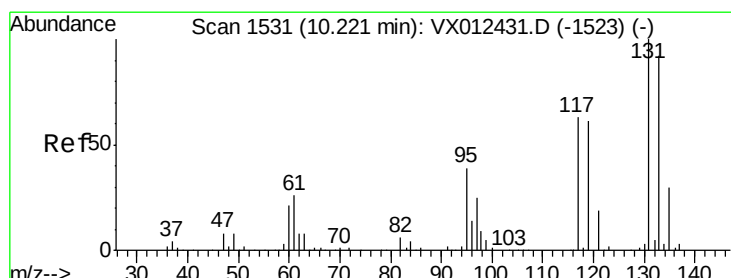
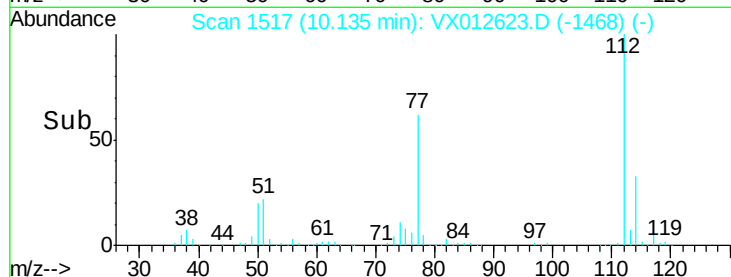
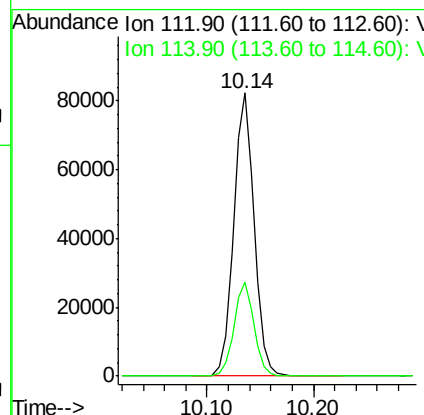
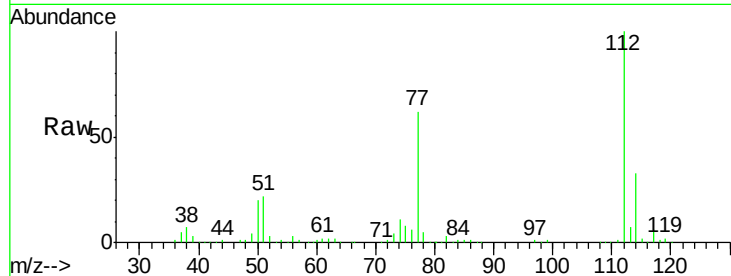
#65
Chlorobenzene
Concen: 17.884 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion:112 Resp: 110840
Ion Ratio Lower Upper
112 100
114 33.4 25.4 38.0

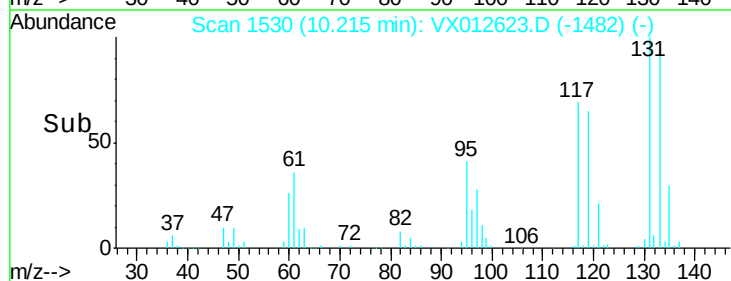
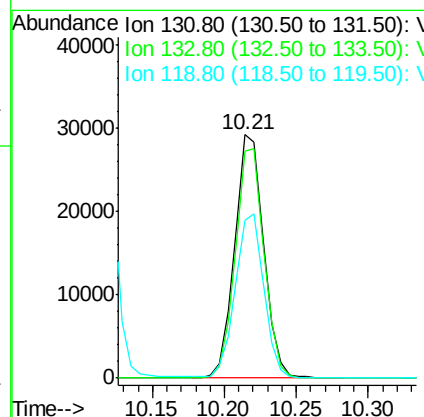
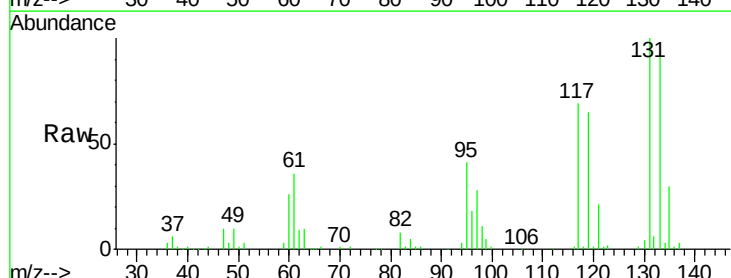
Manual Integrations
APPROVED

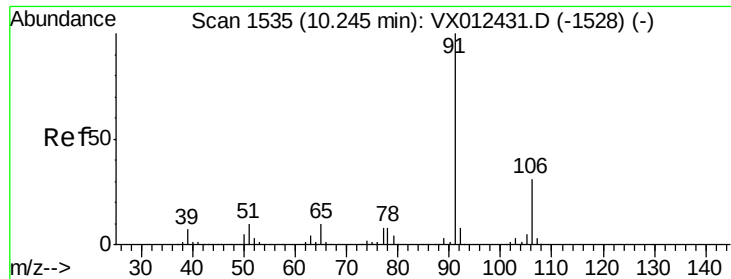
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.397 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion:131 Resp: 41312
Ion Ratio Lower Upper
131 100
133 93.3 47.6 142.9
119 66.7 31.3 93.8





#67

Ethyl Benzene

Concen: 18.260 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampled :

VX0924WBS01

Tot Ion: 91 Resp: 205260

Ion Ratio Lower Upper

91 100

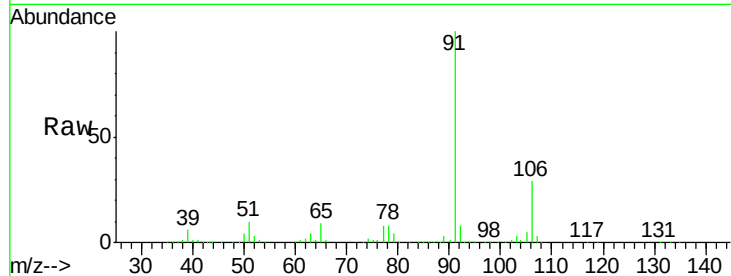
106 29.2 24.6 37.0

Manual Integrations

APPROVED

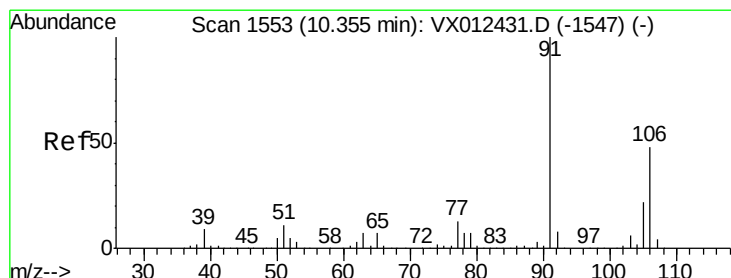
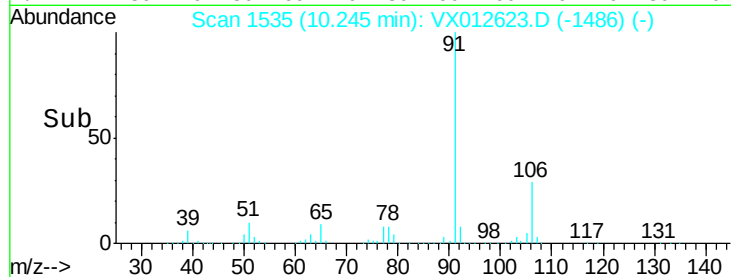
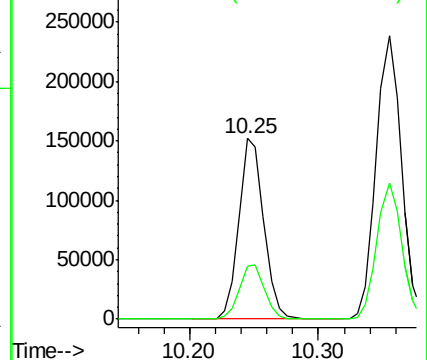
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.332 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX012623.D

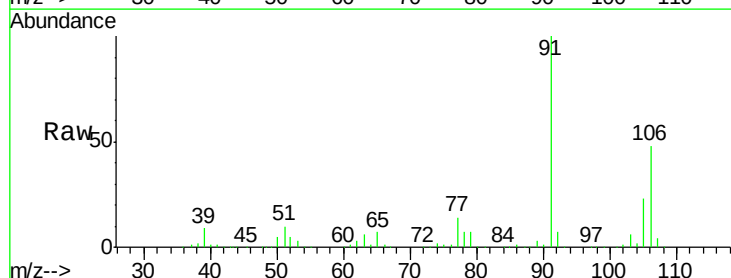
Acq: 24 Sep 2019 11:26

Tgt Ion: 106 Resp: 152989

Ion Ratio Lower Upper

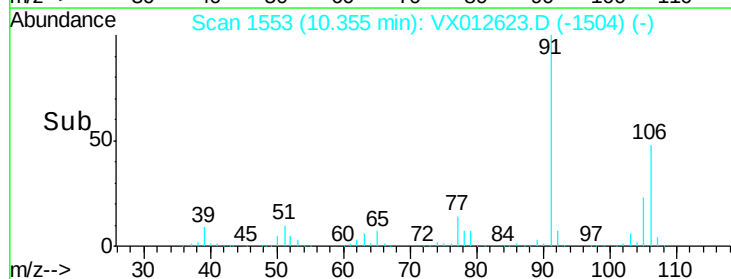
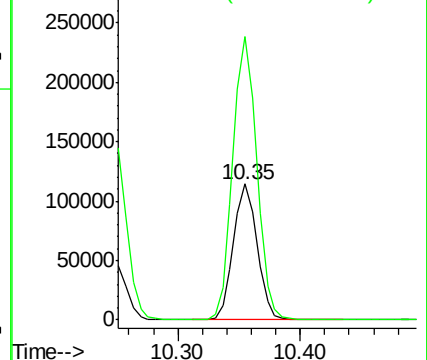
106 100

