

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092519\
 Data File : VX012652.D
 Acq On : 25 Sep 2019 11:35
 Operator : JC/SP
 Sample : VX0925WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 9:33:34 AM

Quant Time: Sep 25 23:30:53 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	182628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	323846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	288140	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126940	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	128307	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.49	113	93249	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
50) Toluene-d8	8.71	98	355134	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	11.14	95	137532	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	37046	18.031	ug/l	100
3) Chloromethane	1.32	50	43538	18.455	ug/l	100
4) Vinyl Chloride	1.40	62	45054	19.213	ug/l	98
5) Bromomethane	1.63	94	20691	22.442	ug/l	97
6) Chloroethane	1.72	64	29227	18.489	ug/l	95
7) Trichlorofluoromethane	1.92	101	62092	18.860	ug/l	99
8) Diethyl Ether	2.18	74	26537	19.668	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	38308	19.104	ug/l	97
10) Methyl Iodide	2.50	142	34923	19.847	ug/l	96
11) Tert butyl alcohol	3.03	59	72339	108.889	ug/l	99
12) 1,1-Dichloroethene	2.36	96	38429	19.571	ug/l	94
13) Acrolein	2.28	56	29353	86.302	ug/l	100
14) Allyl chloride	2.72	41	75875	19.476	ug/l	98
15) Acrylonitrile	3.13	53	132698	98.455	ug/l	99
16) Acetone	2.44	43	145504	103.294	ug/l	96
17) Carbon Disulfide	2.56	76	96498	17.530	ug/l	98
18) Methyl Acetate	2.76	43	65927	19.876	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	147325	19.822	ug/l	100
20) Methylene Chloride	2.85	84	44600	18.720	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	40666	18.694	ug/l	93
22) Diisopropyl ether	3.84	45	149248	19.827	ug/l	96
23) Vinyl Acetate	3.80	43	658884	99.810	ug/l	99
24) 1,1-Dichloroethane	3.69	63	80869	19.764	ug/l	97
25) 2-Butanone	4.66	43	205036	101.514	ug/l	97
26) 2,2-Dichloropropane	4.58	77	71266	19.583	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	47854	18.959	ug/l	98
28) Bromochloromethane	5.00	49	28588	19.242	ug/l	98
29) Tetrahydrofuran	5.12	42	123504	100.323	ug/l	97
30) Chloroform	5.20	83	81580	19.487	ug/l	98
31) Cyclohexane	5.57	56	71999	19.450	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	72089	19.430	ug/l	99
36) 1,1-Dichloropropene	5.79	75	59448	19.045	ug/l	99
37) Ethyl Acetate	4.82	43	74128	20.312	ug/l	98
38) Carbon Tetrachloride	5.78	117	60091	18.951	ug/l	99

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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	70099	18.654	ug/l	97
40) Benzene	6.14	78	177938	19.374	ug/l	97
41) Methacrylonitrile	5.03	41	41199	20.121	ug/l	96
42) 1,2-Dichloroethane	6.18	62	69567	19.946	ug/l	100
43) Isopropyl Acetate	6.43	43	119372	19.560	ug/l	99
44) Trichloroethene	7.21	130	43889	18.692	ug/l	98
45) 1,2-Dichloropropane	7.51	63	45959	19.545	ug/l	98
46) Dibromomethane	7.66	93	30985	19.354	ug/l	93
47) Bromodichloromethane	7.89	83	60610	18.942	ug/l	97
48) Methyl methacrylate	7.76	41	57482	19.643	ug/l	97
49) 1,4-Dioxane	7.73	88	26466	398.740	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	373135	99.048	ug/l	97
52) Toluene	8.78	92	109912	19.041	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	66186	18.695	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	74418	19.252	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	44821	19.530	ug/l	97
56) Ethyl methacrylate	9.17	69	75086	19.475	ug/l	95
57) 1,3-Dichloropropane	9.37	76	79346	19.755	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	168998	97.649	ug/l	97
59) 2-Hexanone	9.49	43	290473	100.733	ug/l	96
60) Dibromochloromethane	9.57	129	43009	18.513	ug/l	99
61) 1,2-Dibromoethane	9.67	107	48064	20.124	ug/l	96
64) Tetrachloroethene	9.33	164	40939	20.378	ug/l	97
65) Chlorobenzene	10.14	112	115106	18.970	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	42617	19.385	ug/l	98
67) Ethyl Benzene	10.25	91	215697	19.600	ug/l	96
68) m/p-Xylenes	10.35	106	155292	37.669	ug/l	97
69) o-Xylene	10.70	106	78160	19.594	ug/l	99
70) Styrene	10.71	104	128418	19.203	ug/l	99
71) Bromoform	10.85	173	27786	18.151	ug/l #	97
73) Isopropylbenzene	11.01	105	207645	20.084	ug/l	99
74) N-amyl acetate	10.89	43	97442	19.756	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	68746	20.077	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	66342m	19.757	ug/l	
77) Bromobenzene	11.25	156	45744	19.549	ug/l	94
78) n-propylbenzene	11.35	91	227553	19.550	ug/l	100
79) 2-Chlorotoluene	11.42	91	143490	19.762	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	175656	20.260	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	21118	18.023	ug/l	95
82) 4-Chlorotoluene	11.51	91	163998	19.813	ug/l	97
83) tert-Butylbenzene	11.77	119	166041	19.853	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	176348	20.163	ug/l	98
85) sec-Butylbenzene	11.94	105	193491	19.891	ug/l	99
86) p-Isopropyltoluene	12.06	119	176098	20.063	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	80923	19.217	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	81814	19.227	ug/l	98
89) n-Butylbenzene	12.38	91	148143	19.154	ug/l	98
90) Hexachloroethane	12.59	117	28557	18.249	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	82716	19.620	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	16856	19.680	ug/l	93

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ClientSampleId :
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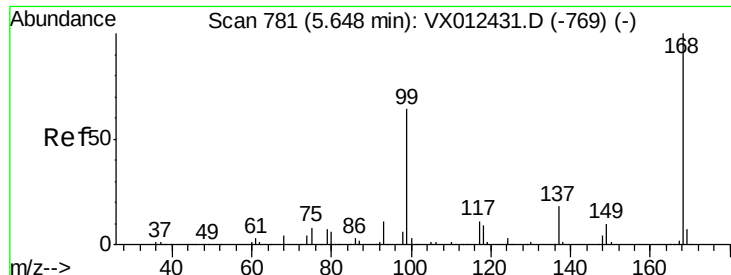
Manual Integrations
APPROVED

MMDadoda
9/26/2019 9:33:34 AM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47375	18.426	ug/l	97
94) Hexachlorobutadiene	13.77	225	21418	19.364	ug/l	100
95) Naphthalene	13.83	128	188367	20.250	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	49889	19.371	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: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion:168 Resp: 182628

Ion Ratio Lower Upper

168 100

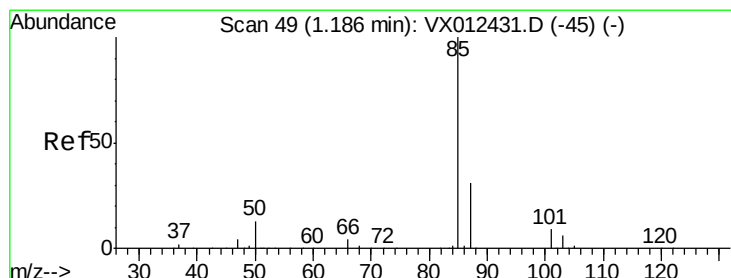
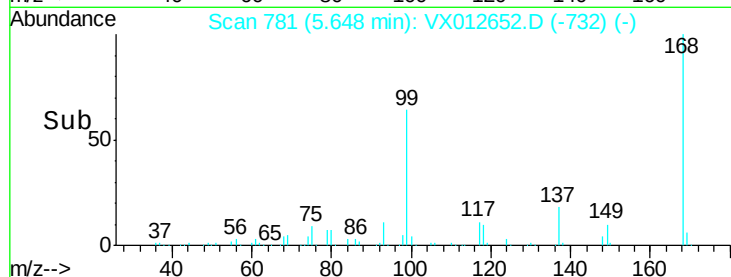
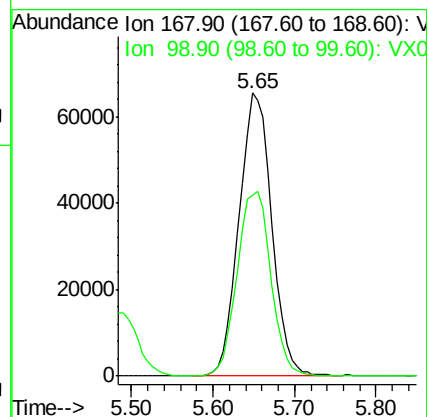
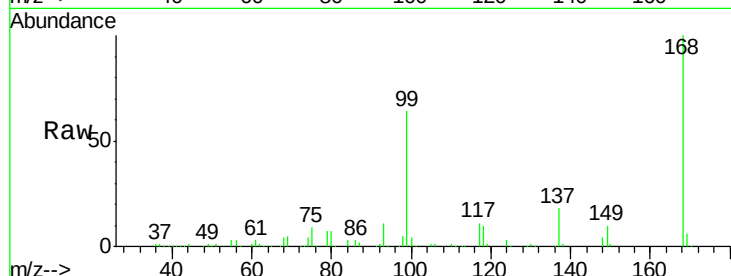
99 64.0 51.4 77.2

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 18.031 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012652.D

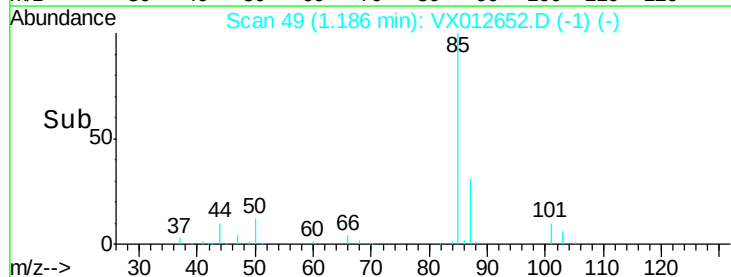
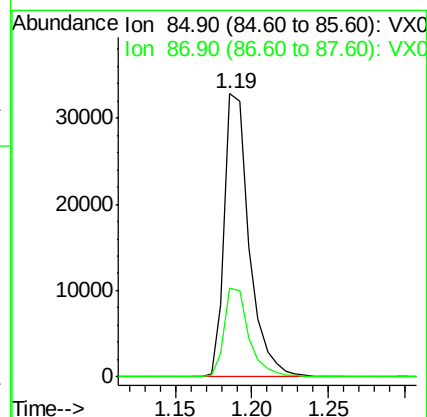
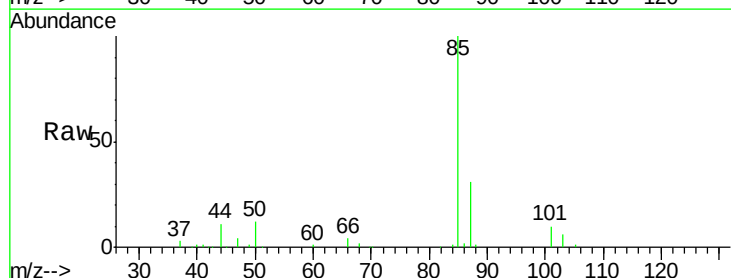
Acq: 25 Sep 2019 11:35

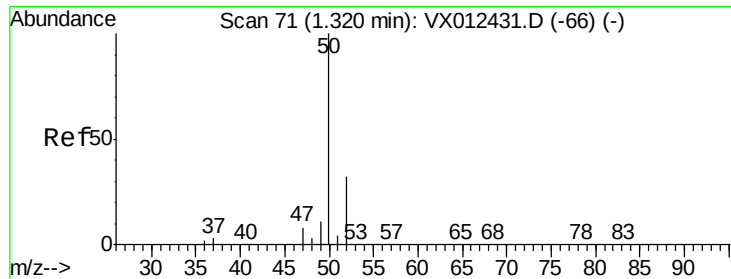
Tgt Ion: 85 Resp: 37046

Ion Ratio Lower Upper

85 100

87 31.4 15.6 46.8





#3

Chloromethane

Concen: 18.455 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 50 Resp: 43538

Ion Ratio Lower Upper

50 100

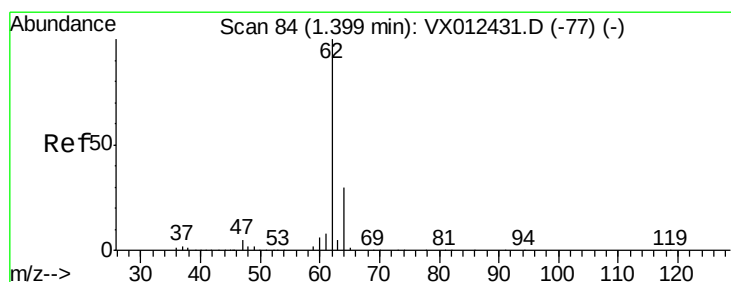
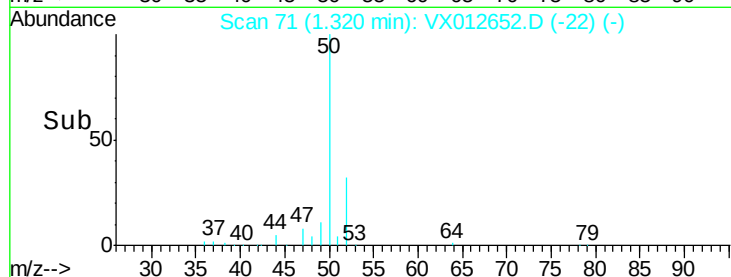
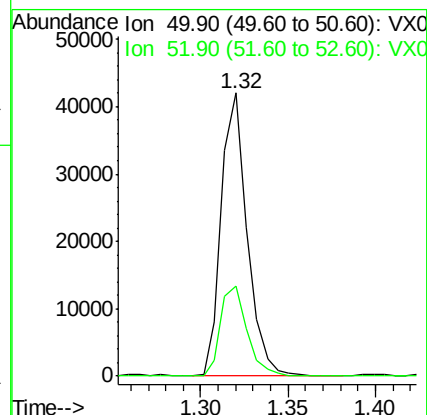
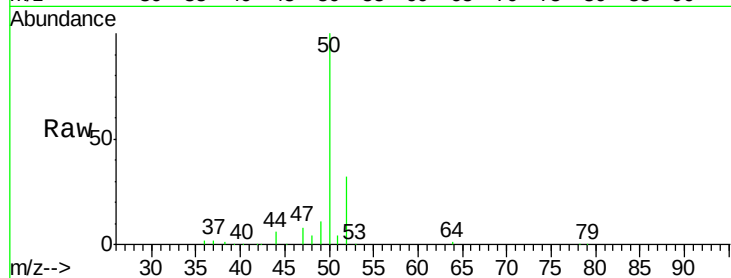
52 32.0 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.213 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012652.D

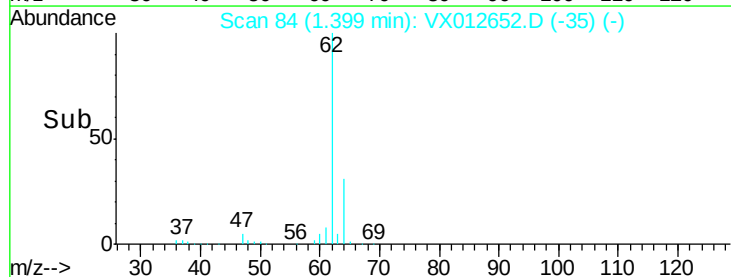
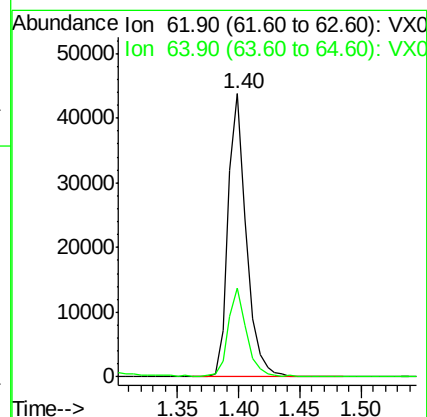
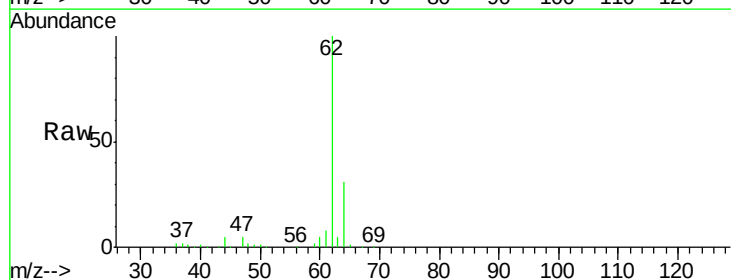
Acq: 25 Sep 2019 11:35

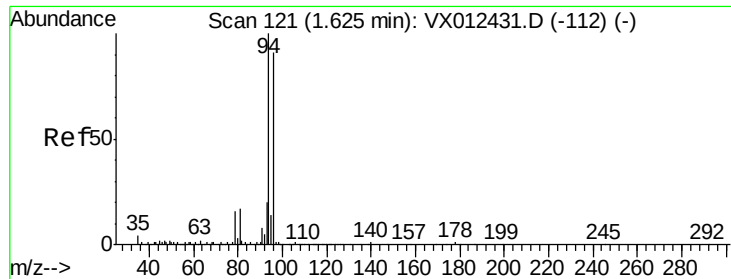
Tgt Ion: 62 Resp: 45054

Ion Ratio Lower Upper

62 100

64 31.2 24.2 36.2





#5

Bromomethane

Concen: 22.442 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 94 Resp: 20691

Ion Ratio Lower Upper

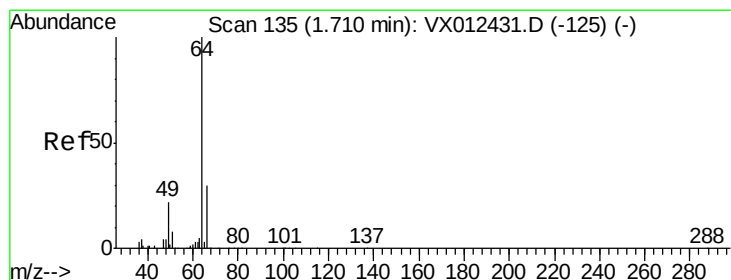
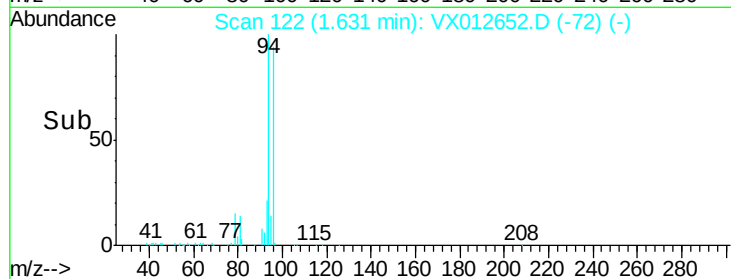
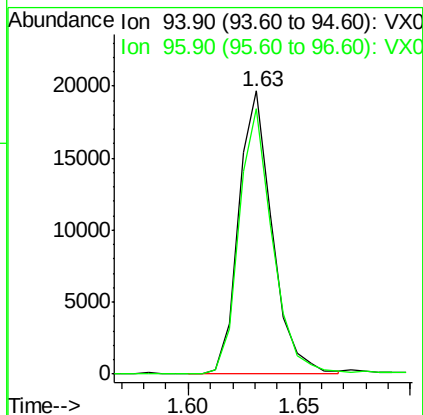
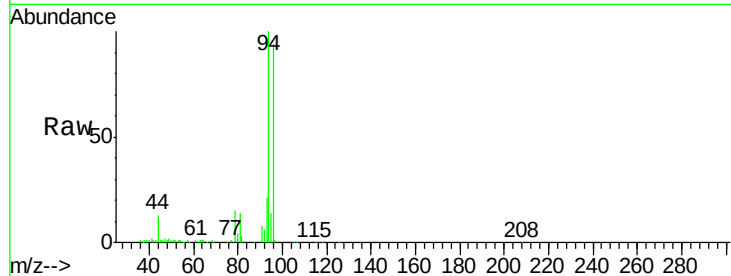
94 100

96 93.6 72.8 109.2

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 18.489 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012652.D

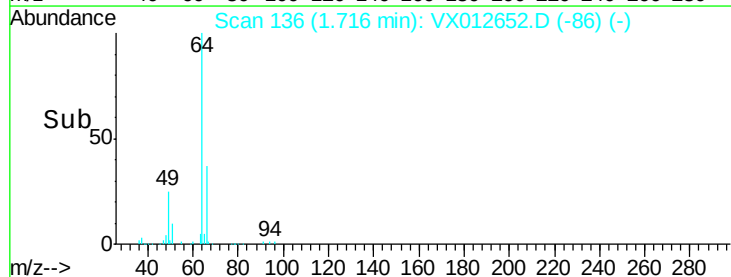
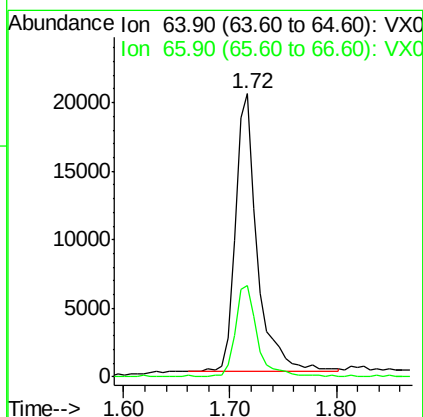
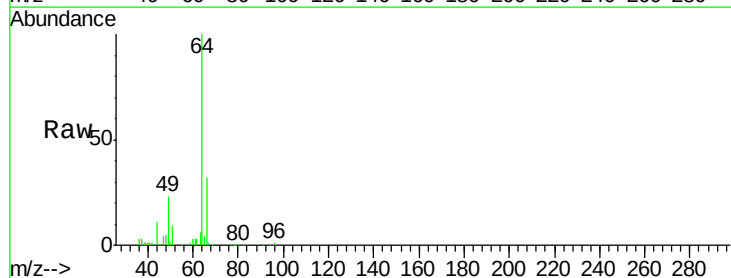
Acq: 25 Sep 2019 11:35

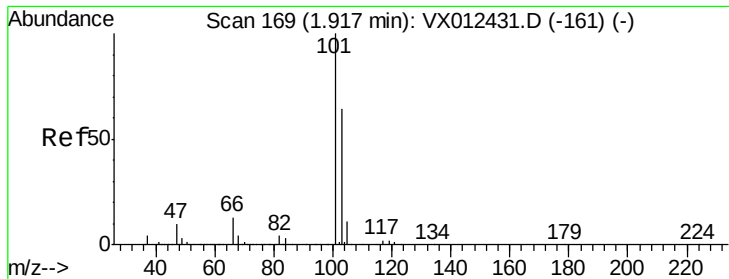
Tgt Ion: 64 Resp: 29227

Ion Ratio Lower Upper

64 100

66 32.5 24.0 36.0





#7

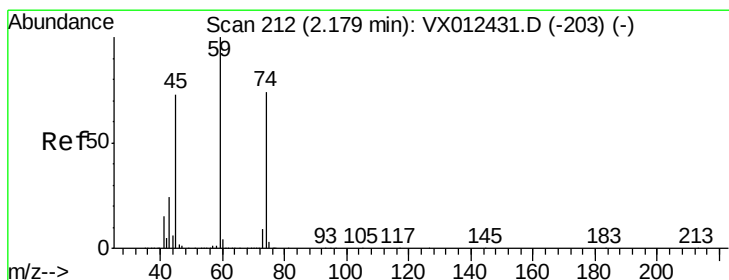
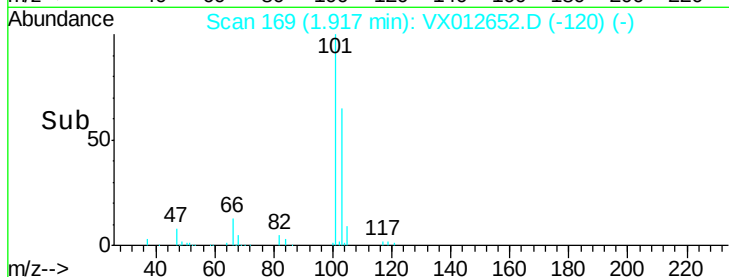
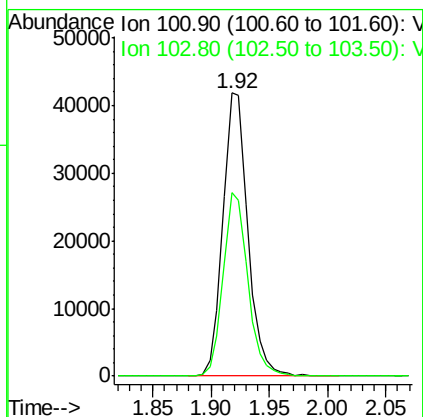
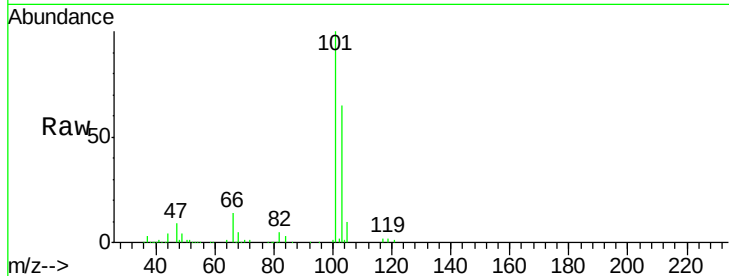
Trichlorofluoromethane
 Concen: 18.860 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.4

Manual Integrations
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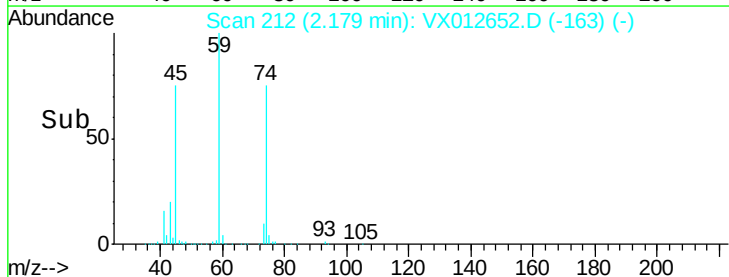
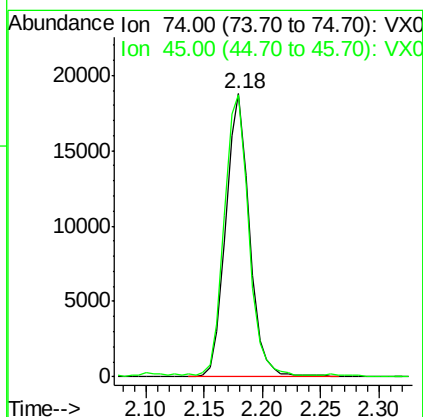
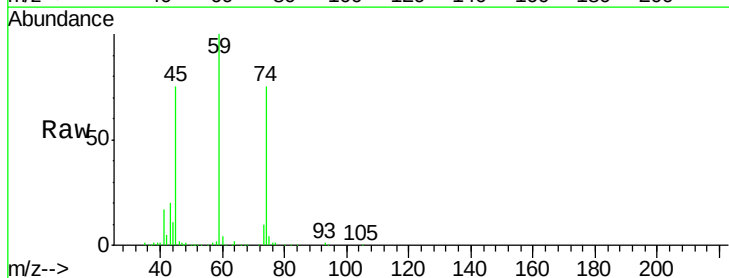
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 9/26/2019 9:33:34 AM

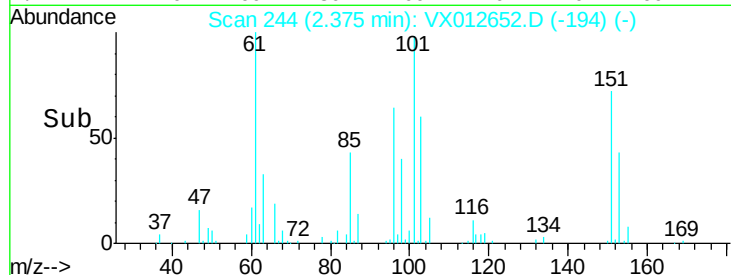
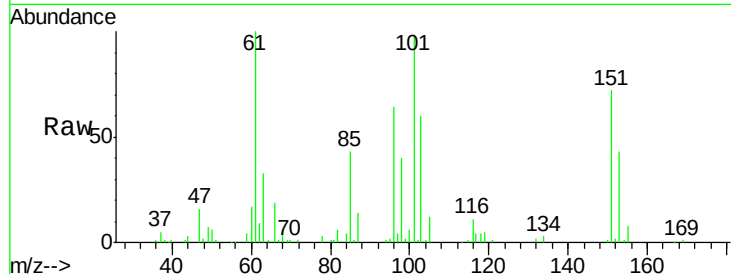
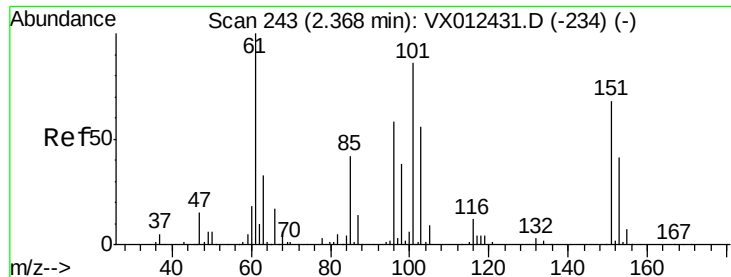


#8

Diethyl Ether
 Concen: 19.668 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.7	49.9	149.7





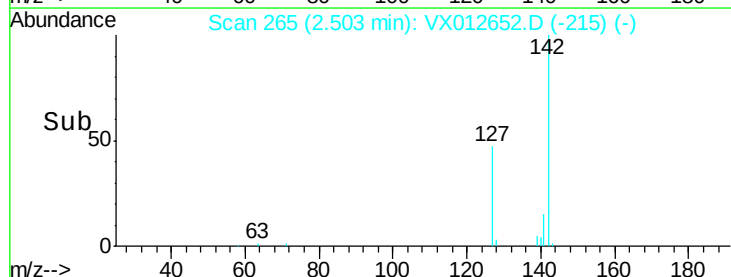
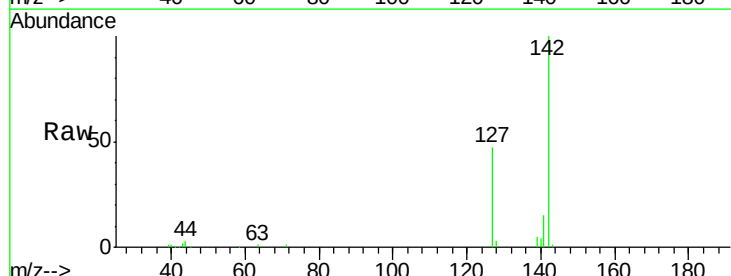
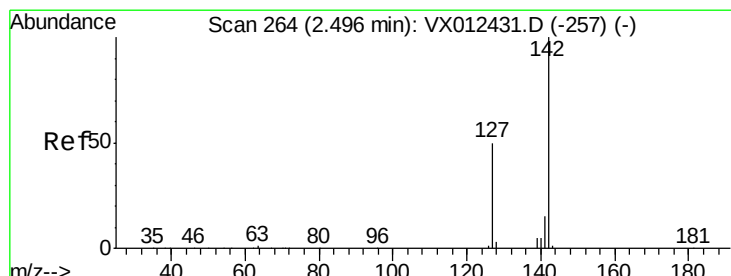
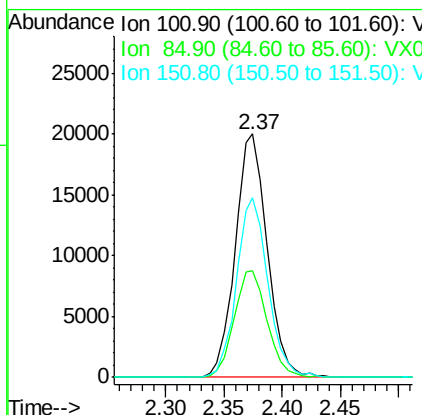
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.104 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	38308		
85	45.2	37.3	55.9	
151	72.6	61.0	91.4	

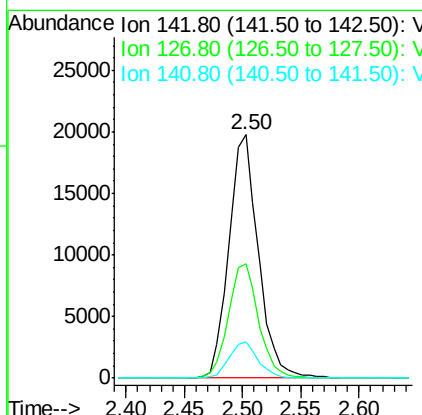
Manual Integrations
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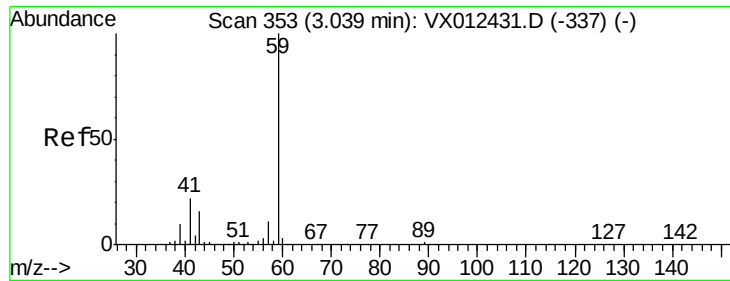
MMDadoda
9/26/2019 9:33:34 AM



