

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092519\
 Data File : VX012649.D
 Acq On : 25 Sep 2019 10:09
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/26/2019 9:33:30 AM

Quant Time: Sep 25 23:21:37 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	201987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	346527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	307162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	146716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	137597	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.48	113	102949	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.71	98	385389	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
62) 4-Bromofluorobenzene	11.14	95	154987	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	105111	46.258	ug/l	98
3) Chloromethane	1.32	50	115085	44.106	ug/l	97
4) Vinyl Chloride	1.40	62	119313	46.005	ug/l	97
5) Bromomethane	1.63	94	46795	45.891	ug/l	96
6) Chloroethane	1.71	64	79586	45.520	ug/l	98
7) Trichlorofluoromethane	1.92	101	174860	48.021	ug/l	100
8) Diethyl Ether	2.18	74	70747	47.410	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102060	46.018	ug/l	94
10) Methyl Iodide	2.50	142	109534	47.189	ug/l	96
11) Tert butyl alcohol	3.03	59	173686	236.384	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97328	44.816	ug/l	96
13) Acrolein	2.28	56	80314	198.421	ug/l	99
14) Allyl chloride	2.72	41	206756	47.986	ug/l	97
15) Acrylonitrile	3.13	53	333864	223.968	ug/l	99
16) Acetone	2.43	43	419841	269.481	ug/l	99
17) Carbon Disulfide	2.56	76	271970	44.671	ug/l	99
18) Methyl Acetate	2.76	43	163126	44.467	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	390926	47.557	ug/l	97
20) Methylene Chloride	2.84	84	120398	45.690	ug/l	95
21) trans-1,2-Dichloroethene	3.15	96	111100	46.177	ug/l	99
22) Diisopropyl ether	3.84	45	396407	47.613	ug/l	95
23) Vinyl Acetate	3.80	43	1747749	239.381	ug/l	99
24) 1,1-Dichloroethane	3.69	63	211690	46.776	ug/l	98
25) 2-Butanone	4.65	43	539987	241.725	ug/l	98
26) 2,2-Dichloropropane	4.56	77	192128	47.733	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	127810	45.783	ug/l	98
28) Bromochloromethane	5.00	49	77058	46.894	ug/l	99
29) Tetrahydrofuran	5.11	42	302858	222.434	ug/l	97
30) Chloroform	5.19	83	215362	46.514	ug/l	99
31) Cyclohexane	5.56	56	193947	47.372	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	192501	46.912	ug/l	99
36) 1,1-Dichloropropene	5.79	75	161806	48.443	ug/l	99
37) Ethyl Acetate	4.81	43	182540	46.746	ug/l	99
38) Carbon Tetrachloride	5.77	117	166709	49.133	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	196808	48.944	ug/l	99
40) Benzene	6.13	78	472274	48.055	ug/l	97
41) Methacrylonitrile	5.03	41	102988	47.006	ug/l	96
42) 1,2-Dichloroethane	6.18	62	180402	48.340	ug/l	99
43) Isopropyl Acetate	6.43	43	306660	46.959	ug/l	99
44) Trichloroethene	7.20	130	118563	47.191	ug/l	90
45) 1,2-Dichloropropane	7.50	63	120497	47.890	ug/l	99
46) Dibromomethane	7.65	93	80777	47.152	ug/l	96
47) Bromodichloromethane	7.89	83	167708	48.982	ug/l	98
48) Methyl methacrylate	7.76	41	149567	47.765	ug/l	95
49) 1,4-Dioxane	7.73	88	68234	960.735	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	937577	232.587	ug/l	97
52) Toluene	8.78	92	303590	49.150	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	190655	50.329	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	204487	49.440	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	119191	48.536	ug/l	97
56) Ethyl methacrylate	9.17	69	203758	49.389	ug/l	95
57) 1,3-Dichloropropane	9.36	76	205716	47.864	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	485820	262.340	ug/l	98
59) 2-Hexanone	9.48	43	769856	249.504	ug/l	96
60) Dibromochloromethane	9.57	129	124163	49.947	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122640	47.987	ug/l	98
64) Tetrachloroethene	9.33	164	109632	51.192	ug/l	96
65) Chlorobenzene	10.14	112	311676	48.186	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	114291	48.768	ug/l	99
67) Ethyl Benzene	10.25	91	579443	49.391	ug/l	100
68) m/p-Xylenes	10.35	106	433725	98.693	ug/l	99
69) o-Xylene	10.70	106	210206	49.432	ug/l	98
70) Styrene	10.71	104	367735	51.585	ug/l	99
71) Bromoform	10.85	173	82467	50.536	ug/l #	98
73) Isopropylbenzene	11.01	105	569549	47.663	ug/l	100
74) N-amyl acetate	10.89	43	277205	48.626	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	185670	46.916	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	184516m	47.543	ug/l	
77) Bromobenzene	11.25	156	125719	46.485	ug/l	94
78) n-propylbenzene	11.35	91	657100	48.844	ug/l	99
79) 2-Chlorotoluene	11.42	91	399554	47.610	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	490934	48.992	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65379	48.277	ug/l	98
82) 4-Chlorotoluene	11.51	91	466469	48.759	ug/l	97
83) tert-Butylbenzene	11.76	119	464350	48.038	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	491894	48.661	ug/l	99
85) sec-Butylbenzene	11.94	105	554536	49.323	ug/l	99
86) p-Isopropyltoluene	12.06	119	513347	50.602	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	235653	48.418	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	240823	48.966	ug/l	99
89) n-Butylbenzene	12.38	91	450482	50.393	ug/l	99
90) Hexachloroethane	12.59	117	88946	49.179	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	237395	48.720	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	47834	48.319	ug/l	96

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QLast Update : Mon Sep 23 12:27:01 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	150773	50.738	ug/l	98
94) Hexachlorobutadiene	13.78	225	66066	51.679	ug/l	99
95) Naphthalene	13.83	128	551029	51.252	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	148244	49.801	ug/l	99

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

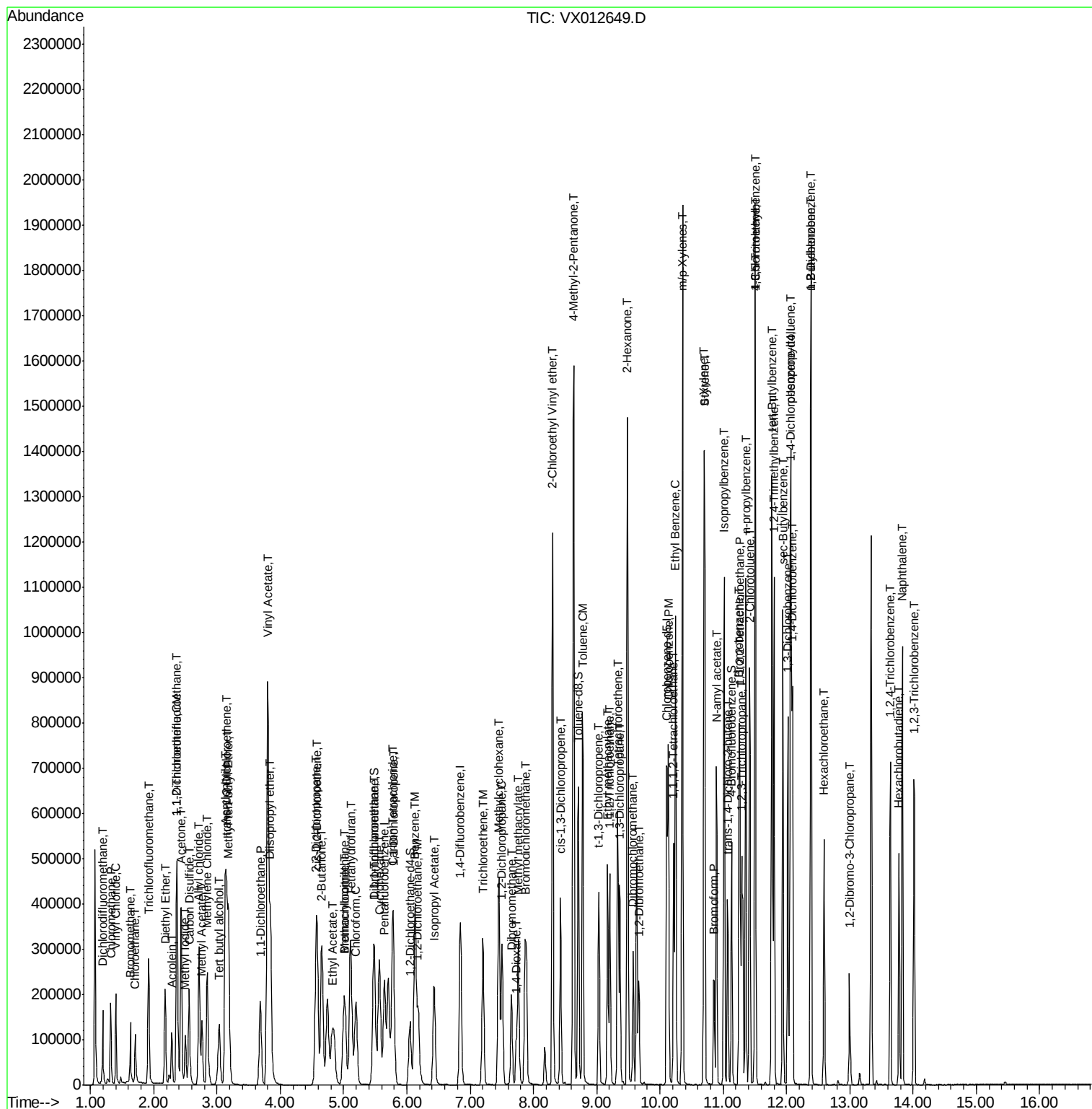
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092519\
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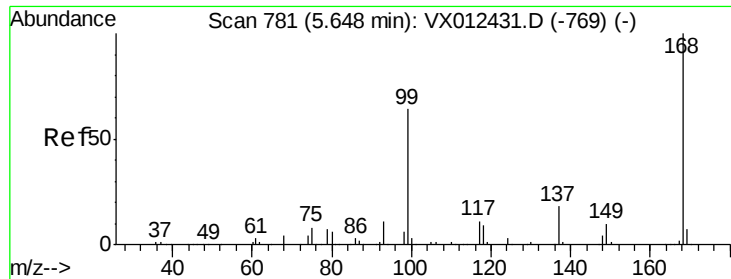
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 201987

Ion Ratio Lower Upper

168 100

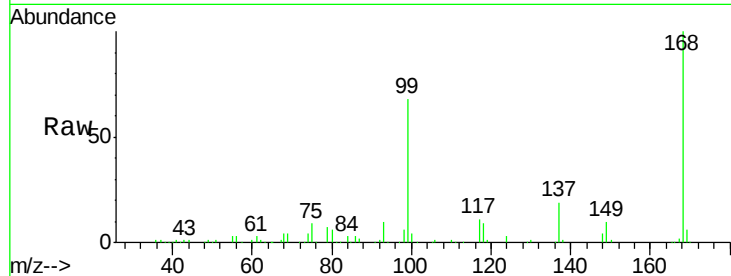
99 68.0 51.4 77.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

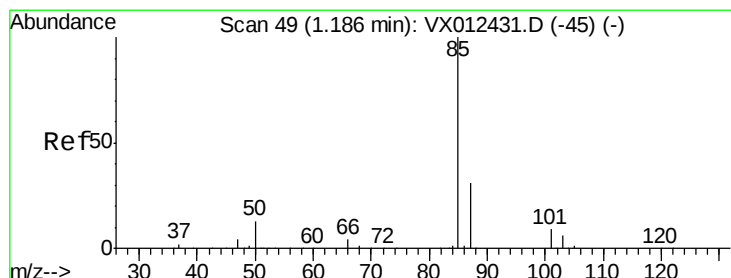
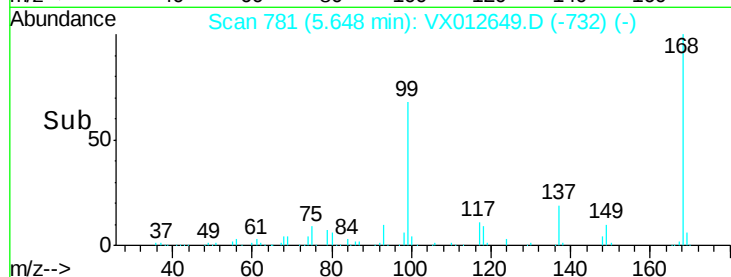
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 46.258 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012649.D

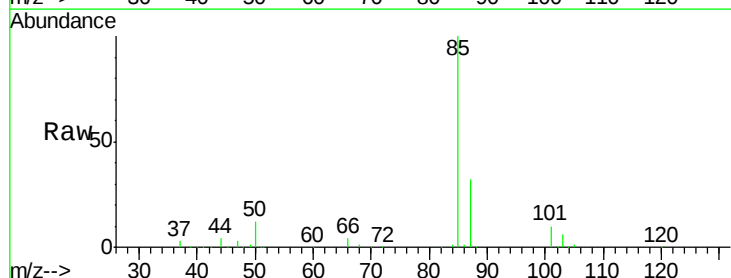
Acq: 25 Sep 2019 10:09

Tgt Ion: 85 Resp: 105111

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

100000

80000

60000

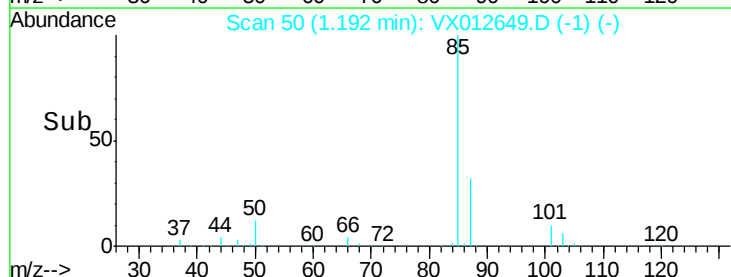
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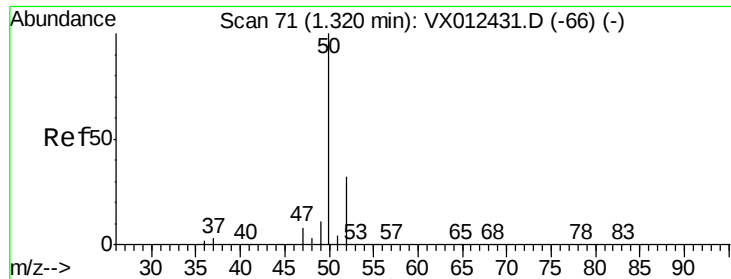
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.106 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 115085