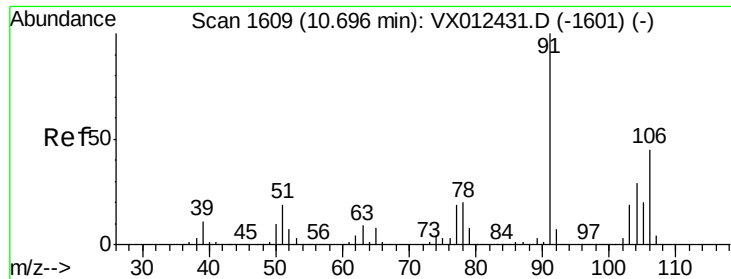
91 211.3 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





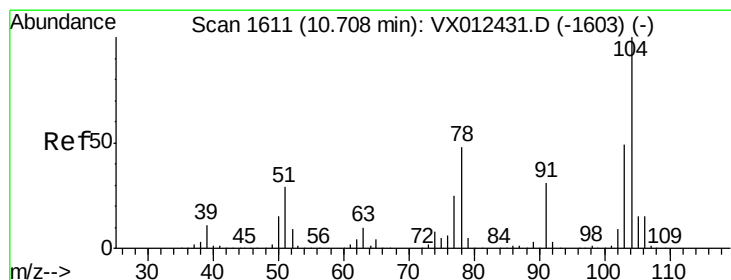
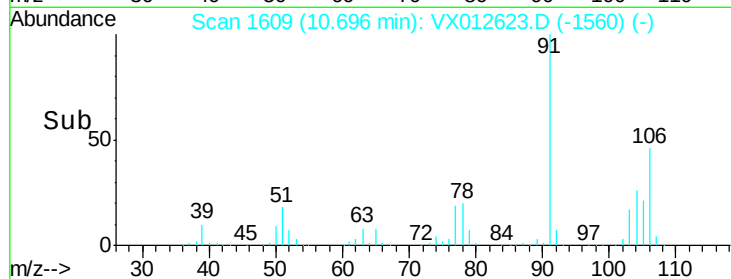
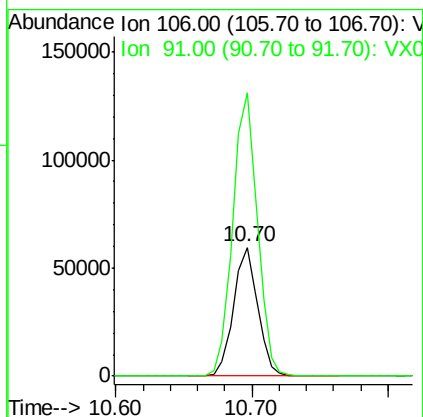
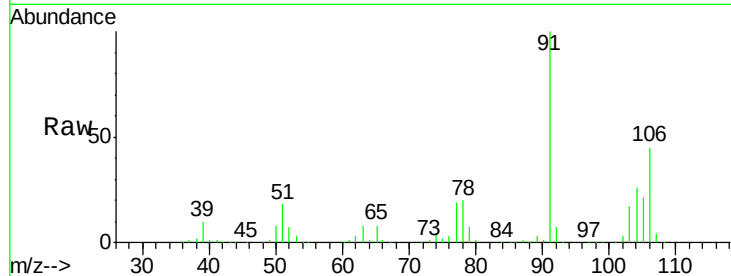
#69
o-Xylene
Concen: 18.119 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampled :
VX0924WBS01

Tot Ion:106 Resp: 73825
Ion Ratio Lower Upper
106 100
91 224.2 109.4 328.2

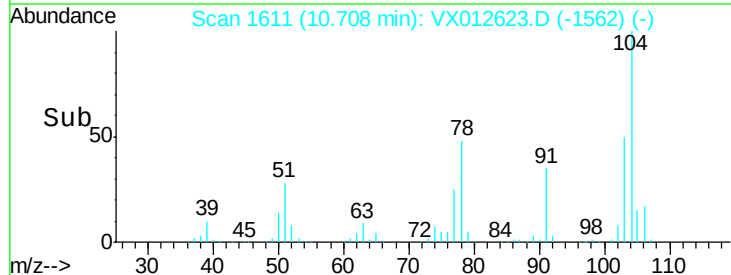
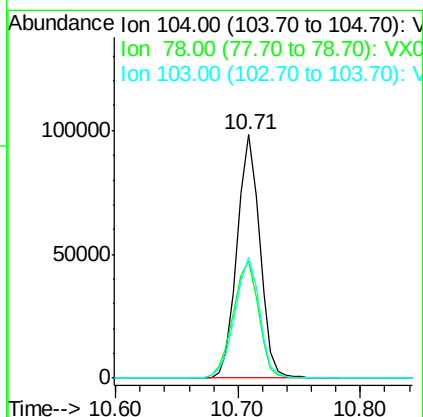
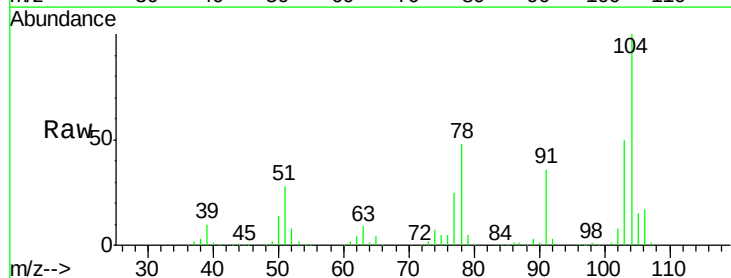
Manual Integrations
APPROVED

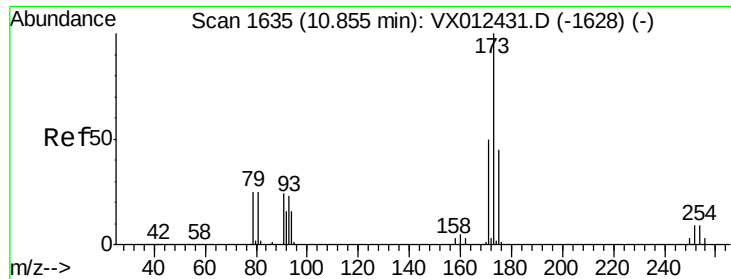
MMDadoda
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#70
Styrene
Concen: 18.438 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion:104 Resp: 125946
Ion Ratio Lower Upper
104 100
78 54.3 43.4 65.2
103 53.7 43.3 64.9





#71

Bromoform

Concen: 17.926 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion:173 Resp: 28029

Ion Ratio Lower Upper

173 100

175 46.2 23.7 71.1

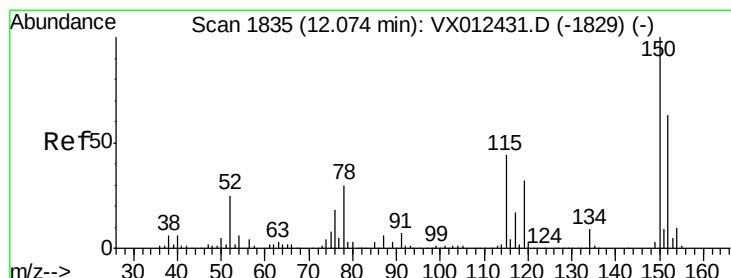
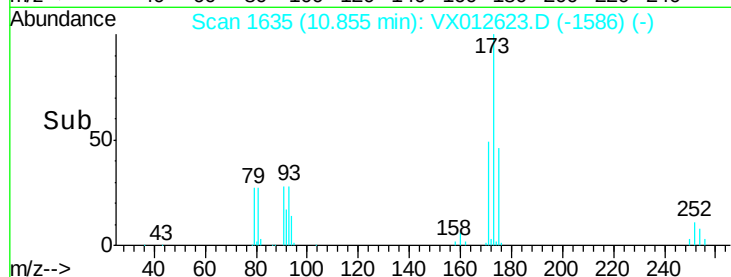
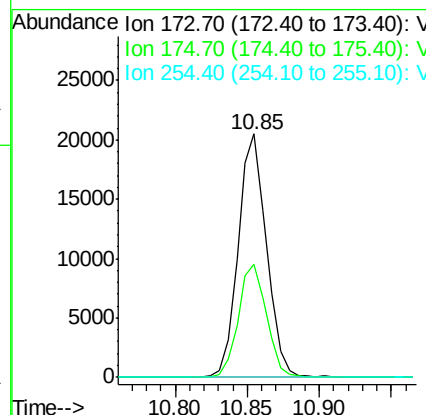
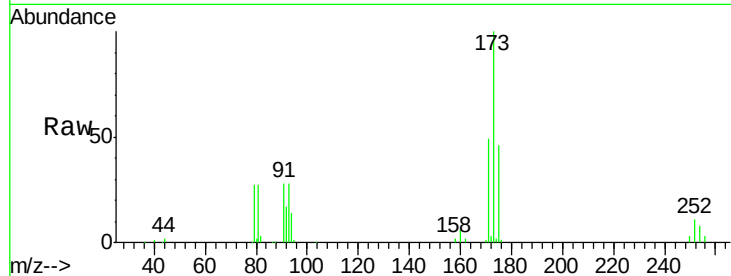
254 0.0 0.1 0.1#

Manual Integrations

APPROVED

MMDadoda

9/25/2019 9:29:47 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: VX012623.D

Acq: 24 Sep 2019 11:26

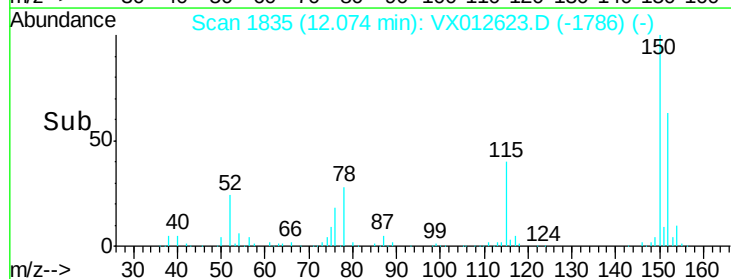
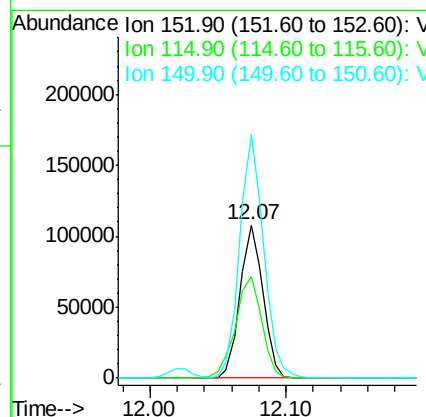
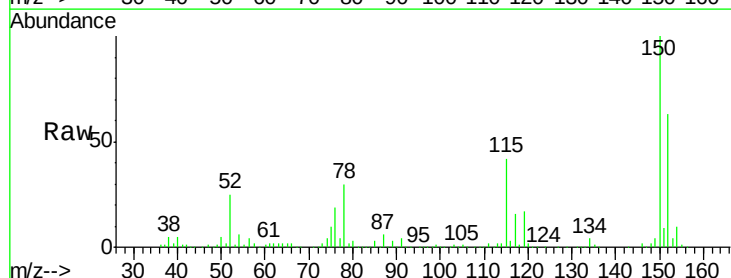
Tgt Ion:152 Resp: 126686