#10
Methyl Iodide
Concen: 19.847 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	34923		
127	48.1	40.8	61.2	
141	14.6	12.1	18.1	





#11

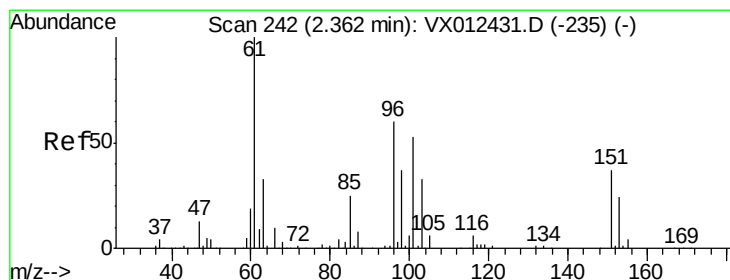
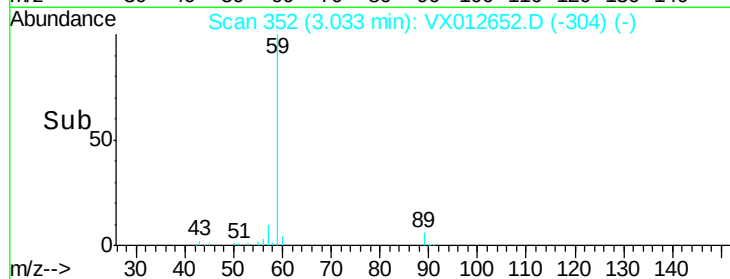
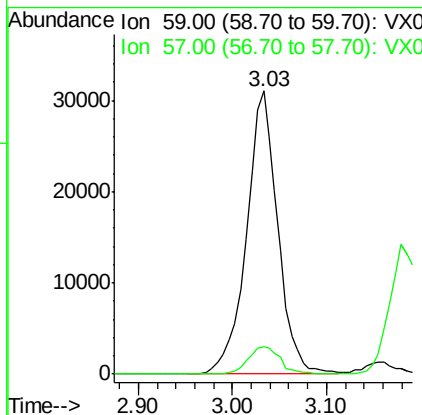
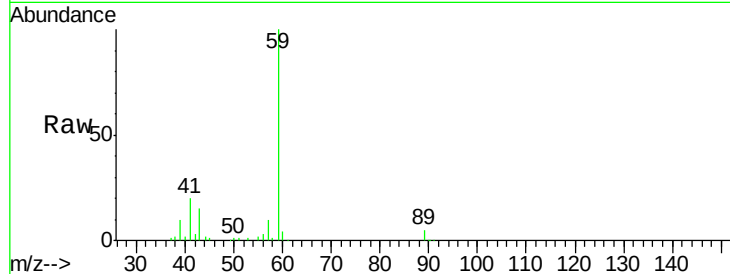
Tert butyl alcohol
 Concen: 108.889 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

Manual Integrations
 APPROVED

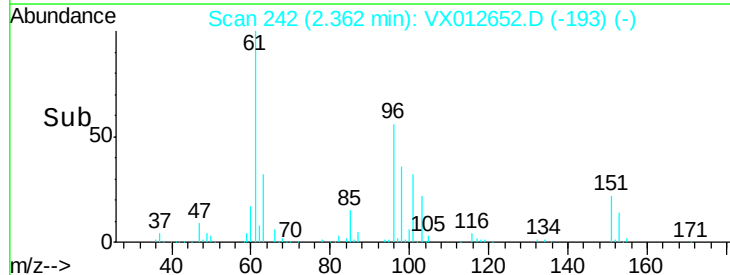
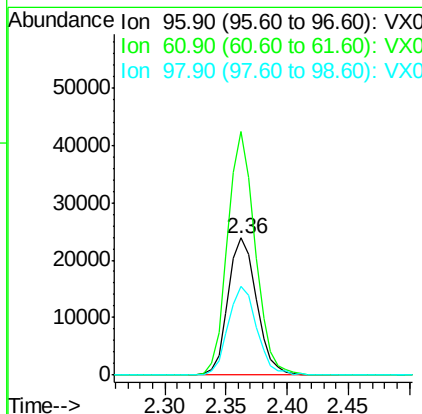
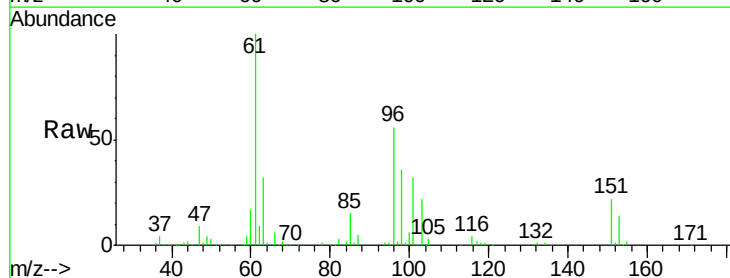
MMDadoda
 9/26/2019 9:33:34 AM

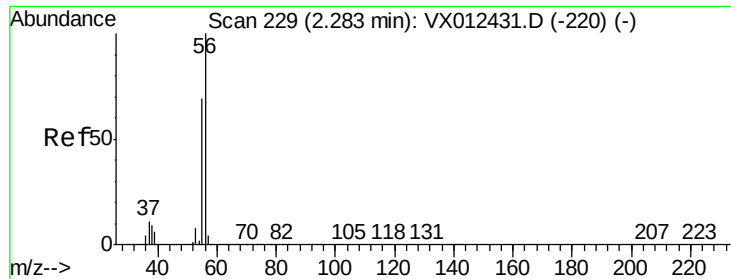


#12

1,1-Dichloroethene
 Concen: 19.571 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.6	133.8	200.6
98	64.5	49.9	74.9





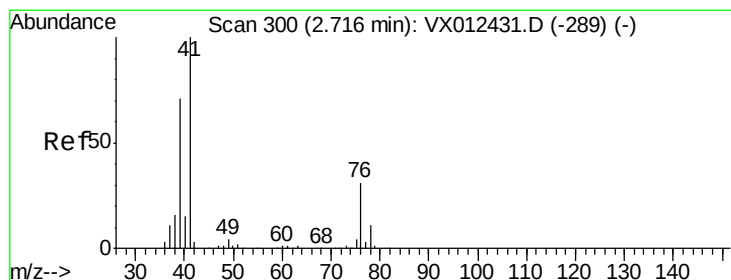
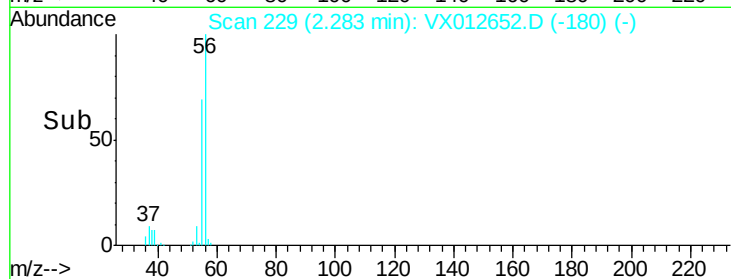
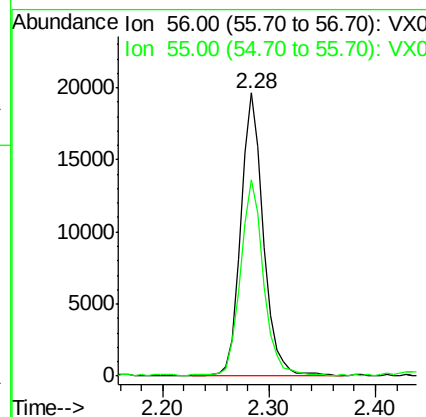
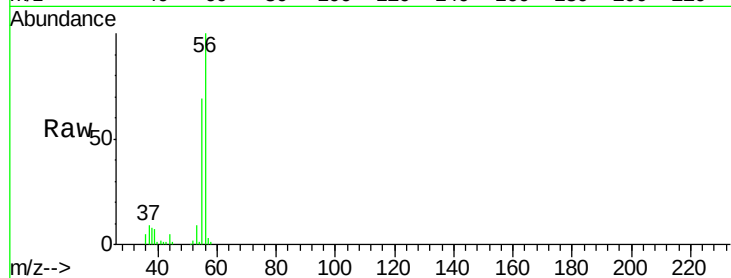
#13
Acrolein
Concen: 86.302 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	55.8	83.8

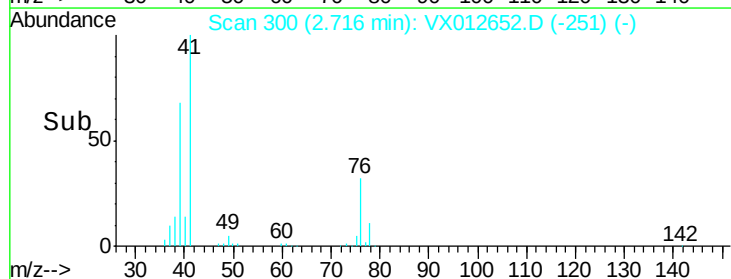
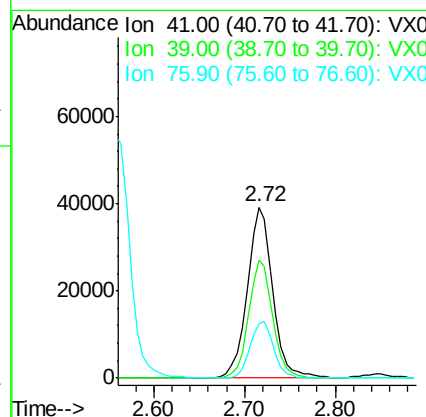
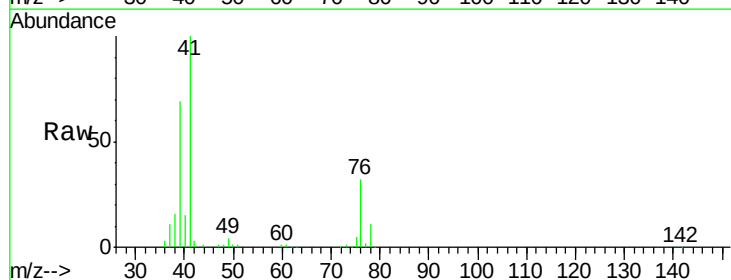
Manual Integrations
APPROVED

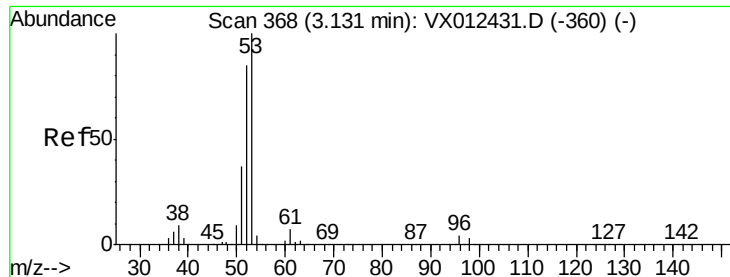
MMDadoda
9/26/2019 9:33:34 AM



#14
Allyl chloride
Concen: 19.476 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.1	51.3	76.9
76	30.6	22.6	33.8





#15

Acrylonitrile

Concen: 98.455 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

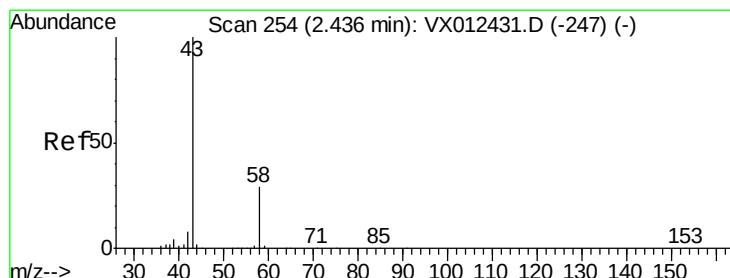
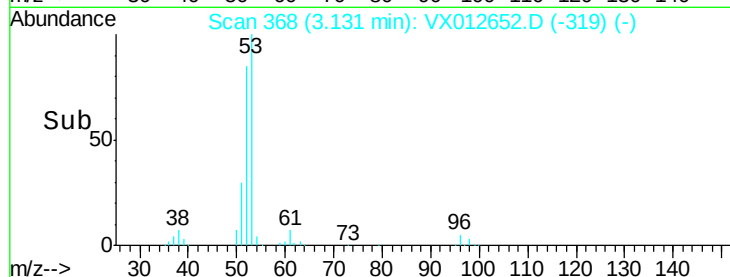
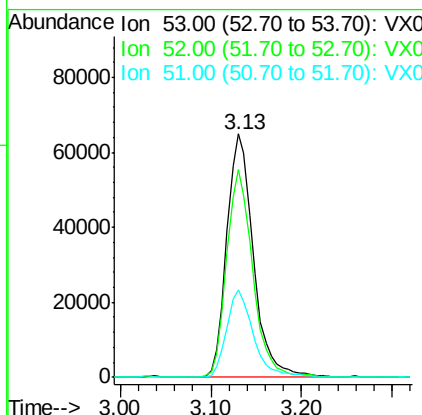
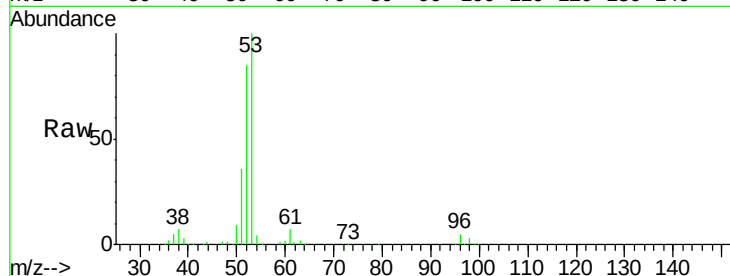
ClientSampleId :

VX0925WBS01

Tot Ion:	53	Resp:	132698
Ion Ratio		Lower	Upper
53	100		
52	84.4	67.0	100.4
51	36.1	29.6	44.4

Manual Integrations
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MMDadoda
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#16

Acetone

Concen: 103.294 ug/l

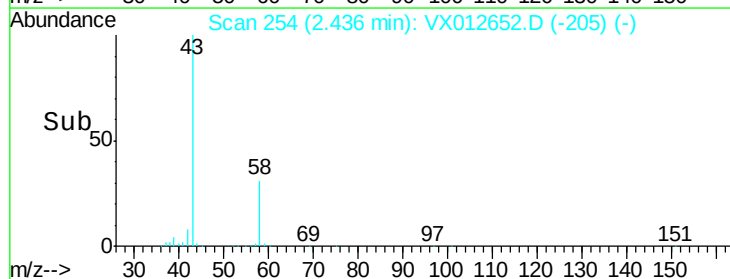
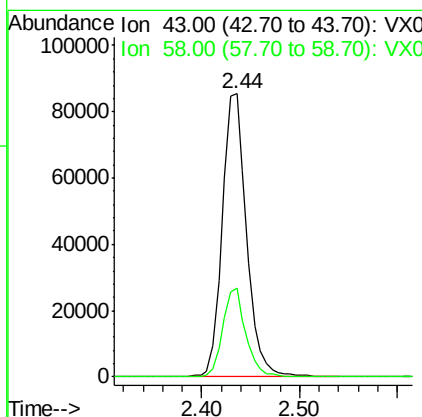
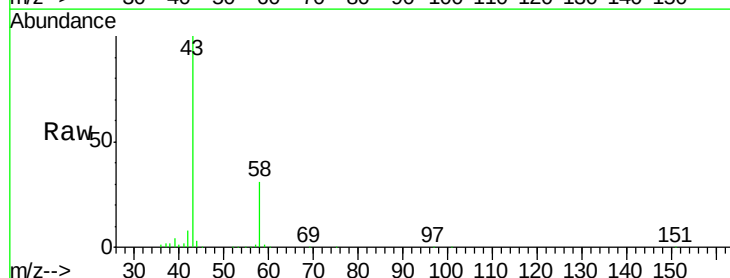
RT: 2.44 min Scan# 254

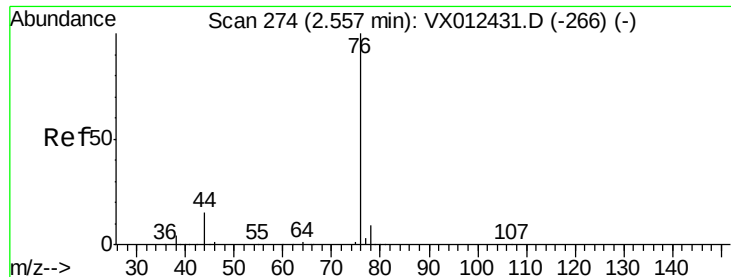
Delta R.T. 0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Tgt Ion:	43	Resp:	145504
Ion Ratio		Lower	Upper
43	100		
58	31.2	23.3	34.9





#17

Carbon Disulfide

Concen: 17.530 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 76 Resp: 96498

Ion Ratio Lower Upper

76 100

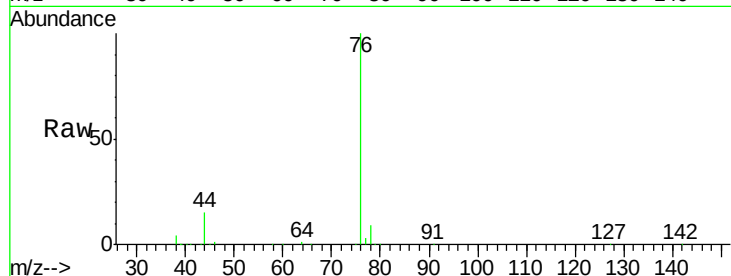
78 8.5 7.3 10.9

Manual Integrations

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9/26/2019 9:33:34 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

60000

50000

40000

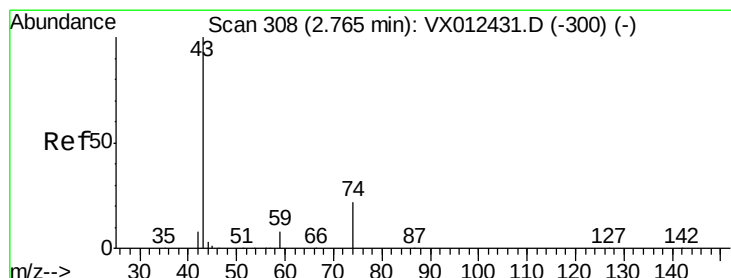
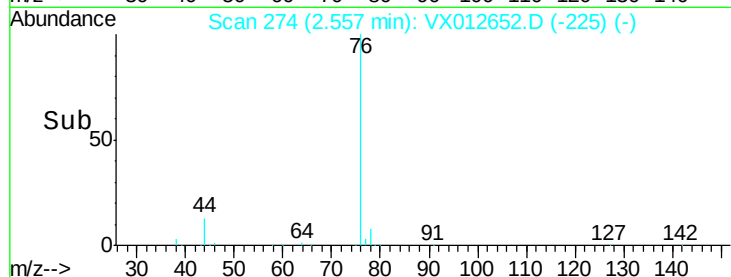
30000

20000

10000

0

Time-->



#18

Methyl Acetate

Concen: 19.876 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012652.D

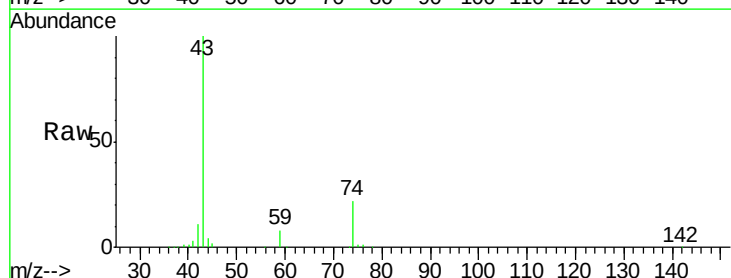
Acq: 25 Sep 2019 11:35

Tgt Ion: 43 Resp: 65927

Ion Ratio Lower Upper

43 100

74 22.7 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

40000

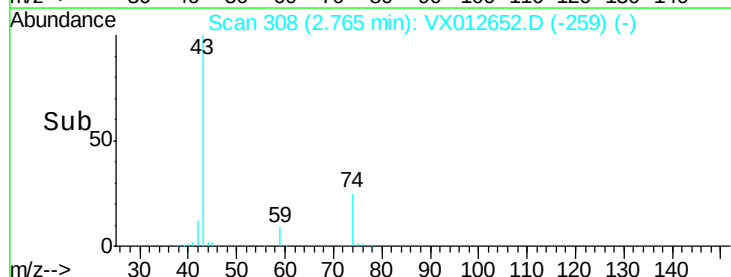
30000

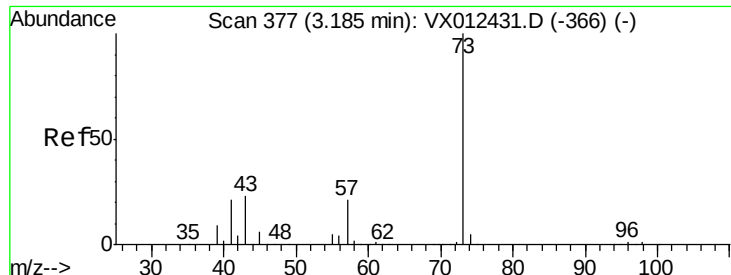
20000

10000

0

Time-->





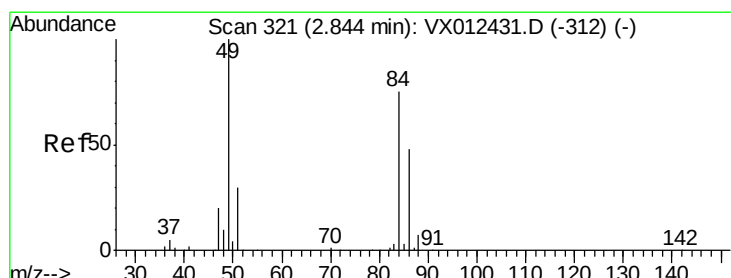
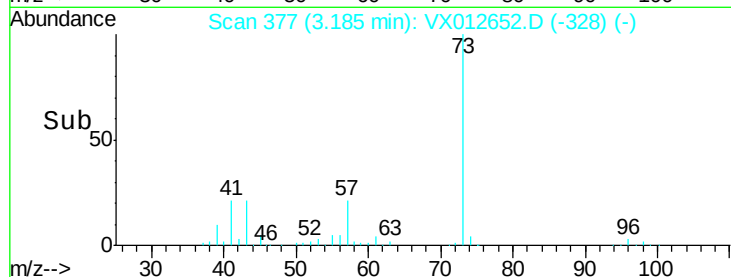
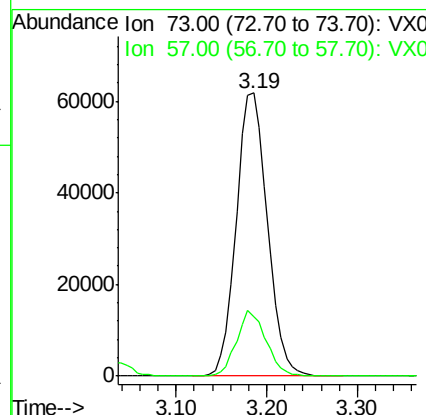
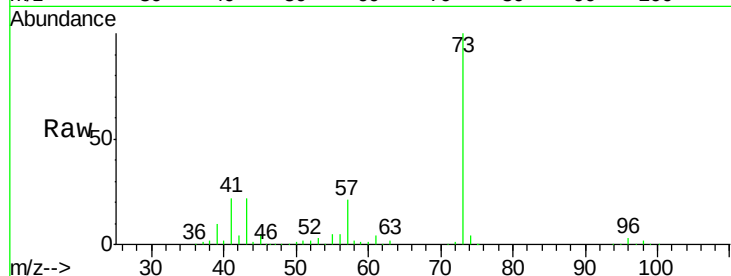
#19
Methyl tert-butyl Ether
Concen: 19.822 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.8	25.2

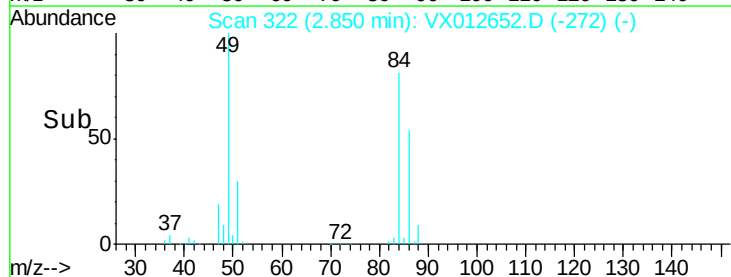
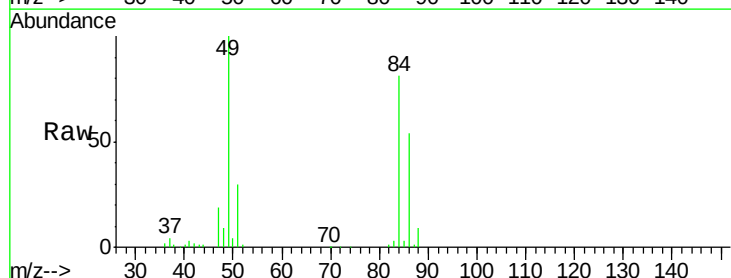
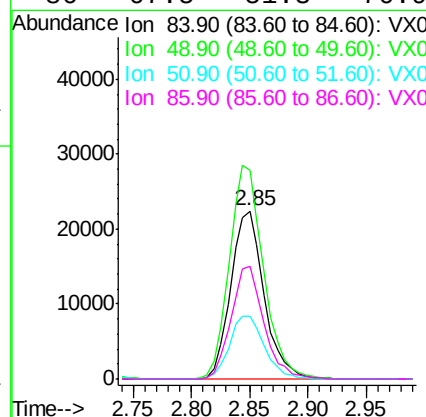
Manual Integrations
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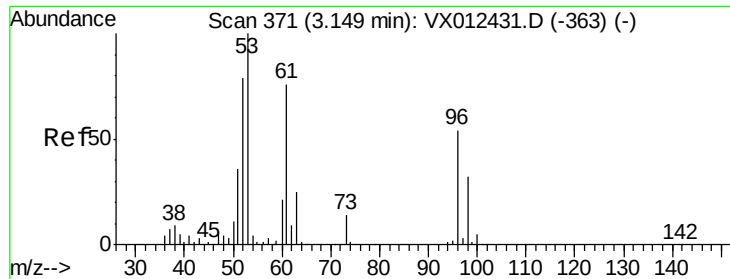
MMDadoda
9/26/2019 9:33:34 AM



#20
Methylene Chloride
Concen: 18.720 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.1	106.8	160.2
51	37.1	32.3	48.5
86	67.5	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 18.694 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

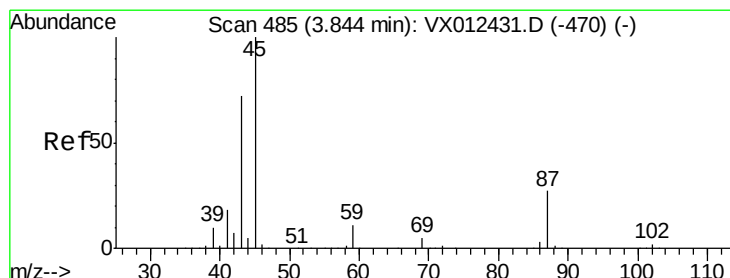
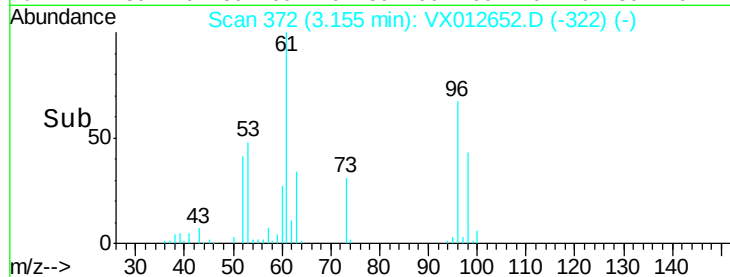
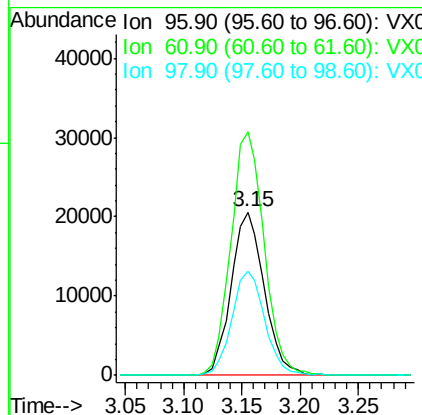
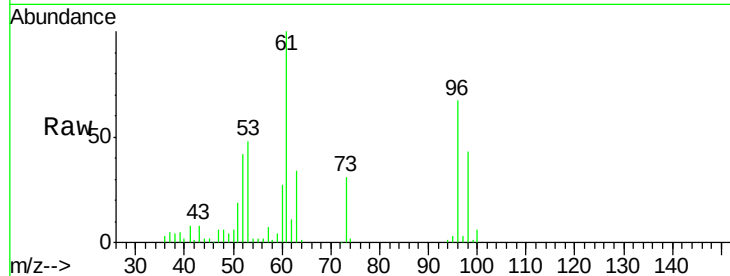
ClientSampleId :

VX0925WBS01

Tot Ion:	96	Resp:	40666
Ion	Ratio	Lower	Upper
96	100		
61	149.4	112.0	168.0
98	63.5	47.8	71.8

Manual Integrations
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MMDadoda
9/26/2019 9:33:34 AM



#22

Diisopropyl ether

Concen: 19.827 ug/l

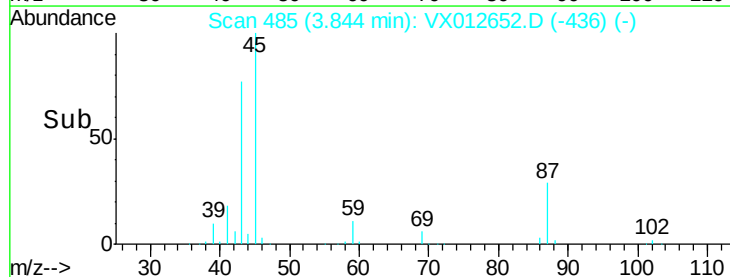
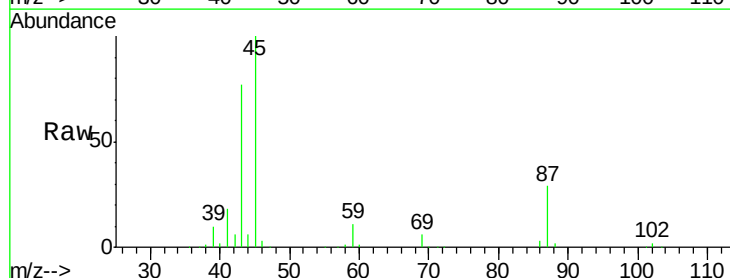
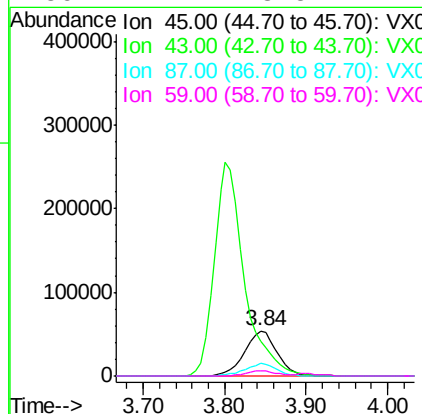
RT: 3.84 min Scan# 485

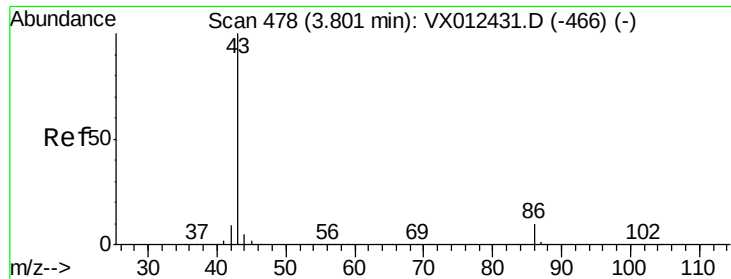
Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Tgt Ion:	45	Resp:	149248
Ion	Ratio	Lower	Upper
45	100		
43	75.9	57.8	86.8
87	29.5	21.3	31.9
59	11.1	8.5	12.7





#23

Vinyl Acetate

Concen: 99.810 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 43 Resp: 658884