Ion Ratio Lower Upper

50 100

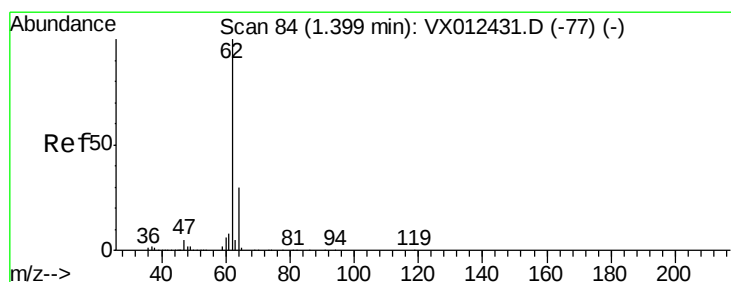
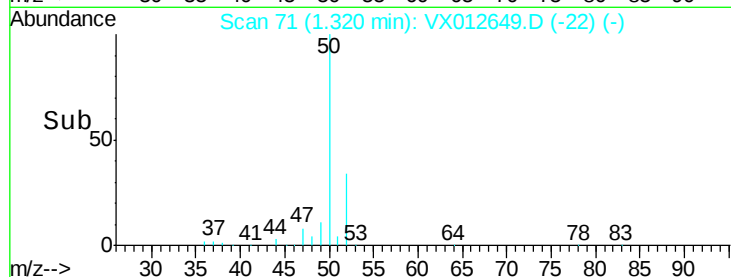
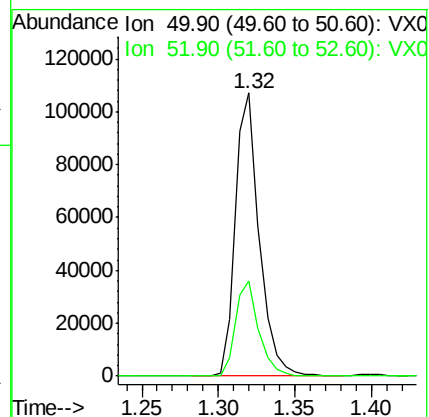
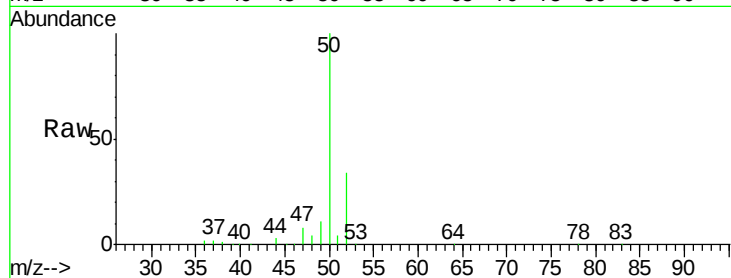
52 33.7 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.005 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012649.D

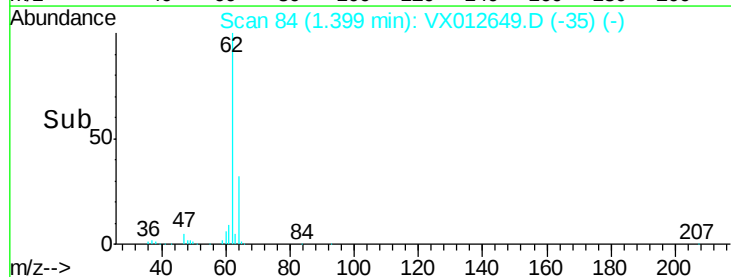
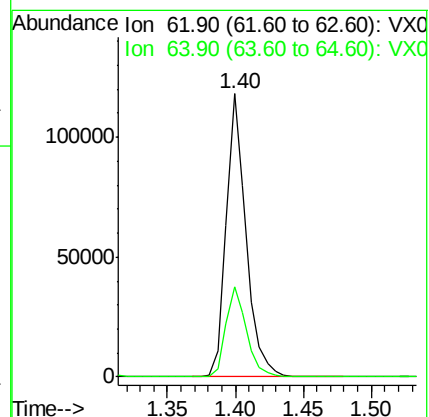
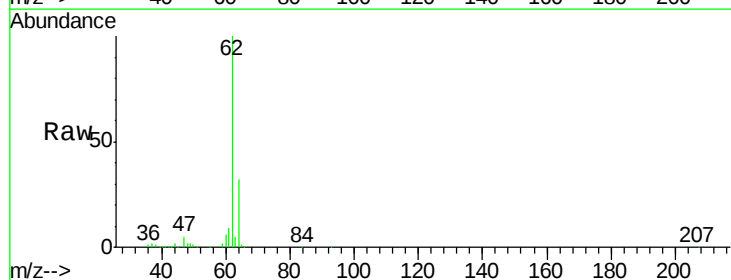
Acq: 25 Sep 2019 10:09

Tgt Ion: 62 Resp: 119313

Ion Ratio Lower Upper

62 100

64 31.7 24.2 36.2





#5

Bromomethane

Concen: 45.891 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 46795

Ion Ratio Lower Upper

94 100

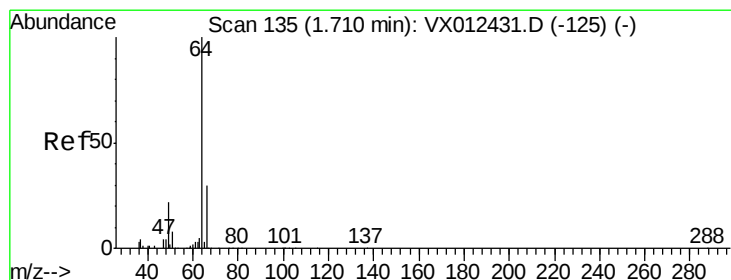
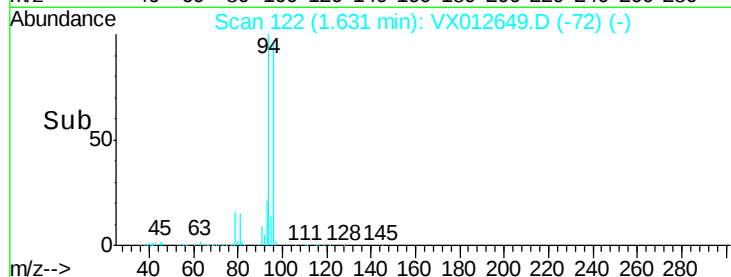
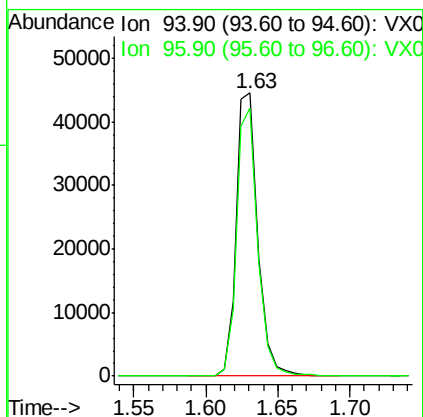
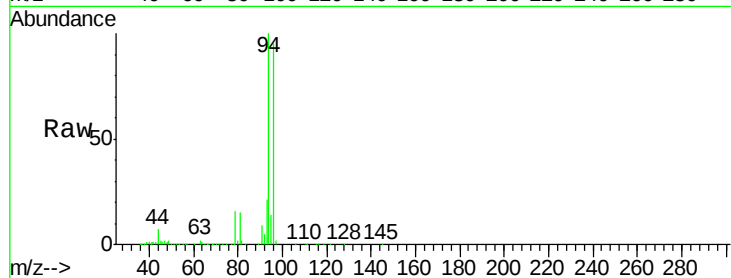
96 94.6 72.8 109.2

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#6

Chloroethane

Concen: 45.520 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012649.D

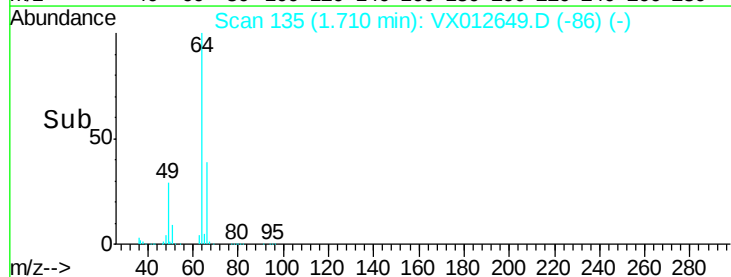
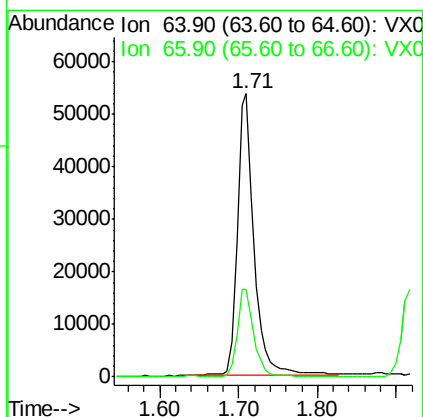
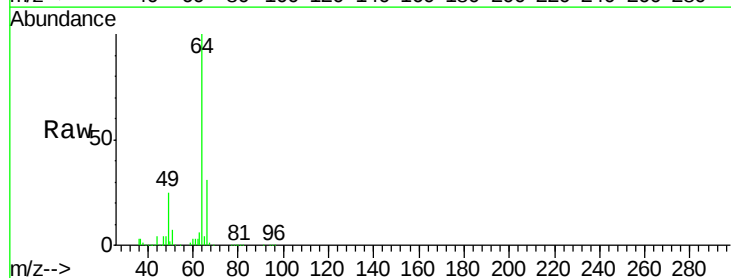
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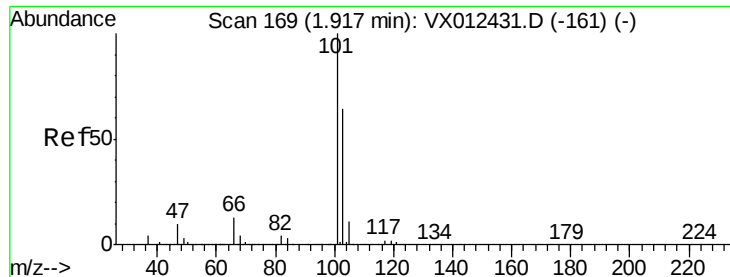
Tgt Ion: 64 Resp: 79586

Ion Ratio Lower Upper

64 100

66 31.1 24.0 36.0





#7

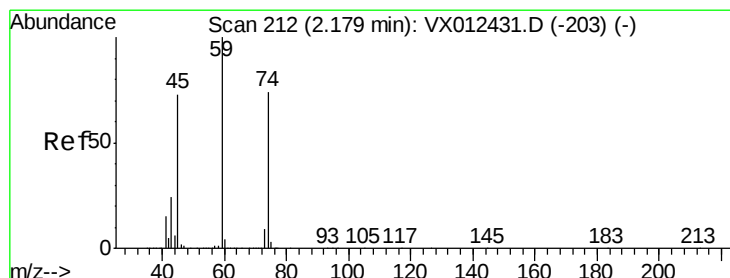
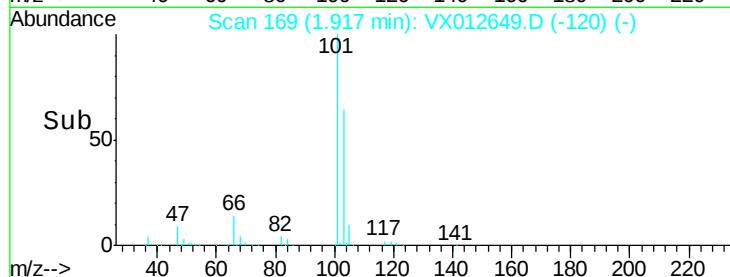
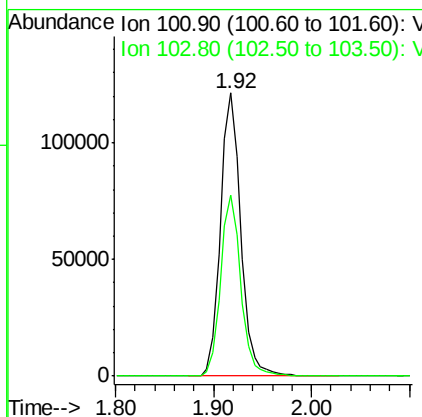
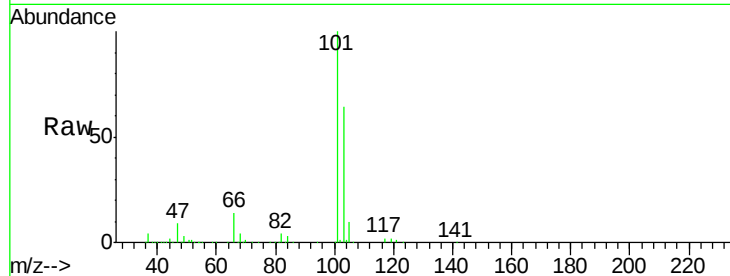
Trichlorofluoromethane
 Concen: 48.021 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.0	76.4

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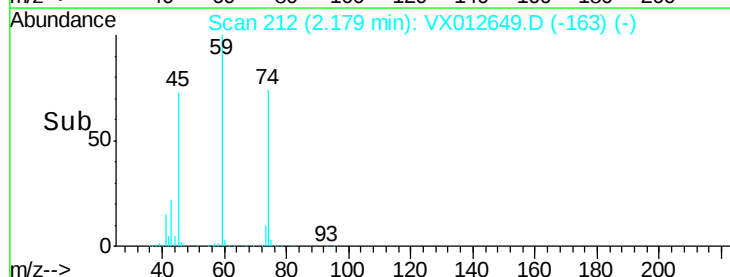
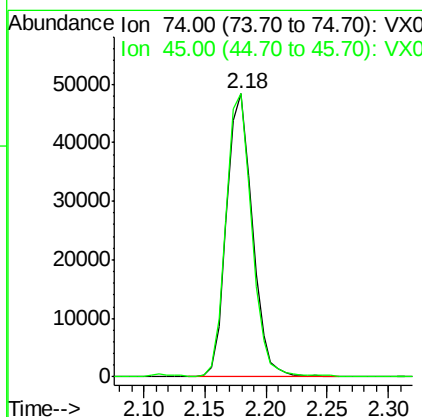
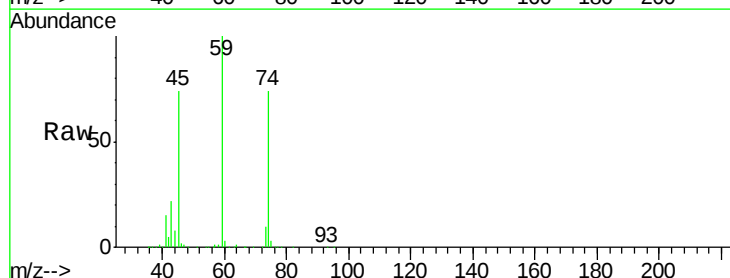
MMDadoda
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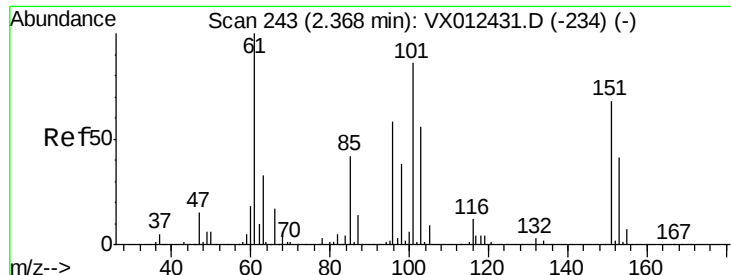


#8

Diethyl Ether
 Concen: 47.410 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012649.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.6	49.9	149.7