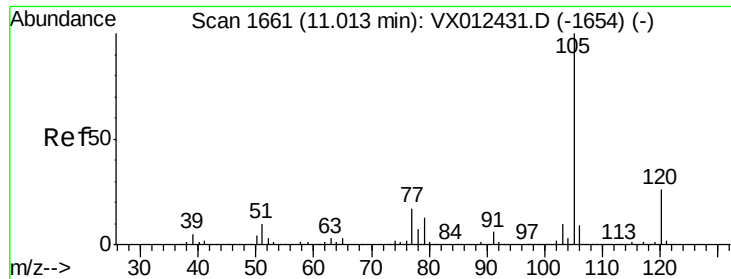
Ion Ratio Lower Upper

152 100

115 76.4 44.1 132.3

150 166.7 0.0 343.8





#73

Isopropylbenzene

Concen: 19.397 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion: 105 Resp: 200143

Ion Ratio Lower Upper

105 100

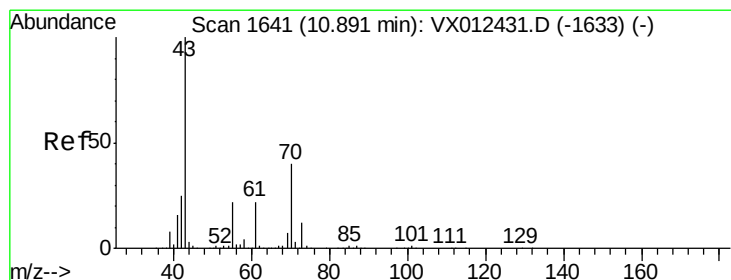
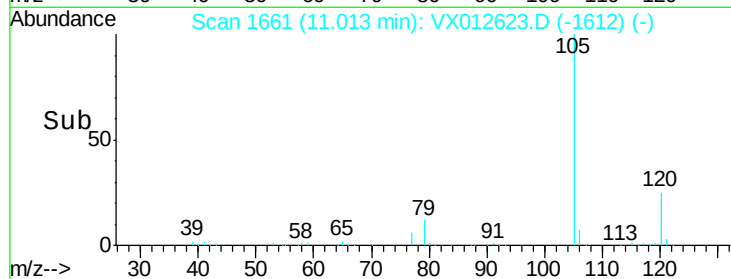
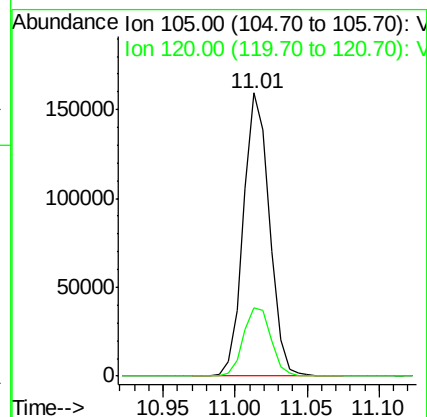
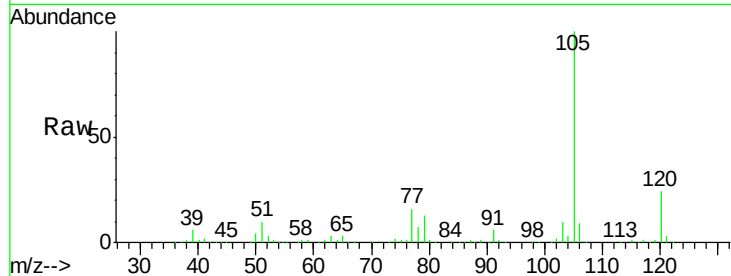
120 25.7 12.9 38.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.548 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Tgt Ion: 43 Resp: 91302

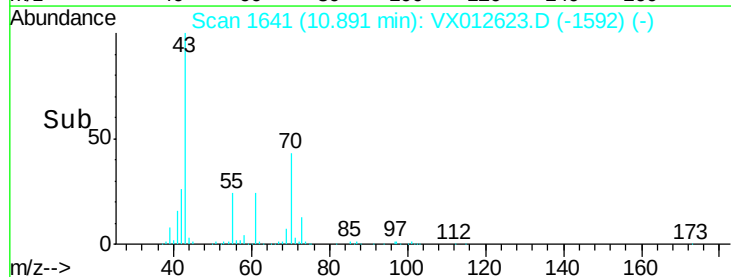
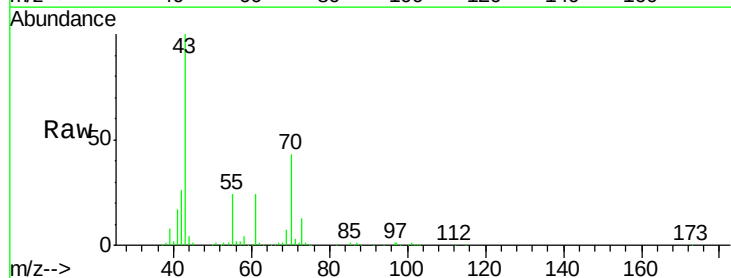
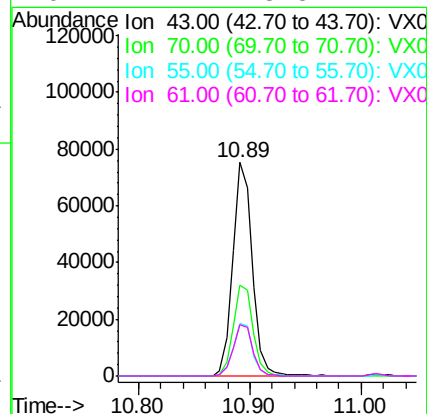
Ion Ratio Lower Upper

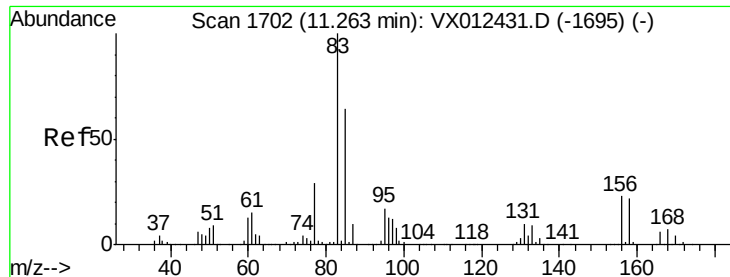
43 100

70 43.3 32.4 48.6

55 24.4 18.2 27.4

61 24.2 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.142 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

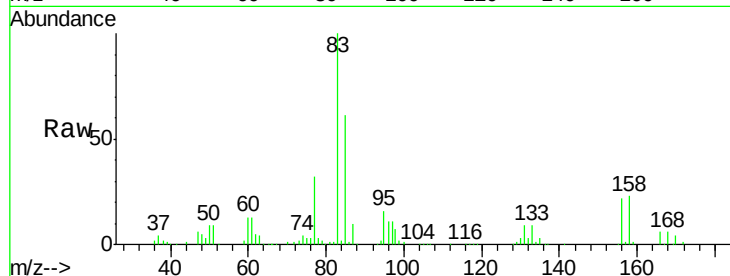
ClientSampleId :

VX0924WBS01

Tot Ion:	83	Resp:	68830
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.2	15.6
85	63.4	32.0	96.0

Manual Integrations
APPROVED

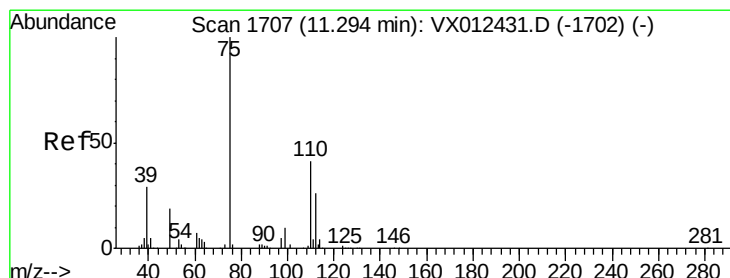
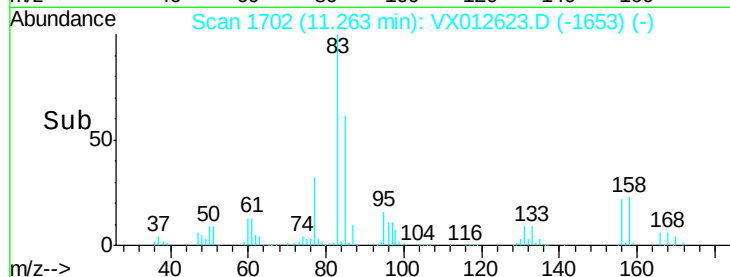
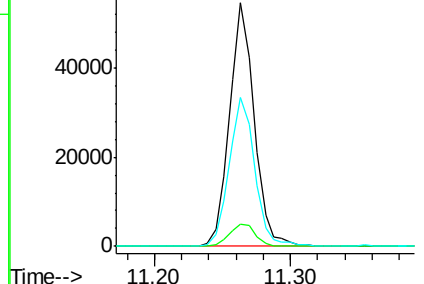
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.295 ug/l m

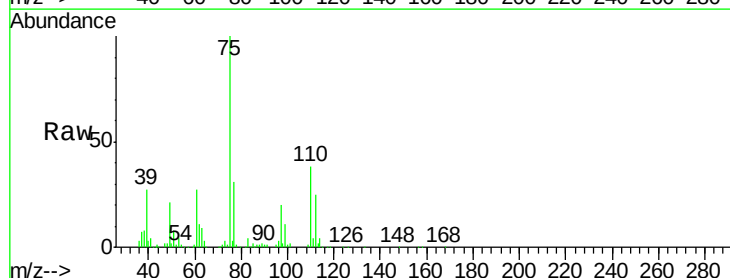
RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012623.D