Ion Ratio Lower Upper

43 100

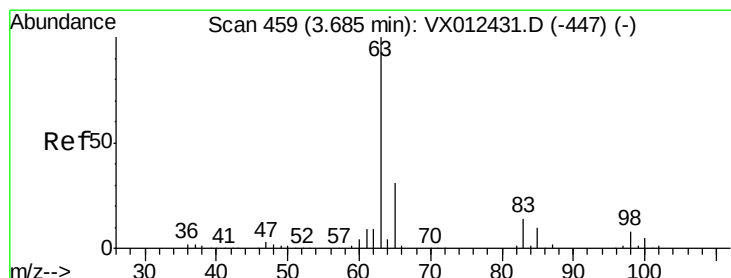
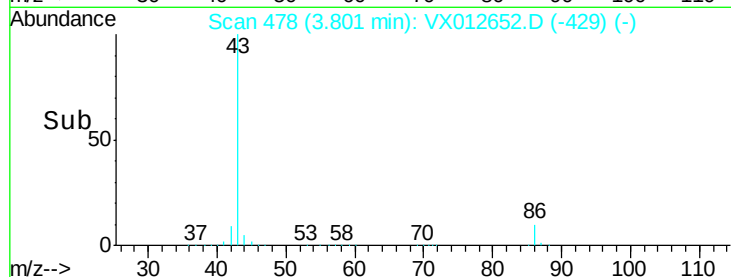
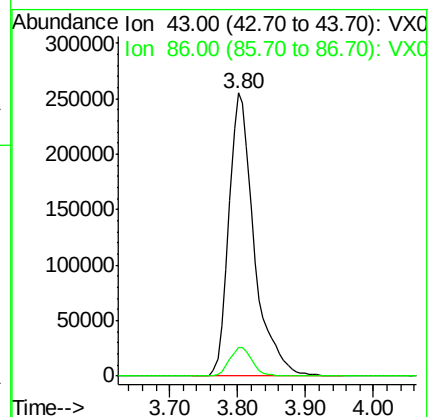
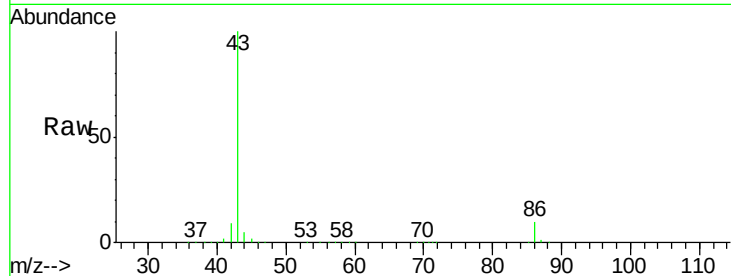
86 10.0 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.764 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

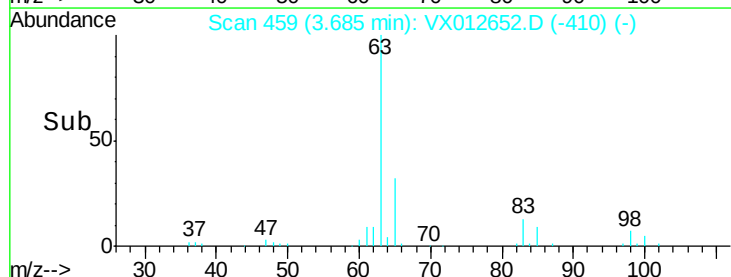
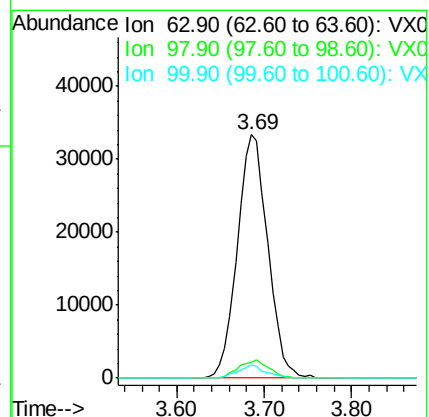
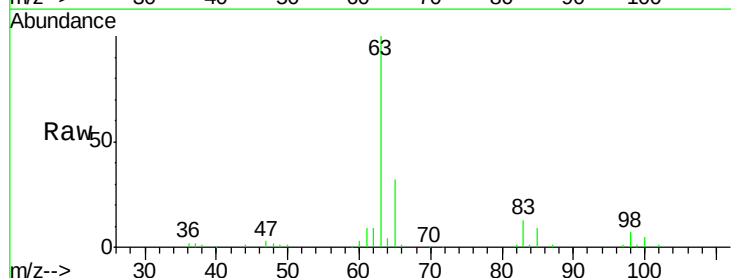
Tgt Ion: 63 Resp: 80869

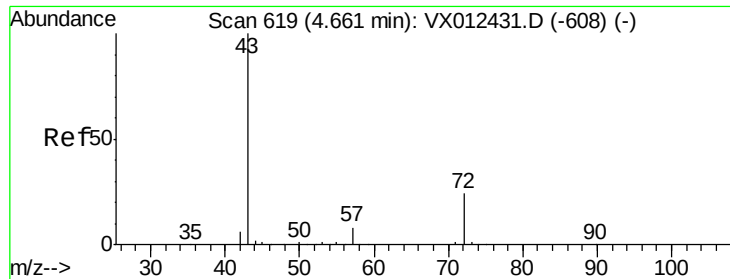
Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.7

100 5.3 2.3 6.9





#25

2-Butanone

Concen: 101.514 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 43 Resp: 205036

Ion Ratio Lower Upper

43 100

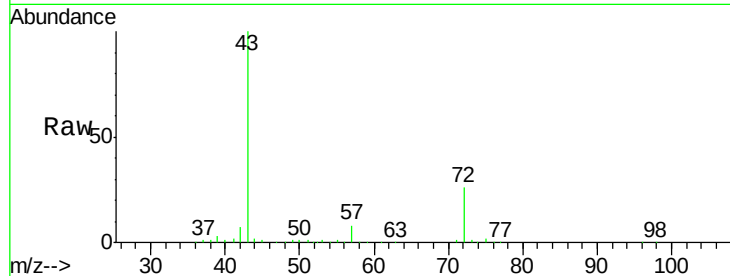
72 25.6 19.2 28.8

Manual Integrations

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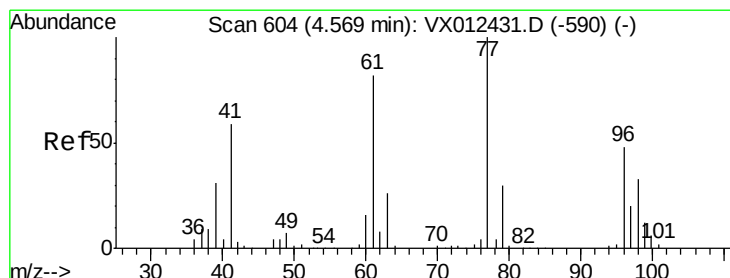
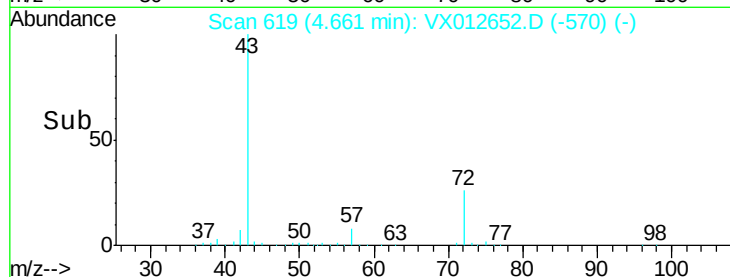
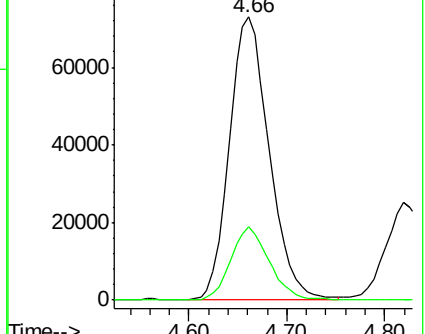
MMDadoda

9/26/2019 9:33:34 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.583 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012652.D

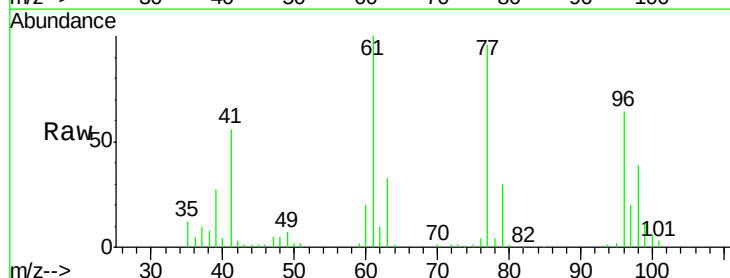
Acq: 25 Sep 2019 11:35

Tgt Ion: 77 Resp: 71266

Ion Ratio Lower Upper

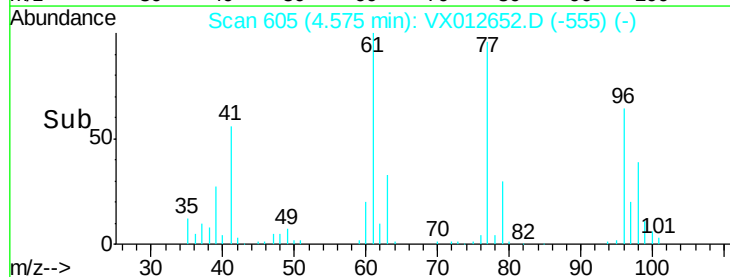
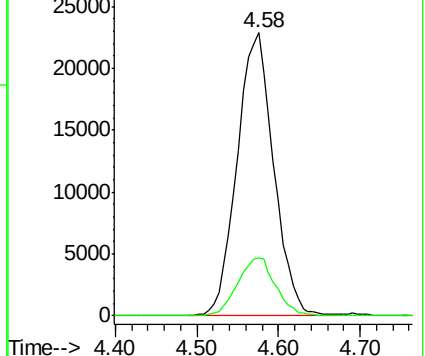
77 100

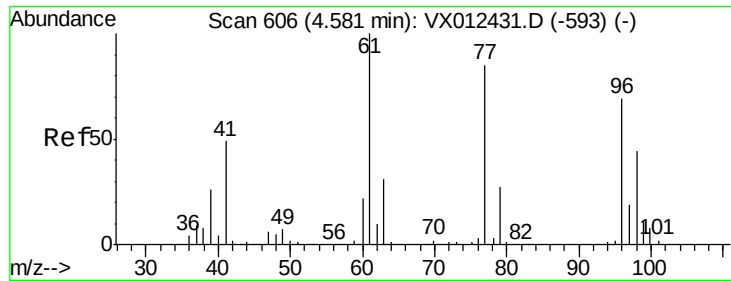
97 21.2 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

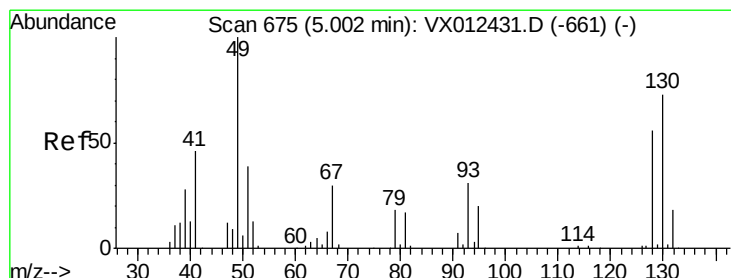
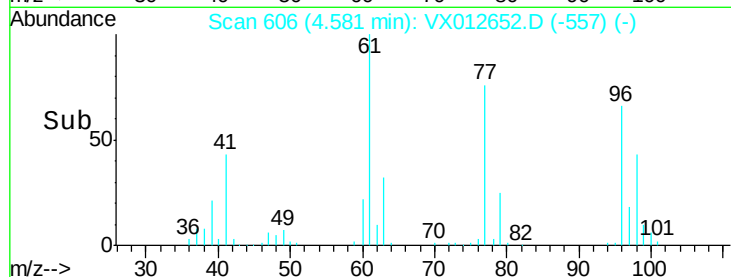
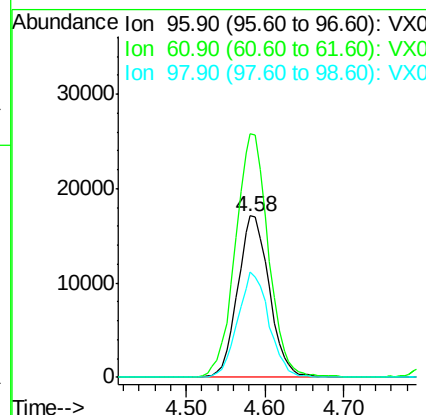
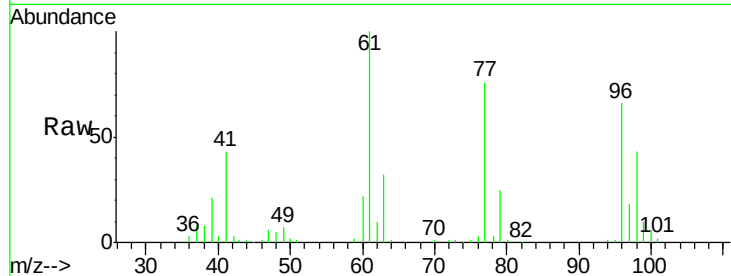
cis-1,2-Dichloroethene
Concen: 18.959 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	156.4	0.0	319.4
98	64.2	0.0	130.6

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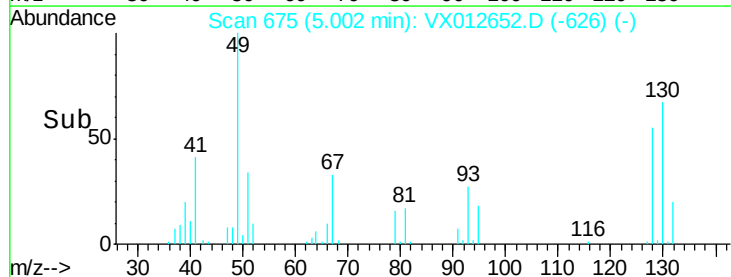
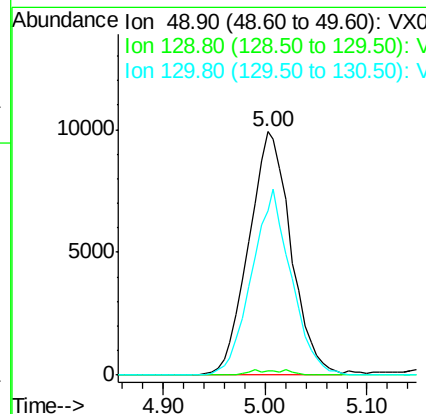
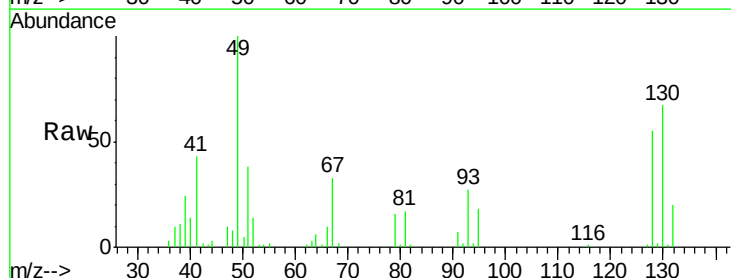
MMDadoda
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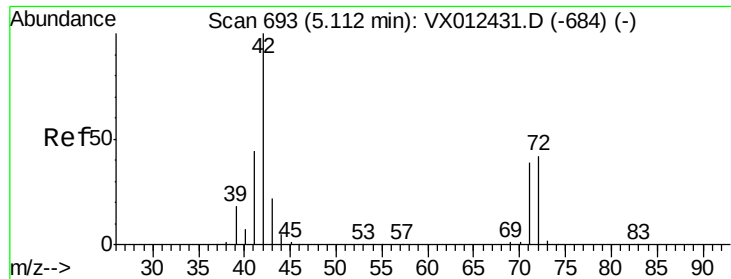


#28

Bromochloromethane
Concen: 19.242 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.8
130	71.3	58.2	87.4





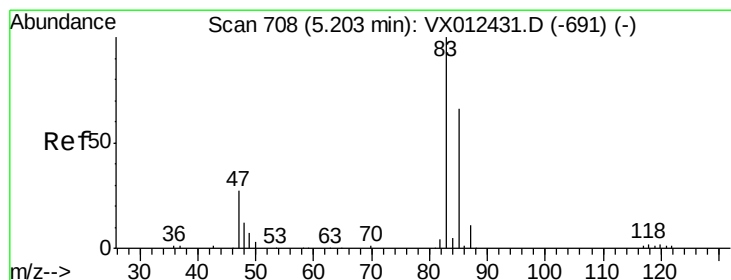
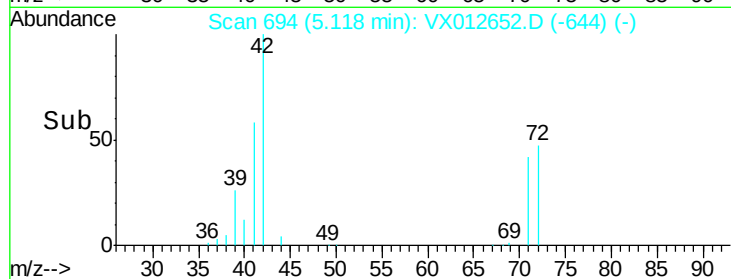
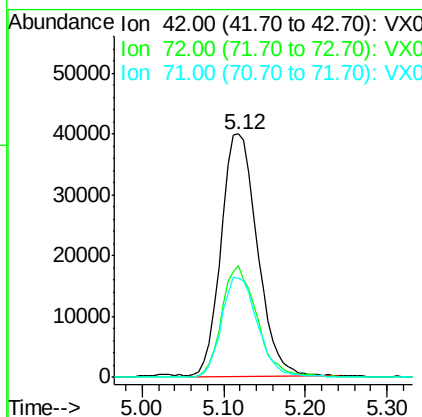
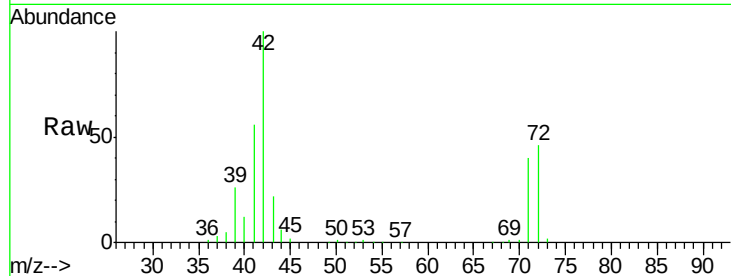
#29
Tetrahydrofuran
Concen: 100.323 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.0	51.0
71	40.8	31.5	47.3

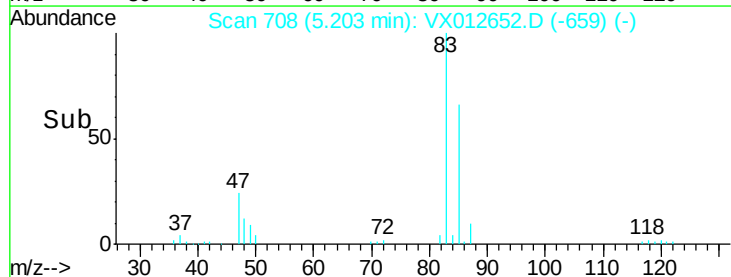
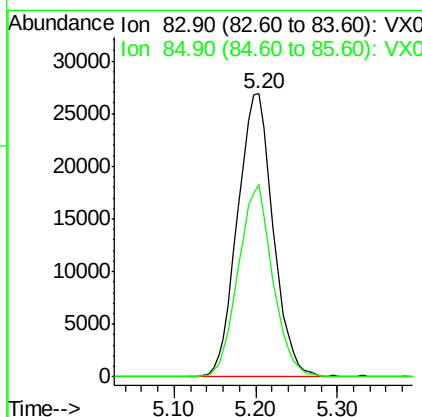
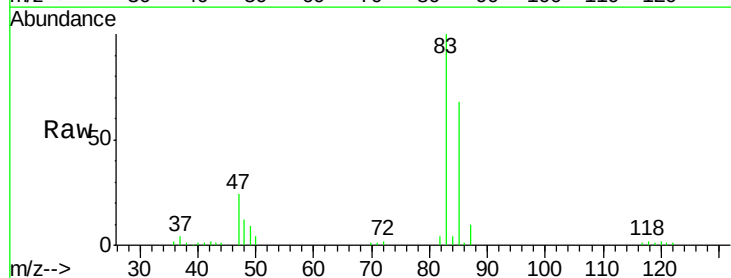
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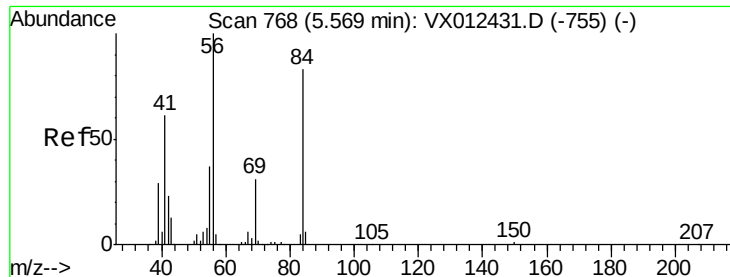
MMDadoda
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#30
Chloroform
Concen: 19.487 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	53.0	79.4





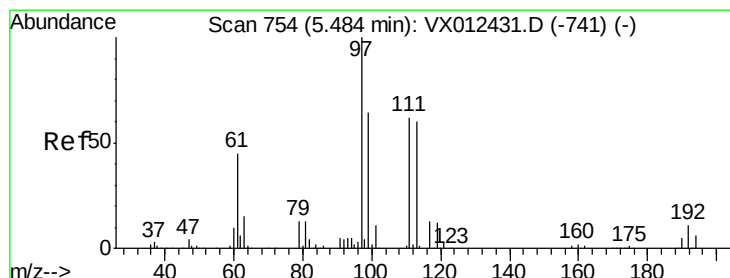
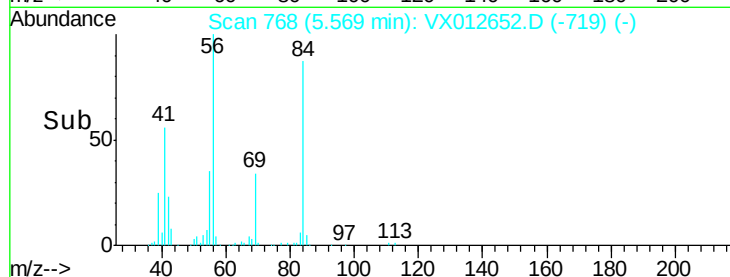
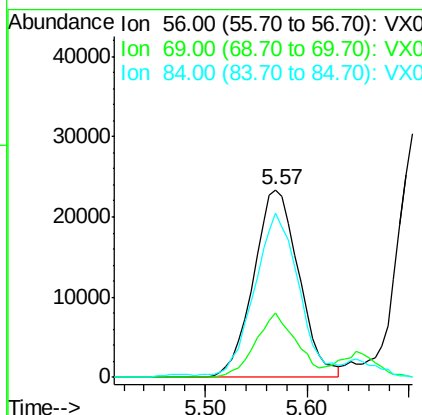
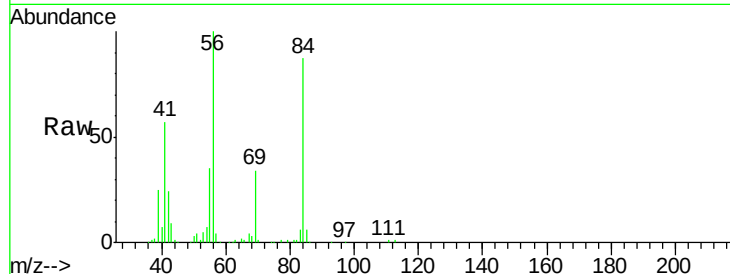
#31
Cyclohexane
Concen: 19.450 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	34.1	25.0	37.6	
84	85.4	66.4	99.6	

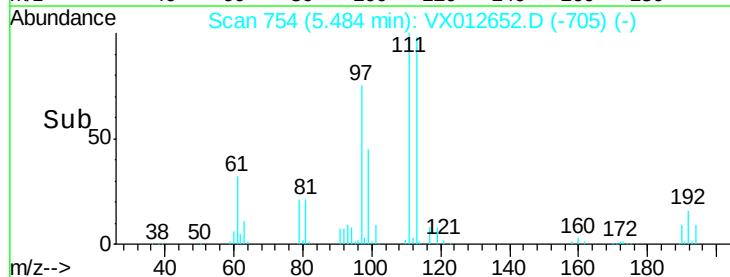
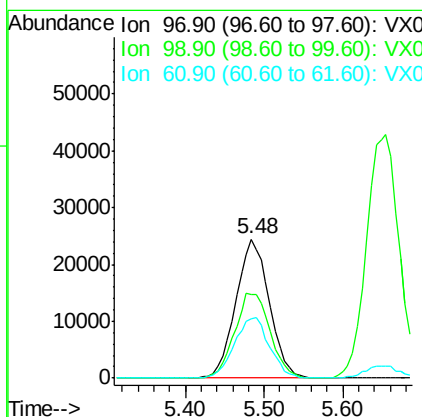
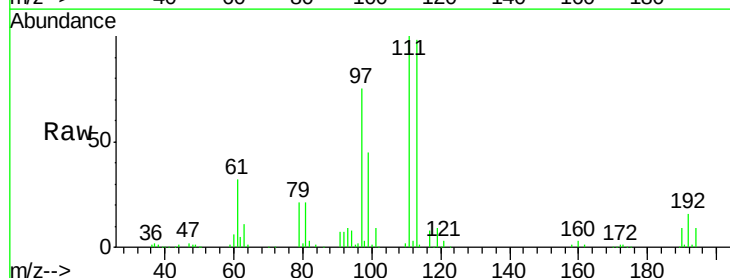
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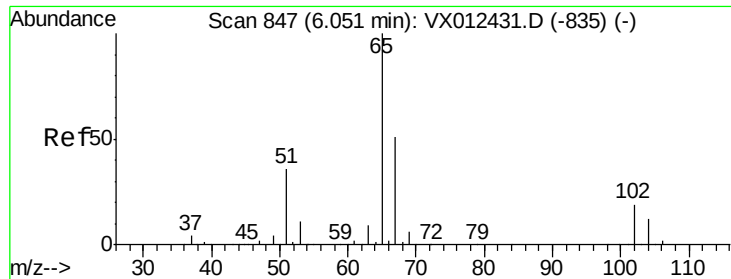
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#32
1,1,1-Trichloroethane
Concen: 19.430 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.9	51.3	76.9	
61	45.9	36.1	54.1	





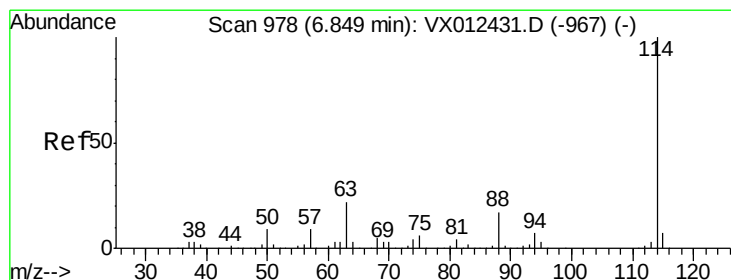
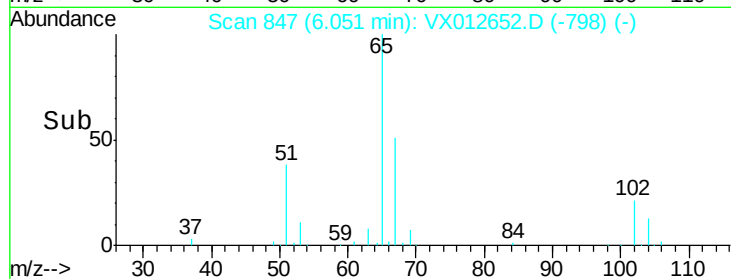
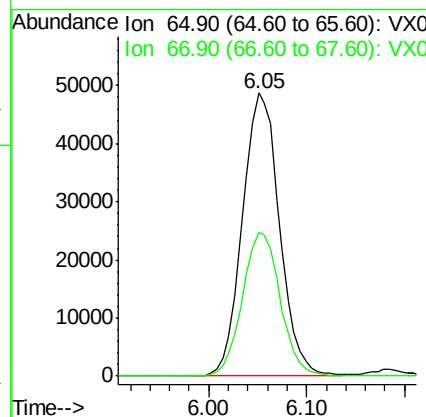
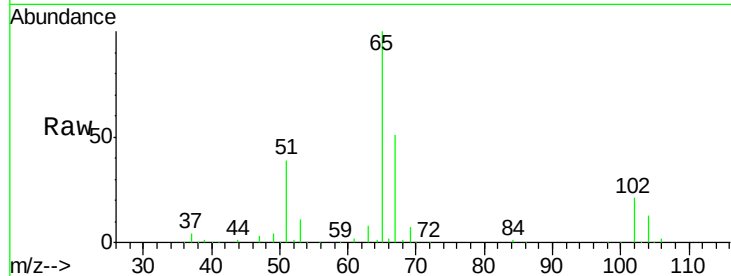
#33
 1,2-Dichloroethane-d4
 Concen: 48.246 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	128307		
67	51.9	0.0	101.2	

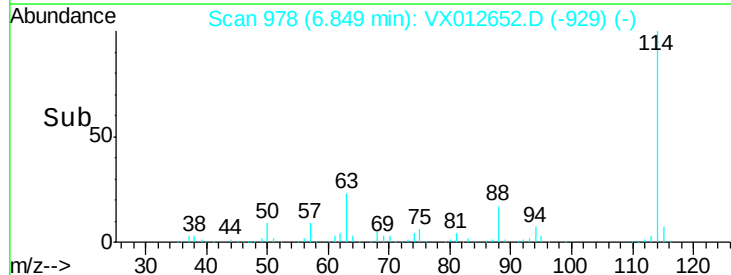
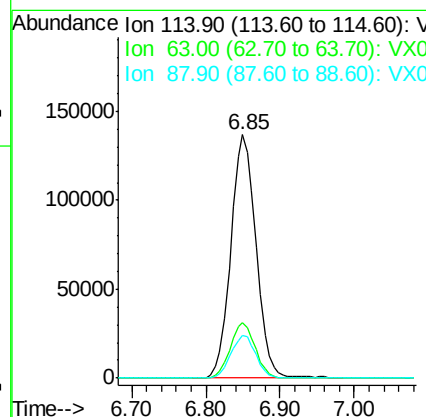
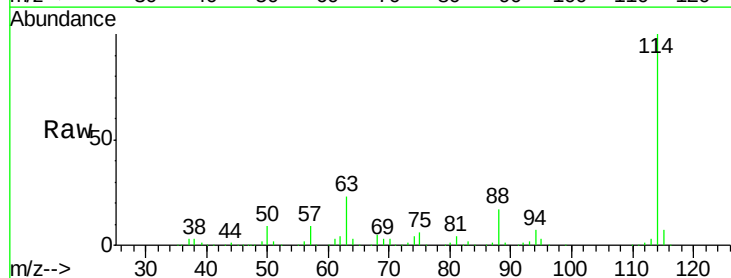
Manual Integrations
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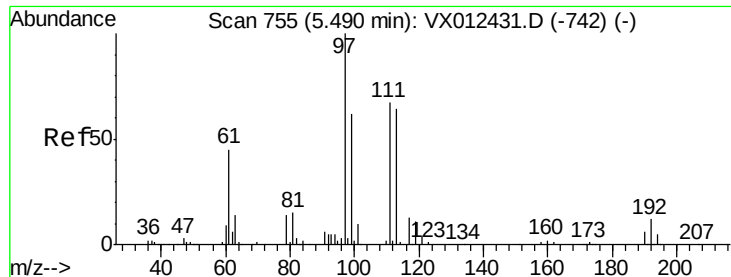
MMDadoda
 9/26/2019 9:33:34 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	323846		
63	22.6	0.0	43.2	
88	17.5	0.0	33.2	