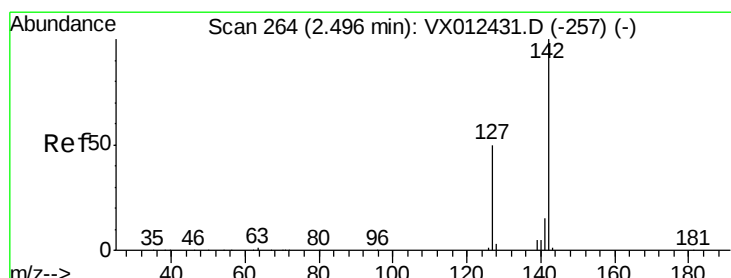
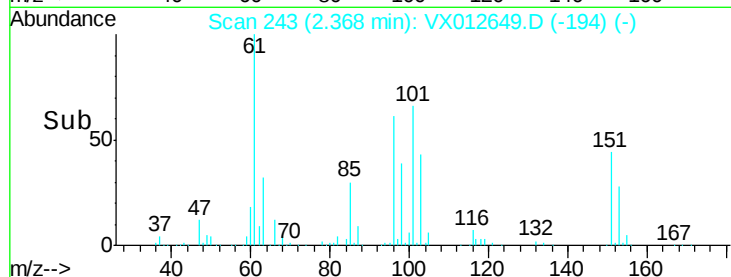
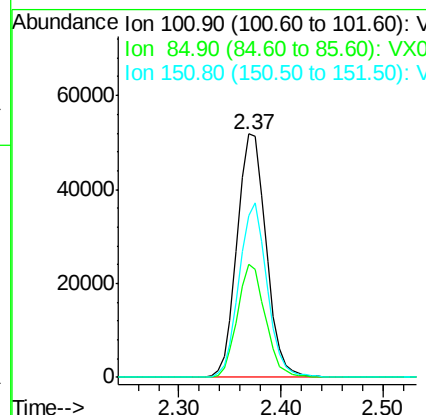
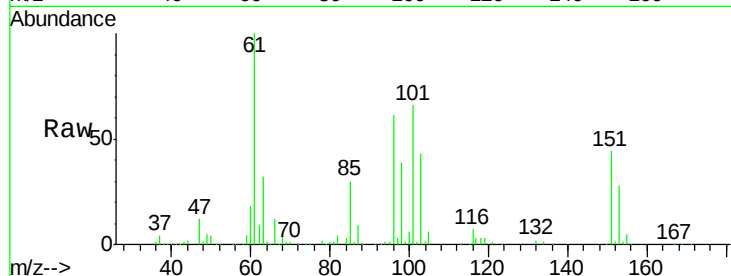
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.018 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
101	100	102060		
85	44.9	37.3	55.9	
151	69.4	61.0	91.4	

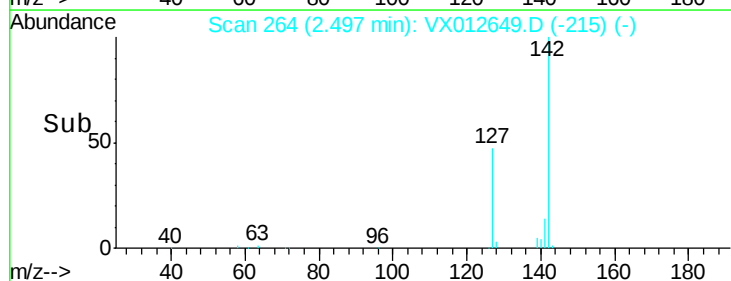
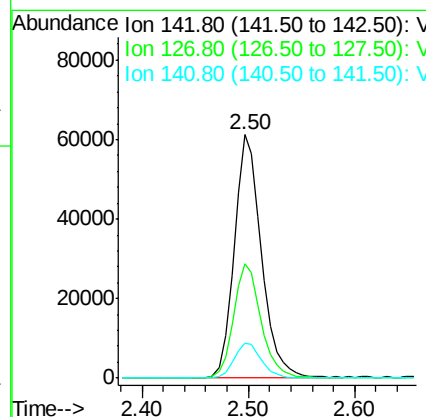
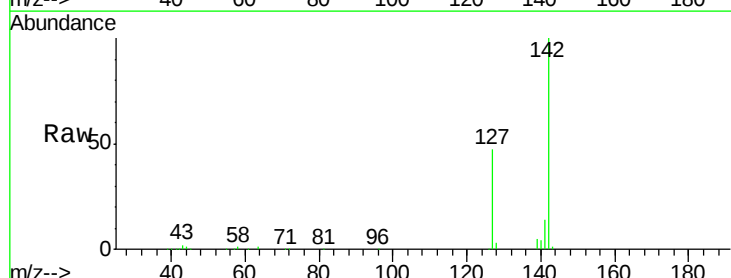
Manual Integrations
APPROVED

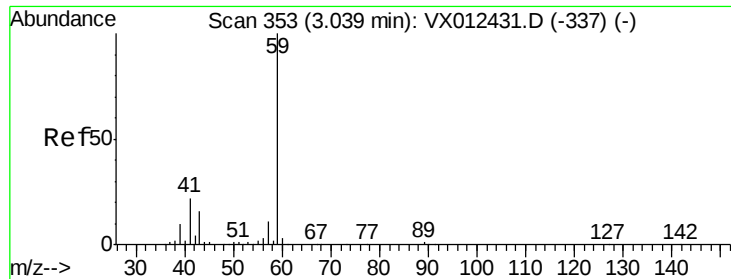
MMDadoda
9/26/2019 9:33:30 AM



#10
Methyl Iodide
Concen: 47.189 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	109534		
127	47.3	40.8	61.2	
141	14.5	12.1	18.1	





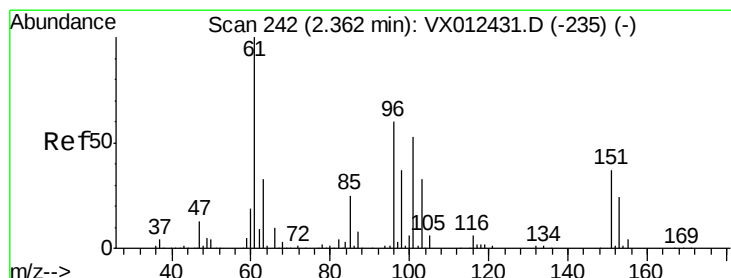
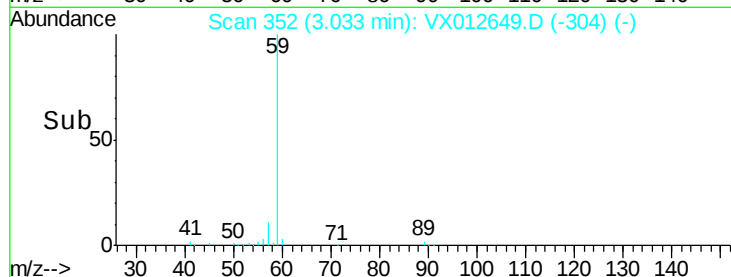
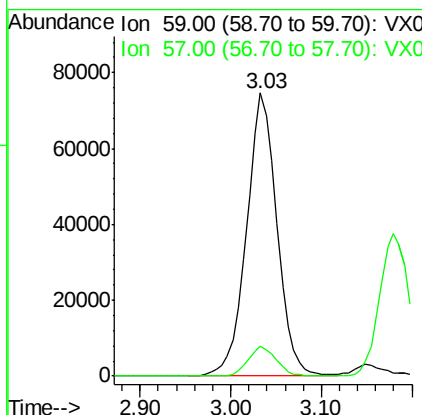
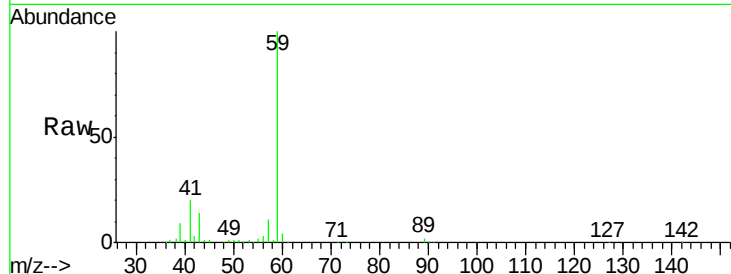
#11
Tert butyl alcohol
Concen: 236.384 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.3	12.5

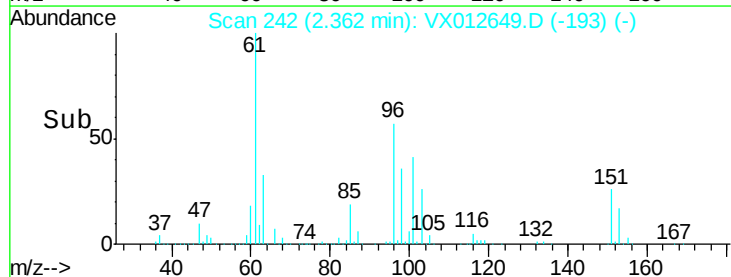
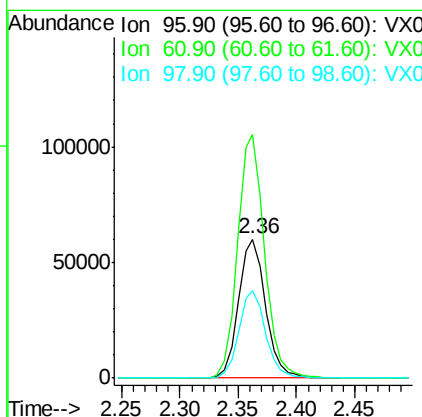
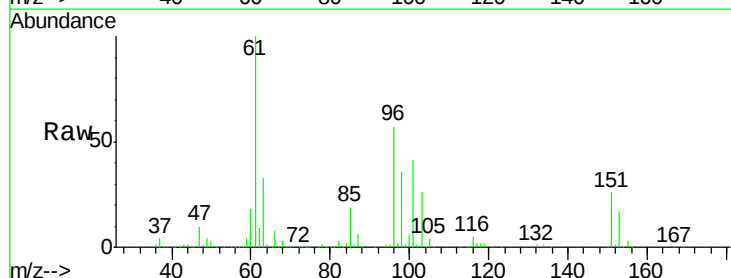
Manual Integrations
APPROVED

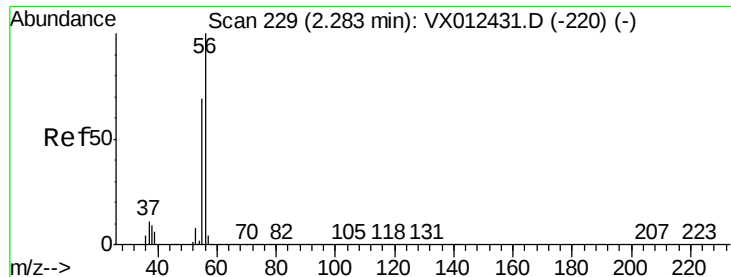
MMDadoda
9/26/2019 9:33:30 AM



#12
1,1-Dichloroethene
Concen: 44.816 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.2	133.8	200.6
98	62.5	49.9	74.9





#13

Acrolein

Concen: 198.421 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 80314

Ion Ratio Lower Upper

56 100

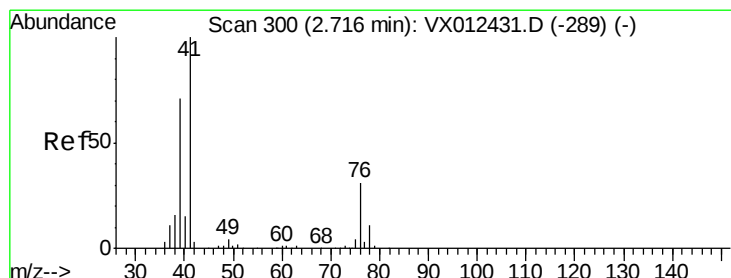
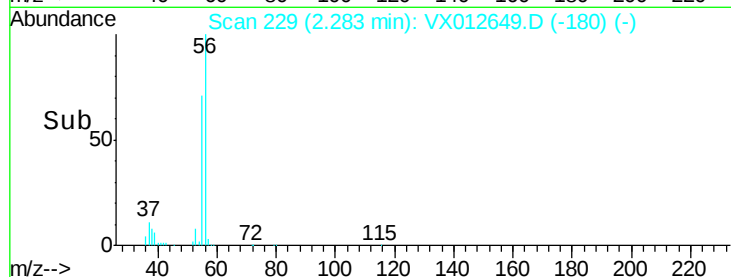
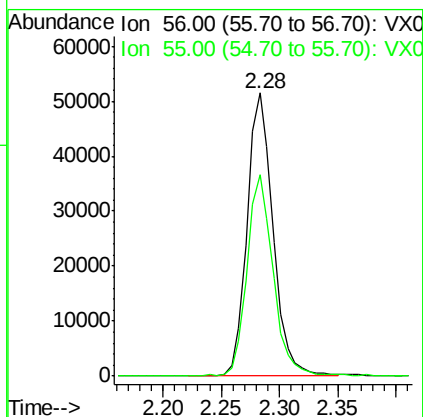
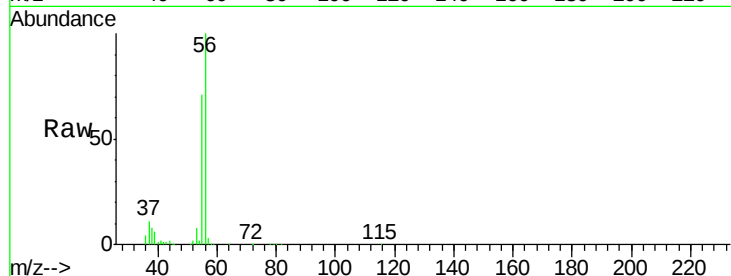
55 70.7 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 47.986 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

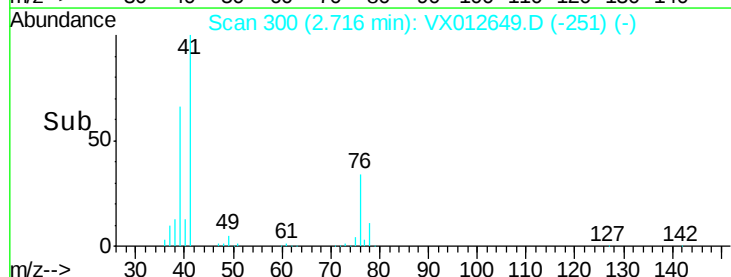
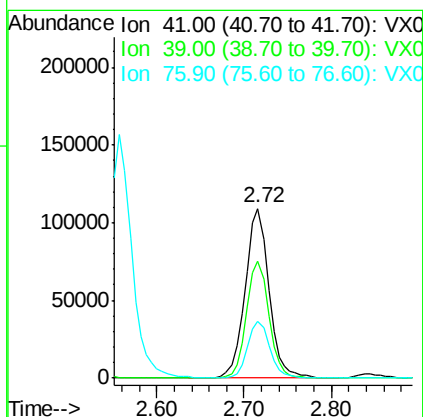
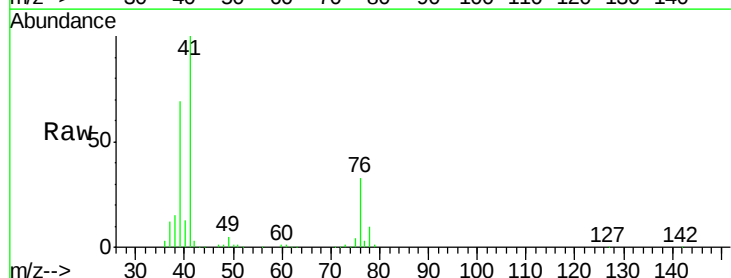
Tgt Ion: 41 Resp: 206756