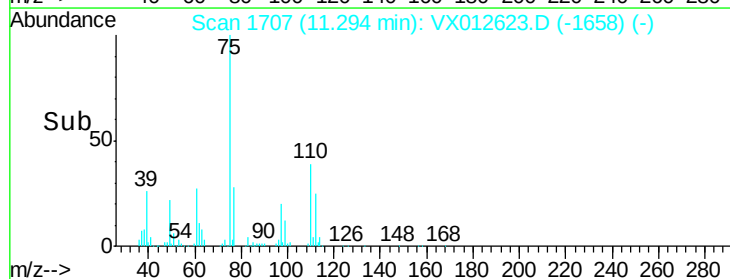
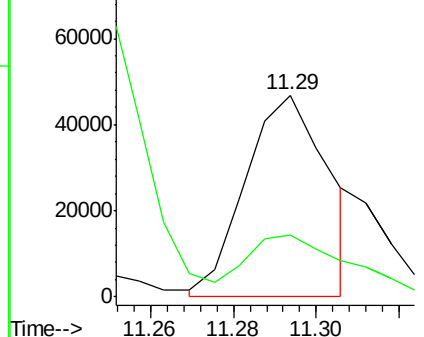
Acq: 24 Sep 2019 11:26

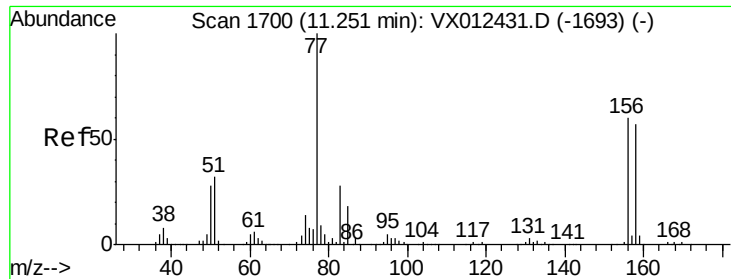
Tgt Ion:	75	Resp:	64661
Ion Ratio	Lower	Upper	
75	100		
77	38.4	19.7	59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.102 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion:156 Resp: 44609

Ion Ratio Lower Upper

156 100

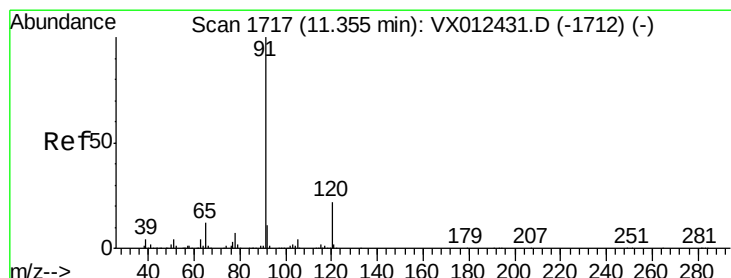
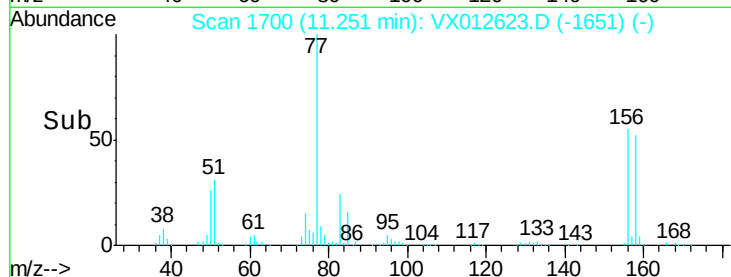
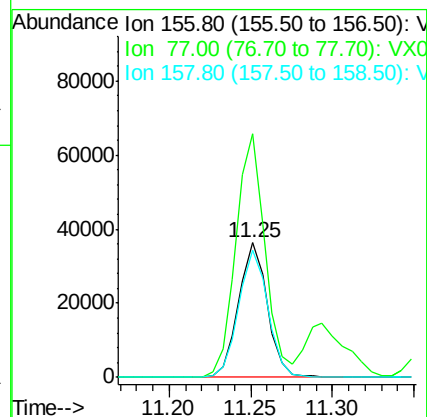
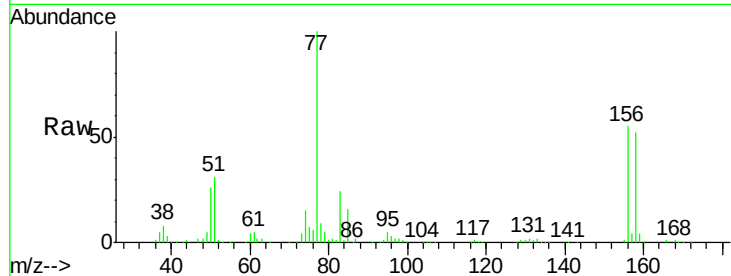
77 183.4 87.3 261.8

158 96.3 48.5 145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 18.864 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012623.D

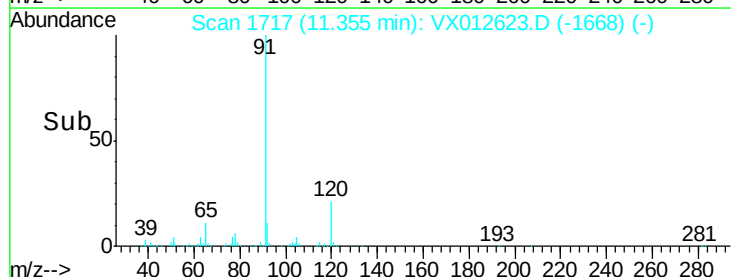
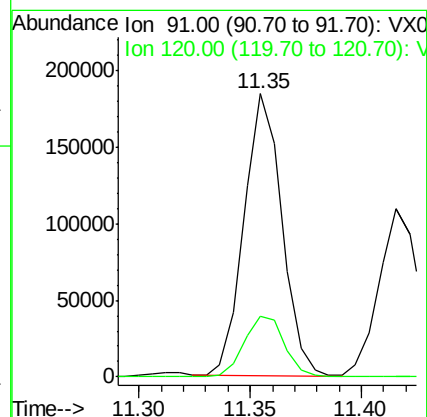
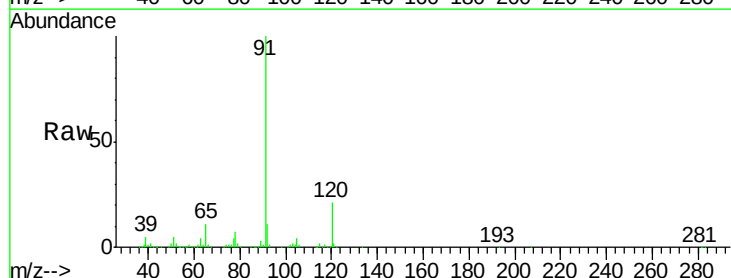
Acq: 24 Sep 2019 11:26

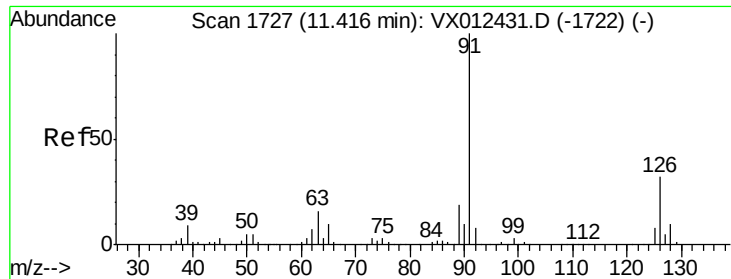
Tgt Ion: 91 Resp: 219133

Ion Ratio Lower Upper

91 100

120 22.8 11.3 33.8





#79

2-Chlorotoluene

Concen: 18.732 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion: 91 Resp: 135744

Ion Ratio Lower Upper

91 100

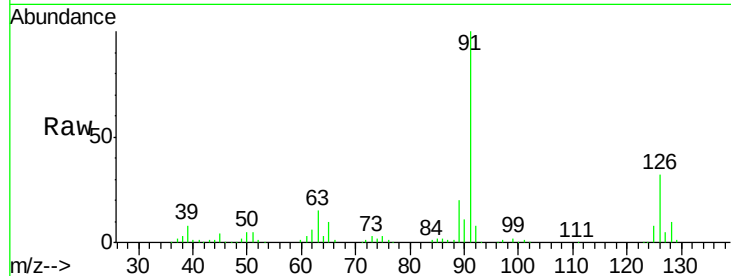
126 31.8 16.4 49.4

Manual Integrations

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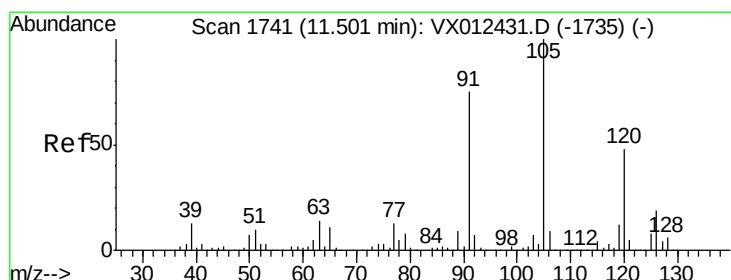
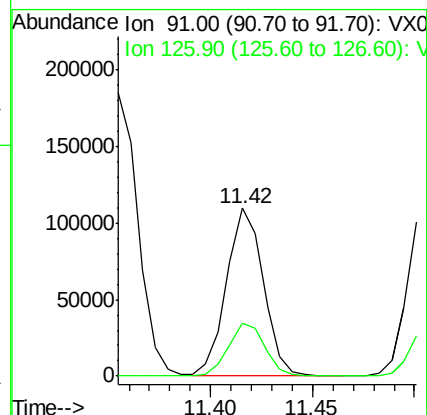
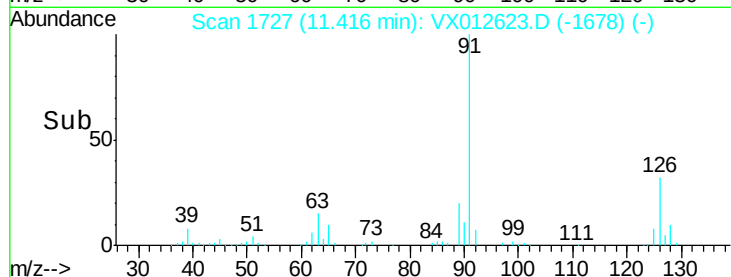
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.281 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012623.D