#35

Dibromofluoromethane

Concen: 48.350 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

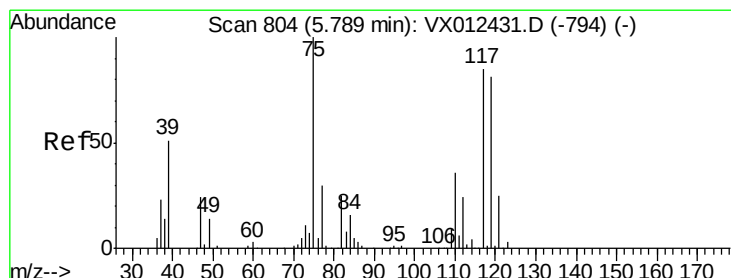
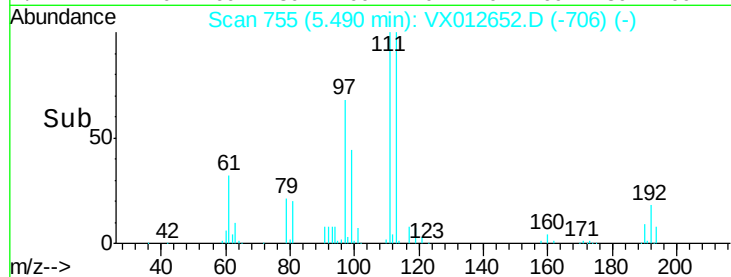
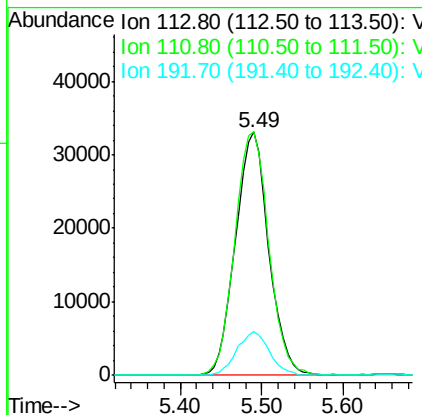
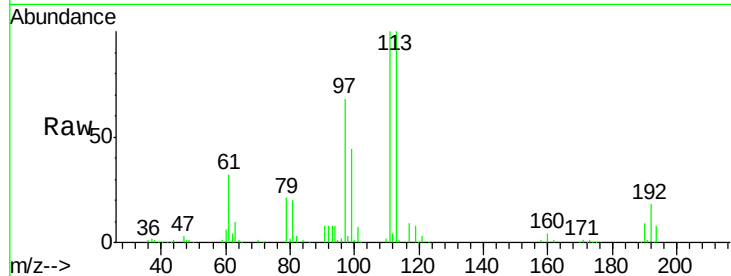
ClientSampleId :

VX0925WBS01

Tot Ion:	113	Resp:	93249
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.2
192	17.7	14.4	21.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.045 ug/l

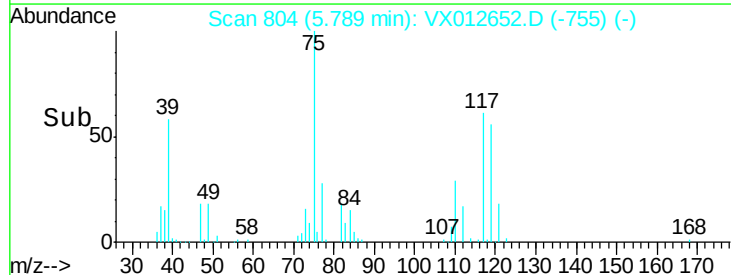
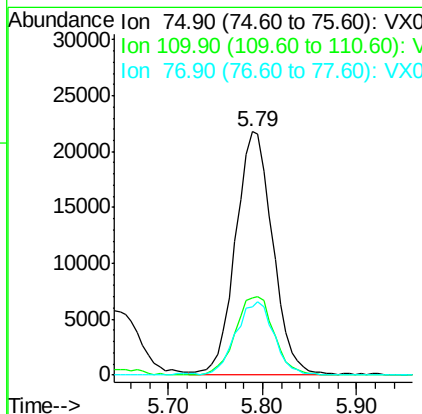
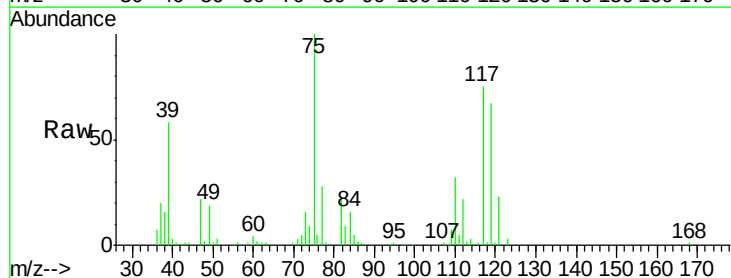
RT: 5.79 min Scan# 804

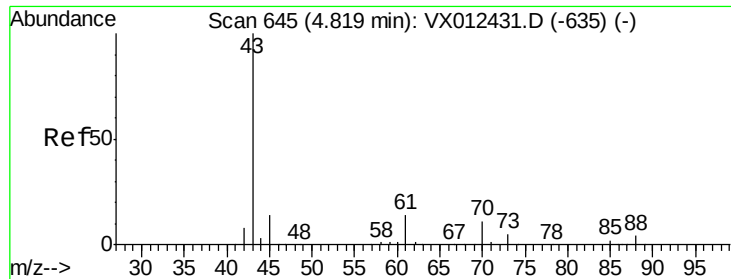
Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Tgt Ion:	75	Resp:	59448
Ion	Ratio	Lower	Upper
75	100		
110	33.5	16.7	50.0
77	30.9	24.2	36.2





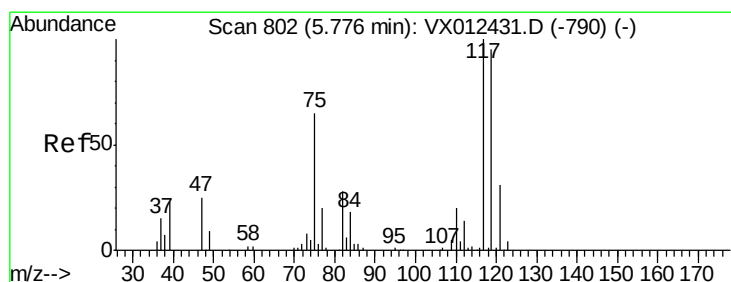
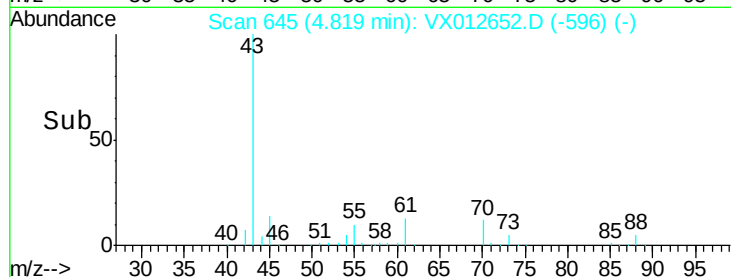
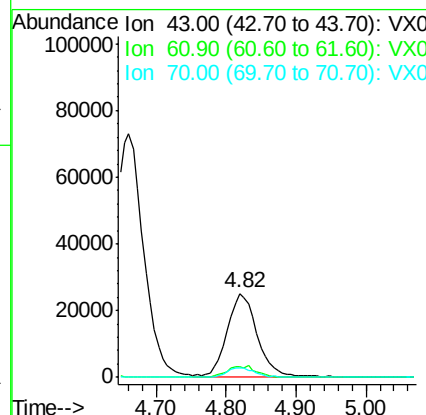
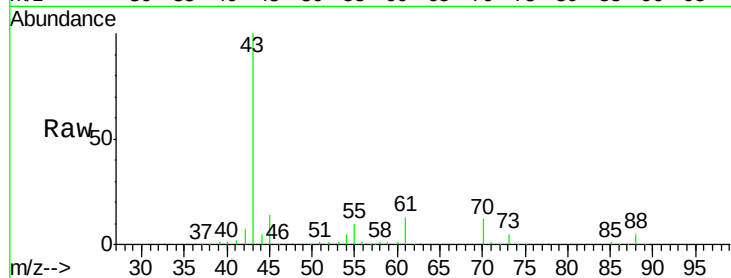
#37
Ethyl Acetate
Concen: 20.312 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	10.2	15.4
70	11.3	8.7	13.1

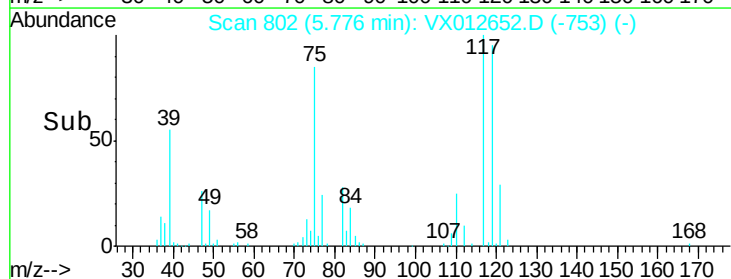
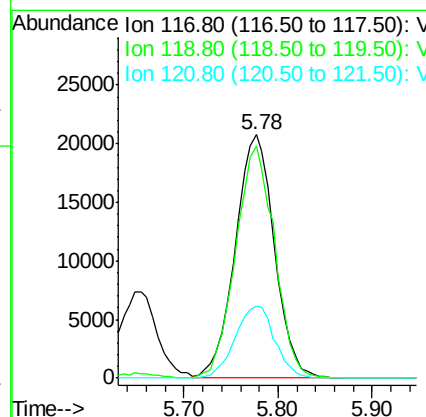
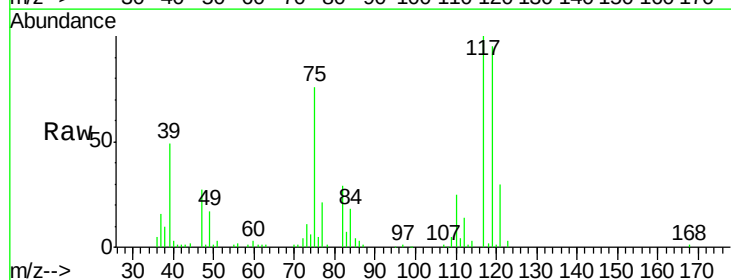
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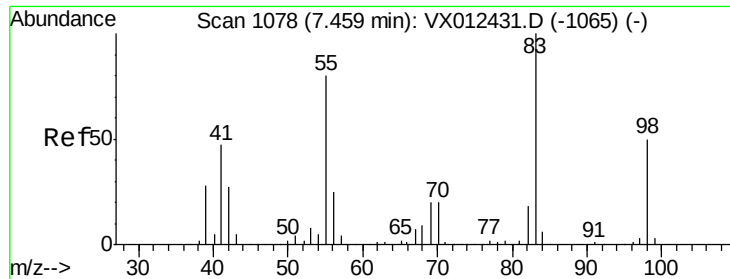
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#38
Carbon Tetrachloride
Concen: 18.951 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.7	113.5
121	29.7	24.2	36.4





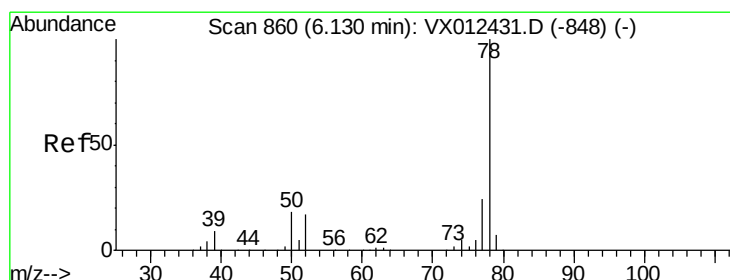
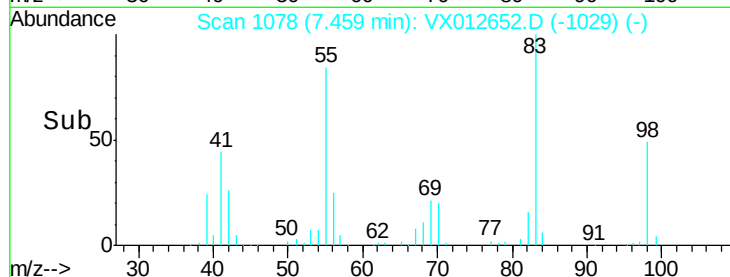
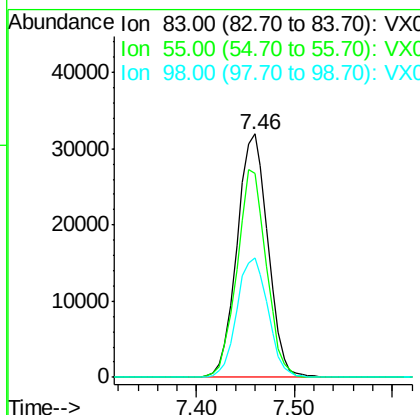
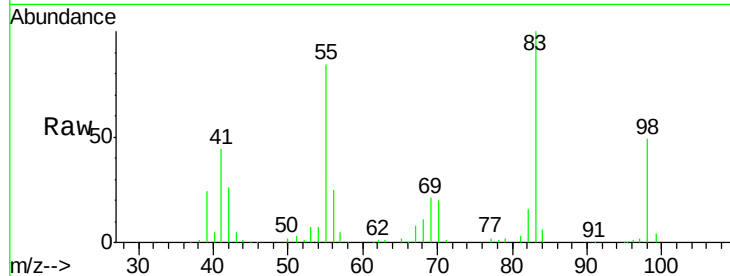
#39
Methylvlcyclohexane
Concen: 18.654 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	83	Resp	70099
Ion	Ratio	Lower	Upper
83	100		
55	83.8	64.4	96.6
98	49.1	40.1	60.1

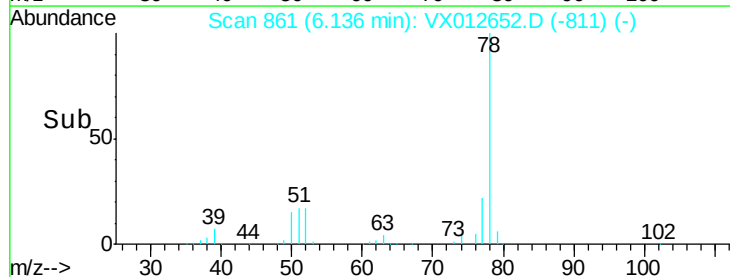
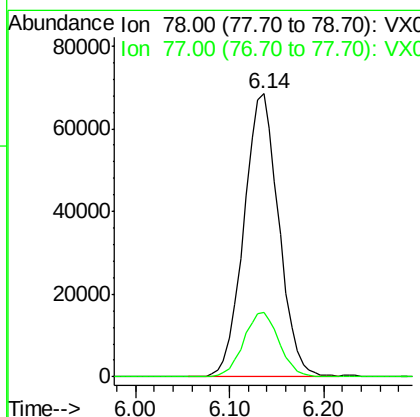
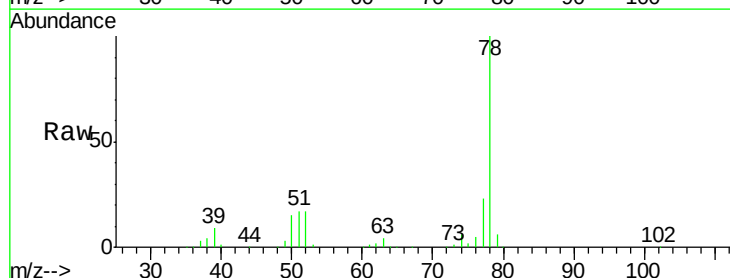
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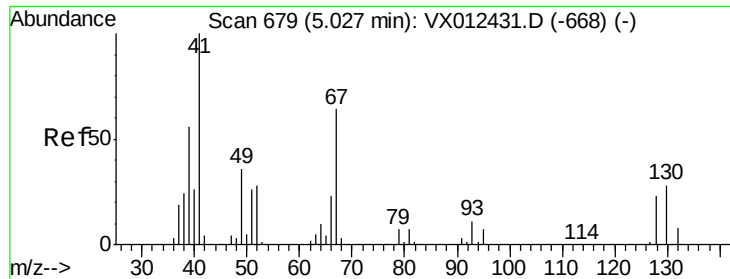
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#40
Benzene
Concen: 19.374 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	78	Resp	177938
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.2	28.8





#41

Methacrylonitrile

Concen: 20.121 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 41 Resp: 41199

Ion Ratio Lower Upper

41 100

39 53.3 46.0 69.0

67 67.5 52.2 78.2

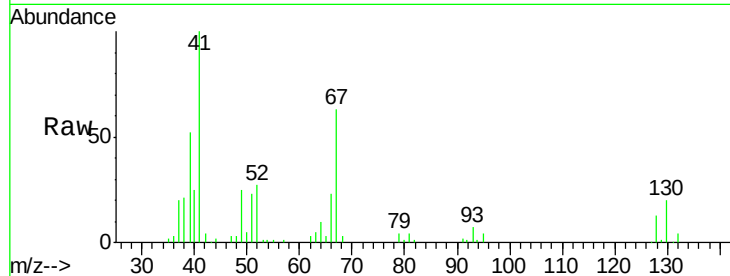
52 29.5 22.7 34.1

Manual Integrations

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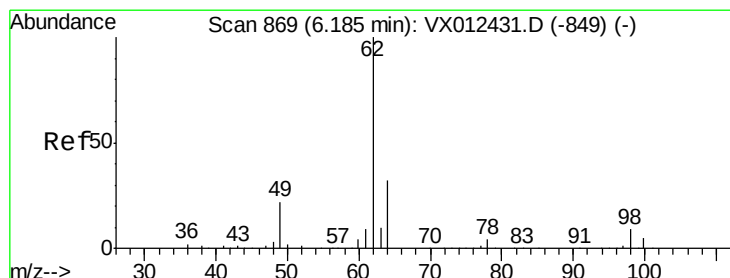
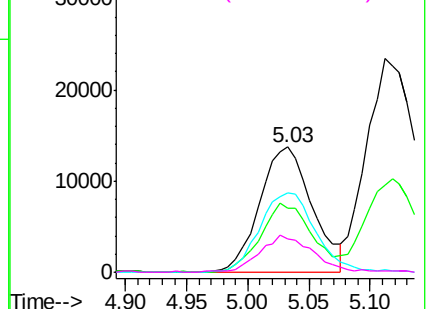
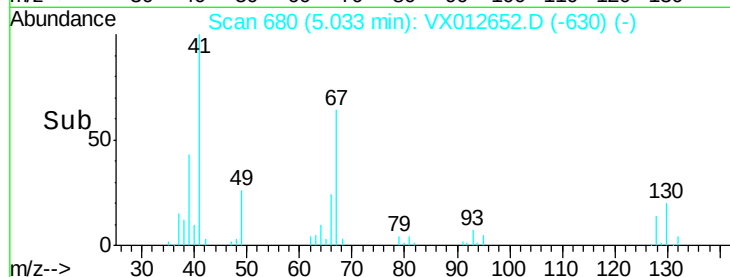


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.946 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012652.D

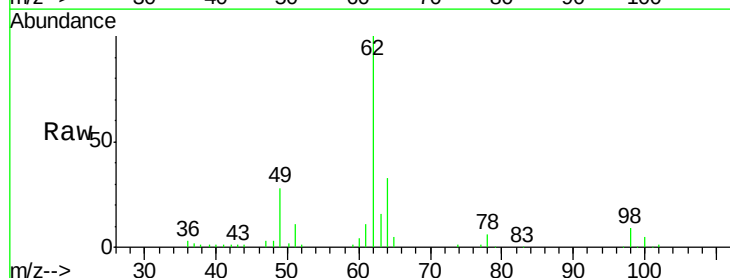
Acq: 25 Sep 2019 11:35

Tgt Ion: 62 Resp: 69567

Ion Ratio Lower Upper

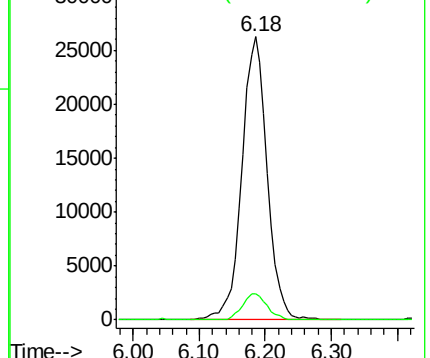
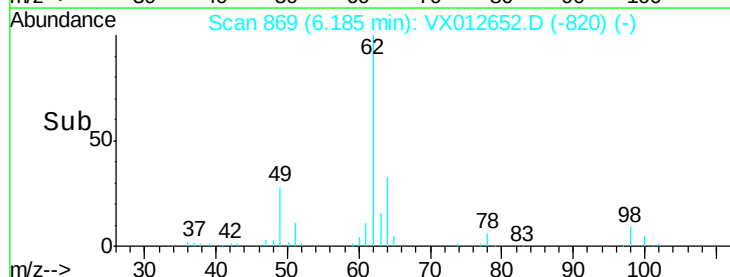
62 100

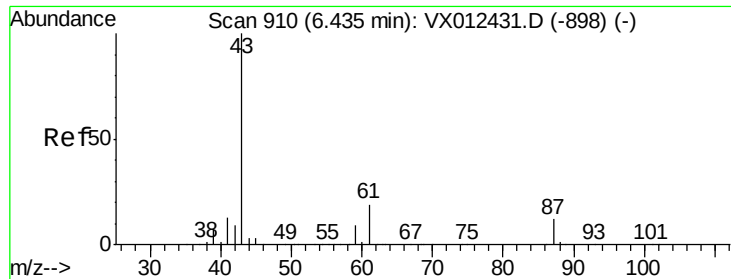
98 9.1 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





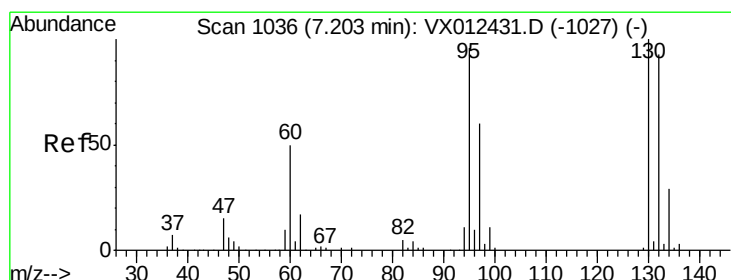
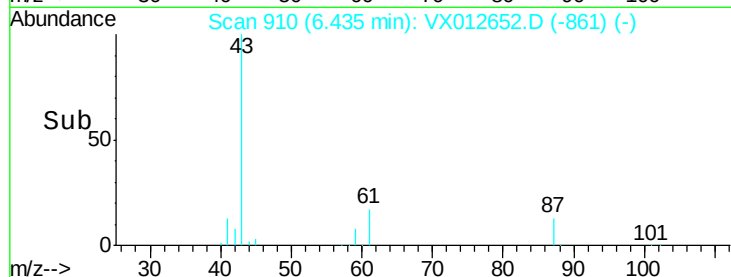
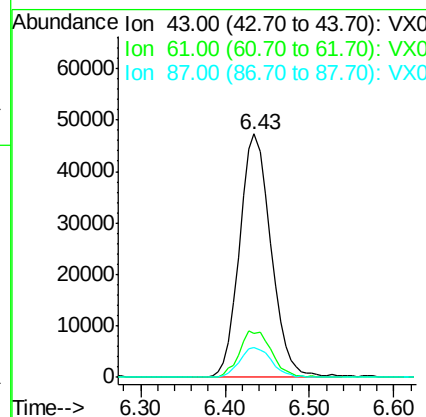
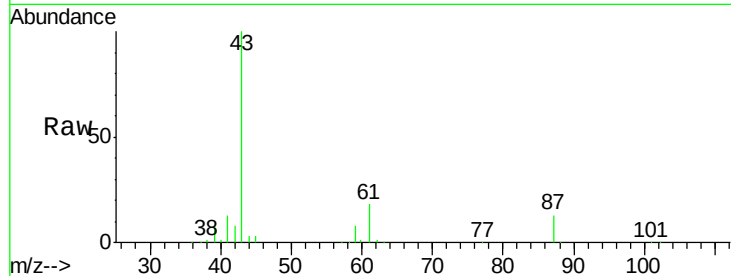
#43
Isopropyl Acetate
Concen: 19.560 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	12.6	9.8	14.8

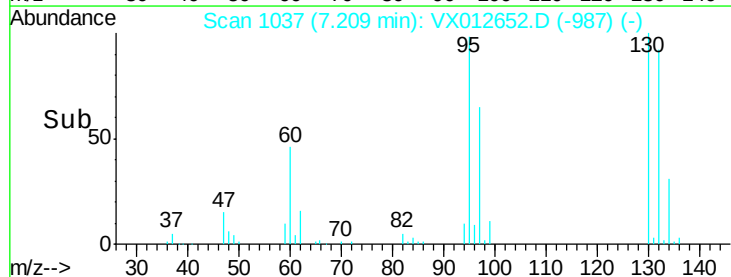
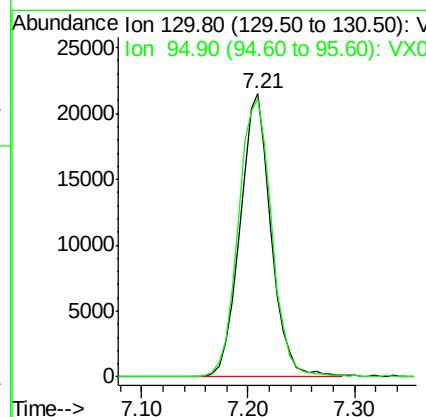
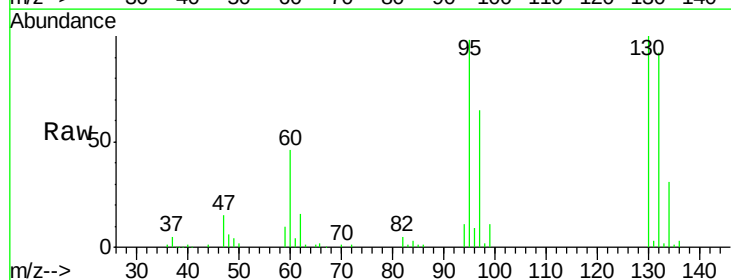
Manual Integrations
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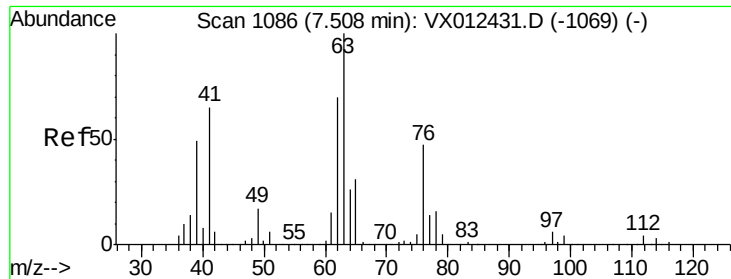
MMDadoda
9/26/2019 9:33:34 AM



#44
Trichloroethene
Concen: 18.692 ug/l
RT: 7.21 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	193.0





#45

1,2-Dichloropropane

Concen: 19.545 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VX0925WBS01

Tot Ion: 63 Resp: 45959

Ion Ratio Lower Upper

63 100

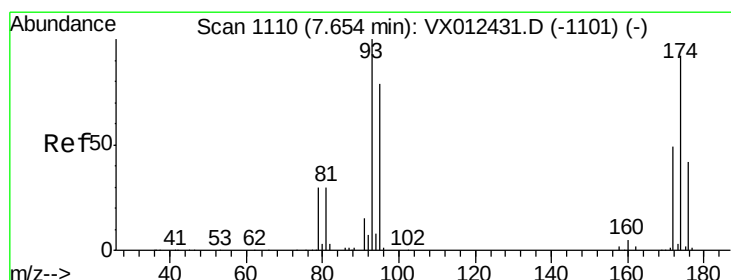
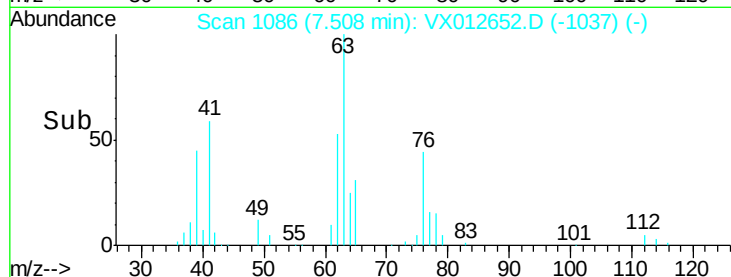
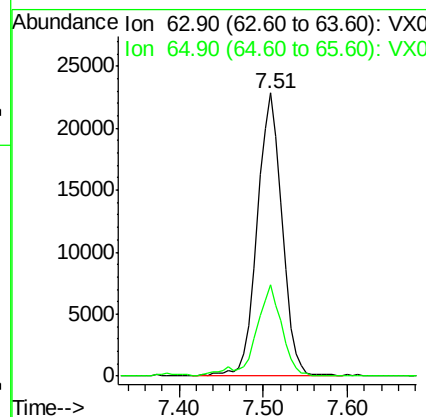
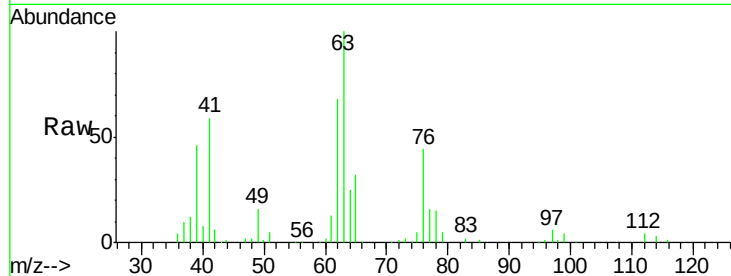
65 32.4 25.0 37.6

Manual Integrations

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9/26/2019 9:33:34 AM



#46

Dibromomethane

Concen: 19.354 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

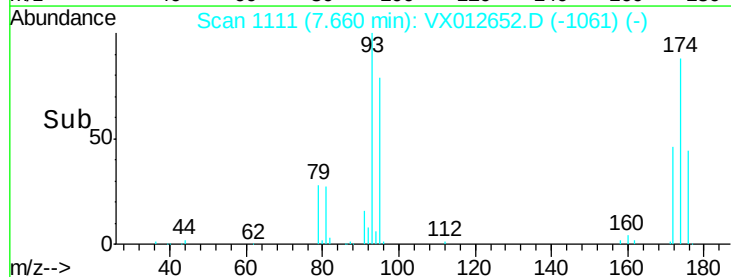
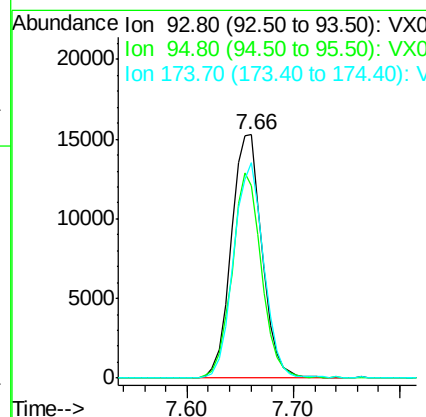
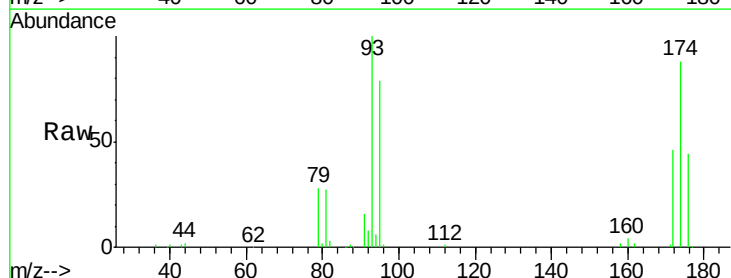
Tgt Ion: 93 Resp: 30985

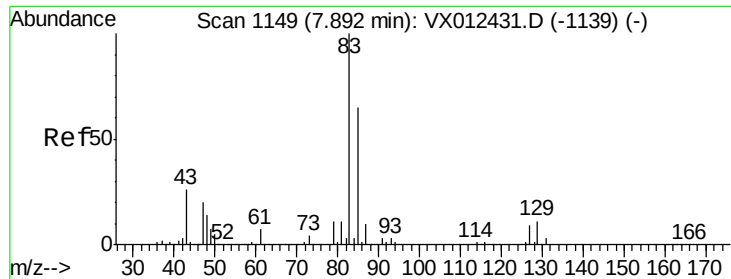
Ion Ratio Lower Upper

93 100

95 80.8 66.6 100.0

174 86.7 77.4 116.0





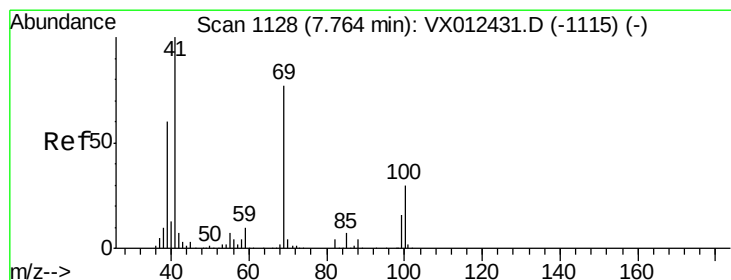
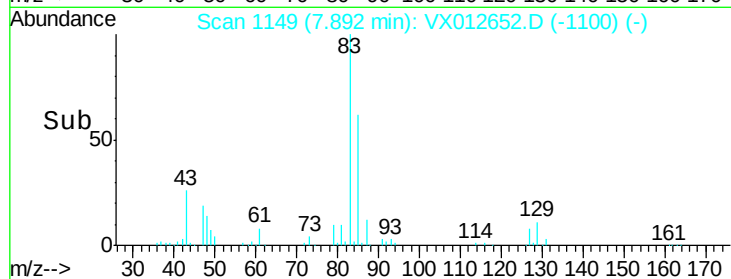
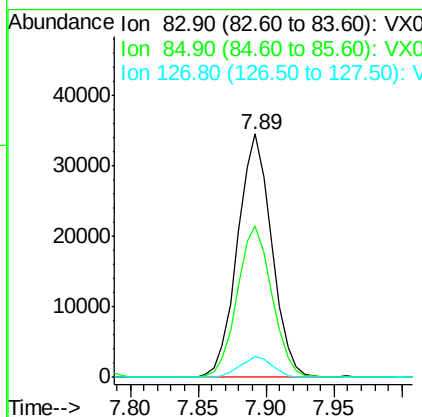
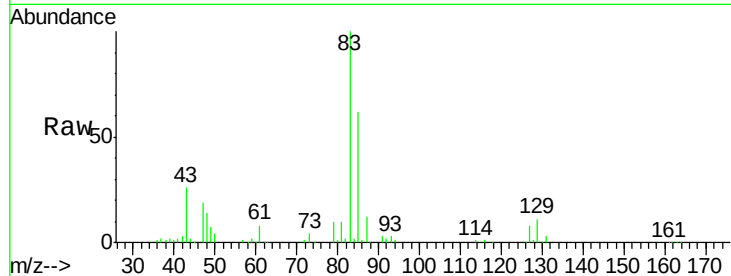
#47
Bromodichloromethane
Concen: 18.942 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	83	Resp	60610
Ion Ratio	100	Lower	Upper
83	100		
85	62.5	51.8	77.6
127	8.4	7.3	10.9