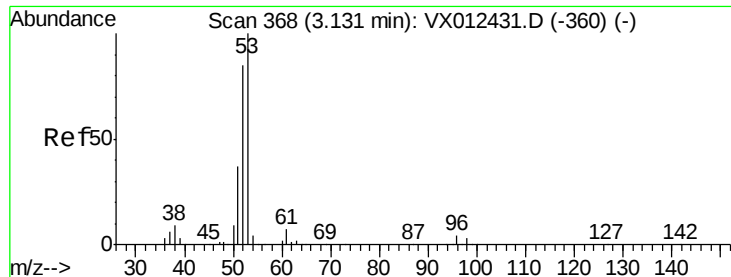
Ion Ratio Lower Upper

41 100

39 65.3 51.3 76.9

76 31.2 22.6 33.8





#15

Acrylonitrile

Concen: 223.968 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

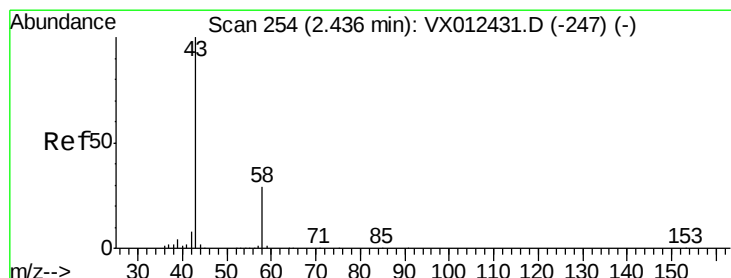
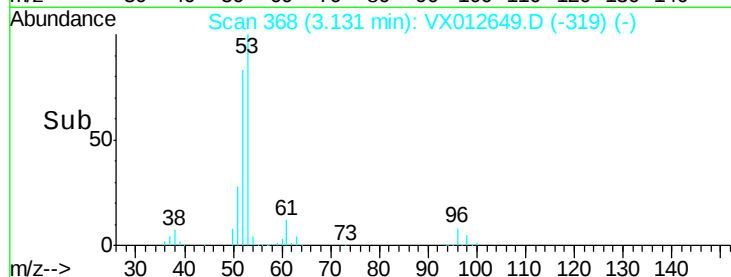
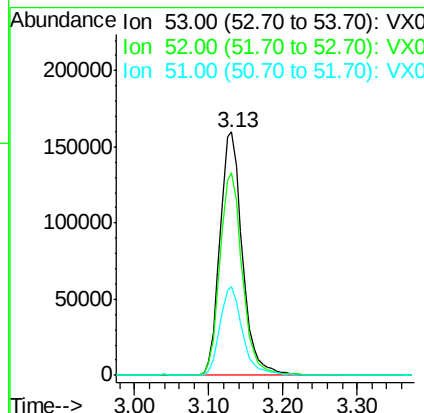
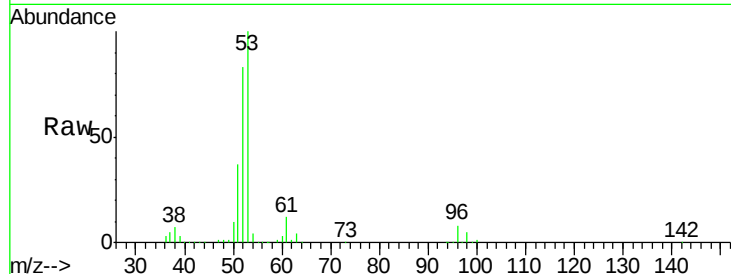
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	333864
Ion	Ratio	Lower	Upper
53	100		
52	82.8	67.0	100.4
51	36.7	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 269.481 ug/l

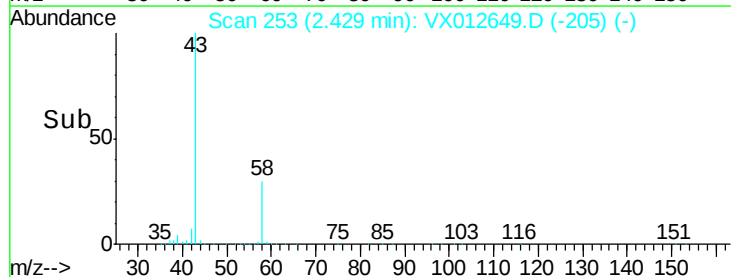
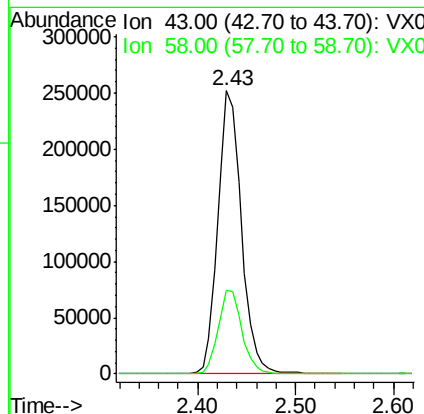
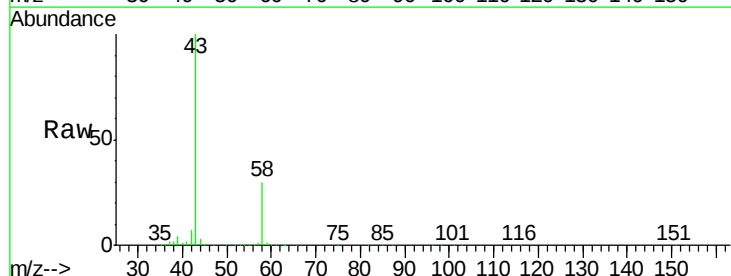
RT: 2.43 min Scan# 253

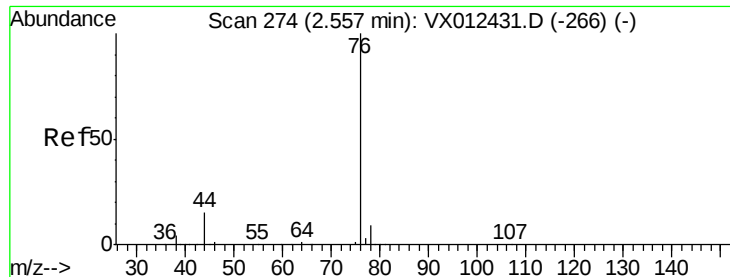
Delta R.T. -0.01 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Tgt Ion:	43	Resp:	419841
Ion	Ratio	Lower	Upper
43	100		
58	29.5	23.3	34.9





#17

Carbon Disulfide

Concen: 44.671 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 271970

Ion Ratio Lower Upper

76 100

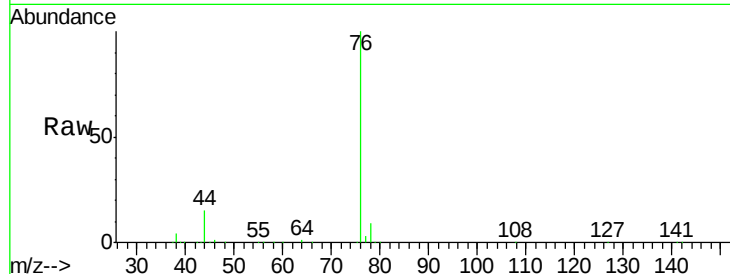
78 8.9 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

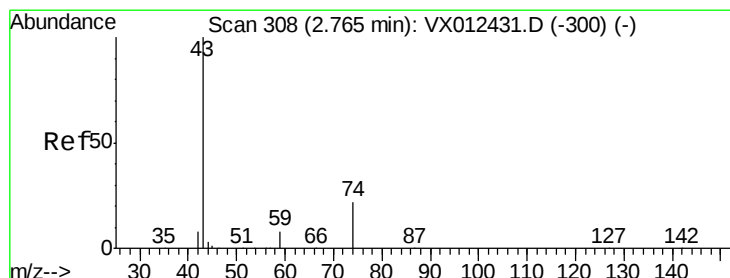
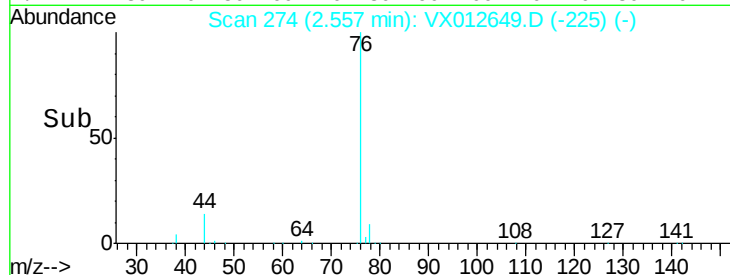
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 44.467 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012649.D

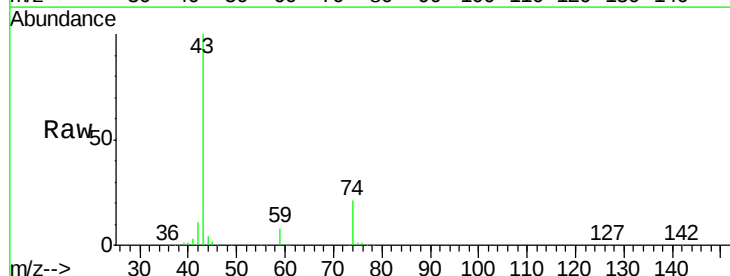
Acq: 25 Sep 2019 10:09

Tgt Ion: 43 Resp: 163126

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

100000

80000

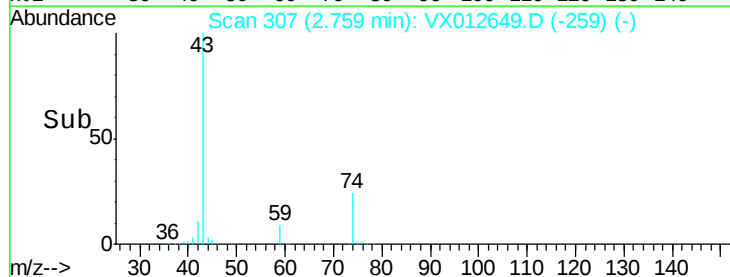
60000

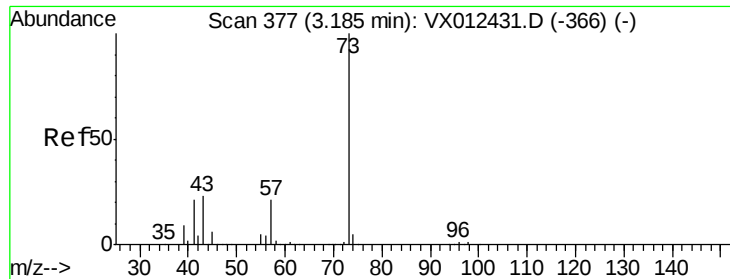
40000

20000

0

Time-->





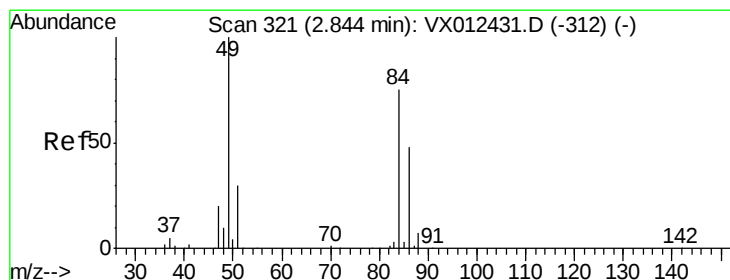
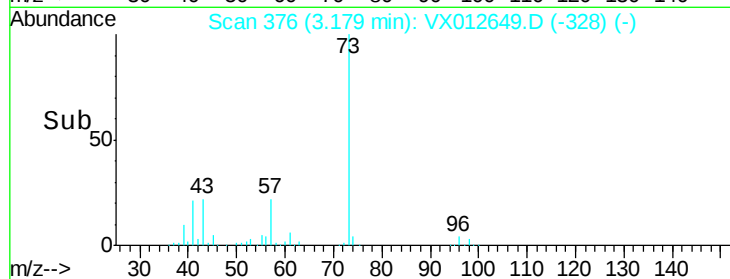
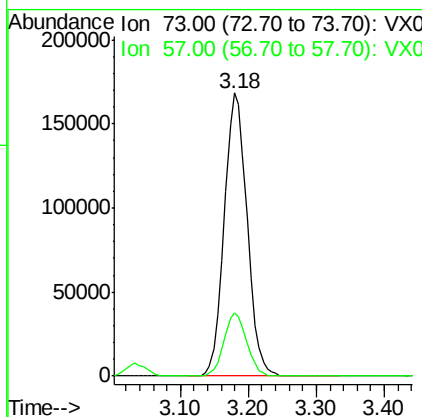
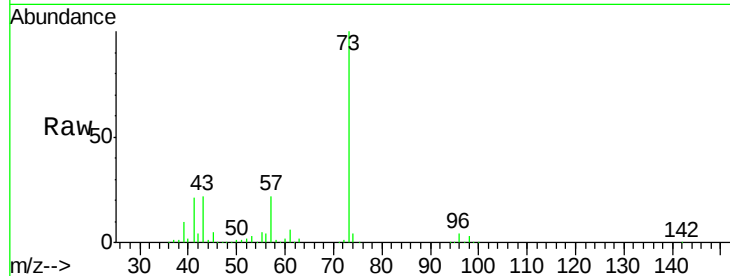
#19
Methvl tert-butvl Ether
Concen: 47.557 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	16.8	25.2

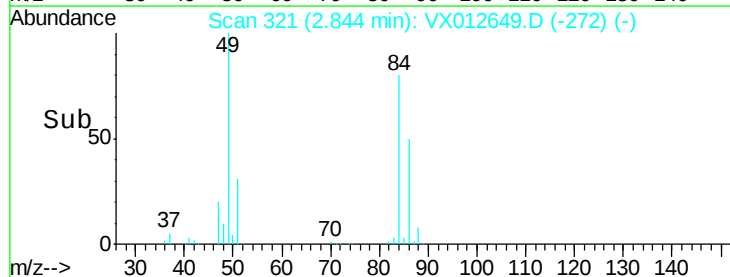
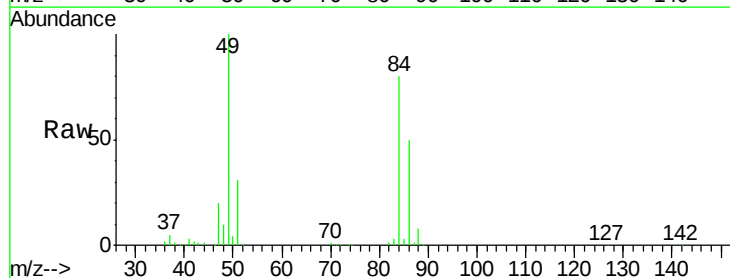
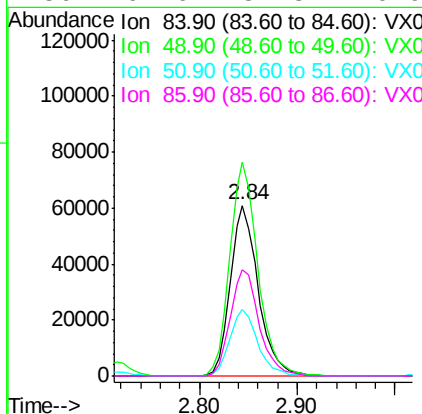
Manual Integrations
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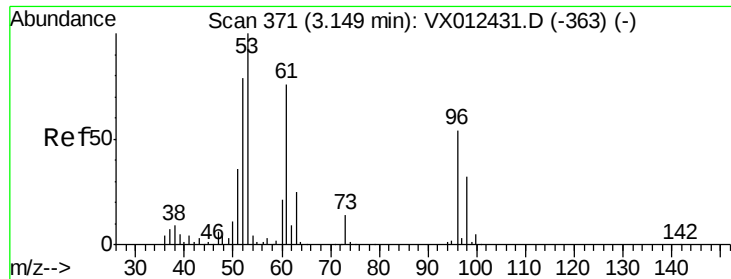
MMDadoda
9/26/2019 9:33:30 AM



#20
Methylene Chloride
Concen: 45.690 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.2	106.8	160.2
51	39.1	32.3	48.5
86	62.6	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 46.177 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