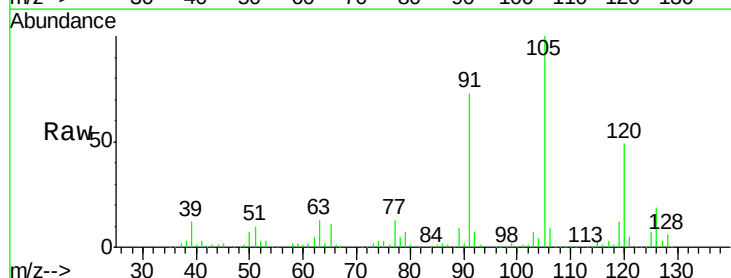
Acq: 24 Sep 2019 11:26

Tgt Ion:105 Resp: 166831

Ion Ratio Lower Upper

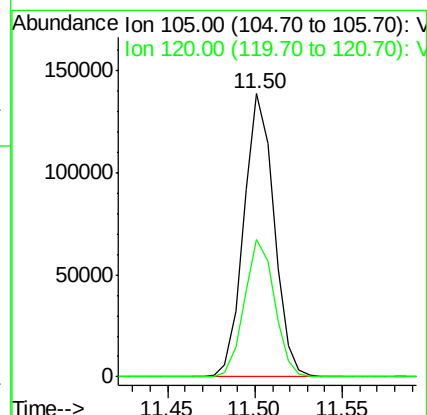
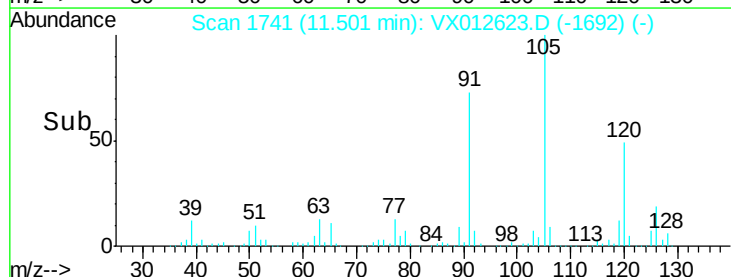
105 100

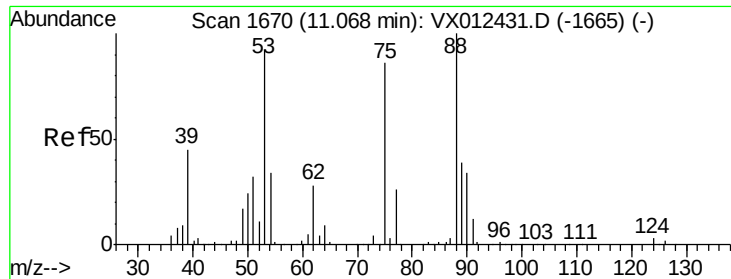
120 48.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





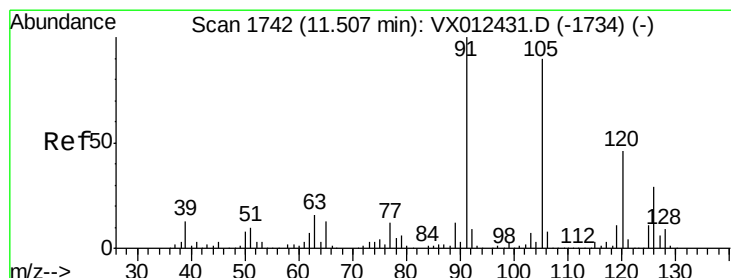
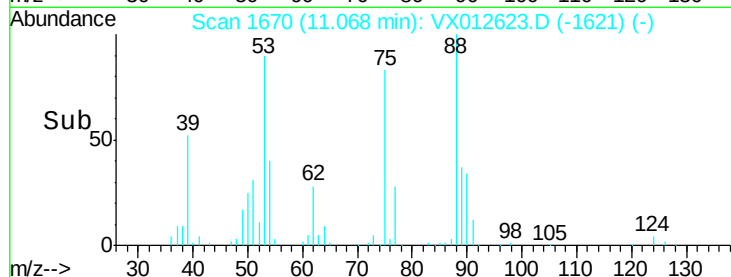
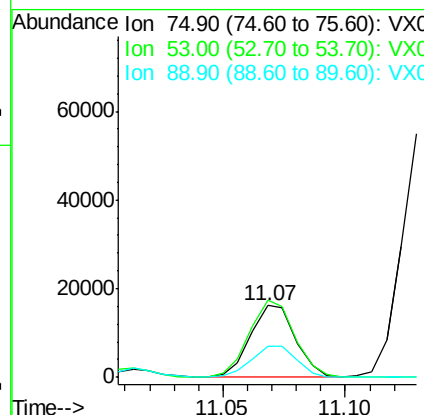
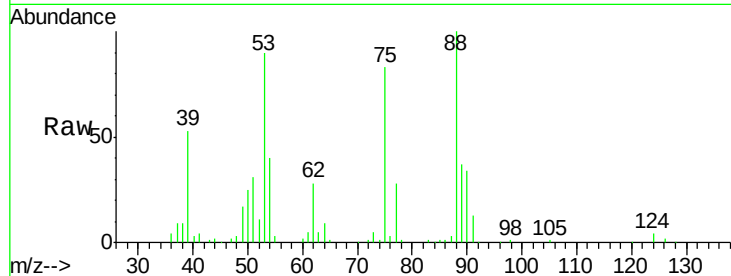
#81
trans-1,4-Dichloro-2-butene
Concen: 17.618 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	108.7	83.6	125.4
89	44.7	36.3	54.5

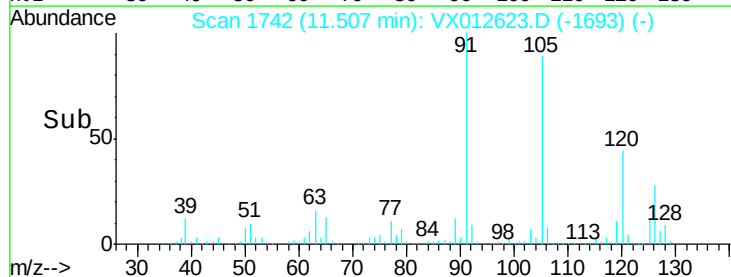
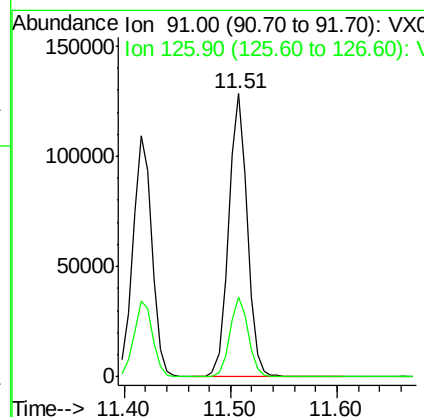
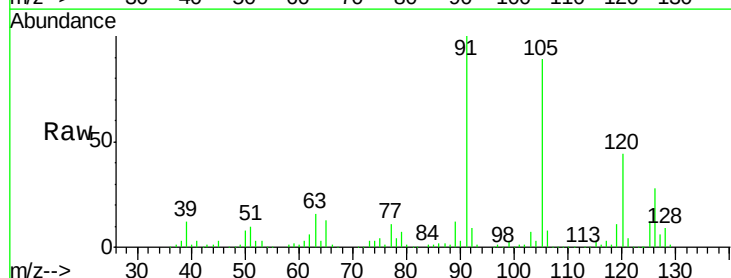
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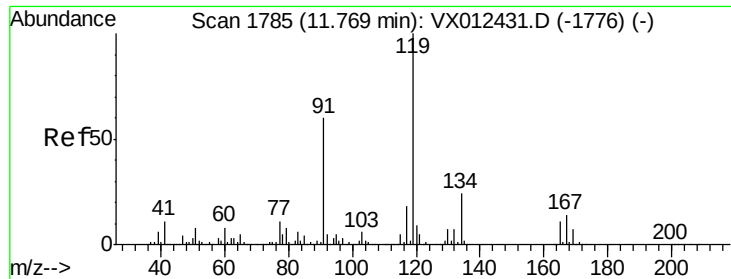
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#82
4-Chlorotoluene
Concen: 19.052 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.0	14.4	43.0





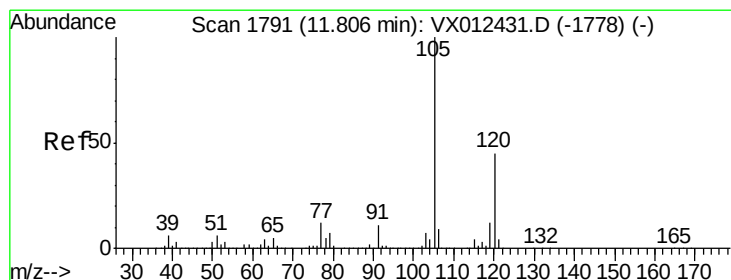
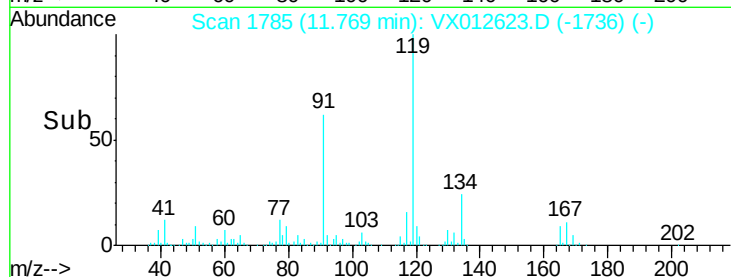
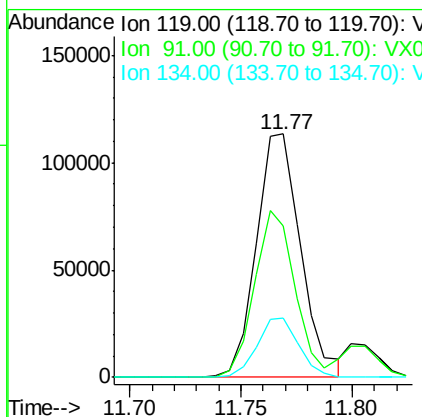
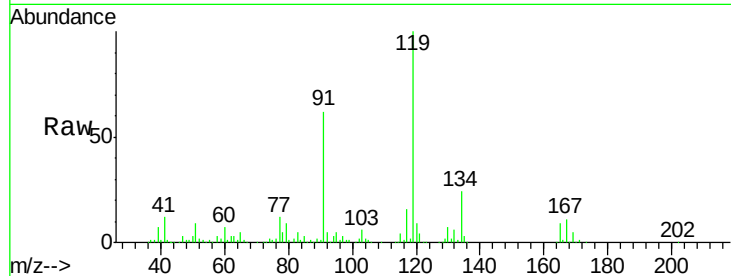
#83
 tert-Butylbenzene
 Concen: 18.864 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	157448		
91	62.6	30.0	90.0	
134	23.0	11.3	33.9	