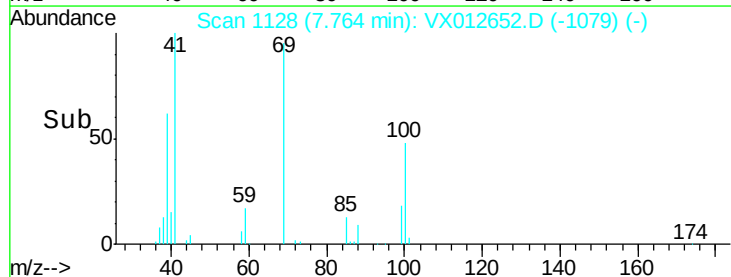
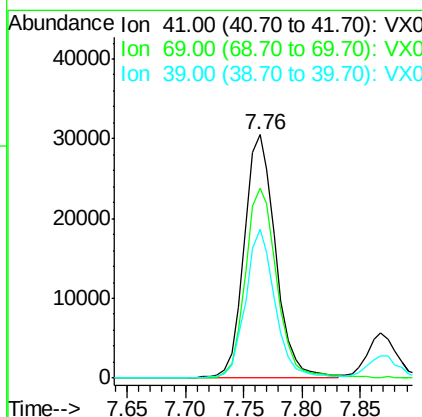
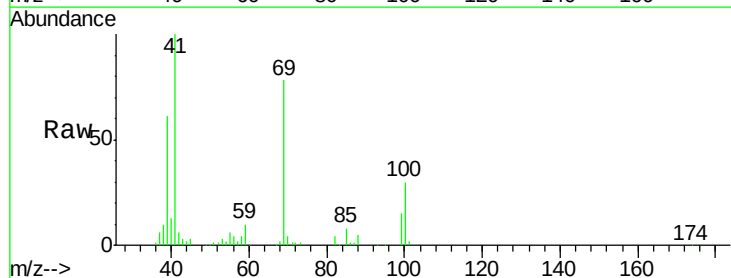
Manual Integrations
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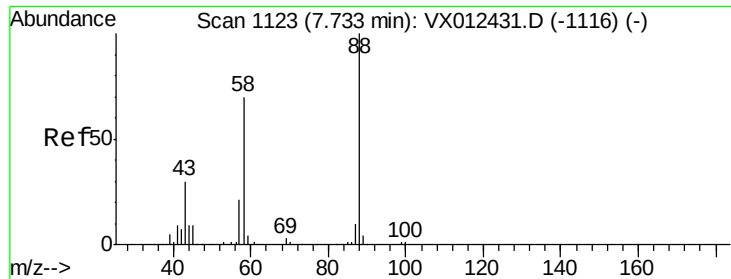
MMDadoda
9/26/2019 9:33:34 AM



#48
Methyl methacrylate
Concen: 19.643 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	41	Resp	57482
Ion Ratio	100	Lower	Upper
41	100		
69	78.2	59.9	89.9
39	57.6	47.8	71.6





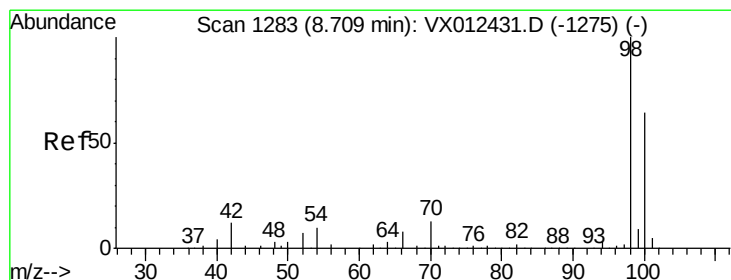
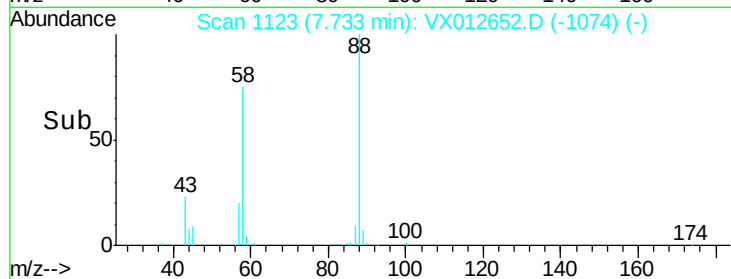
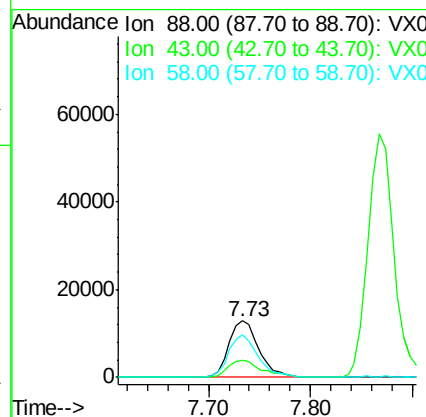
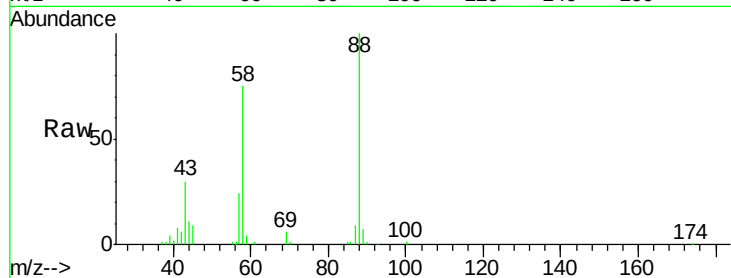
#49
1,4-Dioxane
Concen: 398.740 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.3	29.4	44.0
58	74.0	57.5	86.3

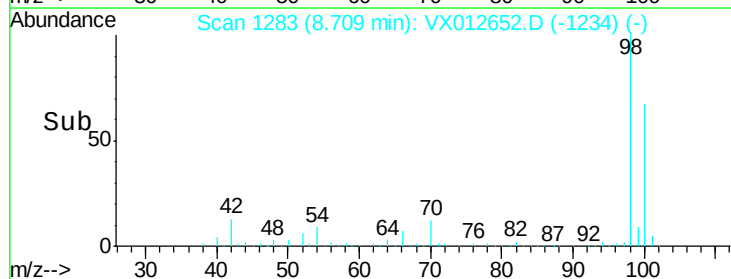
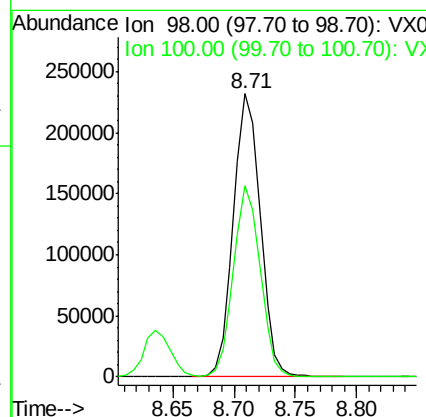
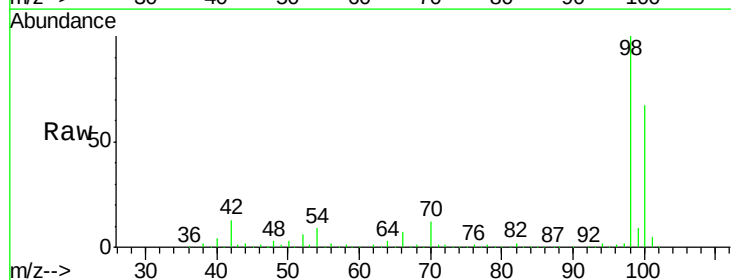
Manual Integrations
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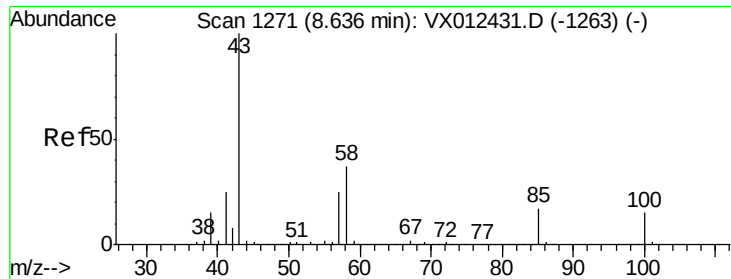
MMDadoda
9/26/2019 9:33:34 AM



#50
Toluene-d8
Concen: 47.815 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 99.048 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 43 Resp: 373135

Ion Ratio Lower Upper

43 100

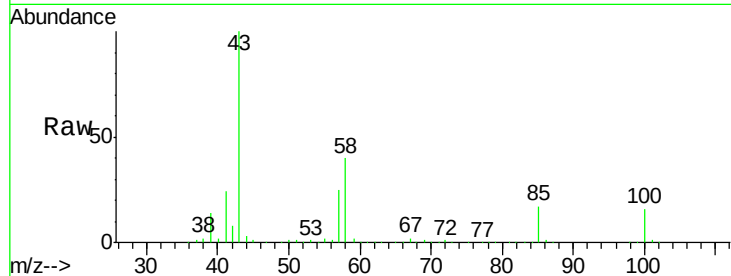
58 39.1 29.8 44.6

Manual Integrations

APPROVED

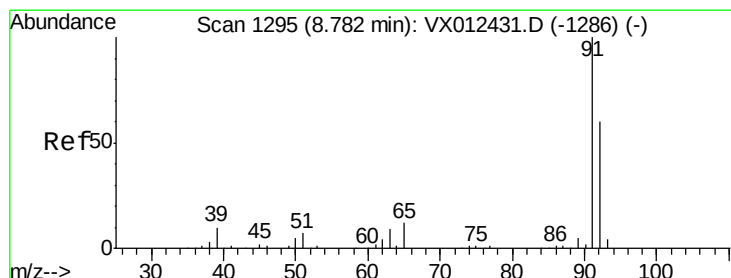
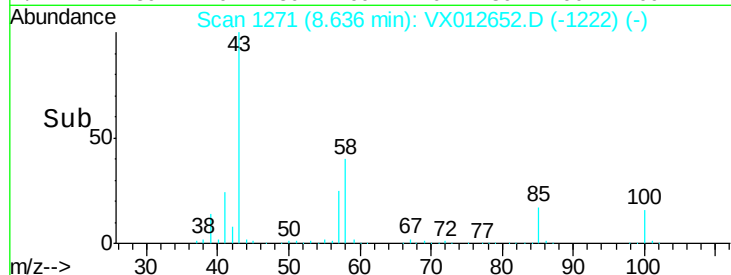
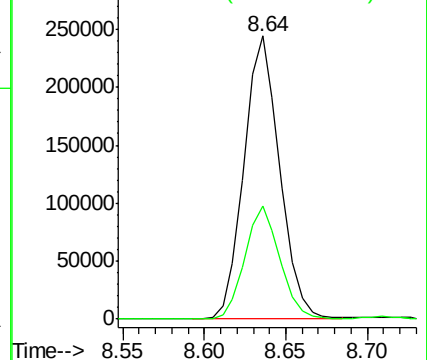
MMDadoda

9/26/2019 9:33:34 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.041 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012652.D

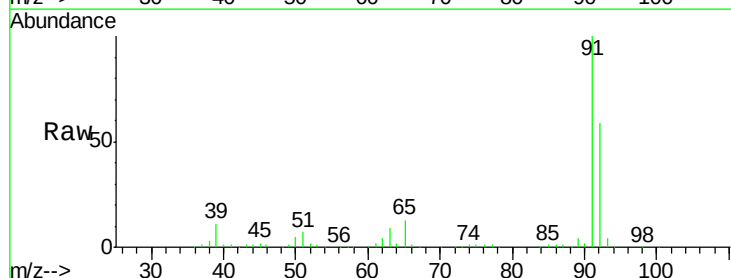
Acq: 25 Sep 2019 11:35

Tgt Ion: 92 Resp: 109912

Ion Ratio Lower Upper

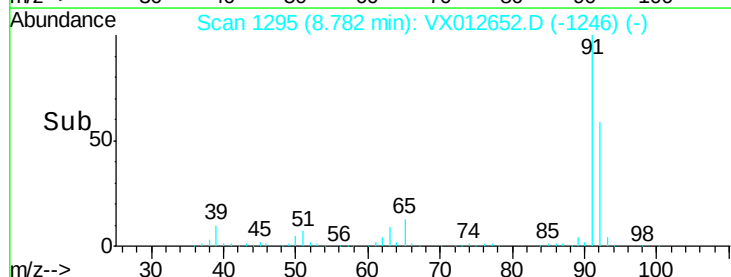
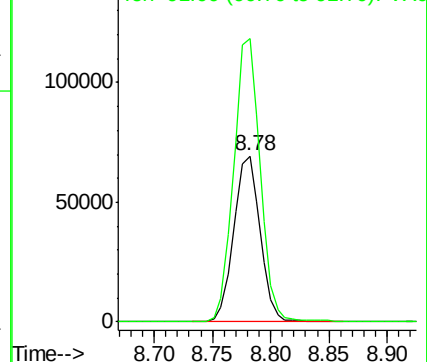
92 100

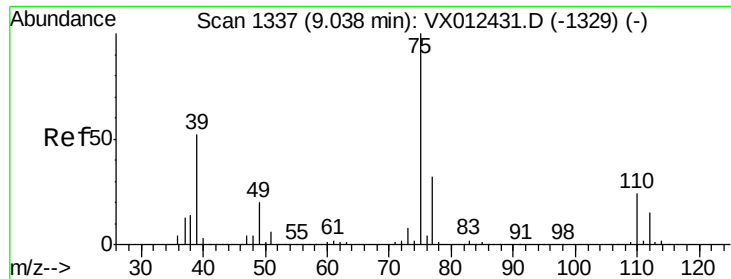
91 171.6 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





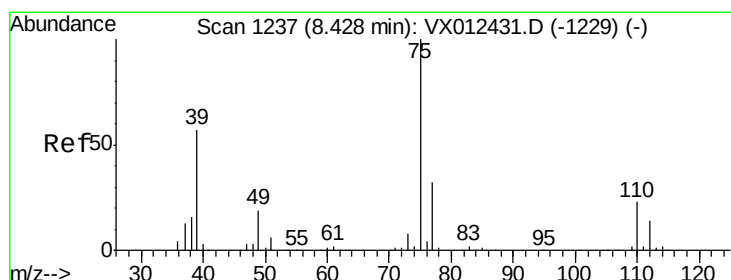
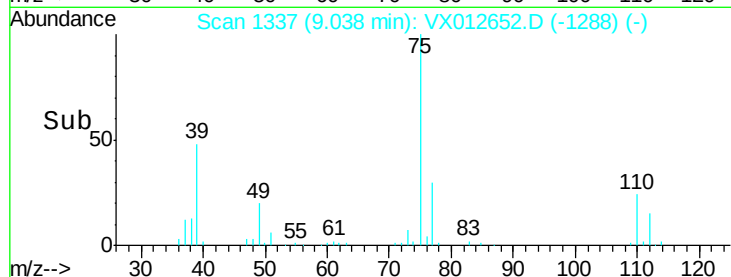
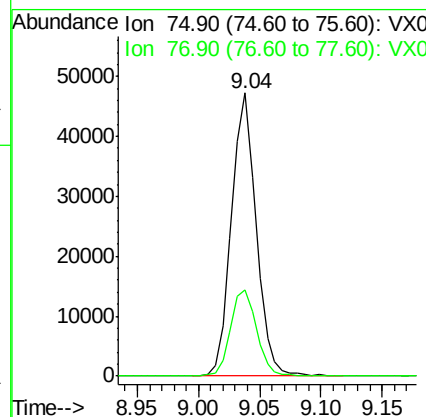
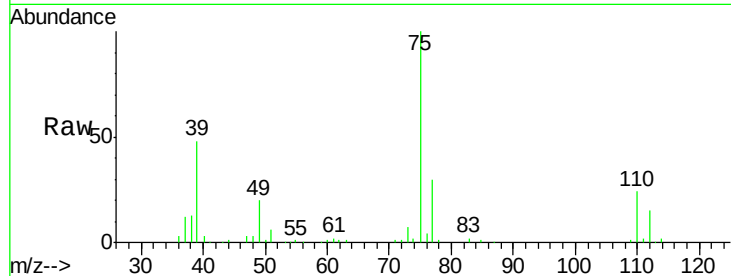
#53
t-1,3-Dichloropropene
Concen: 18.695 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion: 75 Resp: 66186
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8

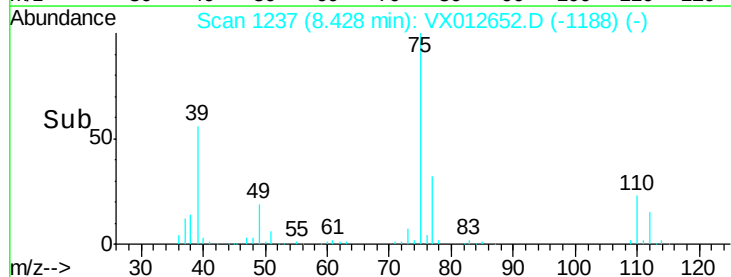
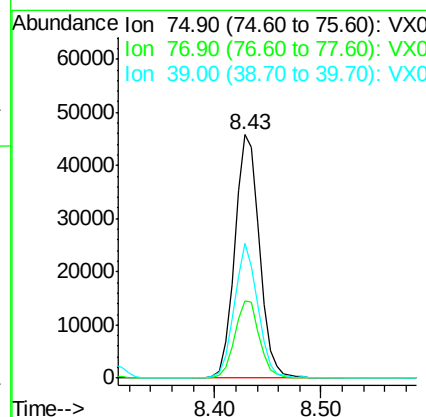
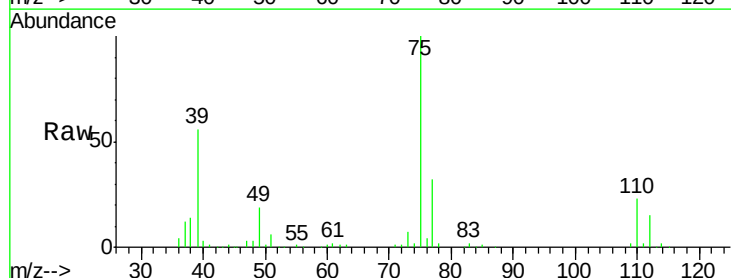
Manual Integrations
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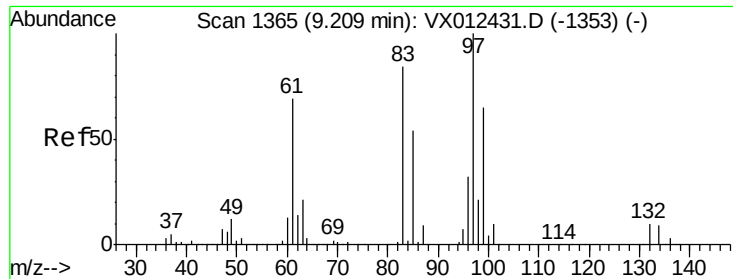
MMDadoda
9/26/2019 9:33:34 AM



#54
cis-1,3-Dichloropropene
Concen: 19.252 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion: 75 Resp: 74418
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8
39 55.6 45.5 68.3





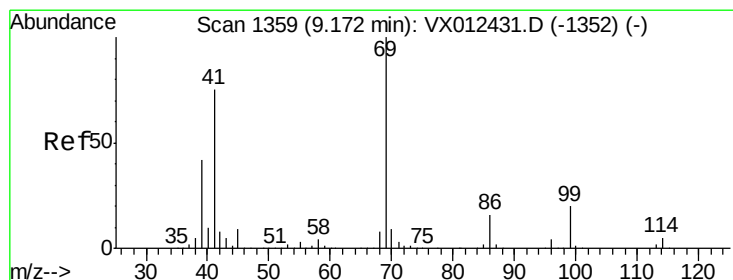
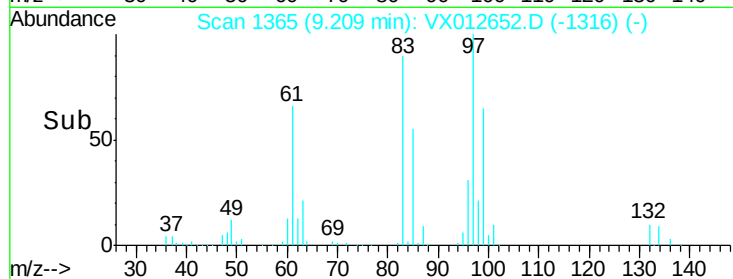
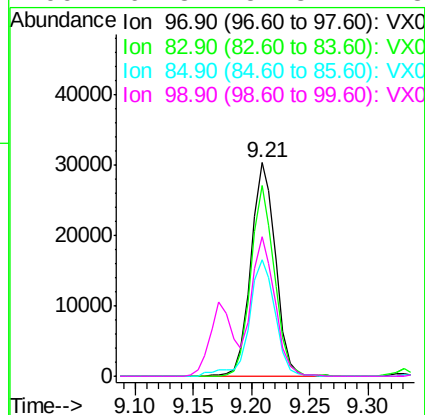
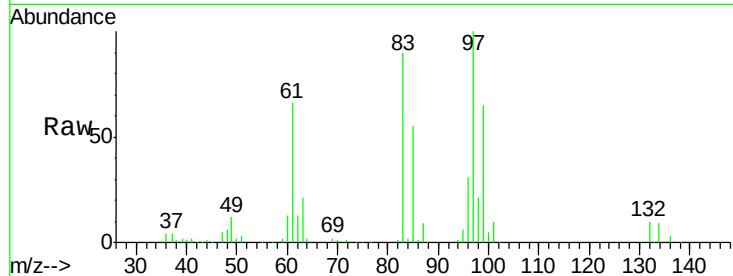
#55
 1,1,2-Trichloroethane
 Concen: 19.530 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion:	97	Resp:	44821
Ion	Ratio	Lower	Upper
97	100		
83	89.6	67.4	101.2
85	54.8	43.5	65.3
99	64.8	51.8	77.8

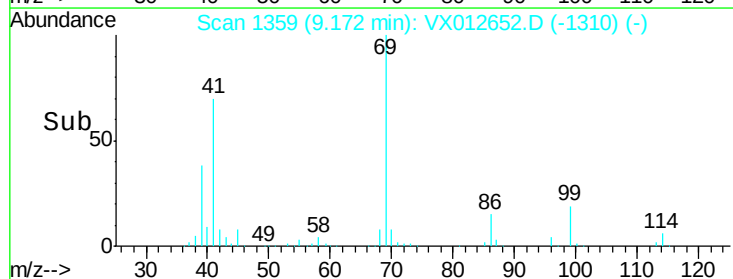
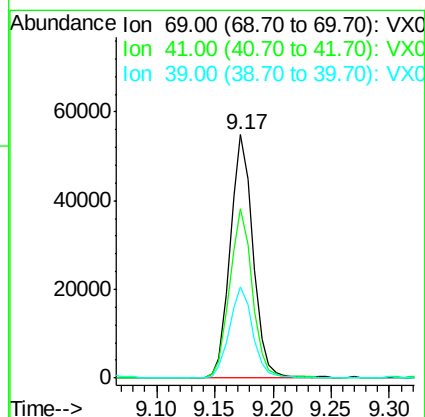
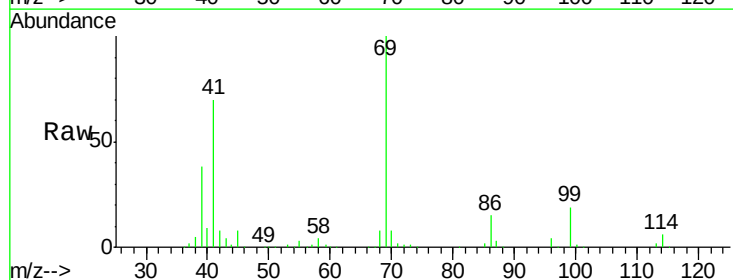
Manual Integrations
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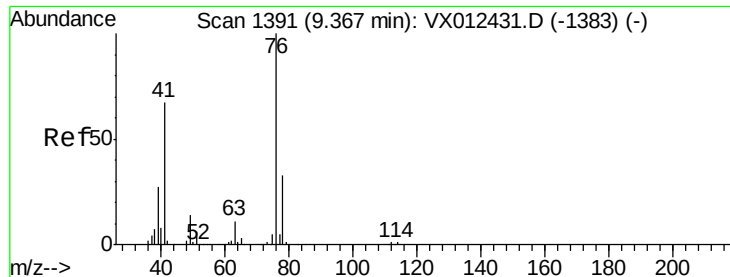
MMDadoda
 9/26/2019 9:33:34 AM



#56
 Ethyl methacrylate
 Concen: 19.475 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion:	69	Resp:	75086
Ion	Ratio	Lower	Upper
69	100		
41	69.1	58.4	87.6
39	38.1	33.4	50.0





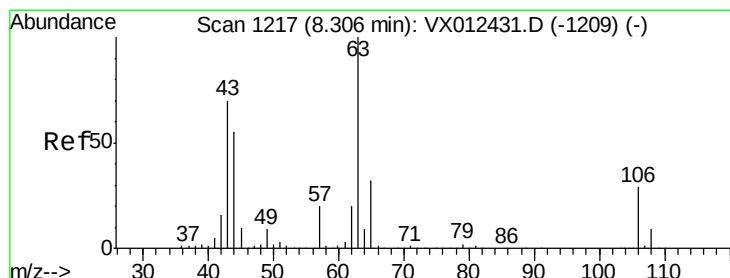
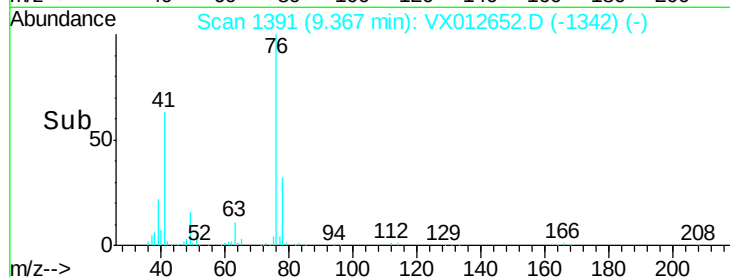
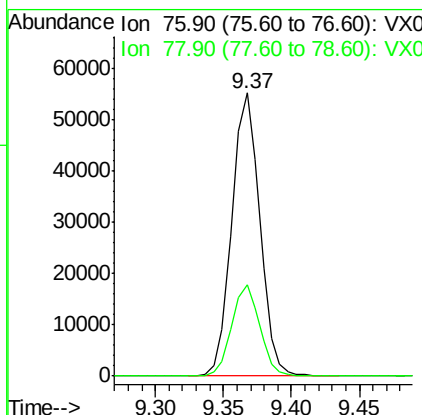
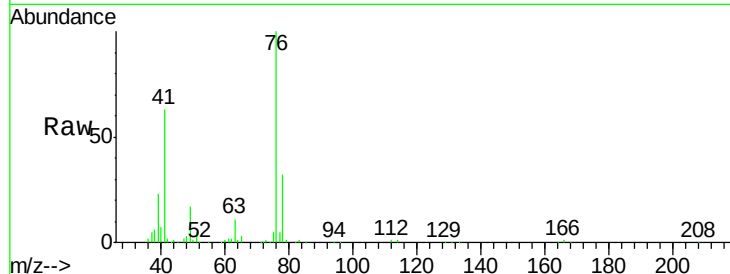
#57
 1,3-Dichloropropane
 Concen: 19.755 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.2

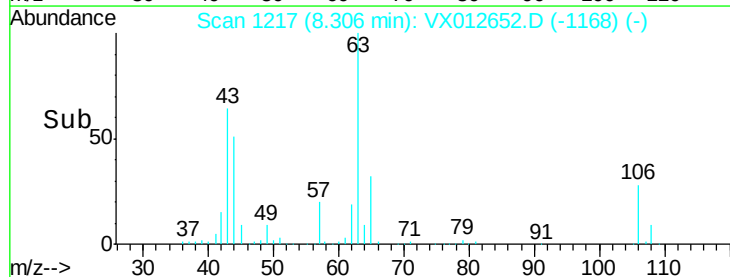
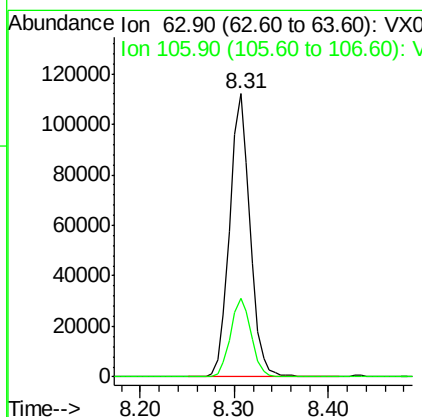
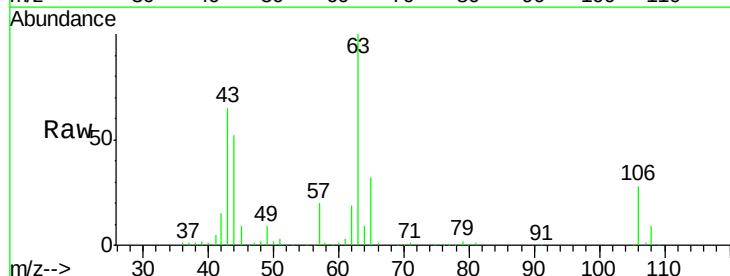
Manual Integrations
 APPROVED

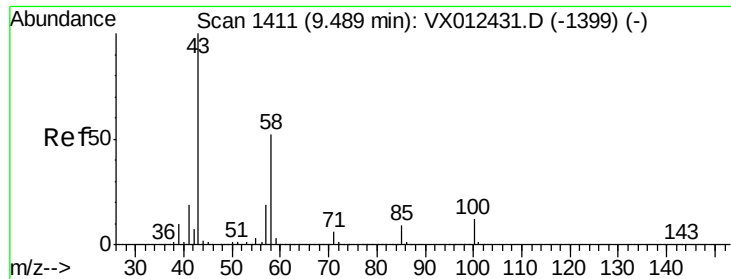
MMDadoda
 9/26/2019 9:33:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.649 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	23.8	35.6





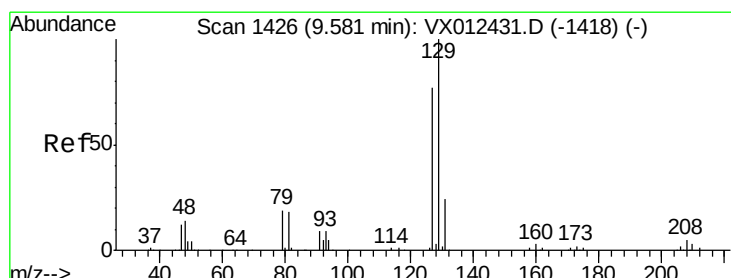
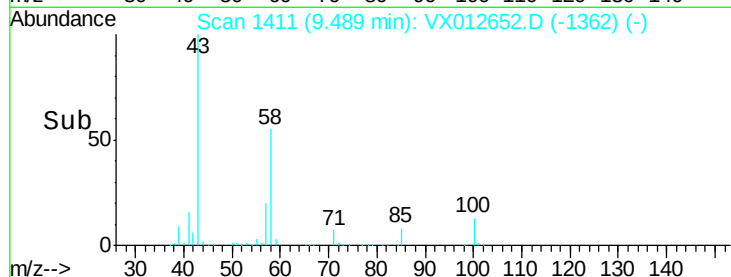
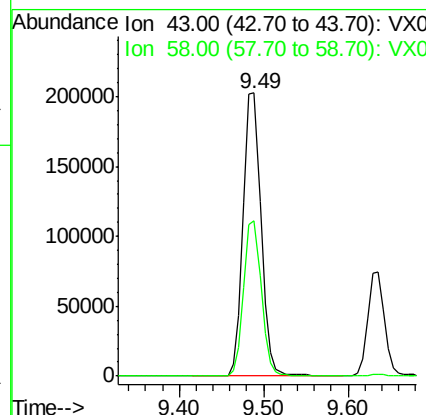
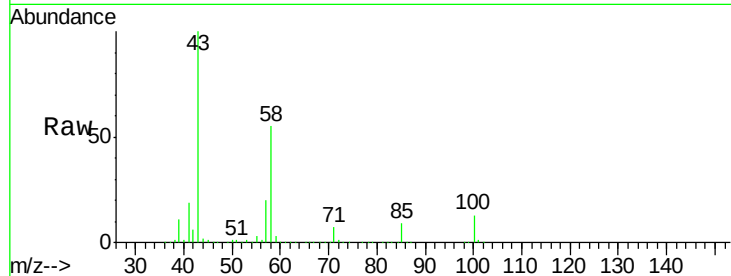
#59
2-Hexanone
Concen: 100.733 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion: 43 Resp: 290473
Ion Ratio Lower Upper
43 100
58 54.1 25.7 77.1