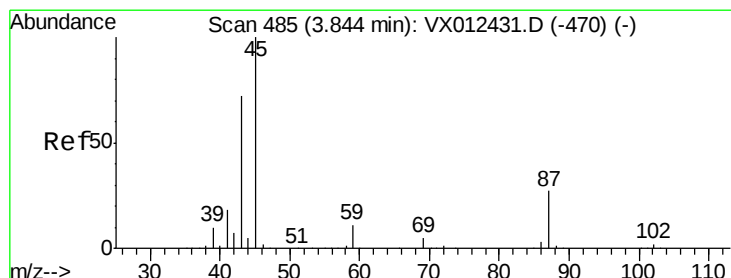
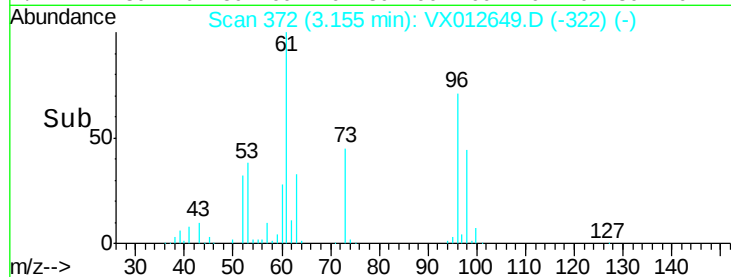
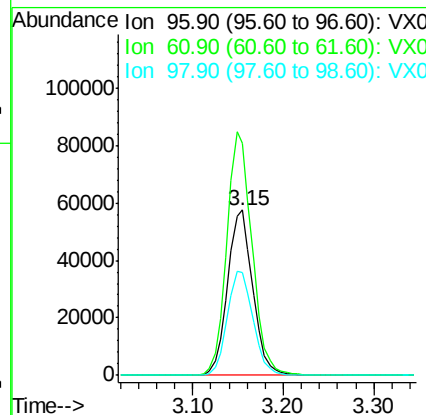
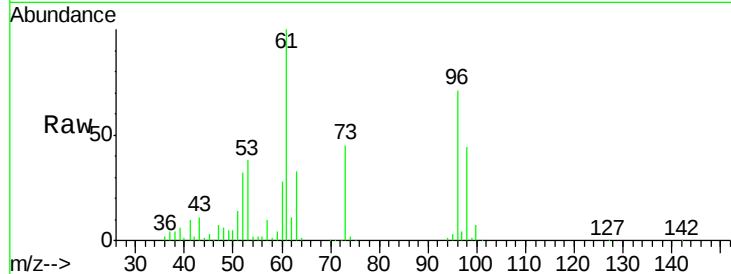
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	111100
Ion Ratio	Lower	Upper	
96	100		
61	140.4	112.0	168.0
98	62.0	47.8	71.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.613 ug/l

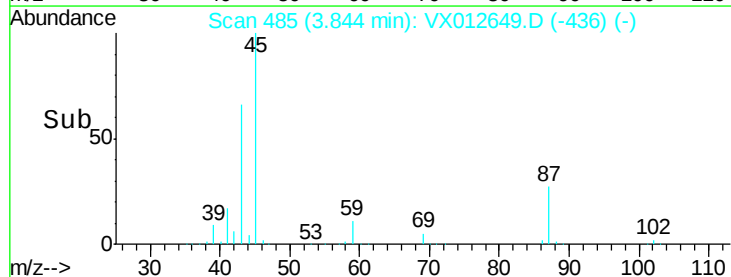
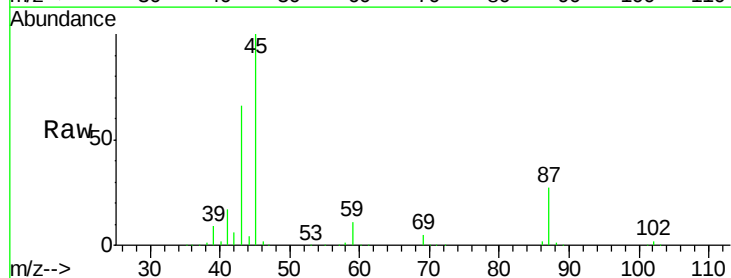
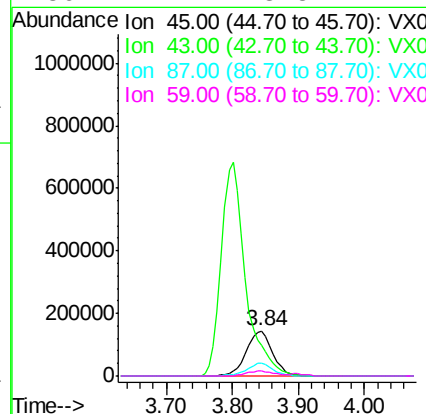
RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Tgt Ion:	45	Resp:	396407
Ion Ratio	Lower	Upper	
45	100		
43	66.2	57.8	86.8
87	27.5	21.3	31.9
59	11.4	8.5	12.7





#23

Vinyl Acetate

Concen: 239.381 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1747749

Ion Ratio Lower Upper

43 100

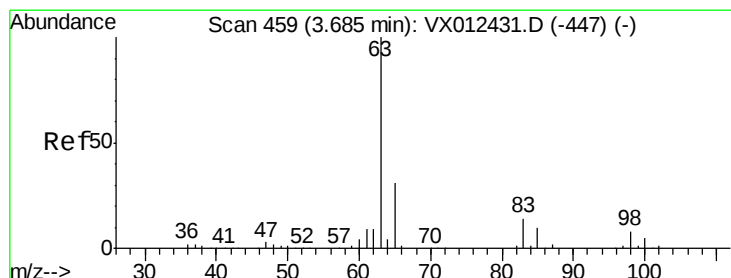
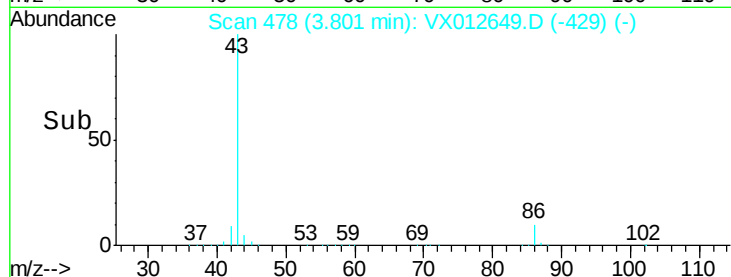
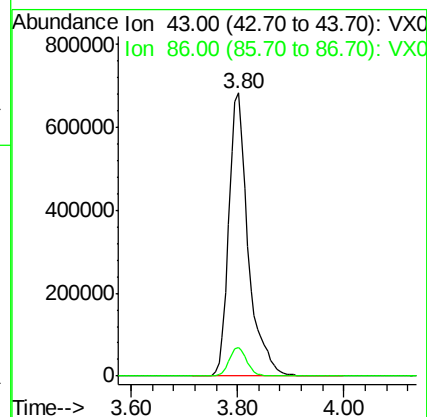
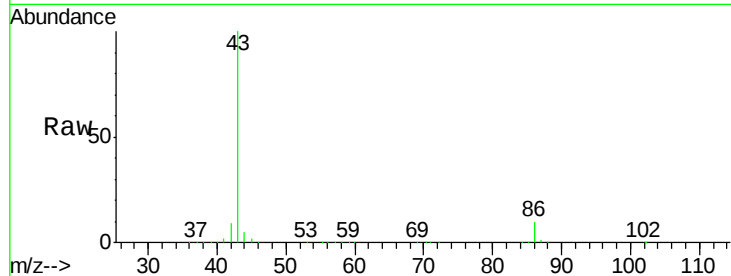
86 10.3 7.8 11.8

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 46.776 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

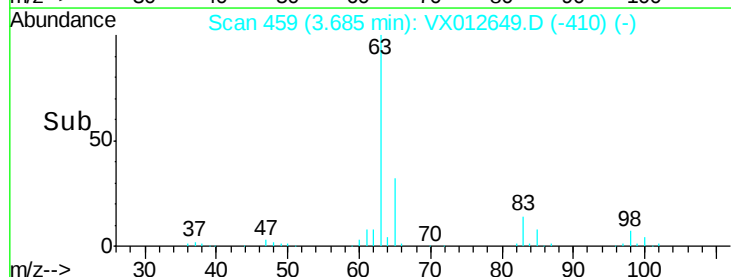
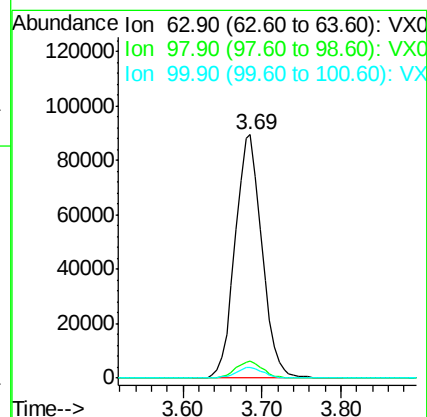
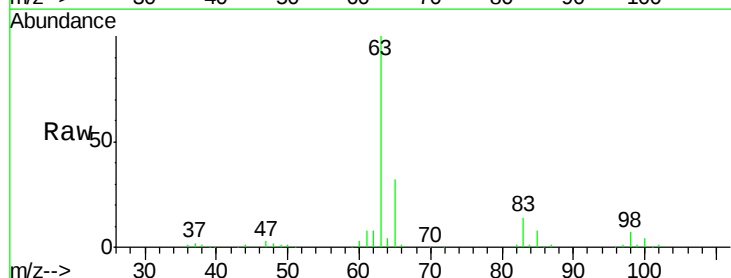
Tgt Ion: 63 Resp: 211690

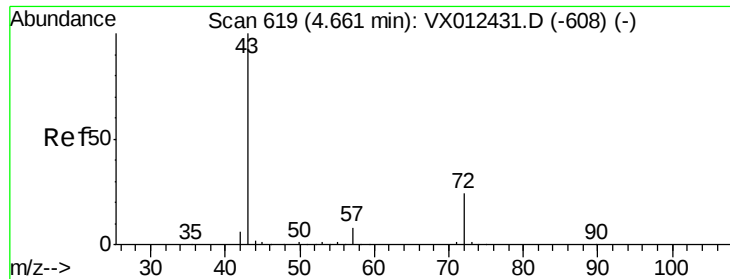
Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.7

100 4.3 2.3 6.9





#25

2-Butanone

Concen: 241.725 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 539987

Ion Ratio Lower Upper

43 100

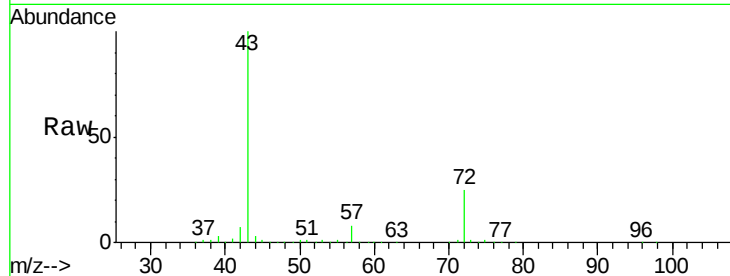
72 24.7 19.2 28.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

200000

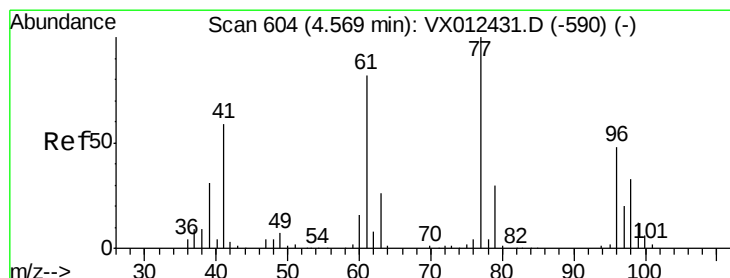
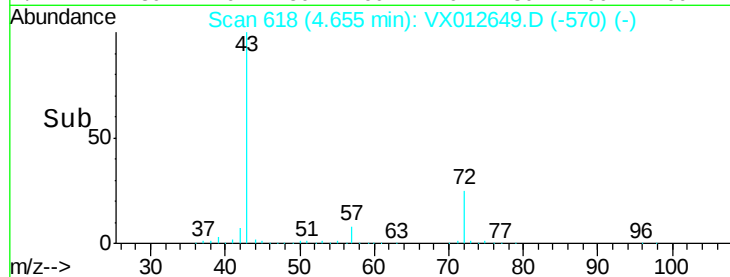
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.733 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012649.D

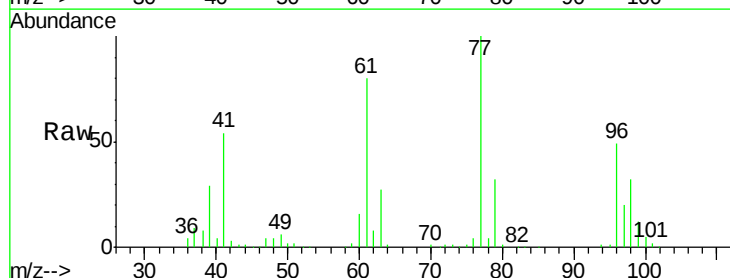
Acq: 25 Sep 2019 10:09

Tgt Ion: 77 Resp: 192128

Ion Ratio Lower Upper

77 100

97 21.7 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.56

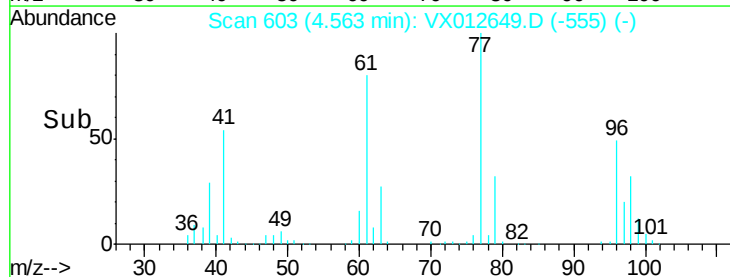
60000

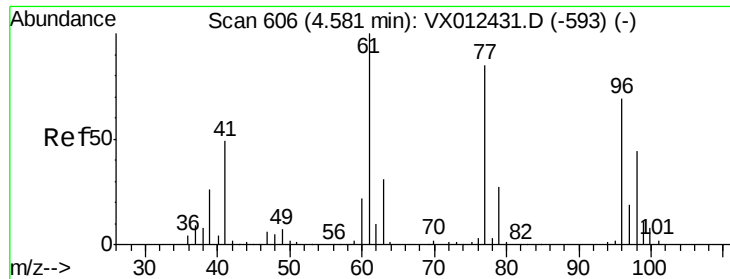
40000

20000

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Time-->





#27

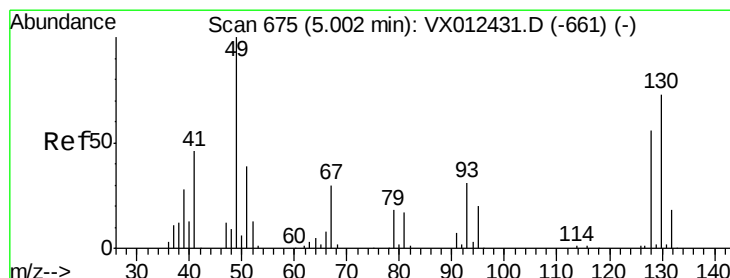
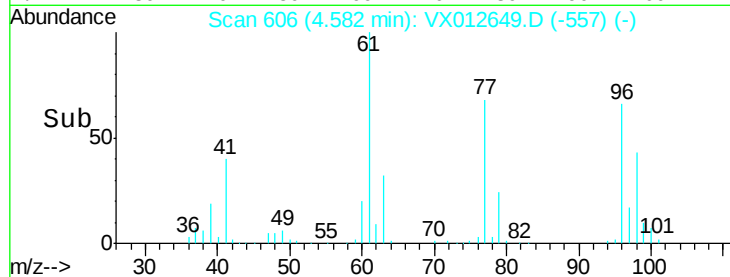
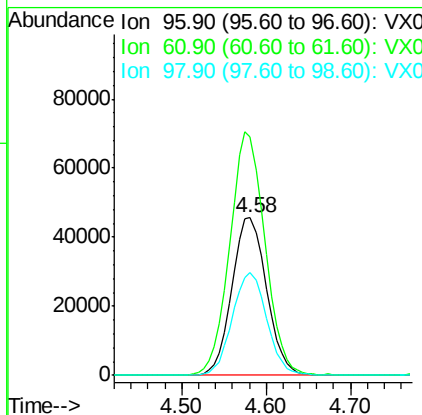
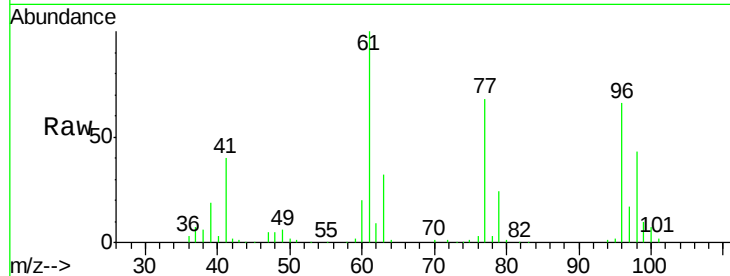
cis-1,2-Dichloroethene
Concen: 45.783 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127810		
61	156.3	0.0	319.4	
98	64.5	0.0	130.6	