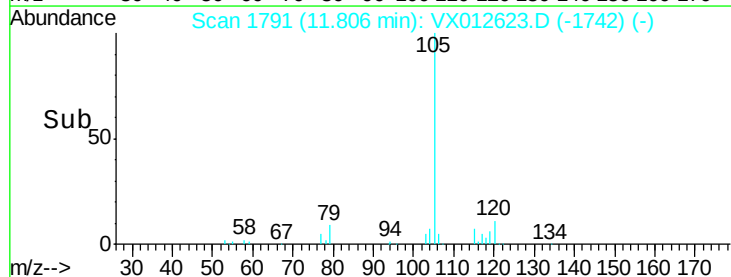
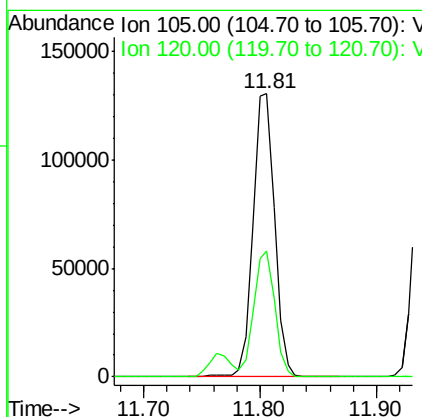
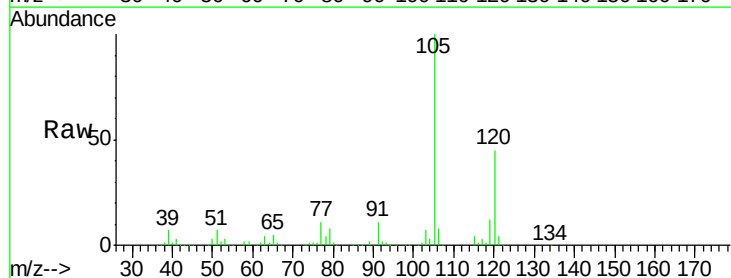
Manual Integrations
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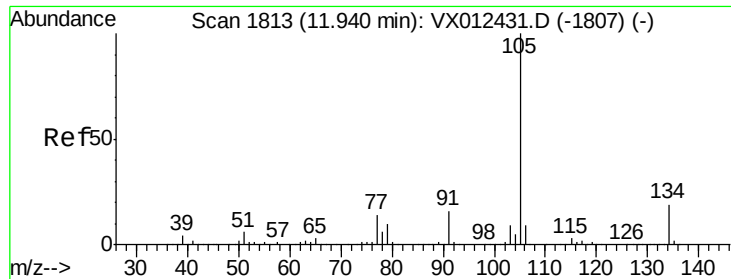
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.437 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	169662		
120	43.3	22.2	66.6	





#85

sec-Butylbenzene

Concen: 19.267 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

Instrument :

MSVOA_X

ClientSampleId :

VX0924WBS01

Tot Ion:105 Resp: 187047

Ion Ratio Lower Upper

105 100

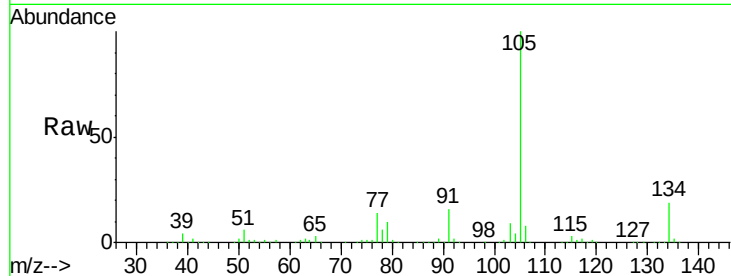
134 19.4 9.8 29.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

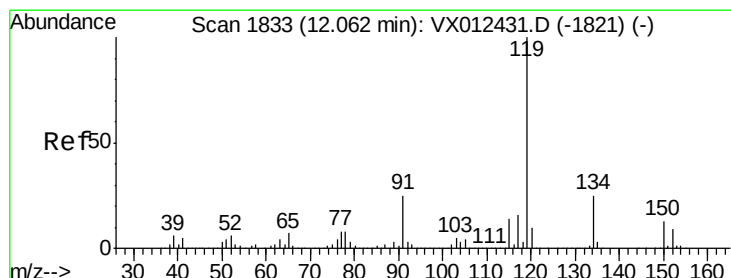
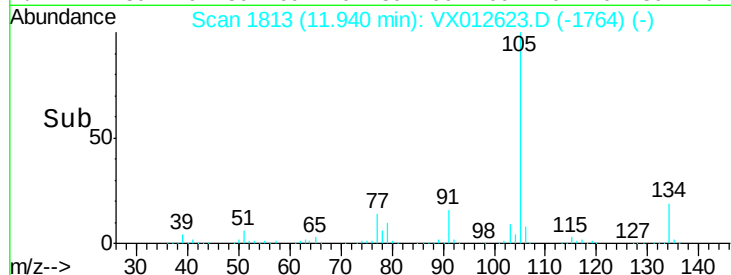
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.265 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012623.D

Acq: 24 Sep 2019 11:26

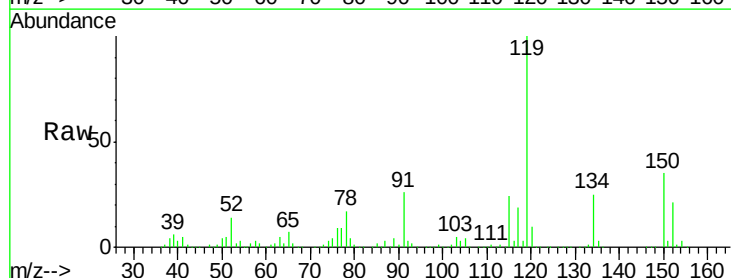
Tgt Ion:119 Resp: 168754

Ion Ratio Lower Upper

119 100

134 24.8 12.7 38.1

91 26.0 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

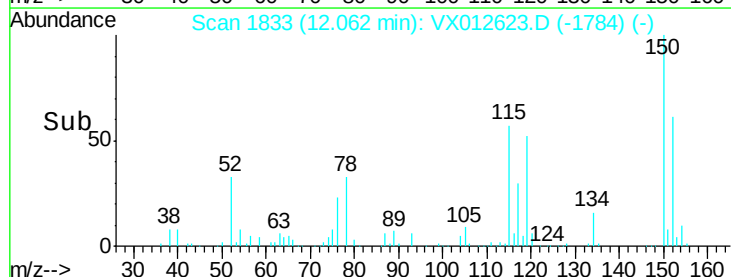
150000

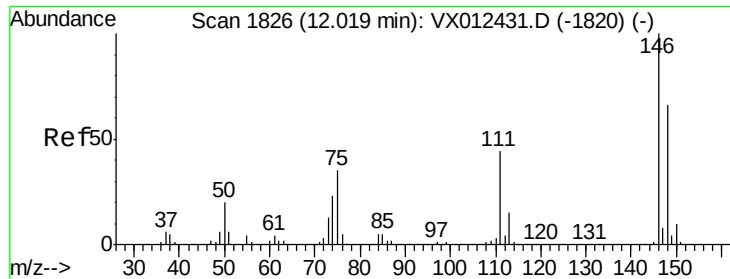
100000

50000

0

Time-->





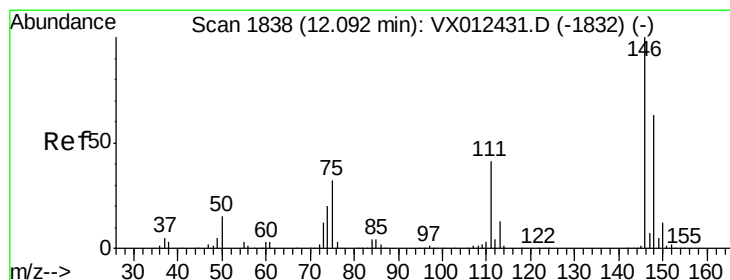
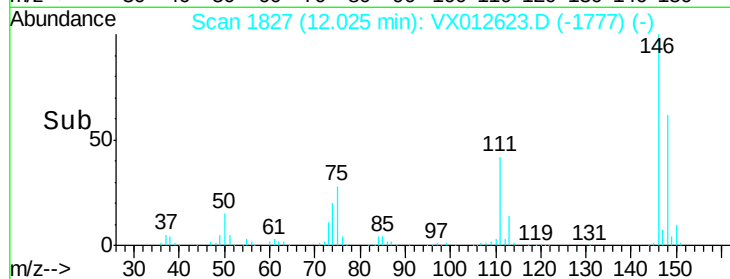
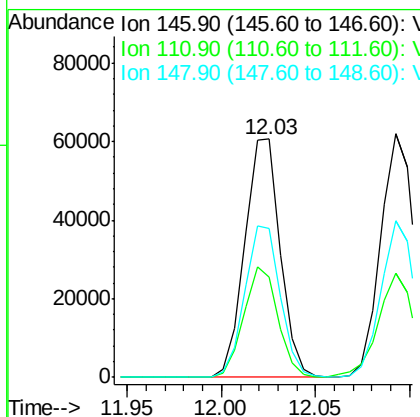
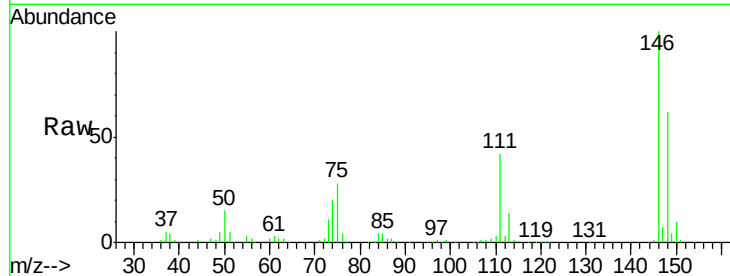
#87
 1,3-Dichlorobenzene
 Concen: 18.865 ug/l
 RT: 12.03 min Scan# 1827
 Delta R.T. 0.01 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.3	64.0
148	63.7	32.4	97.2