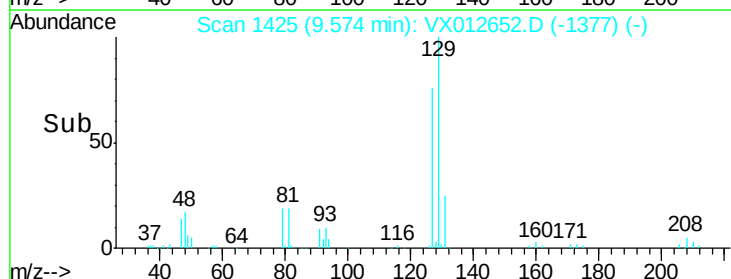
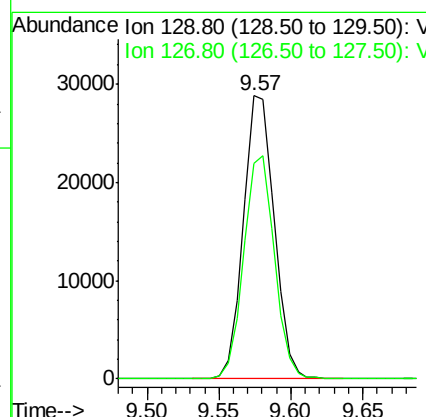
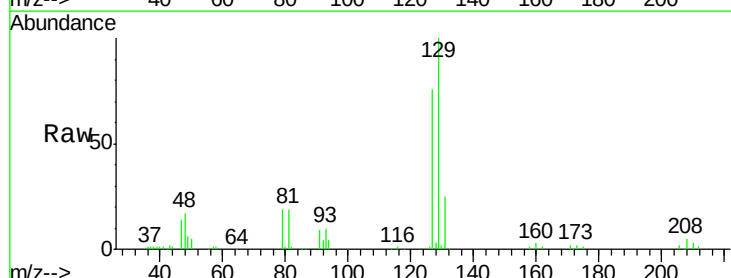
Manual Integrations
APPROVED

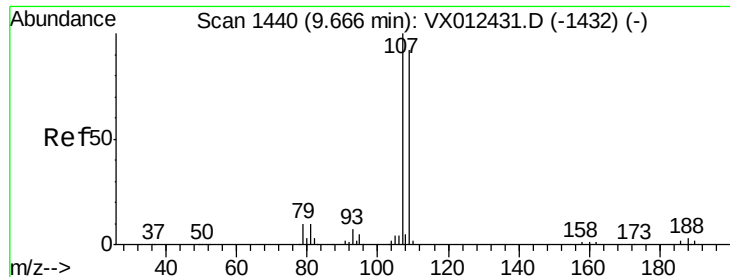
MMDadoda
9/26/2019 9:33:34 AM



#60
Dibromochloromethane
Concen: 18.513 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion: 129 Resp: 43009
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6





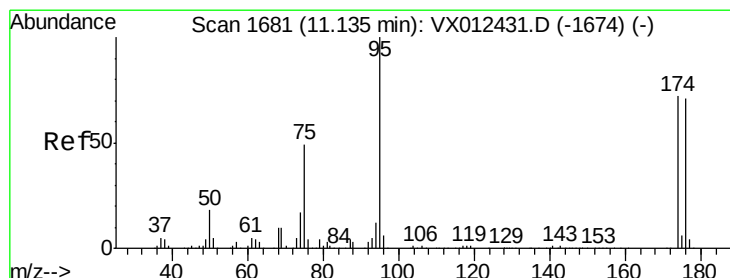
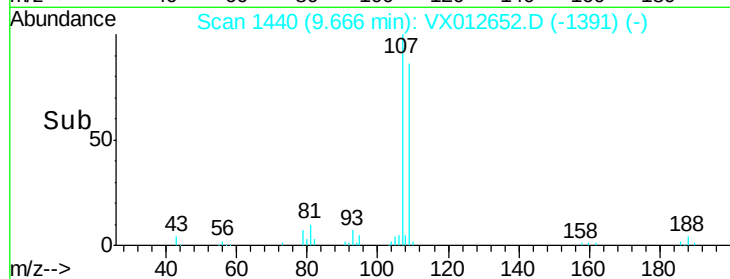
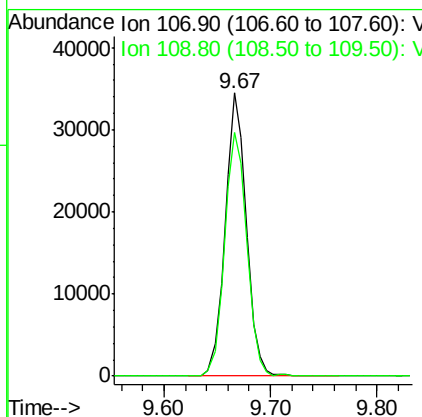
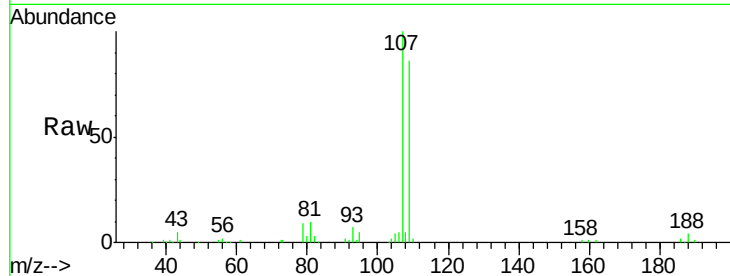
#61
 1,2-Dibromoethane
 Concen: 20.124 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	48064		
109	90.0	74.7	112.1	

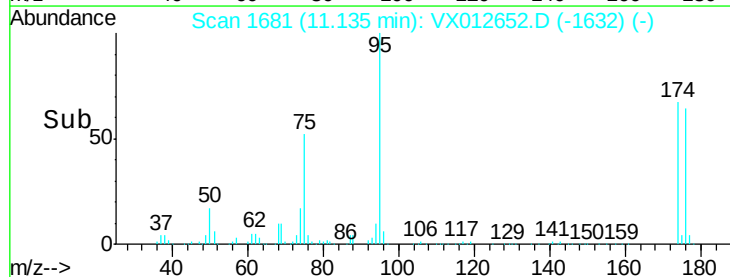
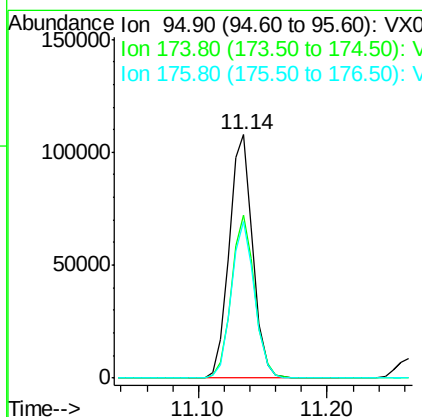
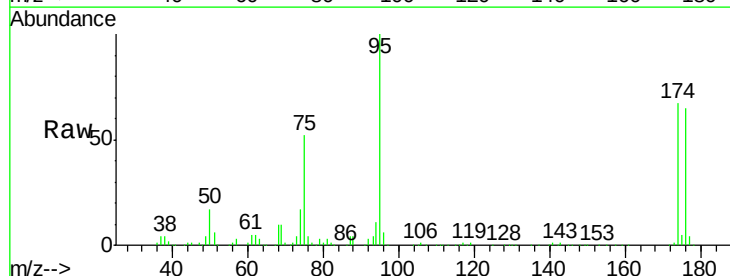
Manual Integrations
 APPROVED

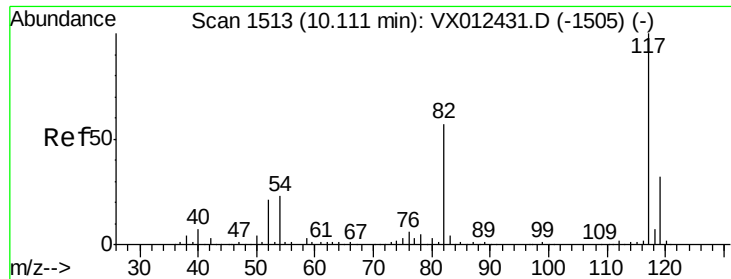
MMDadoda
 9/26/2019 9:33:34 AM



#62
 4-Bromofluorobenzene
 Concen: 47.093 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	137532		
174	66.1	0.0	140.0	
176	63.7	0.0	135.4	





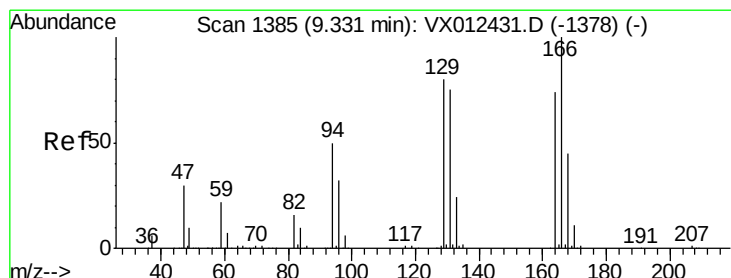
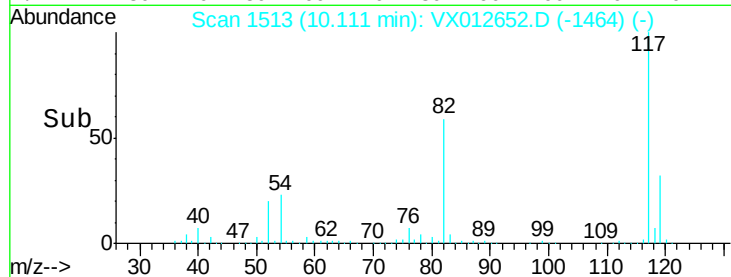
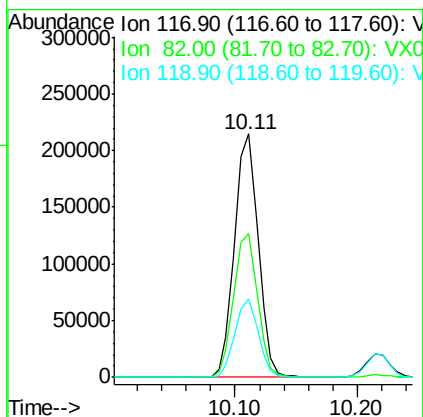
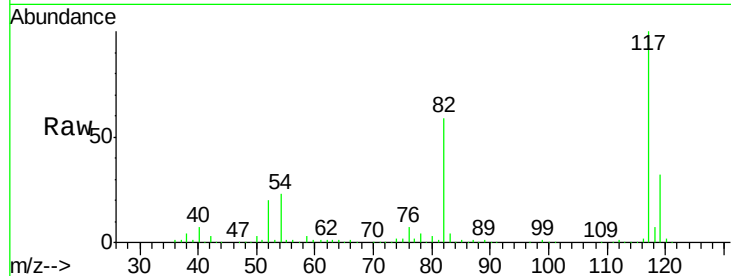
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	288140		
82	59.1	45.9	68.9	
119	32.5	25.3	37.9	

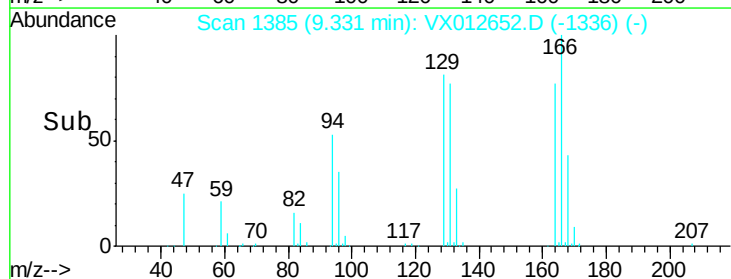
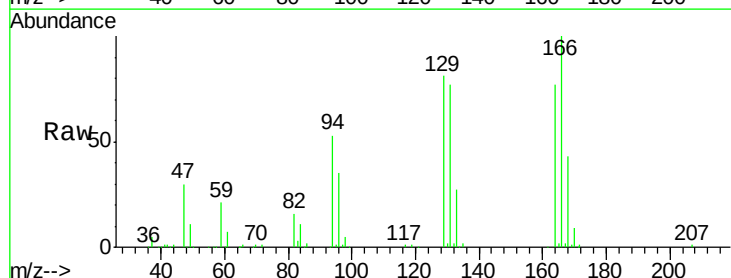
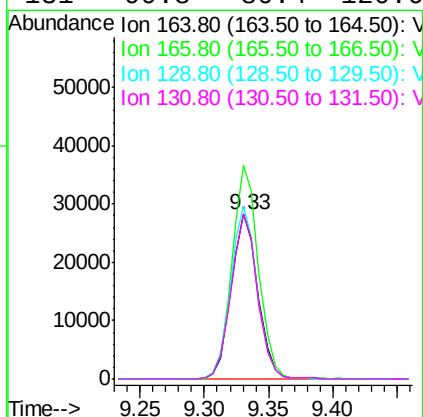
Manual Integrations
APPROVED

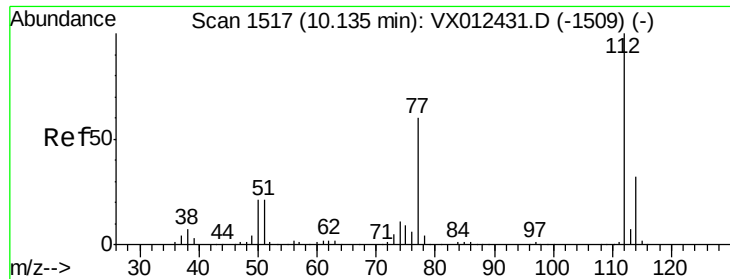
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#64
Tetrachloroethene
Concen: 20.378 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	40939		
166	129.5	107.8	161.6	
129	105.0	86.2	129.2	
131	99.8	80.4	120.6	





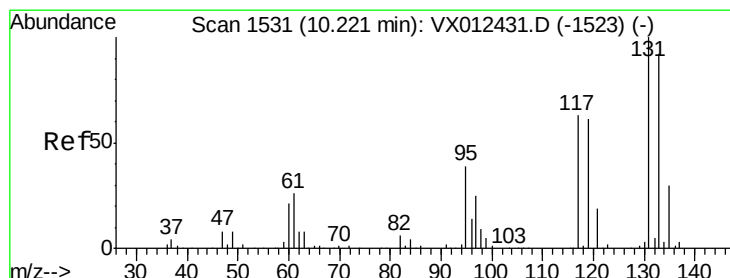
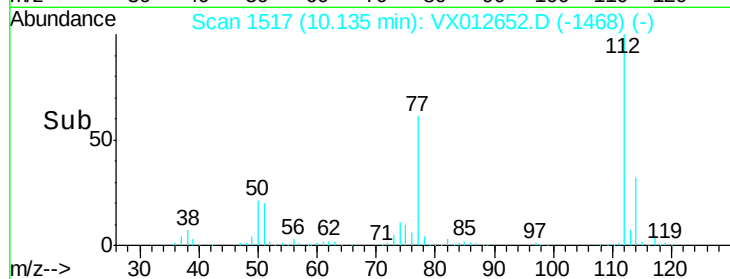
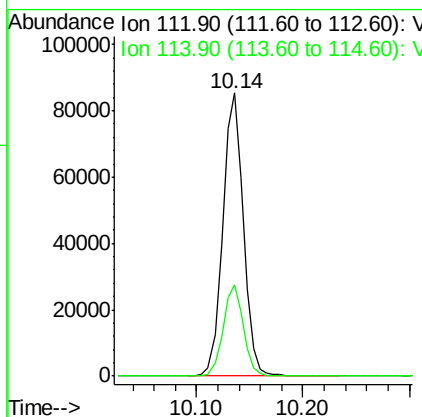
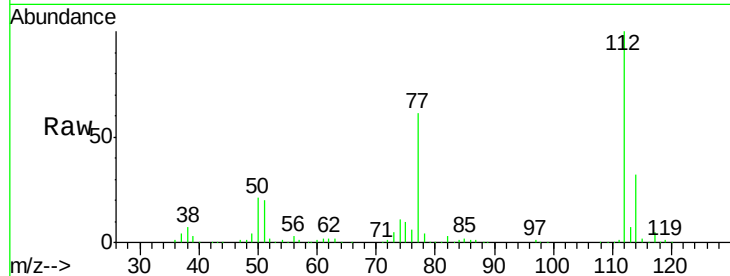
#65
Chlorobenzene
Concen: 18.970 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion:112 Resp: 115106
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

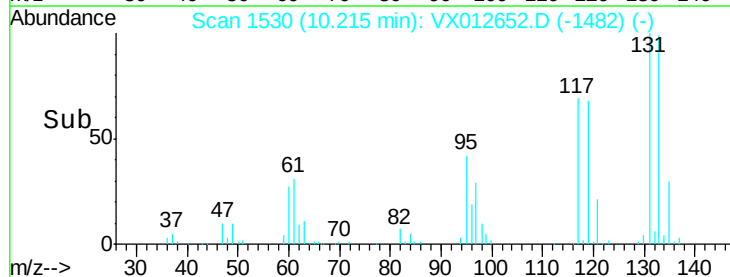
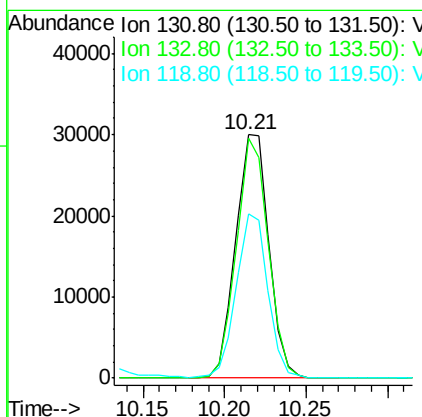
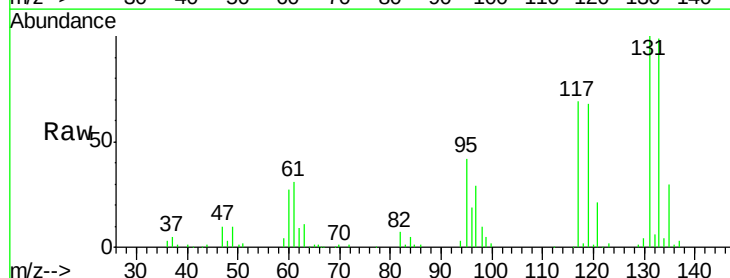
Manual Integrations
APPROVED

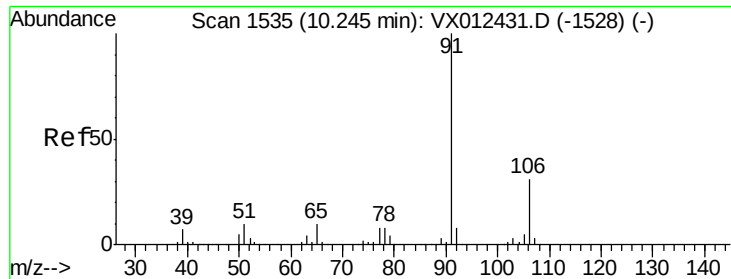
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.385 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion:131 Resp: 42617
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 64.4 31.3 93.8





#67

Ethyl Benzene

Concen: 19.600 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VX0925WBS01

Tot Ion: 91 Resp: 215697

Ion Ratio Lower Upper

91 100

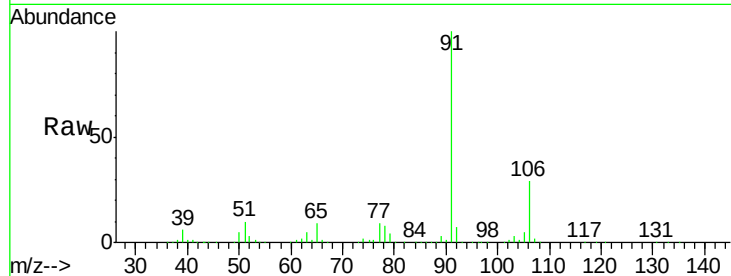
106 28.8 24.6 37.0

Manual Integrations

APPROVED

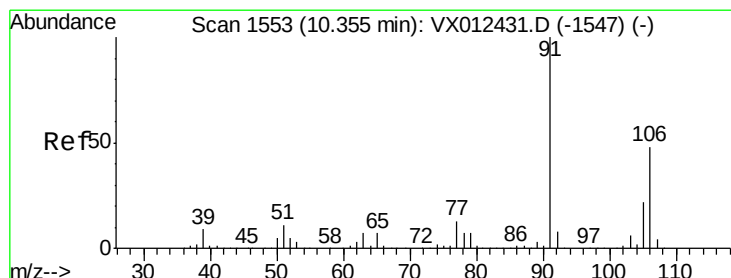
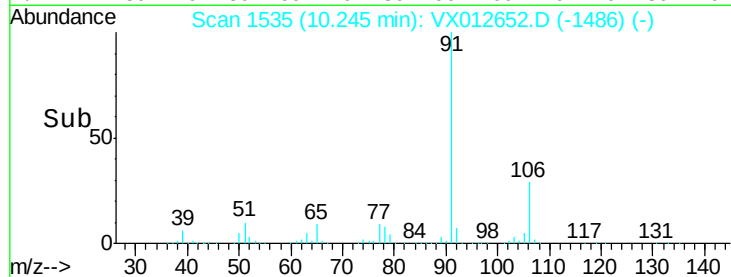
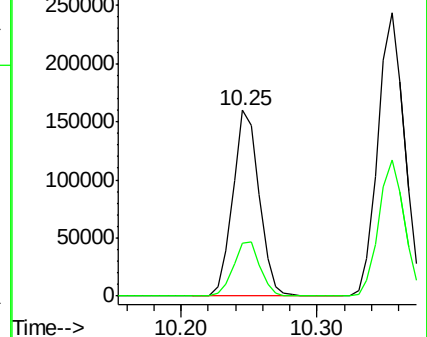
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.669 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012652.D

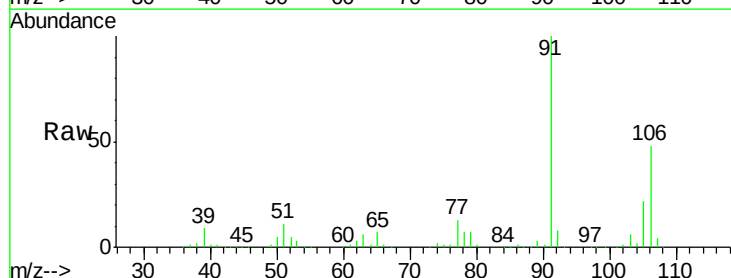
Acq: 25 Sep 2019 11:35

Tgt Ion: 106 Resp: 155292

Ion Ratio Lower Upper

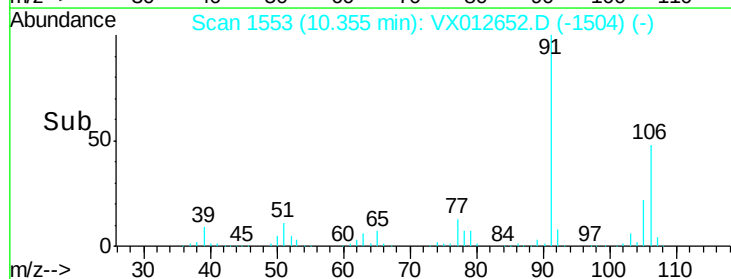
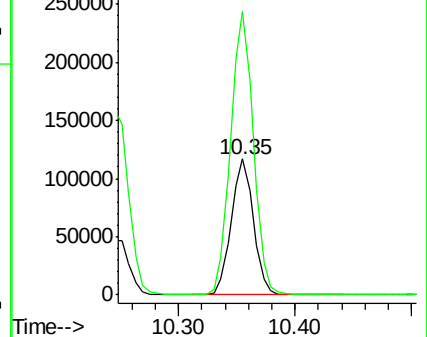
106 100

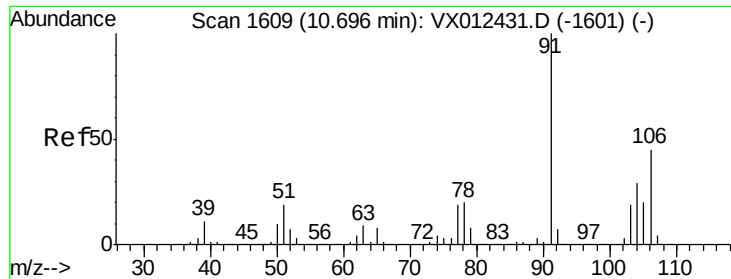
91 213.1 166.6 250.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

o-Xylene

Concen: 19.594 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampled :

VX0925WBS01

Tot Ion:106 Resp: 78160

Ion Ratio Lower Upper

106 100

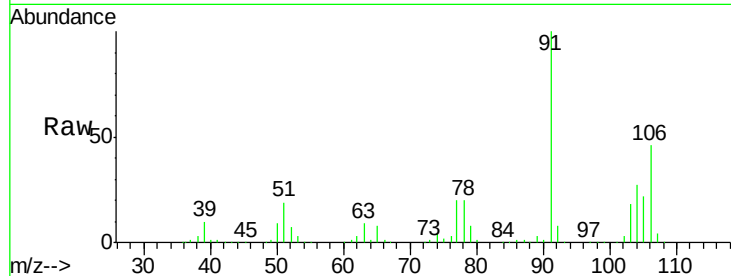
91 220.2 109.4 328.2

Manual Integrations

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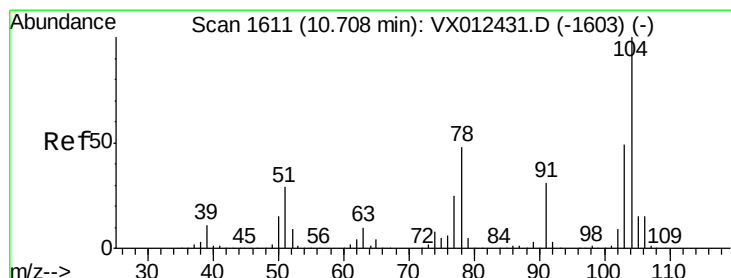
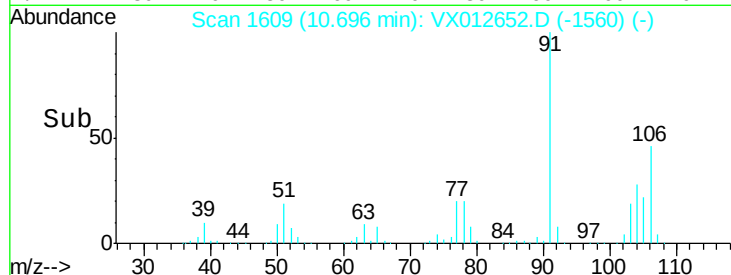
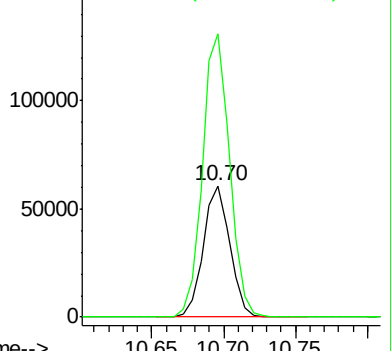
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 19.203 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

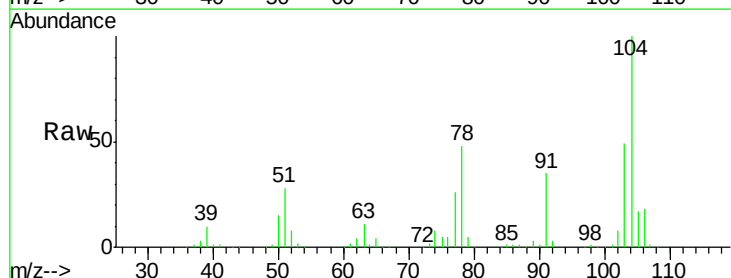
Tgt Ion:104 Resp: 128418

Ion Ratio Lower Upper

104 100

78 55.4 43.4 65.2

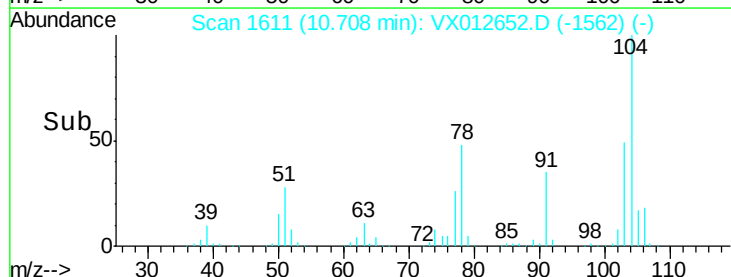
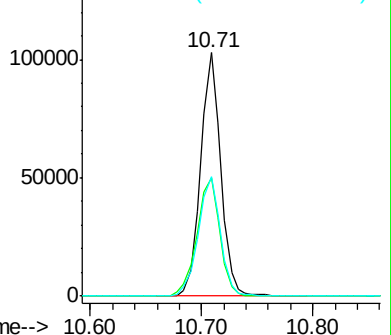
103 54.2 43.3 64.9

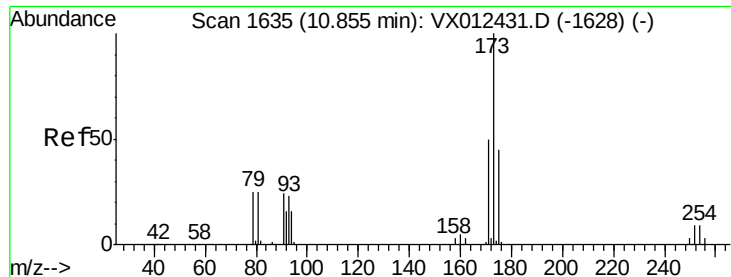


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.151 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion:173 Resp: 27786

Ion Ratio Lower Upper

173 100

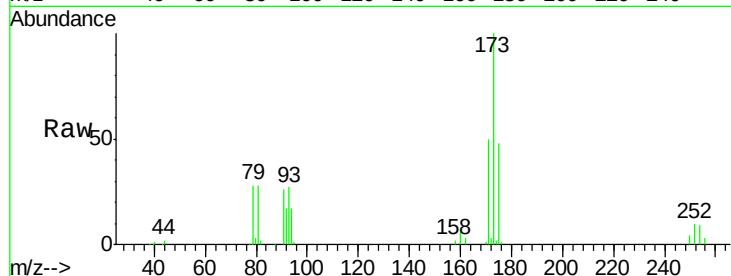
175 49.4 23.7 71.1

254 0.0 0.1 0.1#

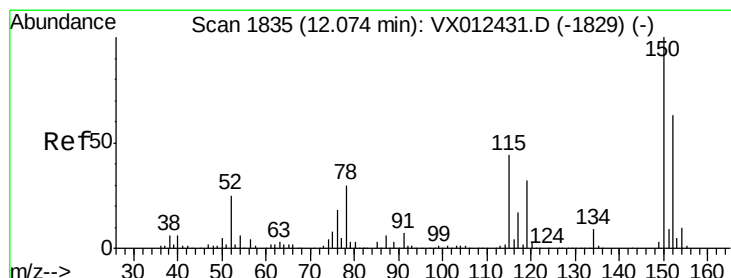
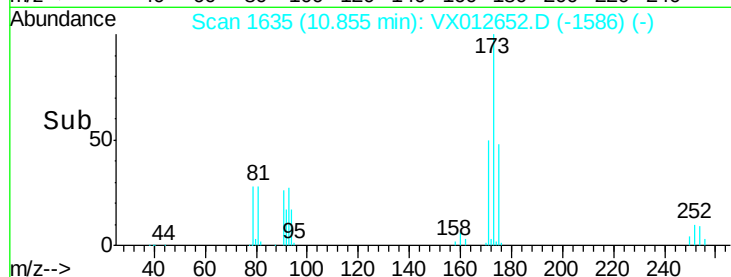
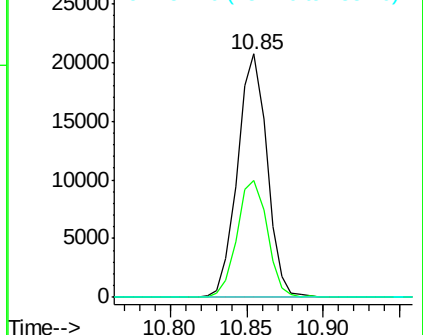
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