Manual Integrations
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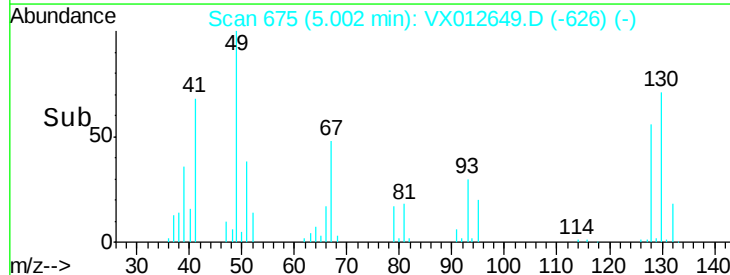
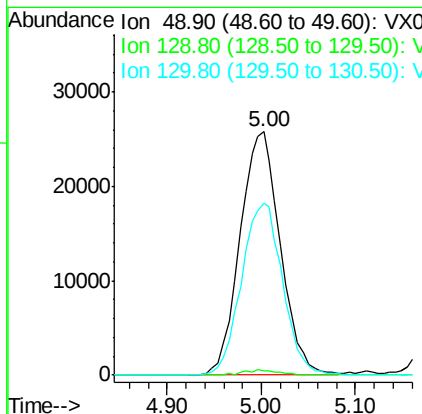
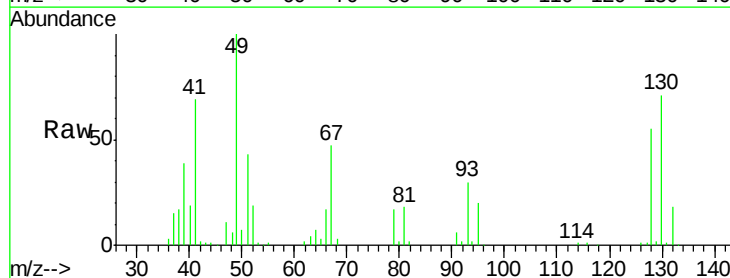
MMDadoda
9/26/2019 9:33:30 AM

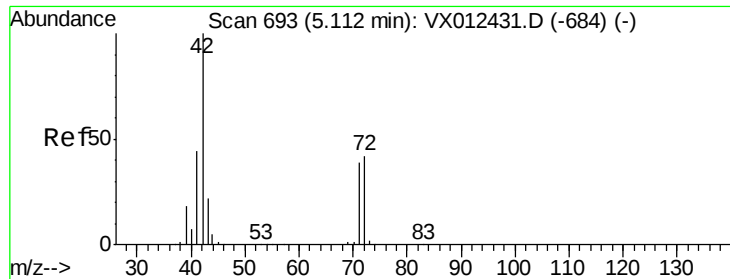


#28

Bromochloromethane
Concen: 46.894 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77058		
129	1.9	0.0	3.8	
130	72.2	58.2	87.4	





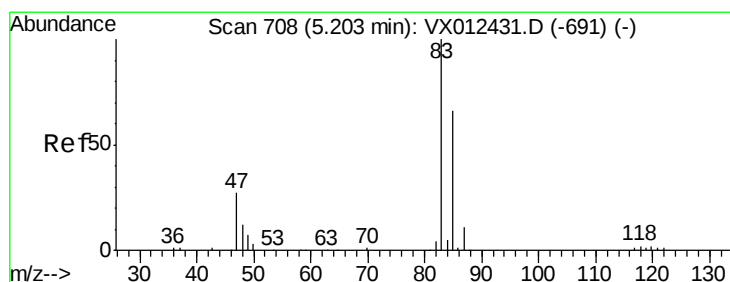
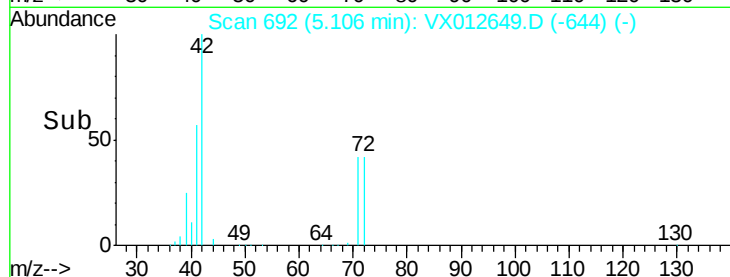
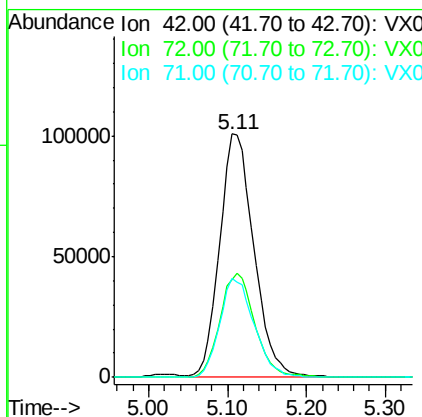
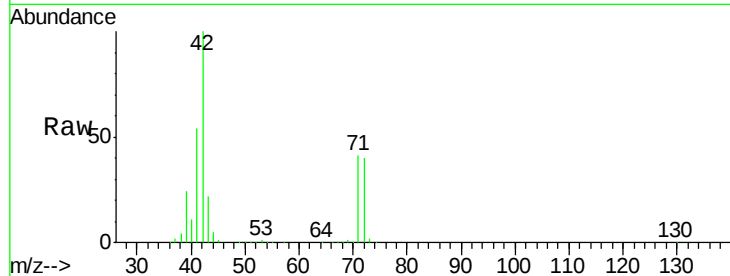
#29
Tetrahydrofuran
Concen: 222.434 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
42	100			
72	44.0	34.0	51.0	
71	41.2	31.5	47.3	

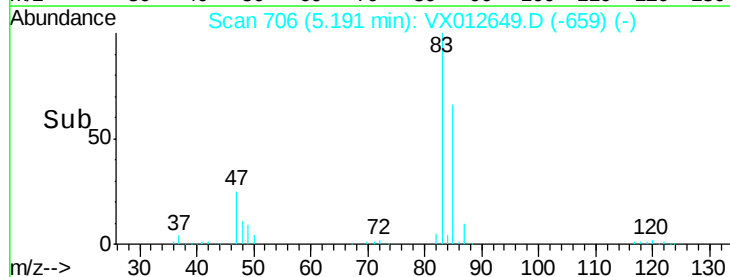
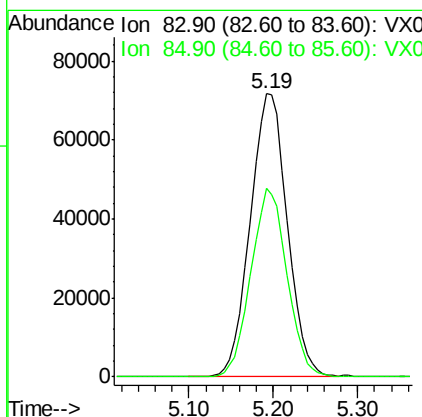
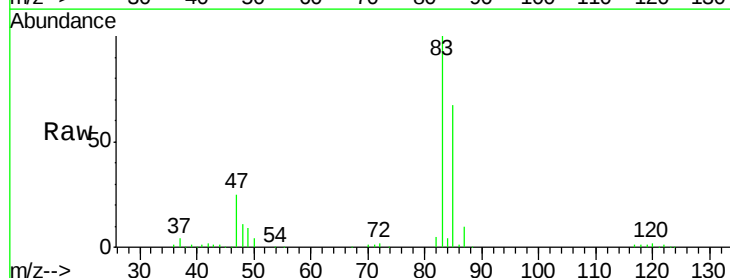
Manual Integrations
APPROVED

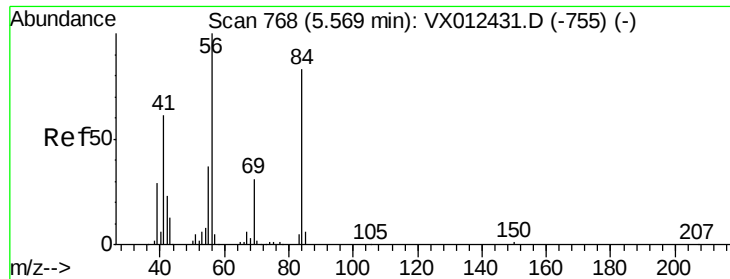
MMDadoda
9/26/2019 9:33:30 AM



#30
Chloroform
Concen: 46.514 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
85	66.8	53.0	79.4	





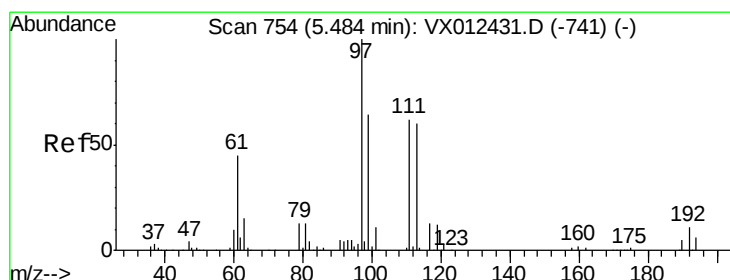
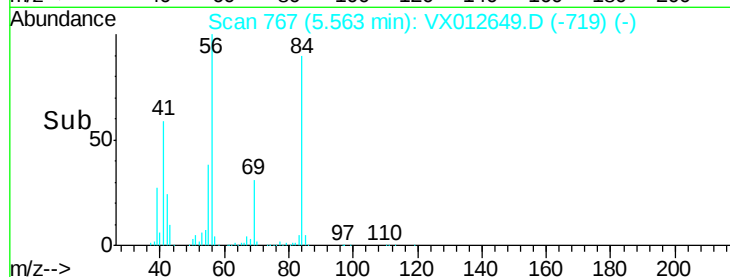
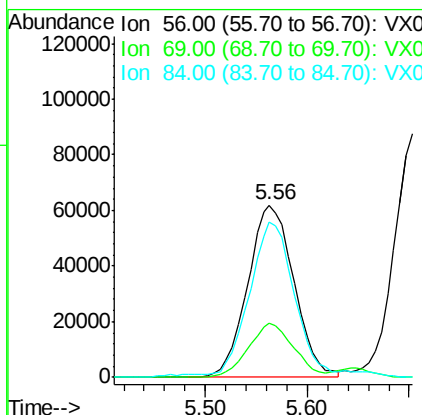
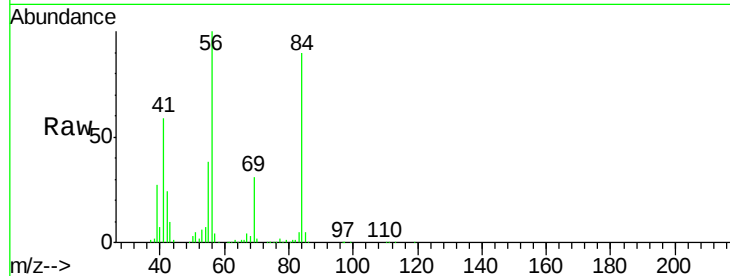
#31
Cyclohexane
Concen: 47.372 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.0	37.6
84	88.2	66.4	99.6

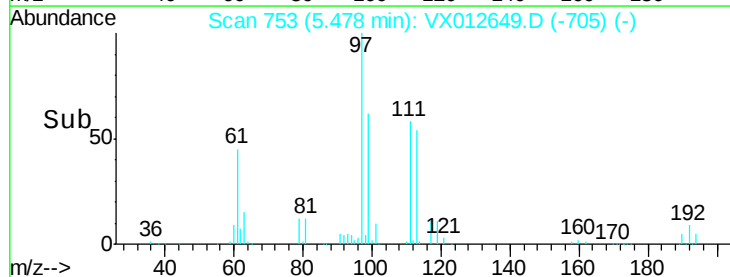
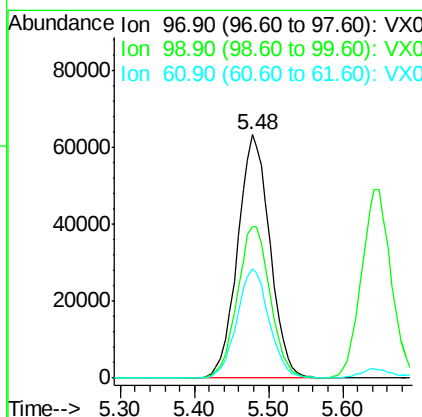
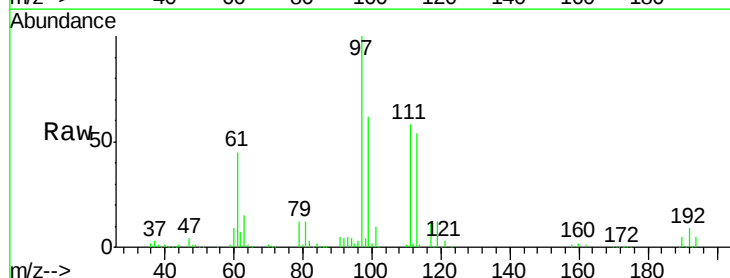
Manual Integrations
APPROVED

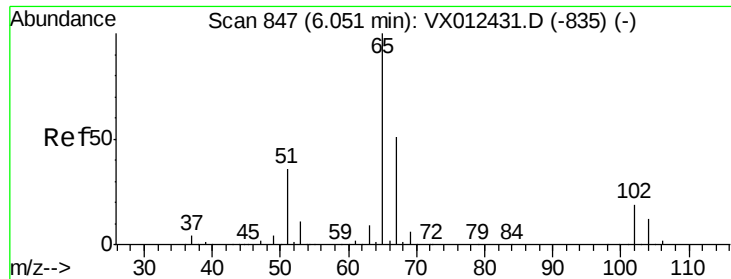
MMDadoda
9/26/2019 9:33:30 AM



#32
1,1,1-Trichloroethane
Concen: 46.912 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.3	76.9
61	44.8	36.1	54.1