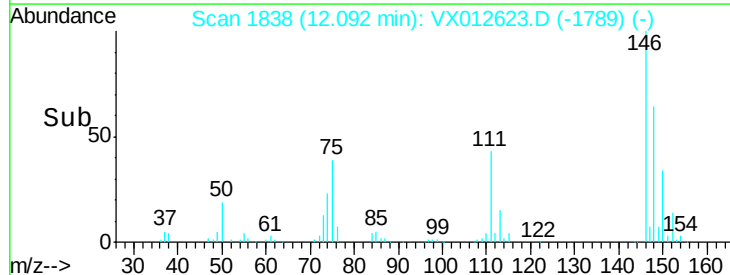
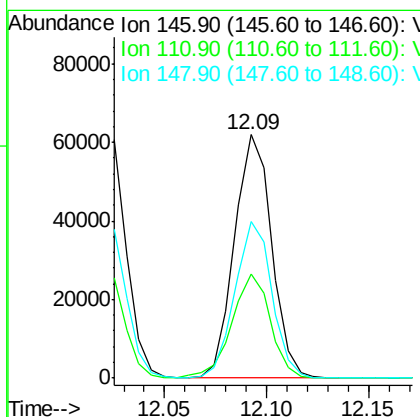
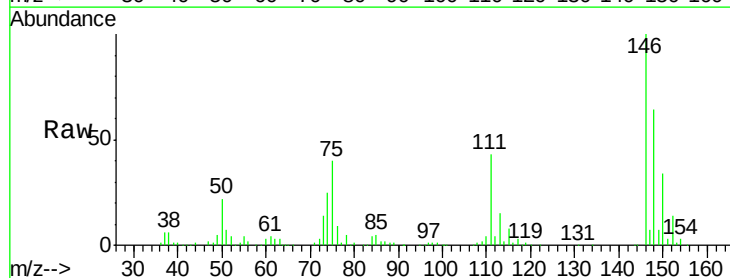
Manual Integrations
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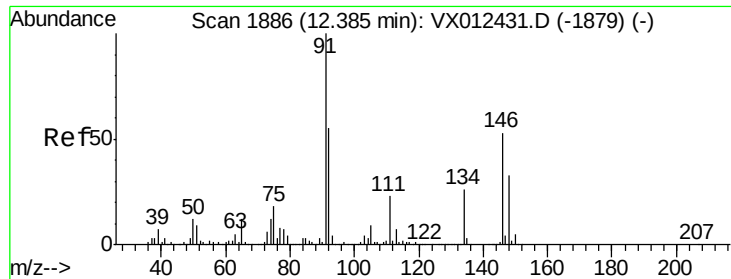
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#88
 1,4-Dichlorobenzene
 Concen: 18.435 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	21.1	63.3
148	64.4	32.1	96.5





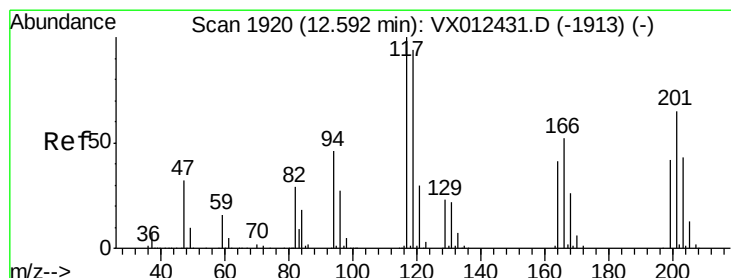
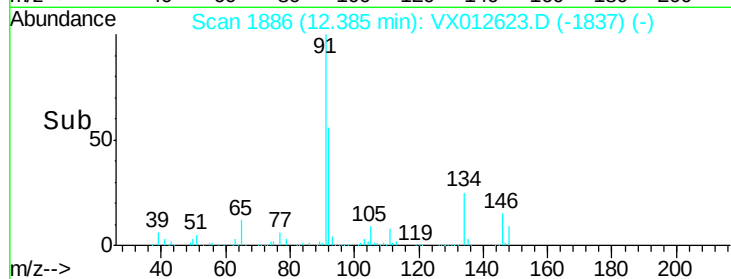
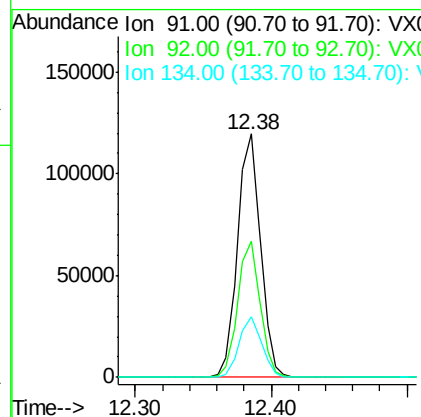
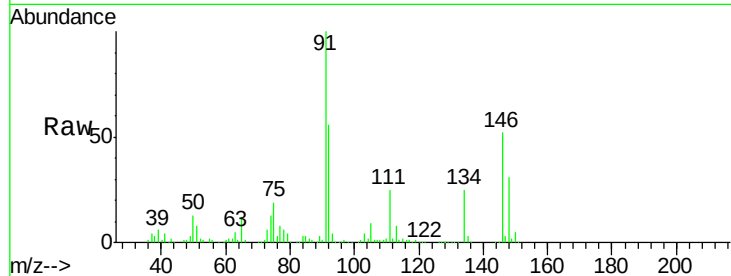
#89
n-Butylbenzene
Concen: 18.264 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.7	27.7	83.0	
134	24.7	12.9	38.6	

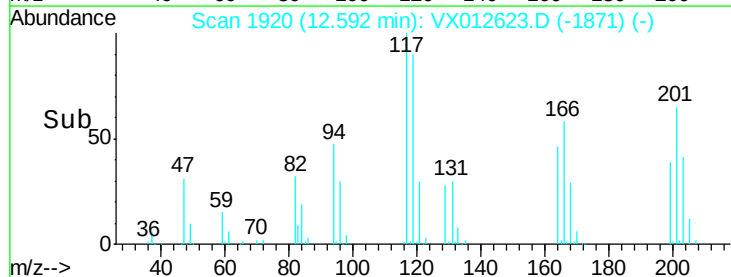
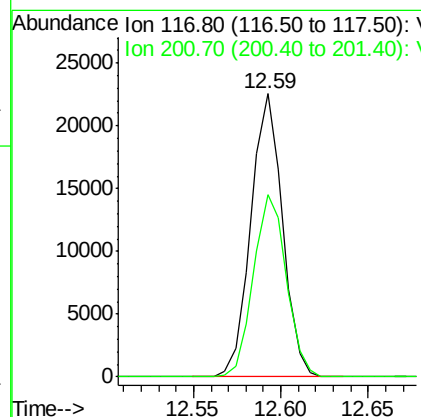
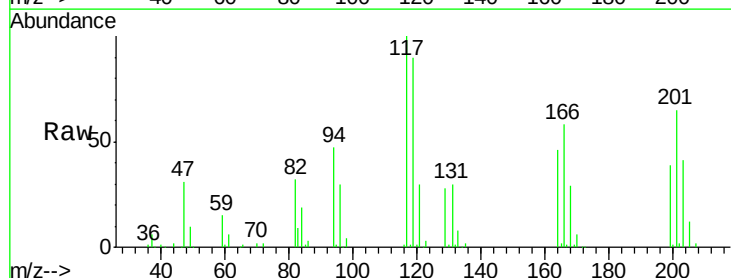
Manual Integrations
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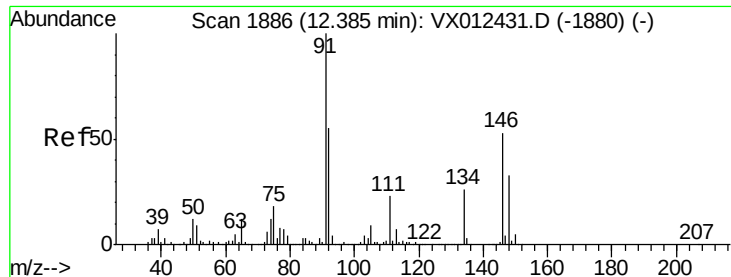
MMDadoda
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#90
Hexachloroethane
Concen: 18.087 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	67.1	33.3	99.8	





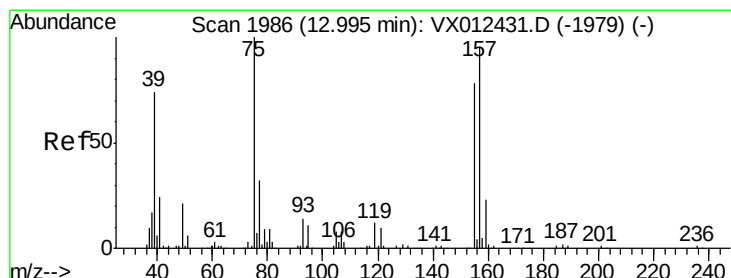
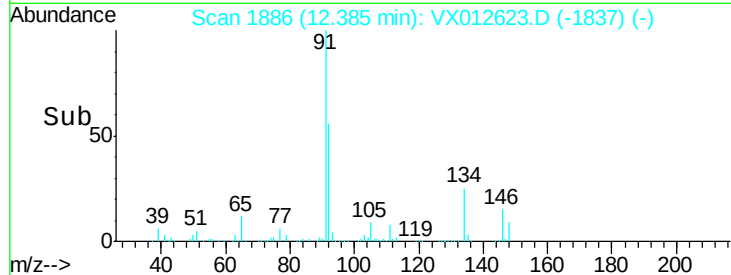
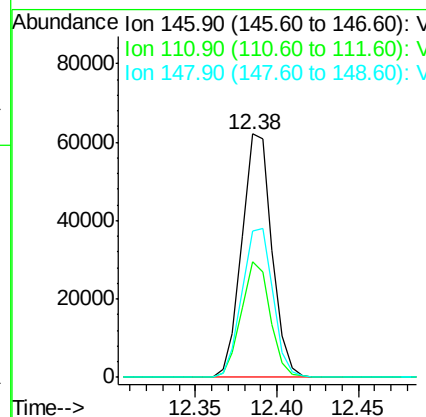
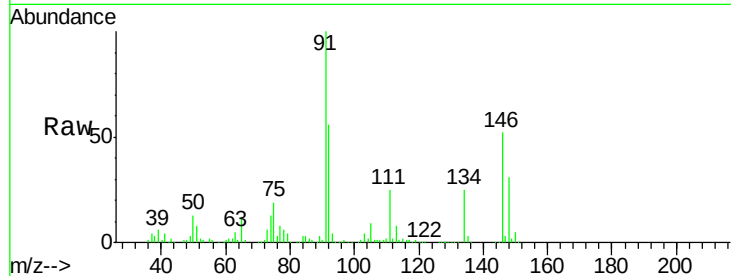
#91
 1,2-Dichlorobenzene
 Concen: 19.036 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	80093		
111	45.7	22.1	66.1	
148	63.2	31.3	93.9	