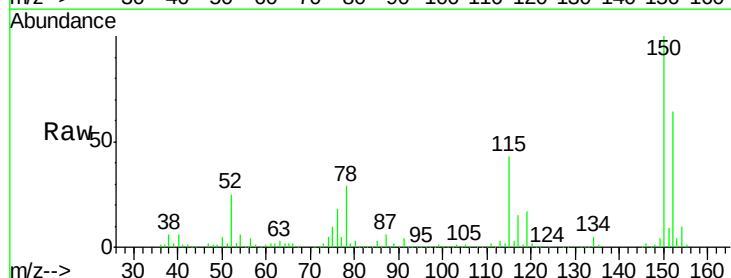
Tgt Ion:152 Resp: 126940

Ion Ratio Lower Upper

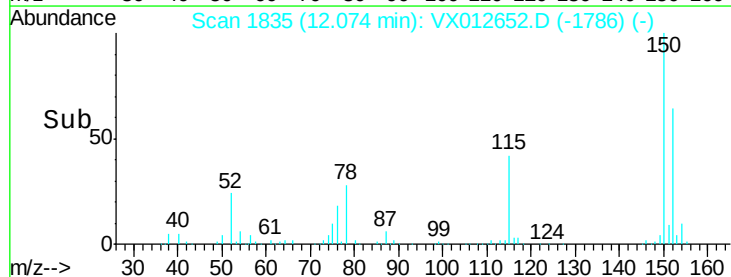
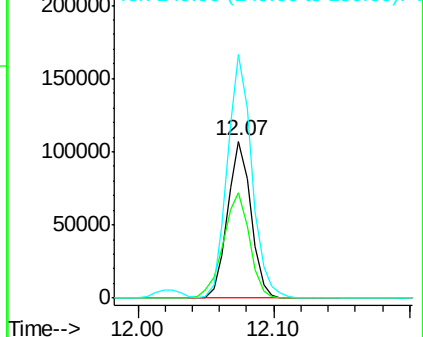
152 100

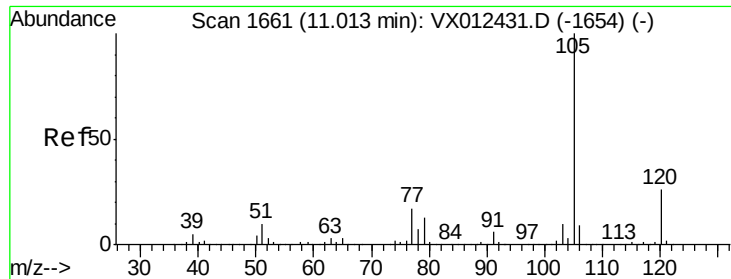
115 75.6 44.1 132.3

150 163.7 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





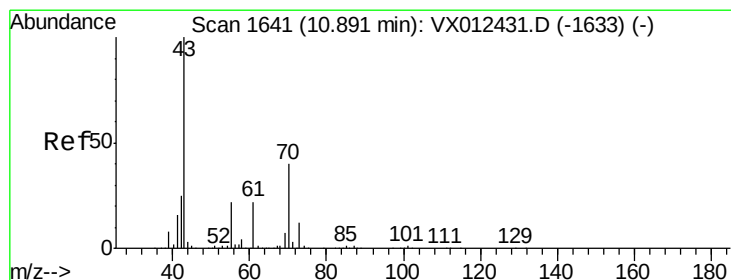
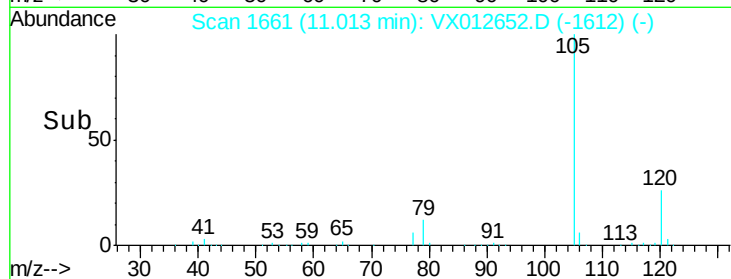
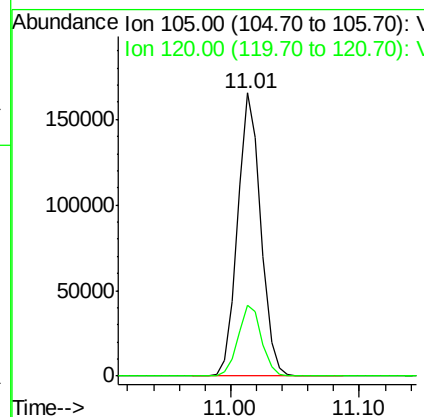
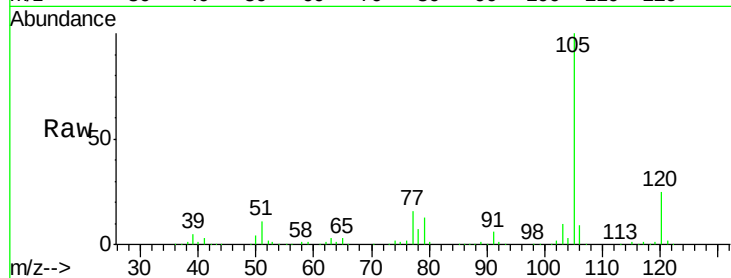
#73
Isopropylbenzene
Concen: 20.084 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion: 105 Resp: 207645
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.7

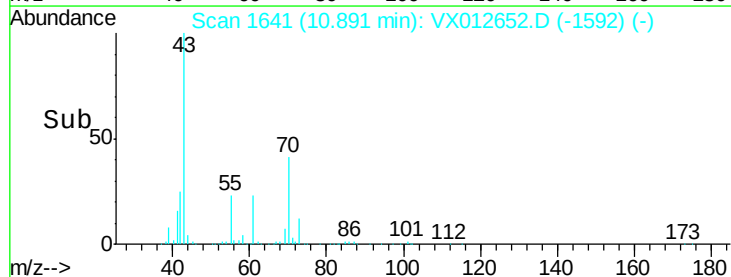
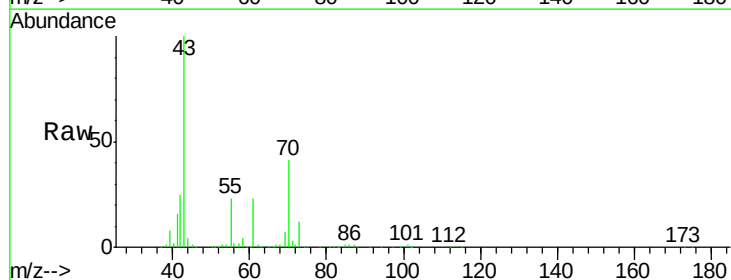
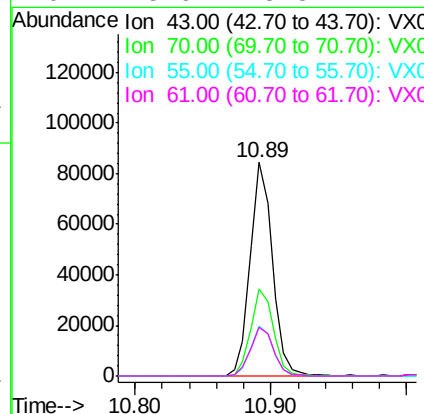
Manual Integrations
APPROVED

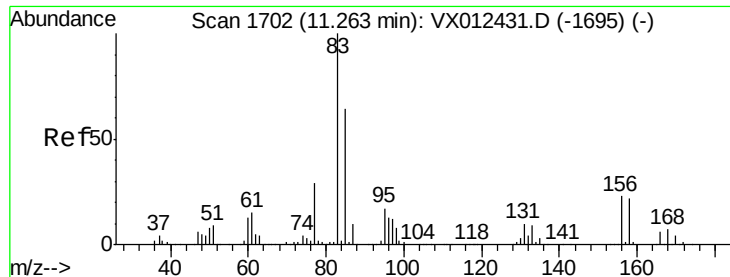
MMDadoda
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#74
N-ethyl acetate
Concen: 19.756 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion: 43 Resp: 97442
Ion Ratio Lower Upper
43 100
70 42.1 32.4 48.6
55 24.2 18.2 27.4
61 23.9 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 20.077 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

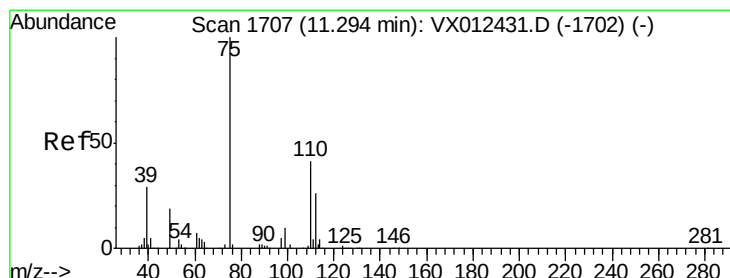
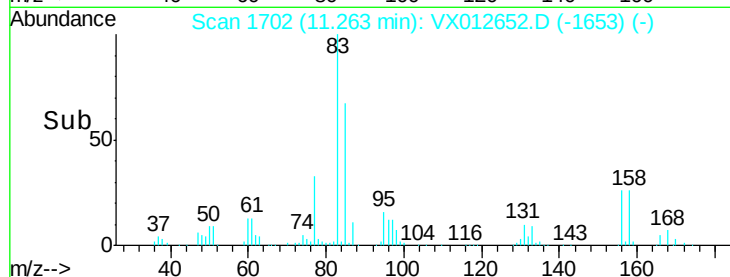
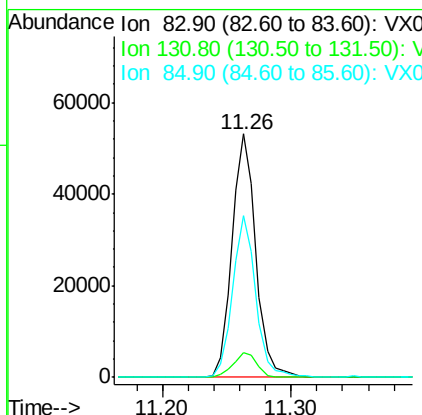
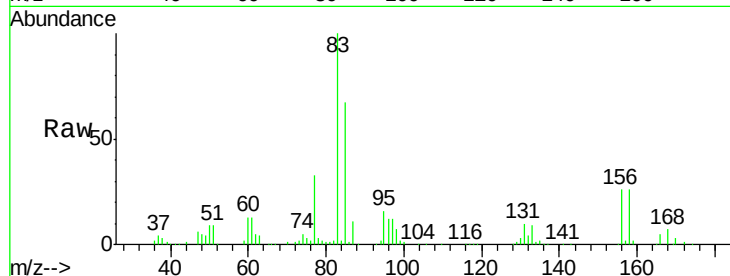
ClientSampleId :

VX0925WBS01

Tot Ion:	83	Resp:	68746
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	64.8	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.757 ug/l m

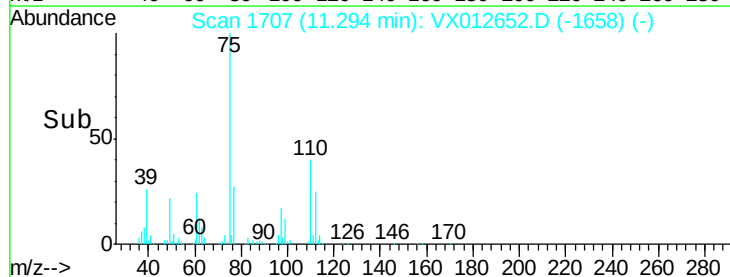
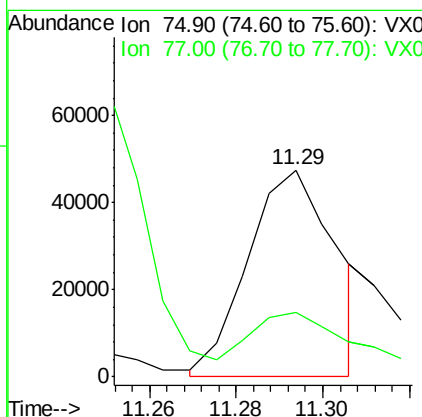
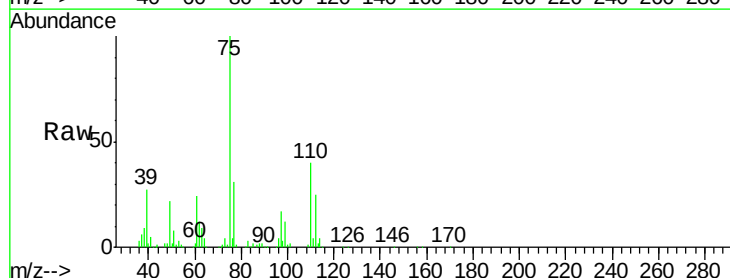
RT: 11.29 min Scan# 1707

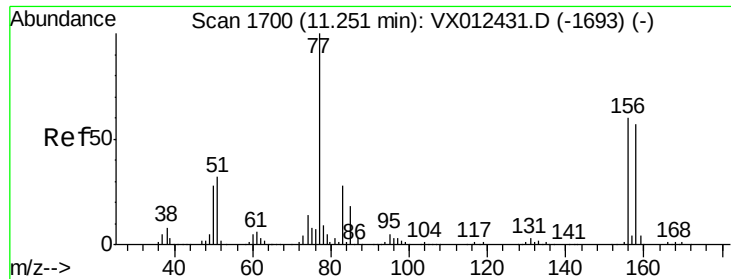
Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Tgt Ion:	75	Resp:	66342
Ion Ratio	Lower	Upper	
75	100		
77	38.3	19.7	59.0





#77

Bromobenzene

Concen: 19.549 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

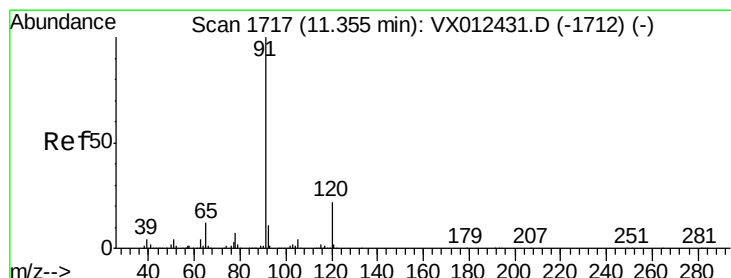
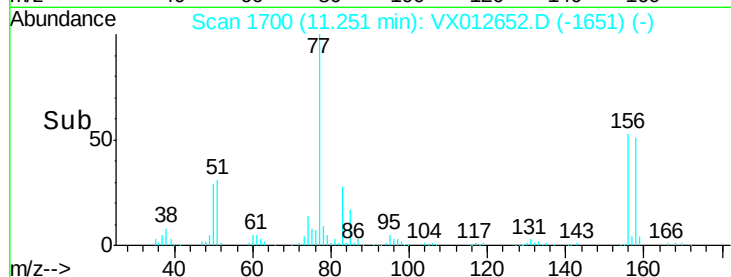
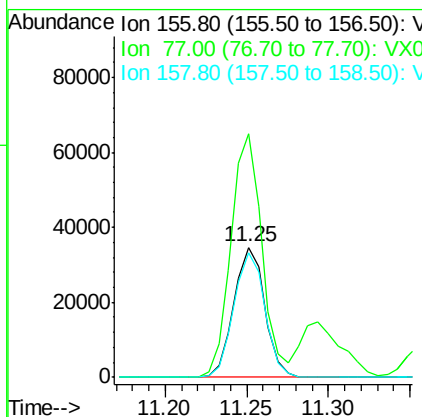
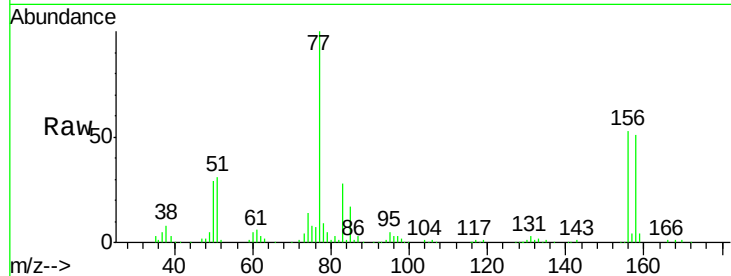
ClientSampleId :

VX0925WBS01

Tot Ion:	156	Resp:	45744
Ion	Ratio	Lower	Upper
156	100		
77	187.4	87.3	261.8
158	96.7	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.550 ug/l

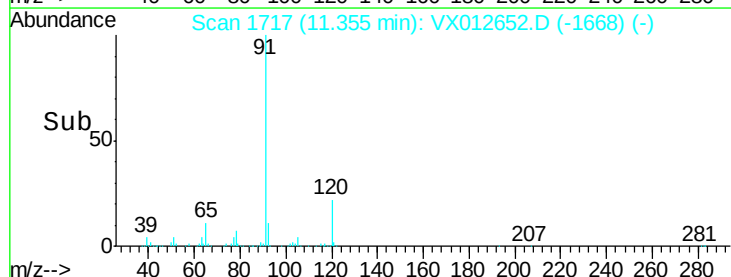
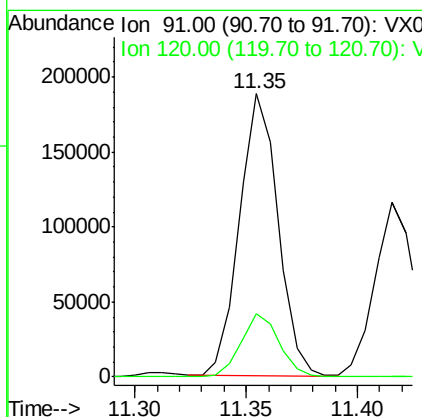
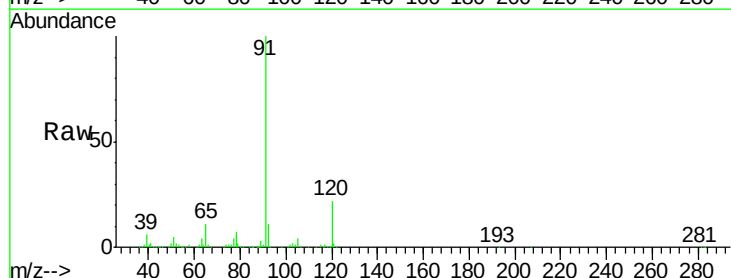
RT: 11.35 min Scan# 1717

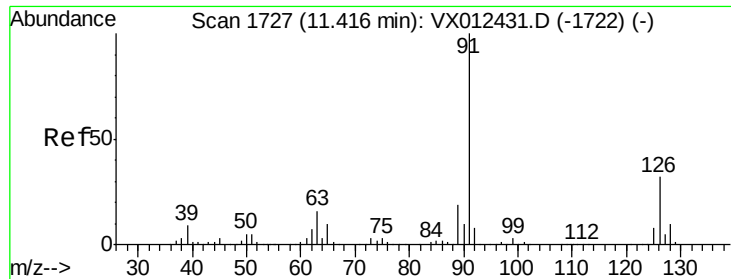
Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Tgt Ion:	91	Resp:	227553
Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.8





#79

2-Chlorotoluene

Concen: 19.762 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 91 Resp: 143490

Ion Ratio Lower Upper

91 100

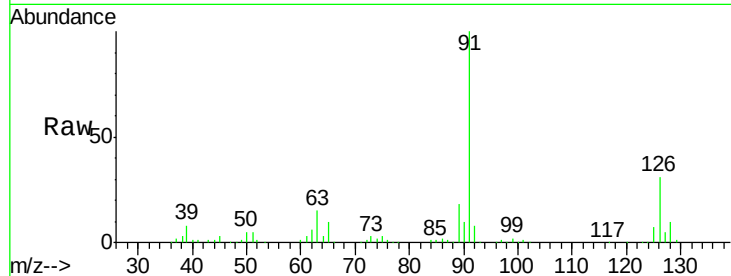
126 31.9 16.4 49.4

Manual Integrations

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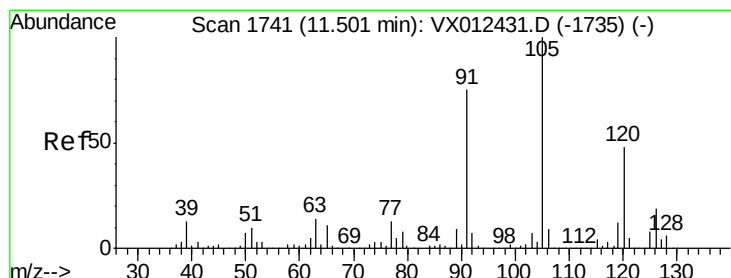
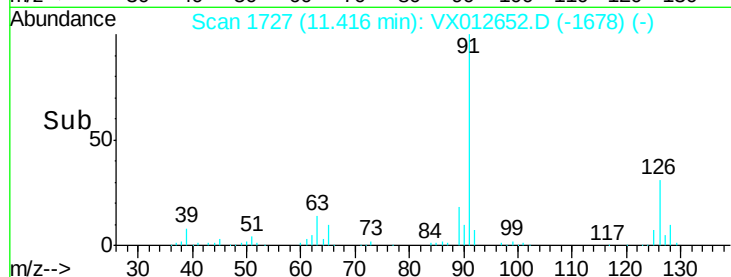
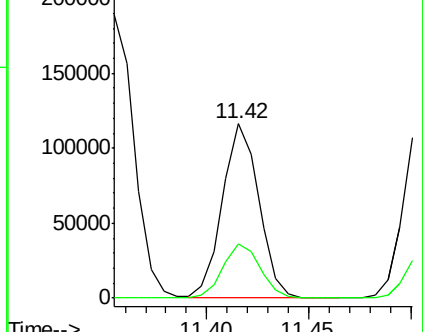
MMDadoda

9/26/2019 9:33:34 AM



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: 20.260 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012652.D

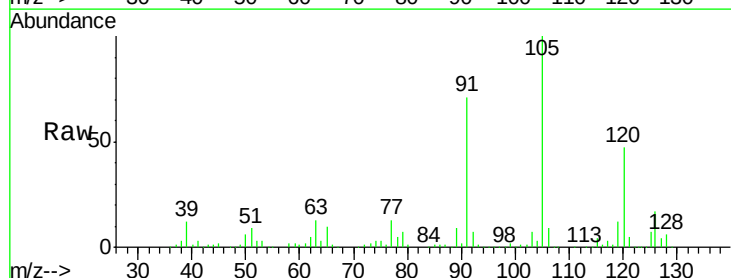
Acq: 25 Sep 2019 11:35

Tgt Ion:105 Resp: 175656

Ion Ratio Lower Upper

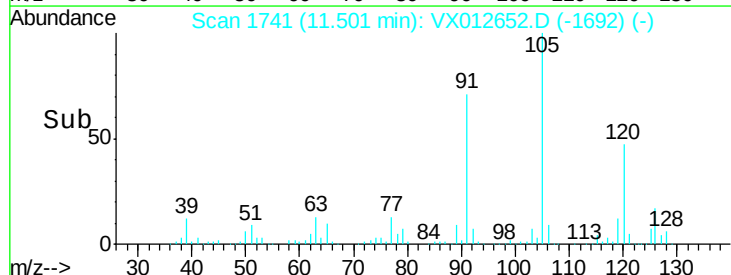
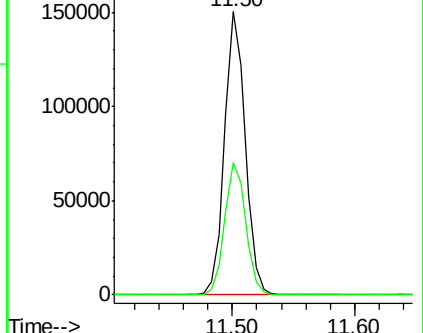
105 100

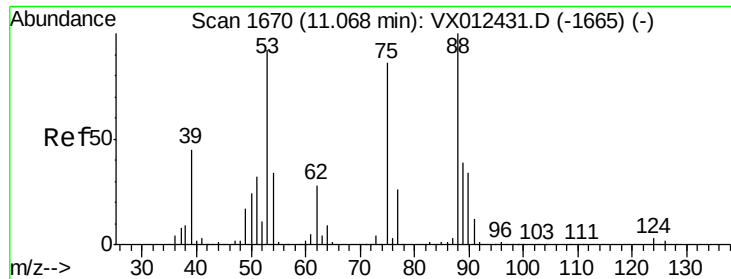
120 47.7 24.3 72.8



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: 18.023 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

ClientSampleId :

VX0925WBS01

Tot Ion: 75 Resp: 21118

Ion Ratio Lower Upper

75 100

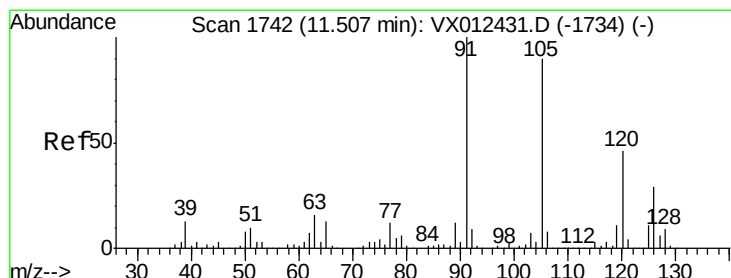
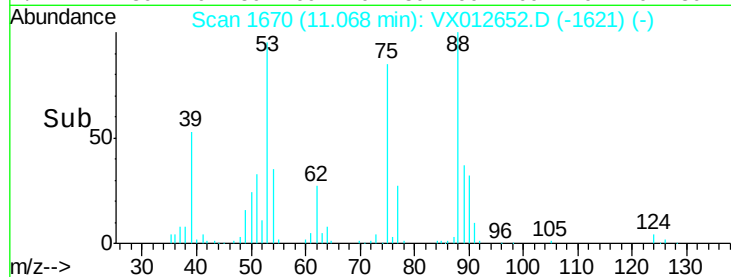
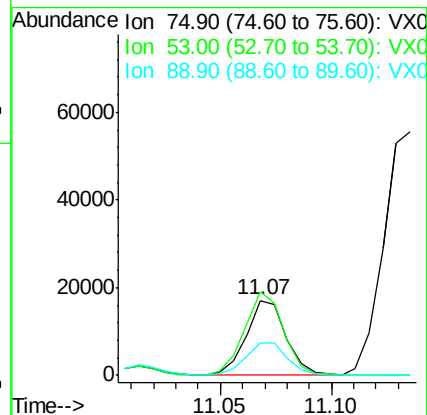
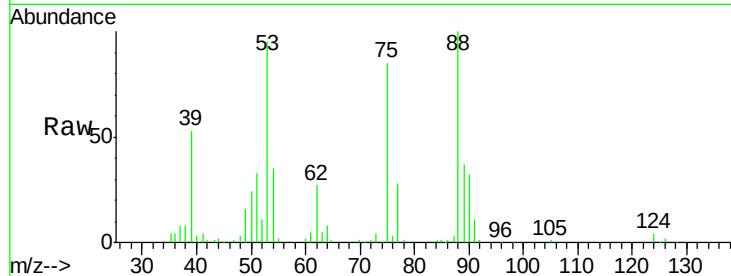
53 111.6 83.6 125.4

89 46.6 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.813 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012652.D

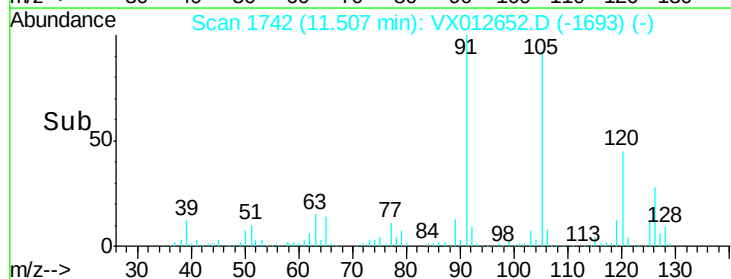
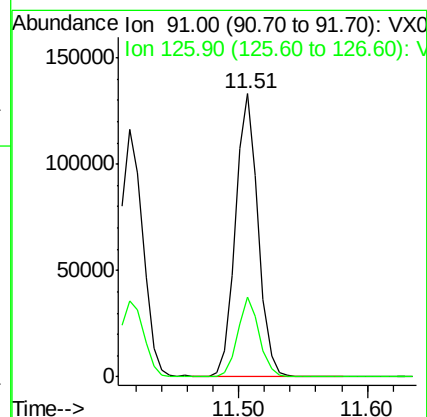
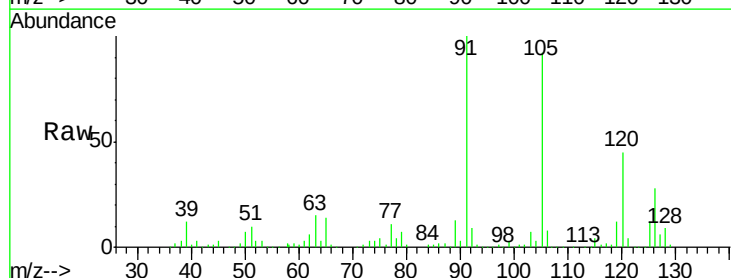
Acq: 25 Sep 2019 11:35

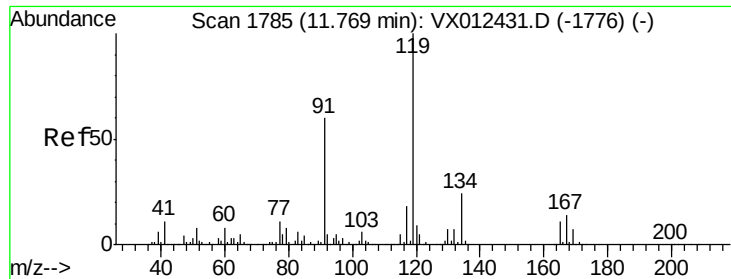
Tgt Ion: 91 Resp: 163998

Ion Ratio Lower Upper

91 100

126 26.9 14.4 43.0





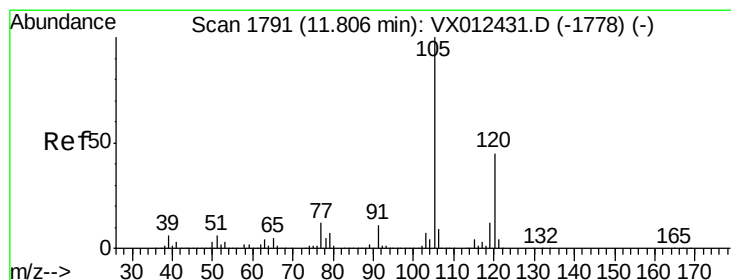
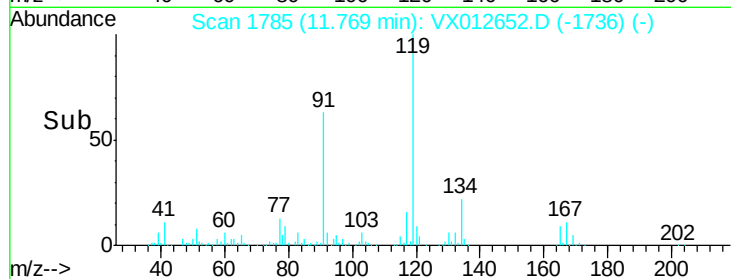
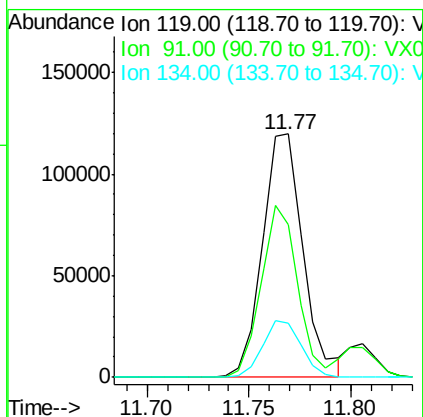
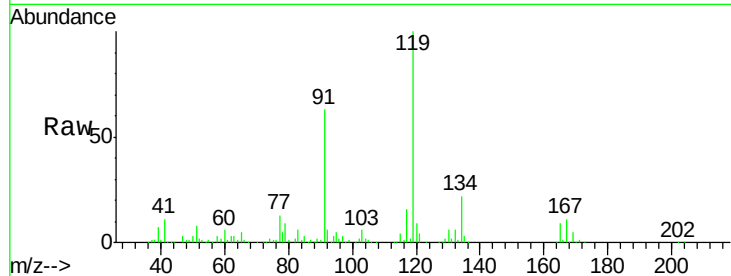
#83
 tert-Butylbenzene
 Concen: 19.853 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	166041		
91	63.5	30.0	90.0	
134	22.1	11.3	33.9	