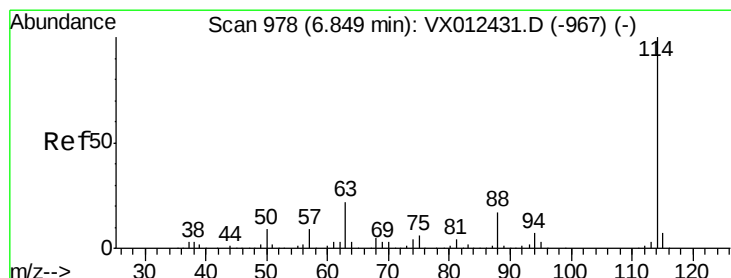
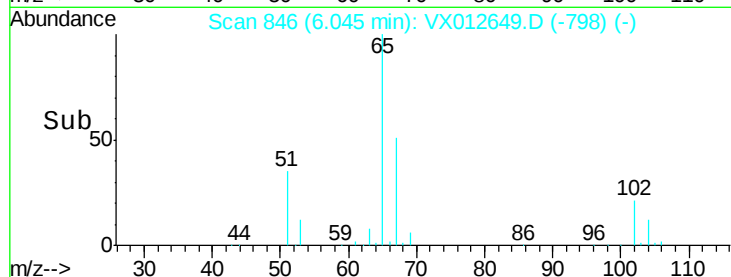
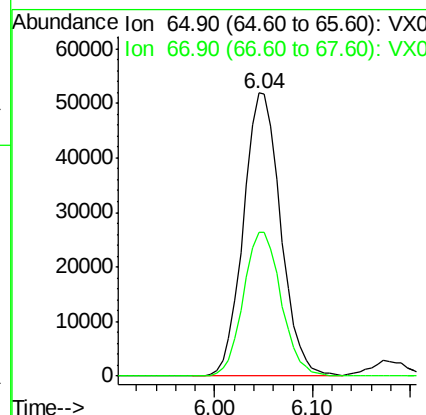
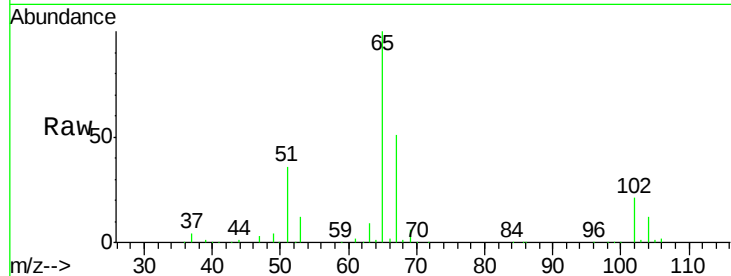
#33
 1,2-Dichloroethane-d4
 Concen: 46.781 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	137597		
67	51.5	0.0	101.2	

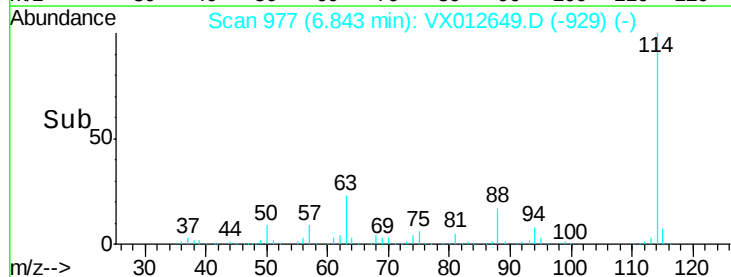
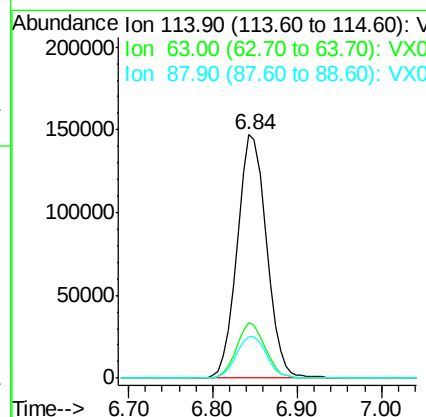
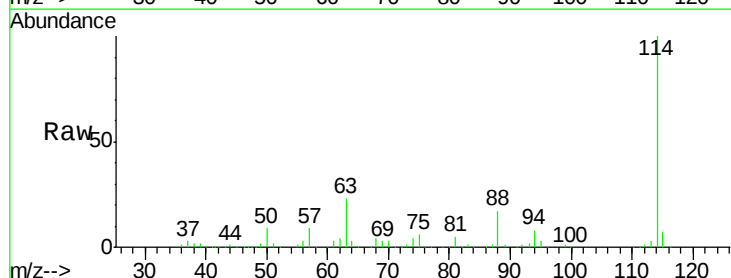
Manual Integrations
 APPROVED

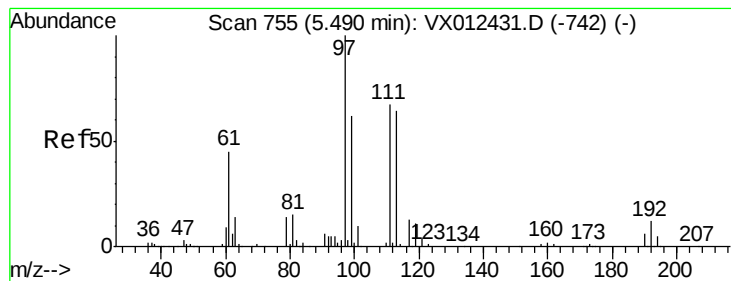
MMDadoda
 9/26/2019 9:33:30 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	346527		
63	22.9	0.0	43.2	
88	16.9	0.0	33.2	





#35

Dibromofluoromethane

Concen: 49.885 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

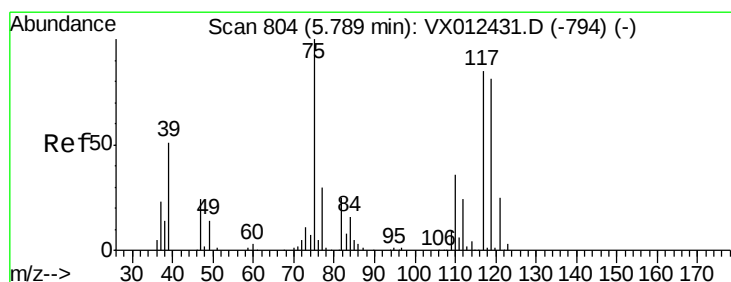
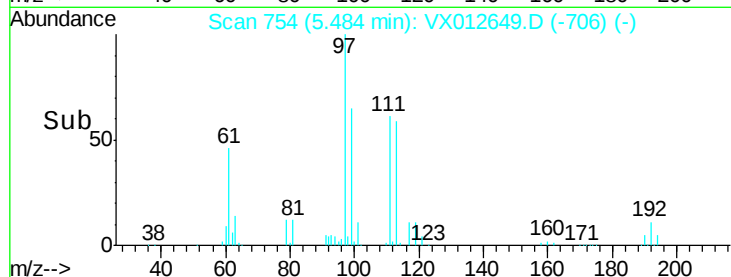
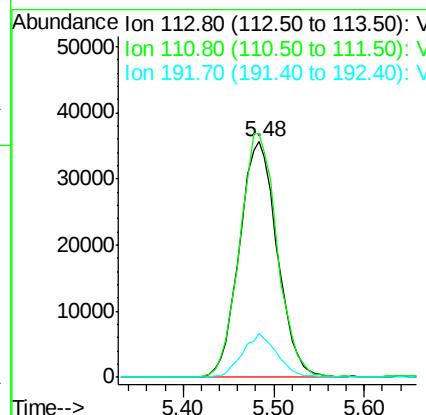
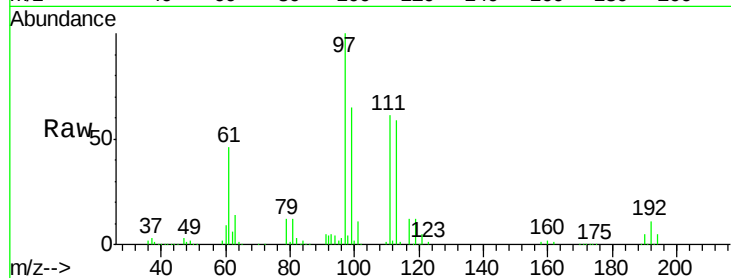
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	102949
Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.4	125.2
192	17.1	14.4	21.6

Manual Integrations
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9/26/2019 9:33:30 AM



#36

1,1-Dichloropropene

Concen: 48.443 ug/l

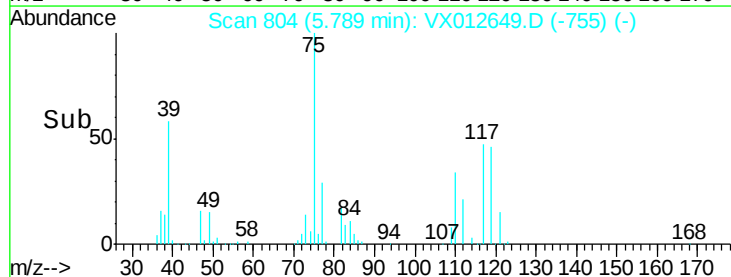
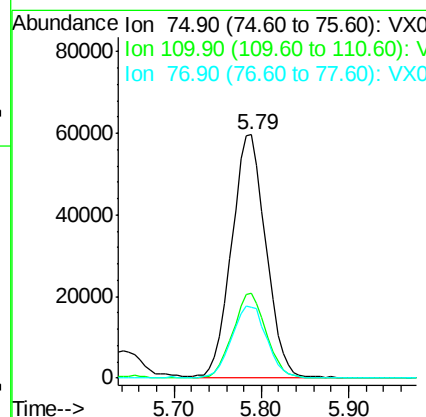
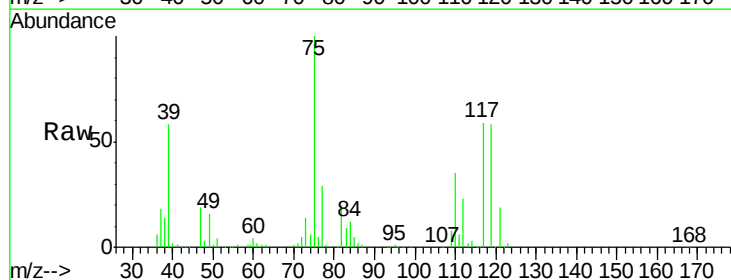
RT: 5.79 min Scan# 804

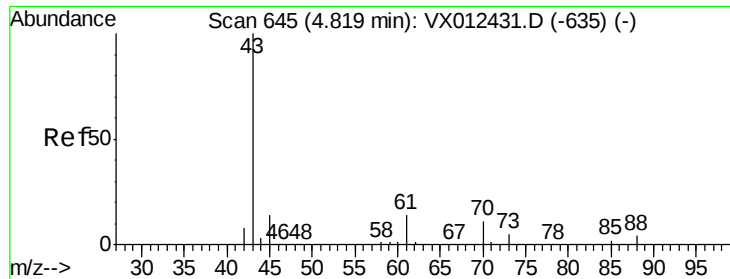
Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Tgt Ion:	75	Resp:	161806
Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.7	50.0
77	30.7	24.2	36.2





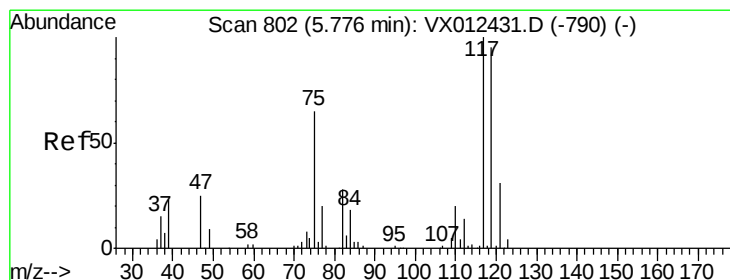
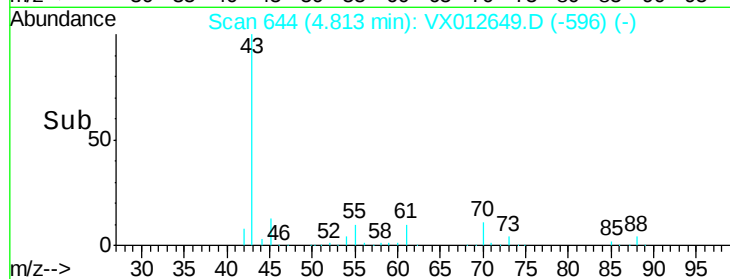
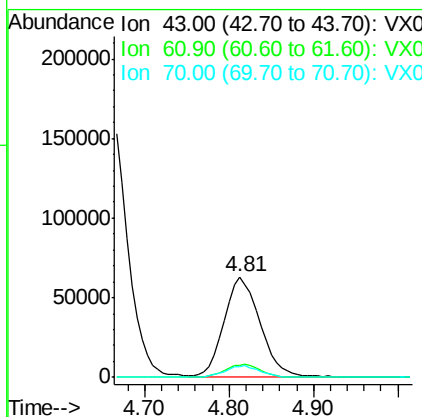
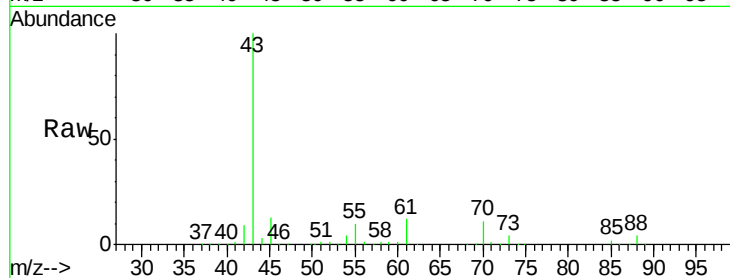
#37
Ethyl Acetate
Concen: 46.746 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	182540
Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.2	15.4
70	11.5	8.7	13.1

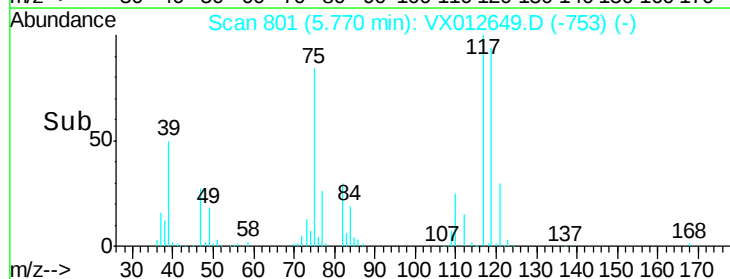
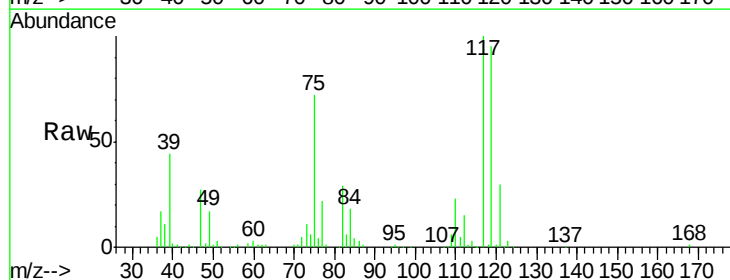
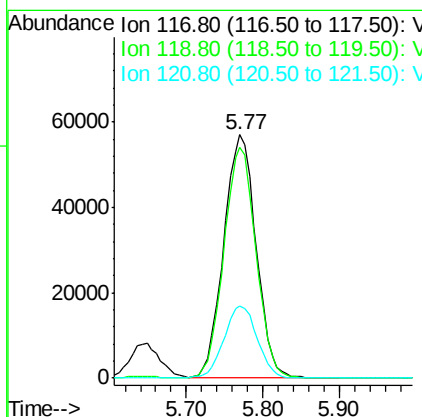
Manual Integrations
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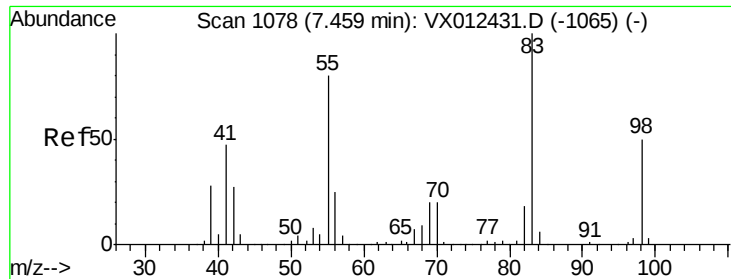
MMDadoda
9/26/2019 9:33:30 AM



#38
Carbon Tetrachloride
Concen: 49.133 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion:	117	Resp:	166709
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.7	113.5
121	29.6	24.2	36.4