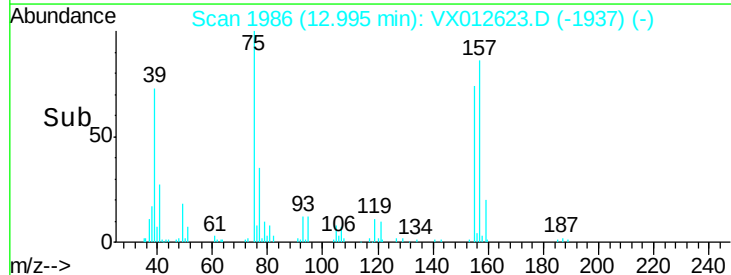
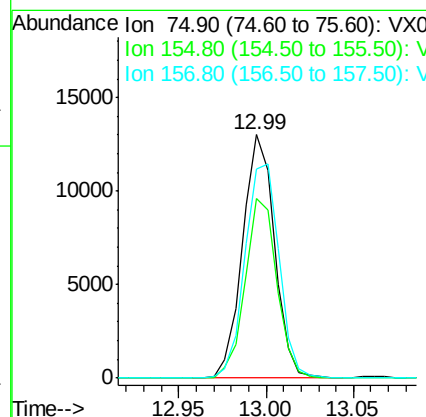
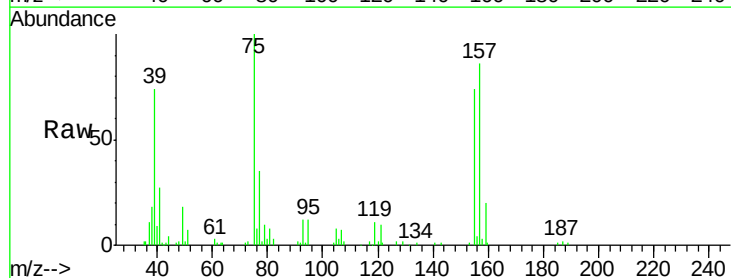
Manual Integrations
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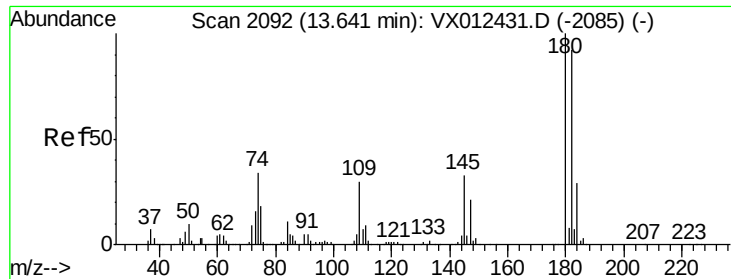
MMDadoda
 9/25/2019 9:29:47 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.434 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16612		
155	73.2	38.6	115.8	
157	93.9	50.6	151.9	





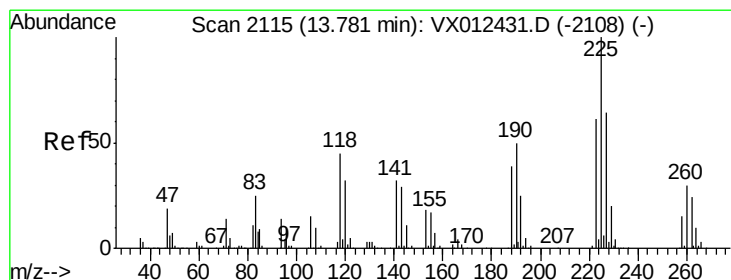
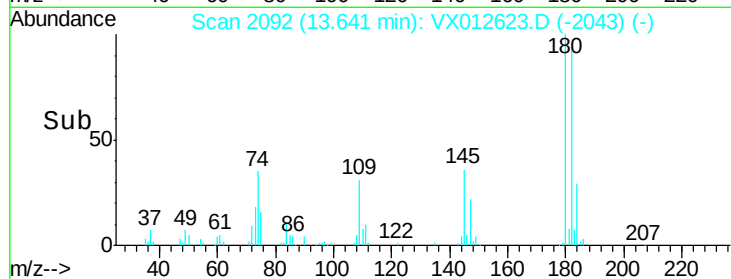
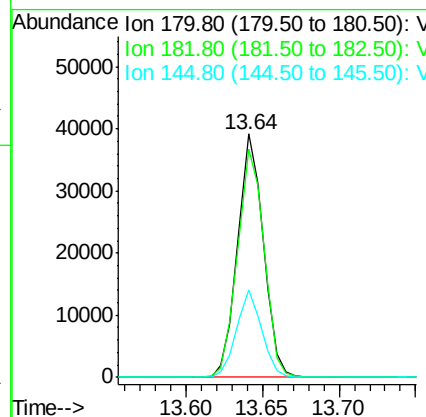
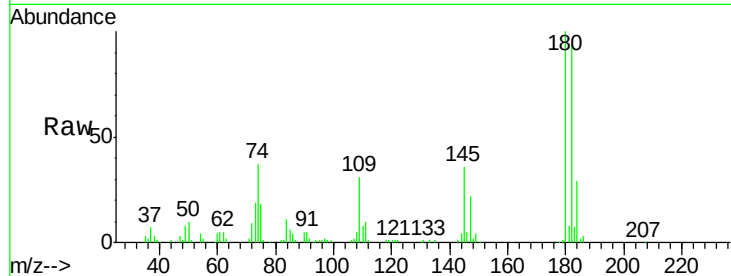
#93
 1,2,4-Trichlorobenzene
 Concen: 17.882 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	45883		
182	96.3	47.0	141.0	
145	35.0	16.8	50.4	

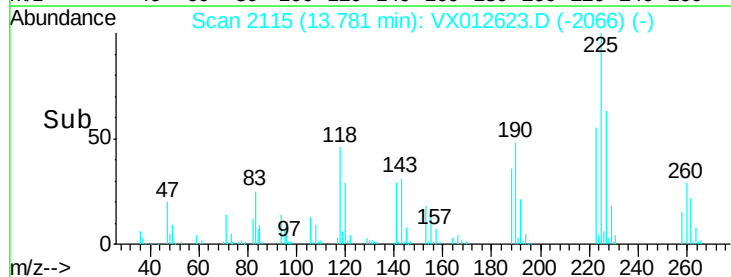
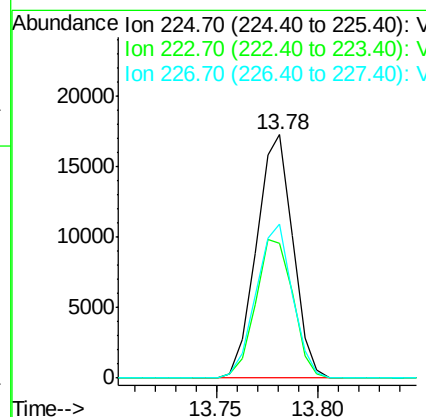
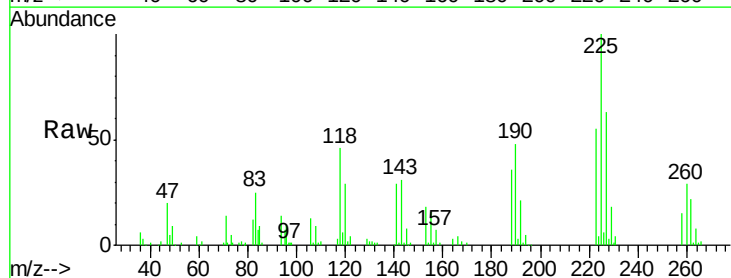
Manual Integrations
 APPROVED

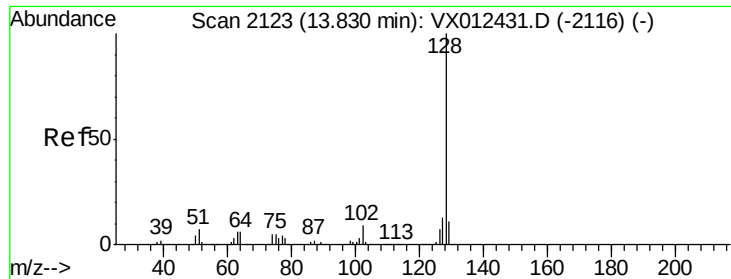
MMDadoda
 9/25/2019 9:29:47 AM



#94
 Hexachlorobutadiene
 Concen: 19.444 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012623.D
 Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	21463		
223	58.5	32.0	96.2	
227	63.0	31.9	95.5	





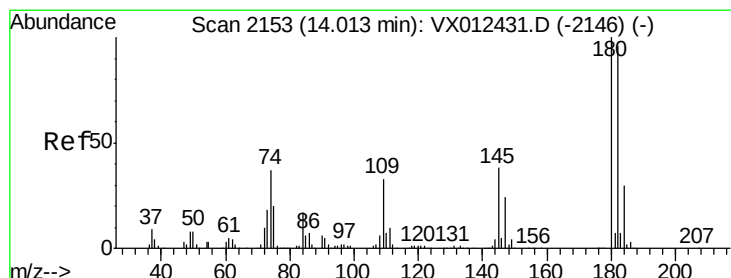
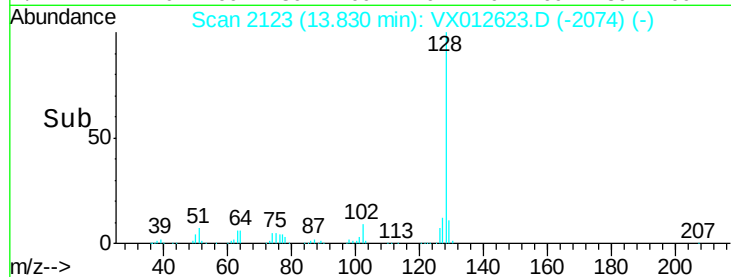
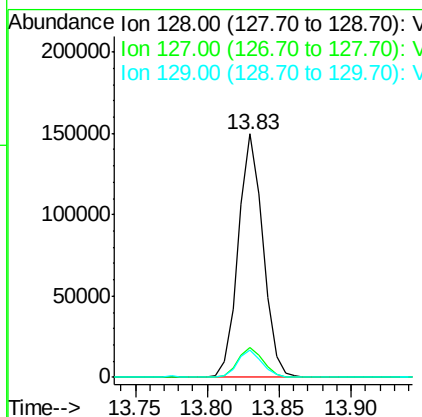
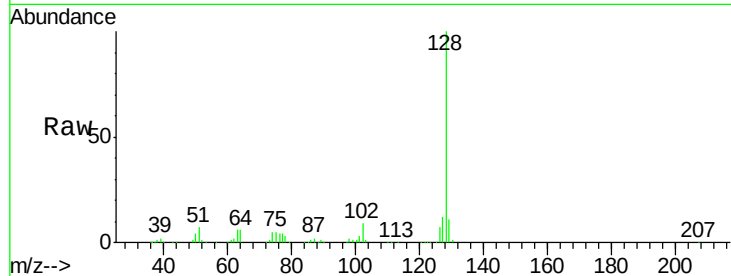
#95
Naphthalene
Concen: 19.240 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Instrument :
MSVOA_X
ClientSampleId :
VX0924WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	178618		
127	12.6	10.2	15.4	
129	11.2	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
9/25/2019 9:29:47 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.707 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX012623.D
Acq: 24 Sep 2019 11:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	48082		
182	95.5	47.1	141.3	
145	36.4	18.0	54.0	