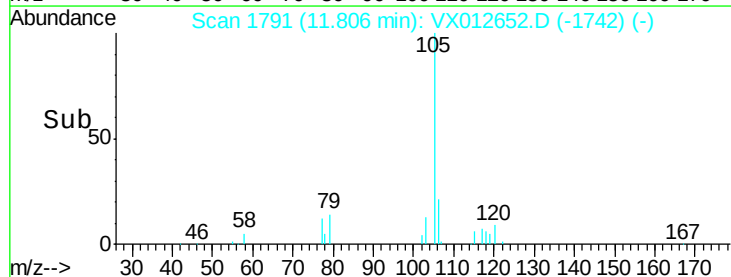
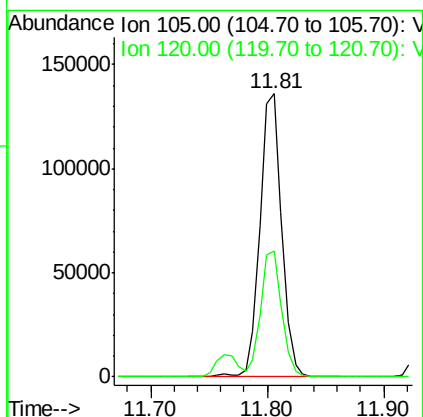
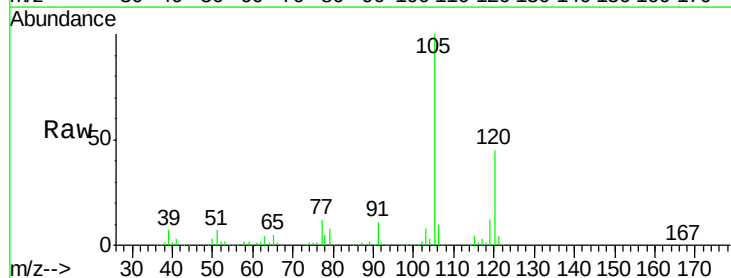
Manual Integrations
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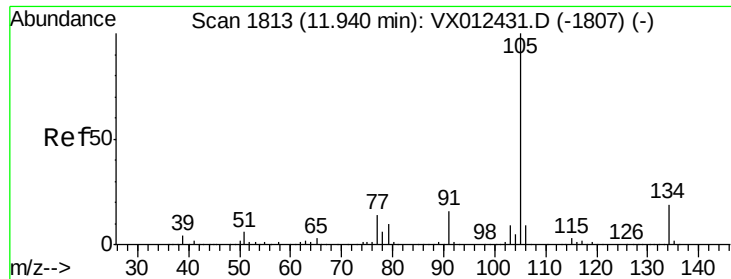
MMDadoda
 9/26/2019 9:33:34 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.163 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	176348		
120	43.2	22.2	66.6	





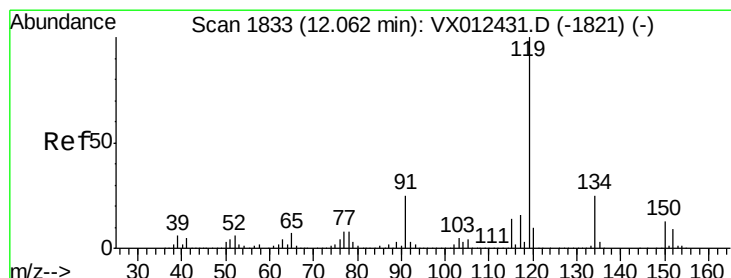
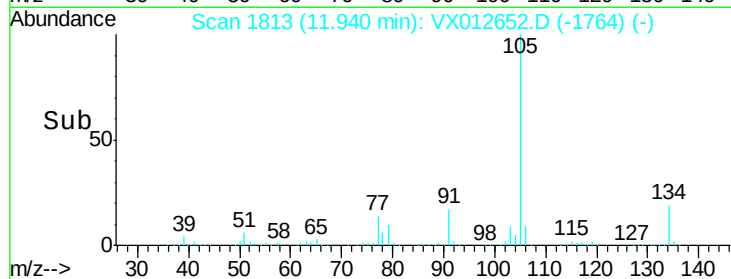
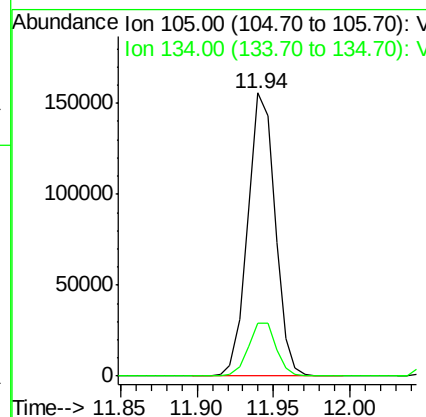
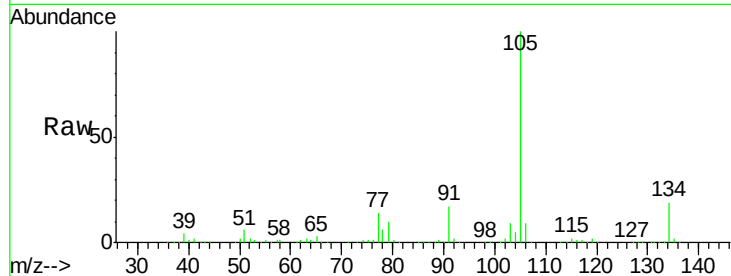
#85
 sec-Butylbenzene
 Concen: 19.891 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.8	29.4

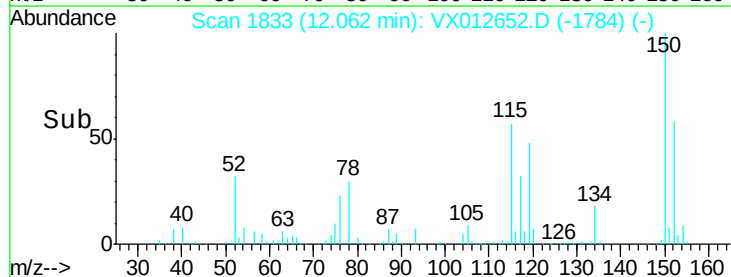
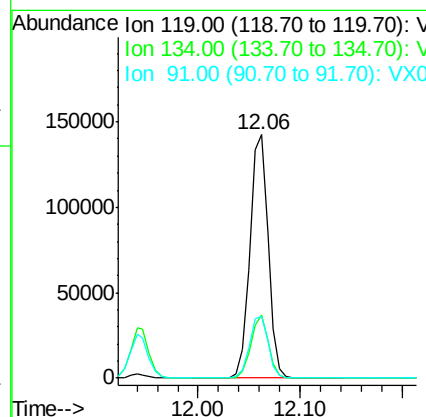
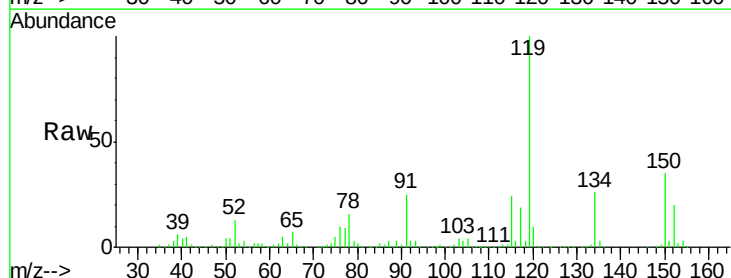
Manual Integrations
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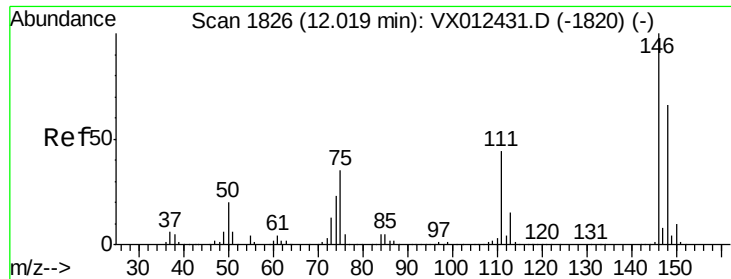
MMDadoda
 9/26/2019 9:33:34 AM



#86
 p-Isopropyltoluene
 Concen: 20.063 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	24.8	12.7	38.1
91	26.1	12.8	38.4





#87

1,3-Dichlorobenzene

Concen: 19.217 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

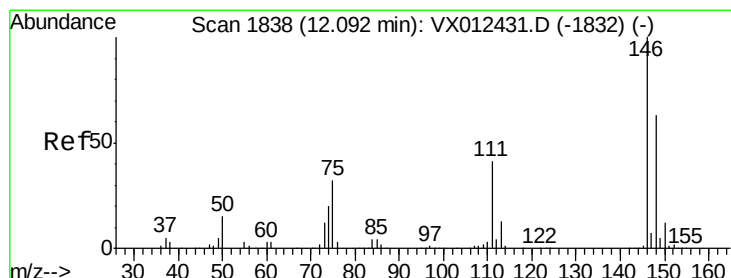
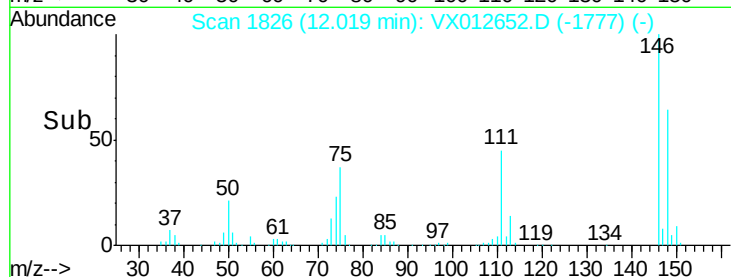
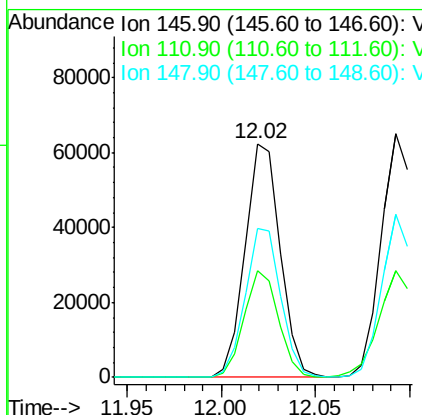
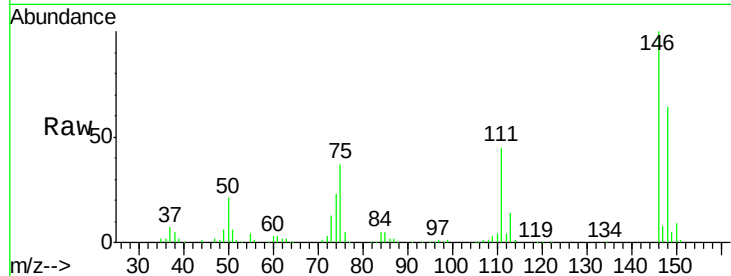
ClientSampled :

VX0925WBS01

Tot Ion:	146	Resp:	80923
Ion Ratio	Lower	Upper	
146	100		
111	44.5	21.3	64.0
148	64.3	32.4	97.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.227 ug/l

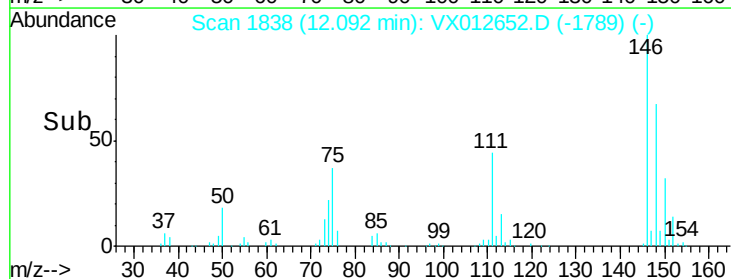
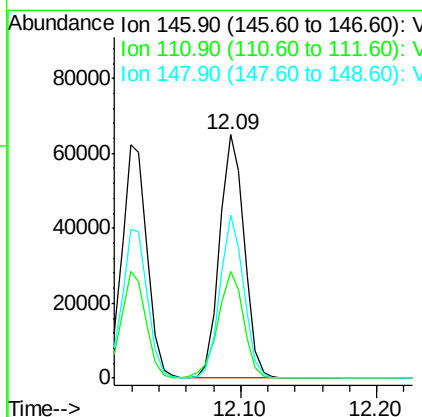
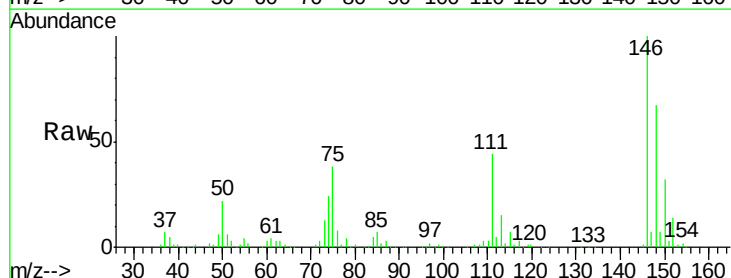
RT: 12.09 min Scan# 1838

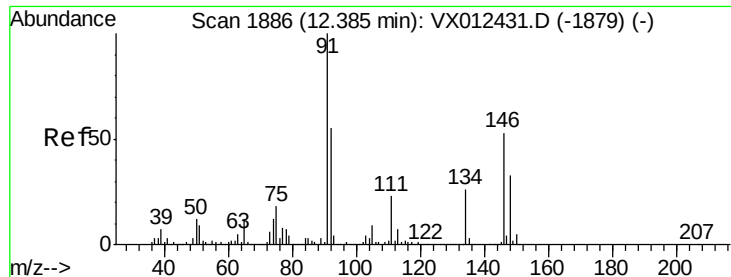
Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Tgt Ion:	146	Resp:	81814
Ion Ratio	Lower	Upper	
146	100		
111	45.6	21.1	63.3
148	64.5	32.1	96.5





#89

n-Butylbenzene

Concen: 19.154 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Instrument :

MSVOA_X

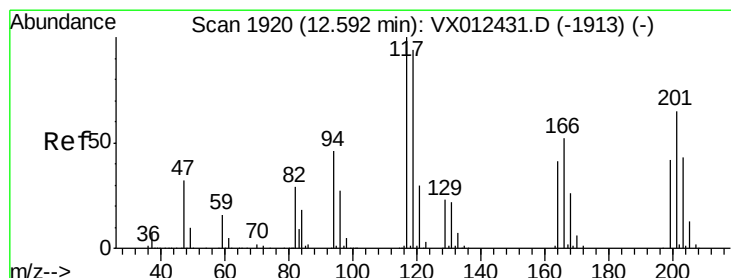
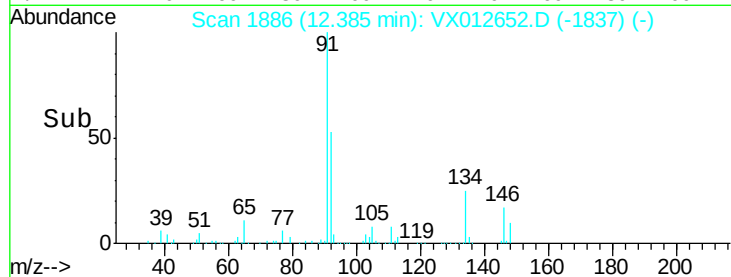
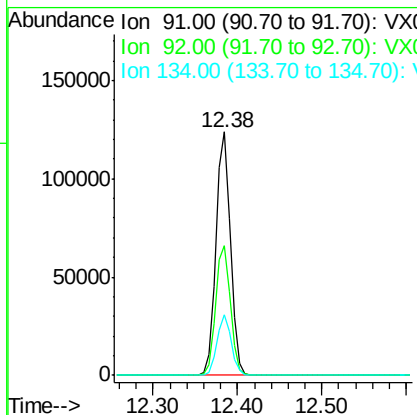
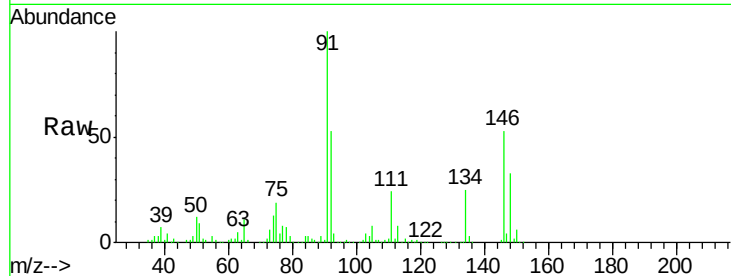
ClientSampleId :

VX0925WBS01

Tot Ion:	91	Resp:	148143
Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.7	83.0
134	24.4	12.9	38.6

Manual Integrations
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#90

Hexachloroethane

Concen: 18.249 ug/l

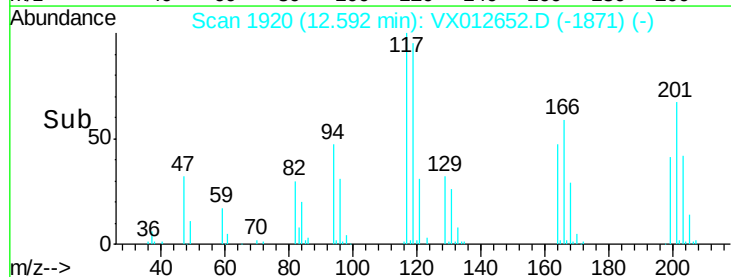
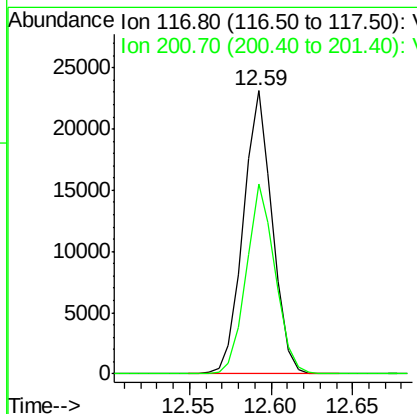
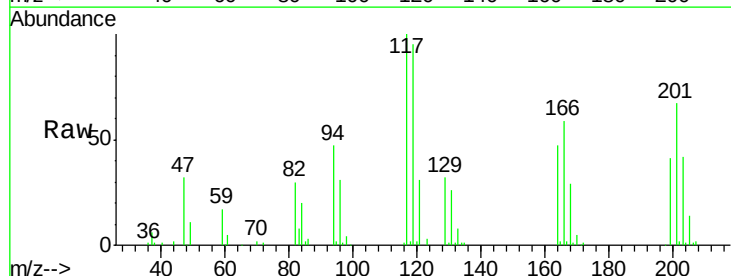
RT: 12.59 min Scan# 1920

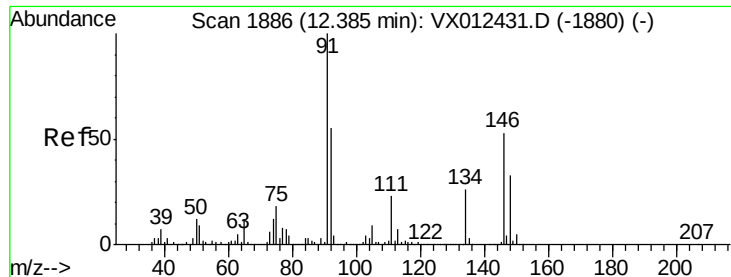
Delta R.T. -0.00 min

Lab File: VX012652.D

Acq: 25 Sep 2019 11:35

Tgt Ion:	117	Resp:	28557
Ion	Ratio	Lower	Upper
117	100		
201	67.0	33.3	99.8





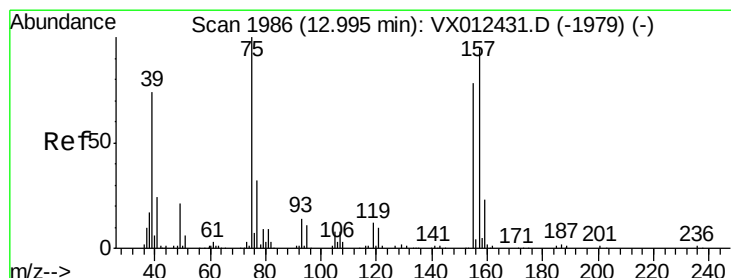
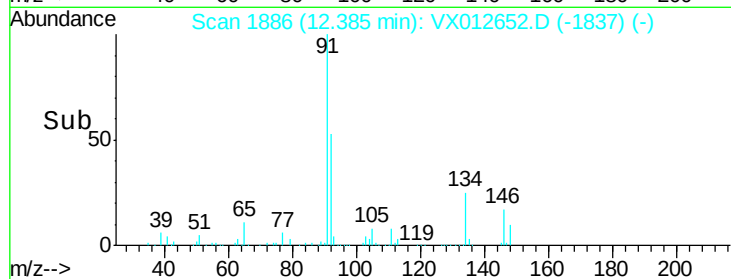
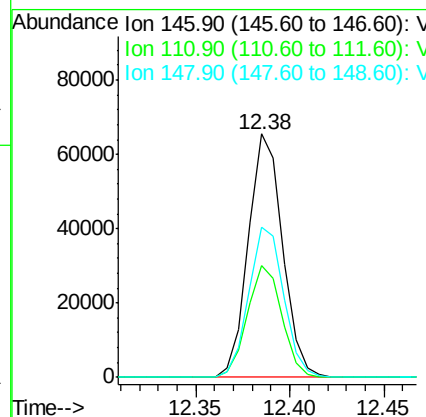
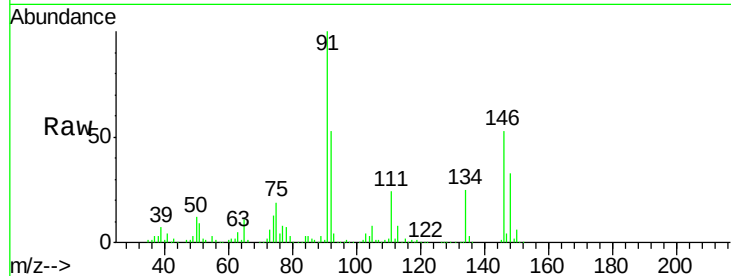
#91
 1,2-Dichlorobenzene
 Concen: 19.620 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.1	66.1
148	63.1	31.3	93.9

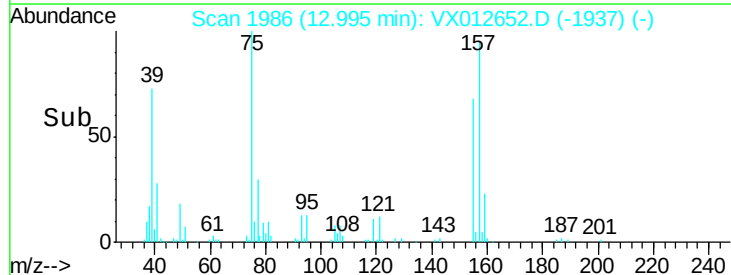
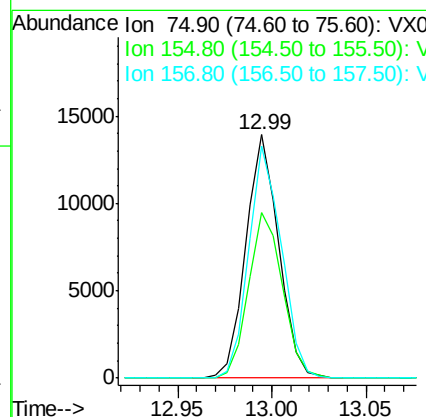
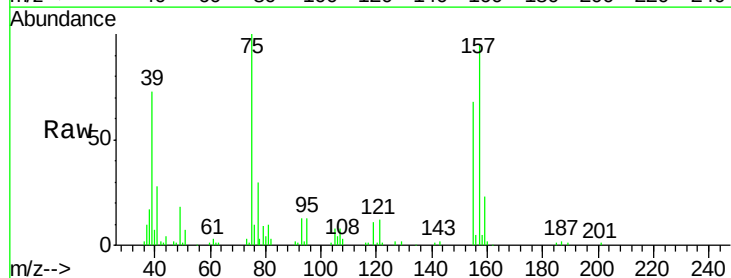
Manual Integrations
 APPROVED

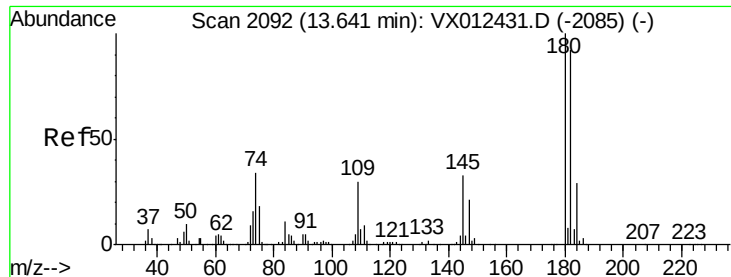
MMDadoda
 9/26/2019 9:33:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.680 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.3	38.6	115.8
157	94.7	50.6	151.9





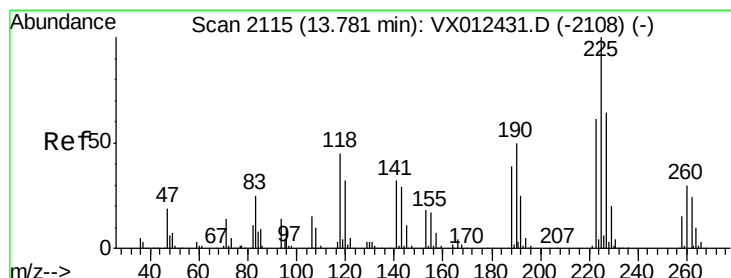
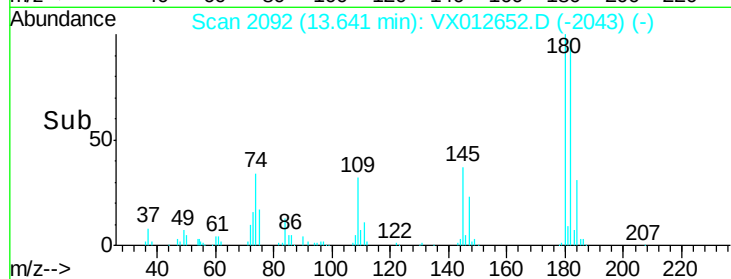
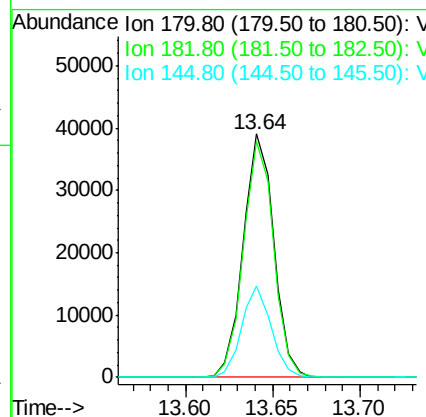
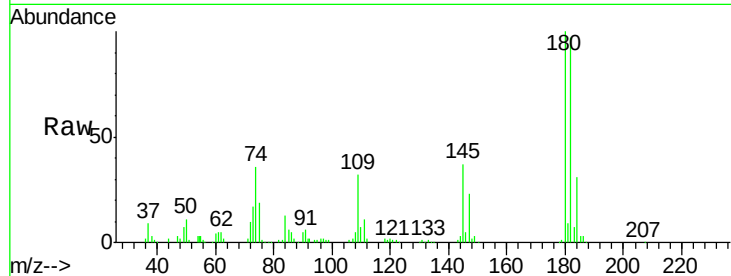
#93
 1,2,4-Trichlorobenzene
 Concen: 18.426 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0925WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.0	141.0
145	36.2	16.8	50.4

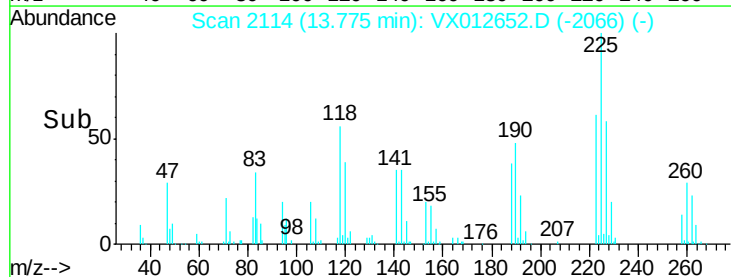
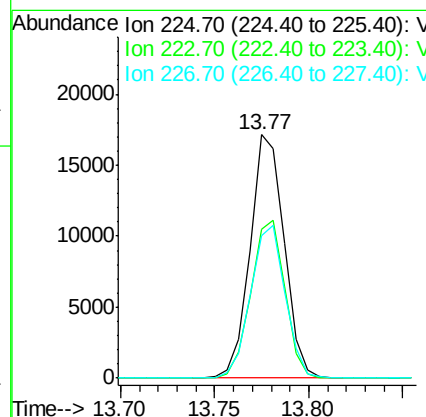
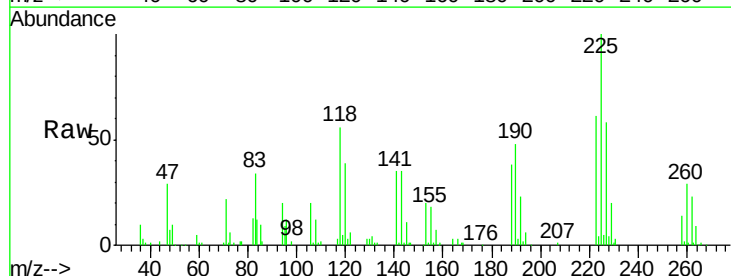
Manual Integrations
 APPROVED

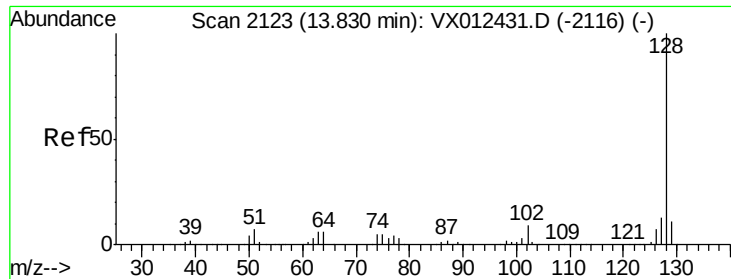
MMDadoda
 9/26/2019 9:33:34 AM



#94
 Hexachlorobutadiene
 Concen: 19.364 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012652.D
 Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.8	32.0	96.2
227	63.6	31.9	95.5





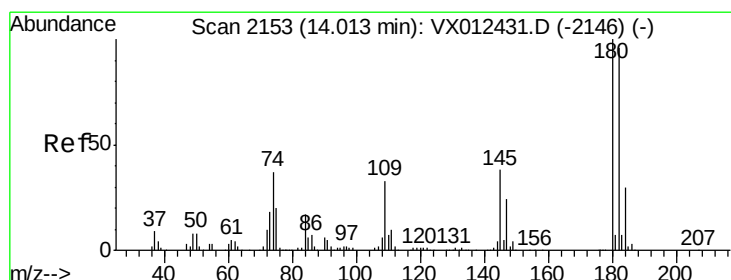
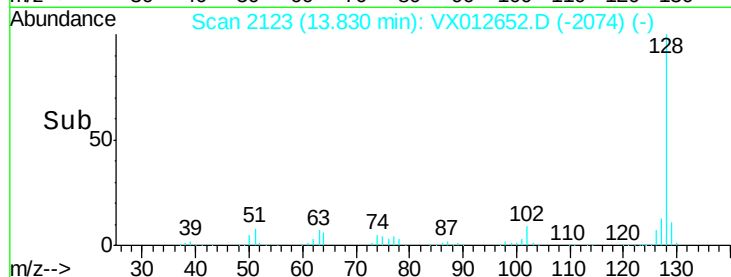
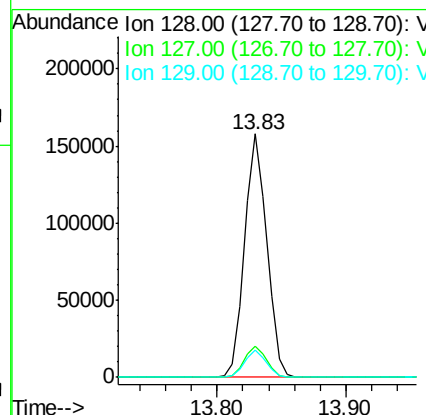
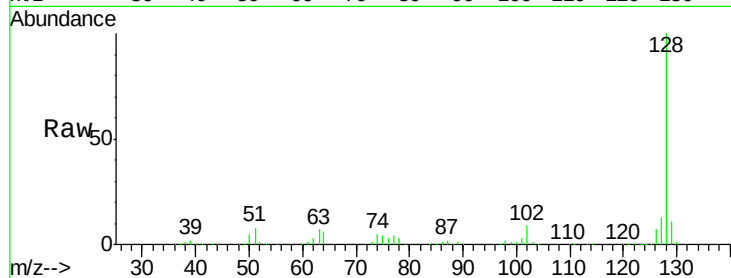
#95
Naphthalene
Concen: 20.250 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Instrument :
MSVOA_X
ClientSampleId :
VX0925WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/26/2019 9:33:34 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.371 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012652.D
Acq: 25 Sep 2019 11:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.1	141.3
145	36.5	18.0	54.0