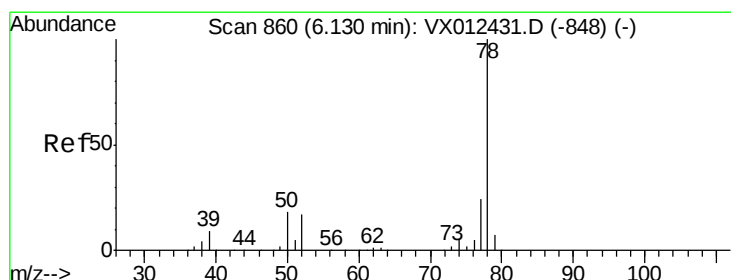
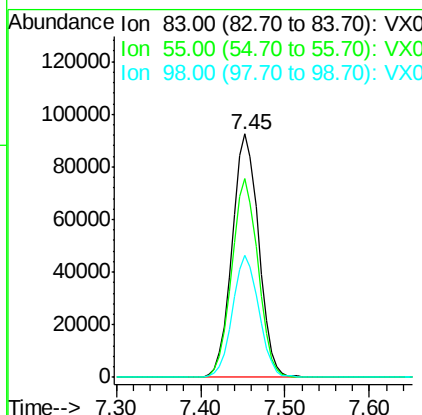
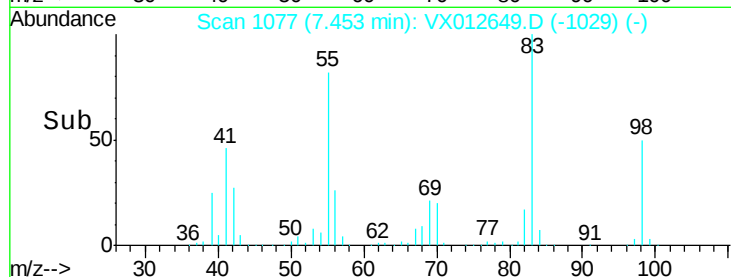
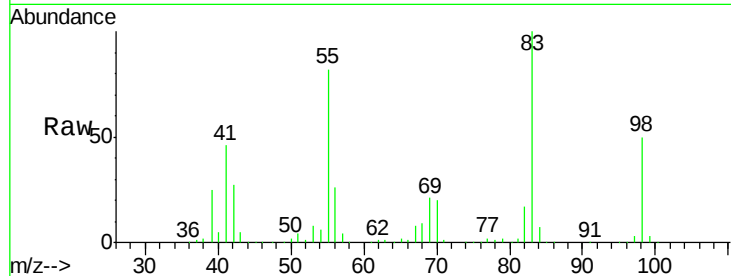
#39
Methvlcvclohexane
Concen: 48.944 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	196808		
55	81.8	64.4	96.6	
98	50.3	40.1	60.1	

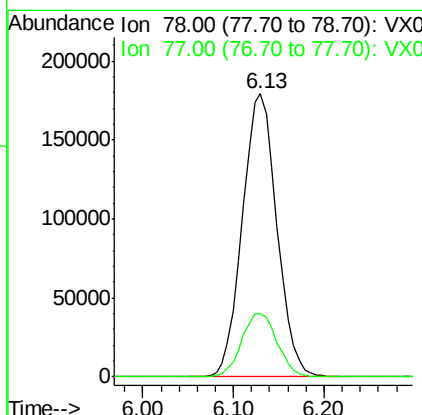
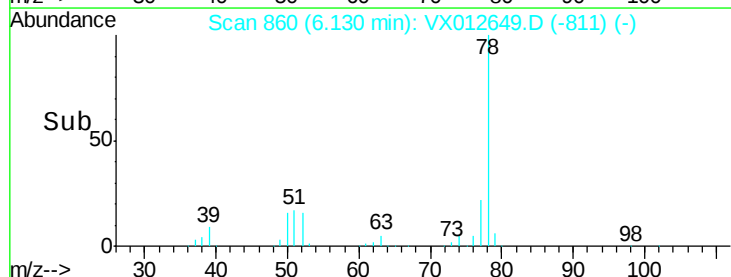
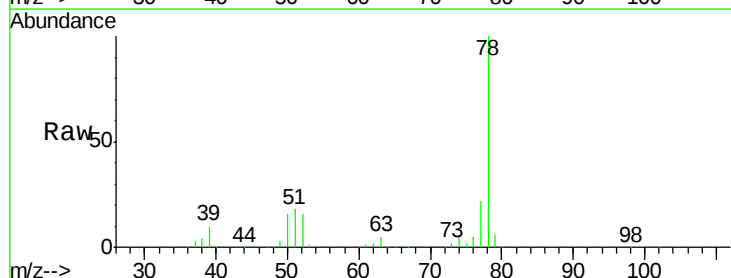
Manual Integrations
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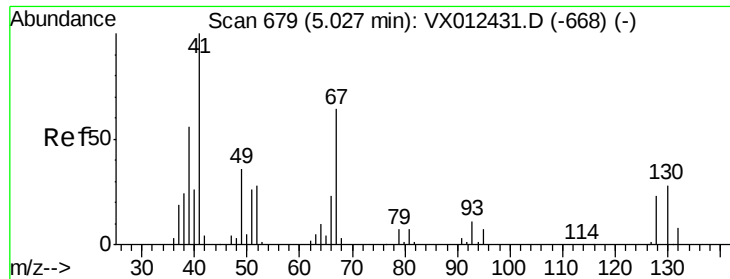
MMDadoda
9/26/2019 9:33:30 AM



#40
Benzene
Concen: 48.055 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	472274		
77	22.5	19.2	28.8	





#41

Methacrylonitrile

Concen: 47.006 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 102988

Ion Ratio Lower Upper

41 100

39 54.3 46.0 69.0

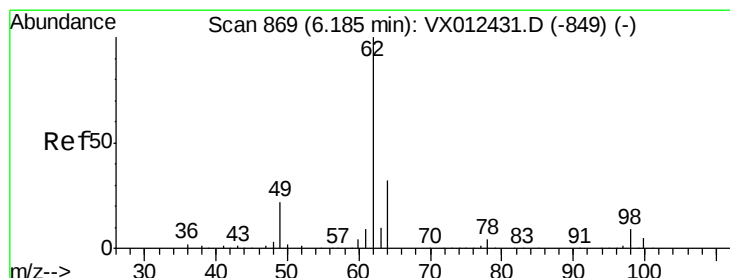
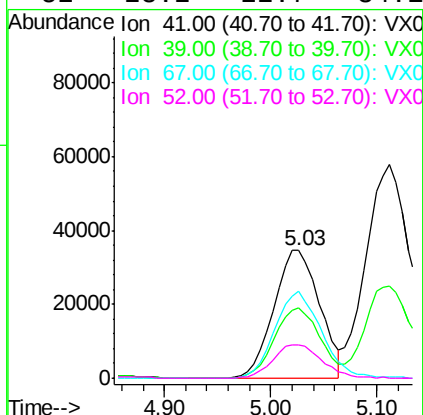
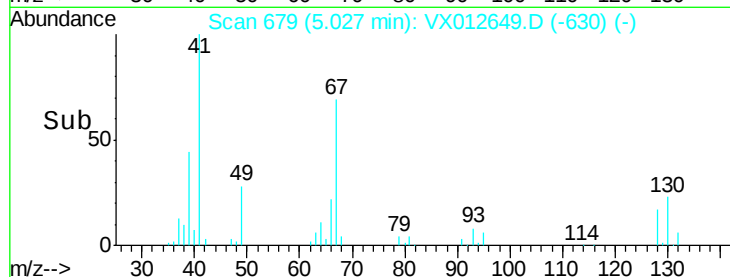
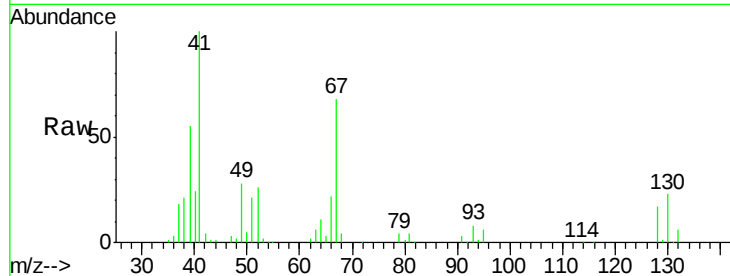
67 69.0 52.2 78.2

52 28.2 22.7 34.1

Manual Integrations
APPROVED

MMDadoda

9/26/2019 9:33:30 AM



#42

1,2-Dichloroethane

Concen: 48.340 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012649.D

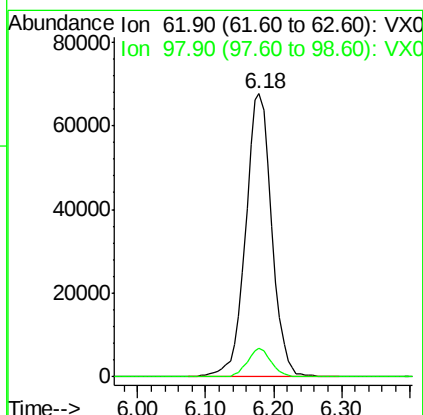
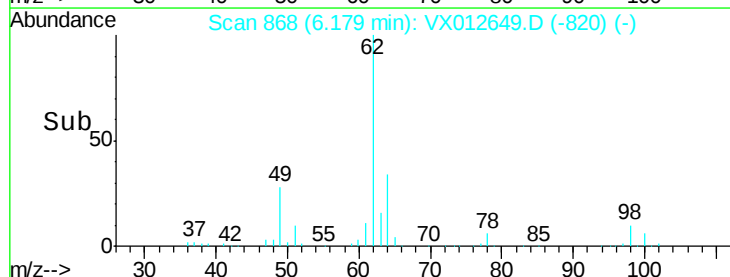
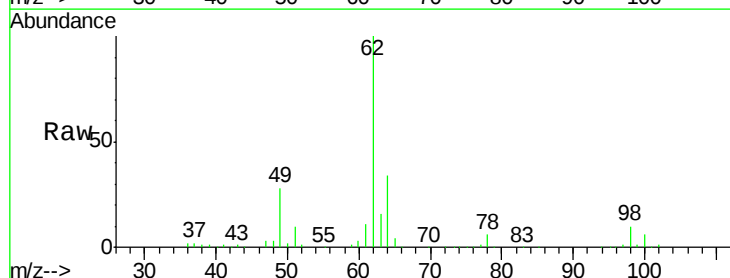
Acq: 25 Sep 2019 10:09

Tgt Ion: 62 Resp: 180402

Ion Ratio Lower Upper

62 100

98 9.3 0.0 17.8





#43

Isopropyl Acetate

Concen: 46.959 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

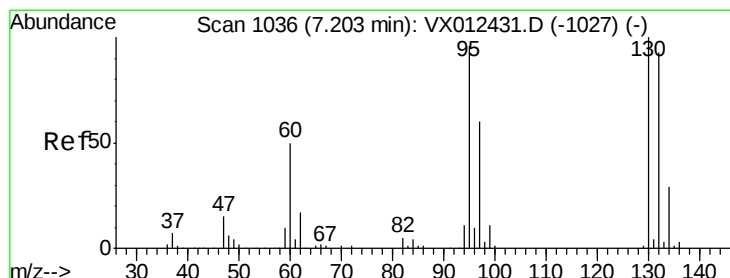
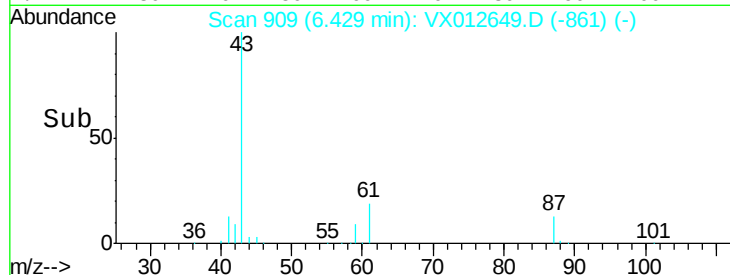
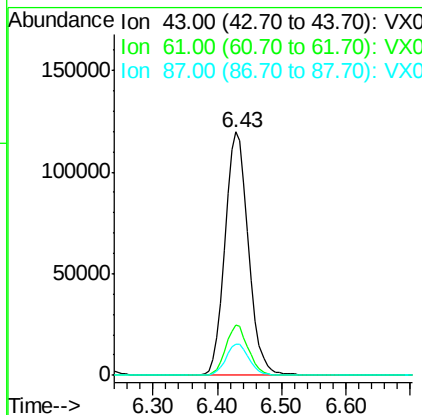
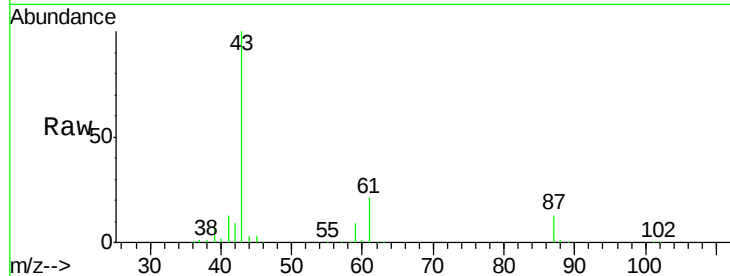
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	306660
Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.0
87	12.9	9.8	14.8

Manual Integrations
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#44

Trichloroethene

Concen: 47.191 ug/l

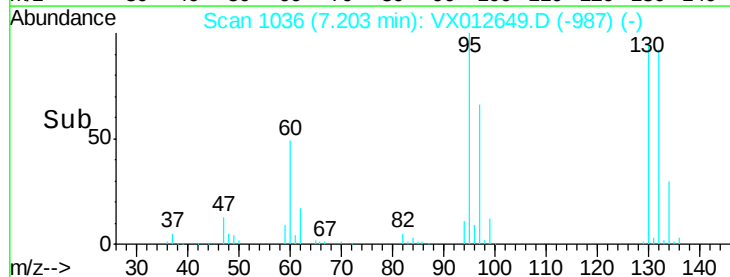
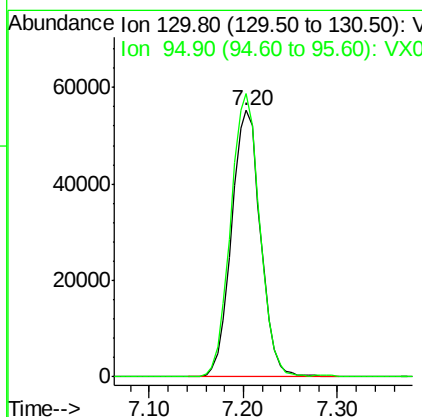
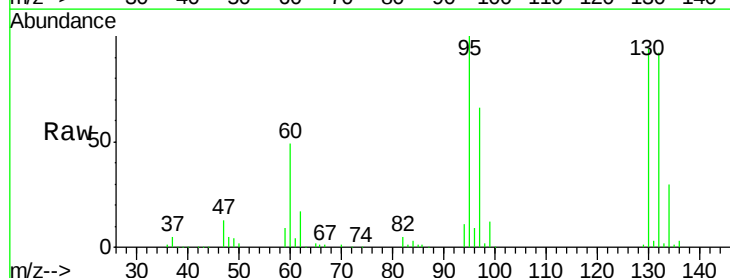
RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Tgt Ion:	130	Resp:	118563
Ion	Ratio	Lower	Upper
130	100		
95	106.2	0.0	193.0





#45

1,2-Dichloropropane

Concen: 47.890 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 120497

Ion Ratio Lower Upper

63 100

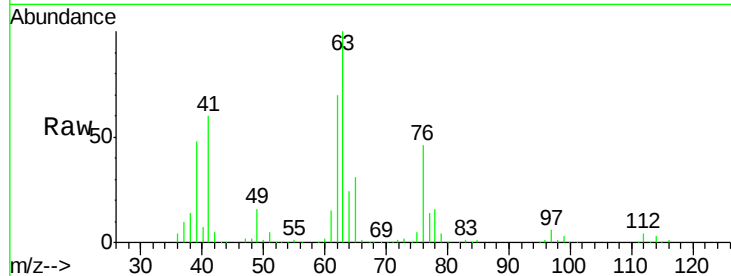
65 30.8 25.0 37.6

Manual Integrations

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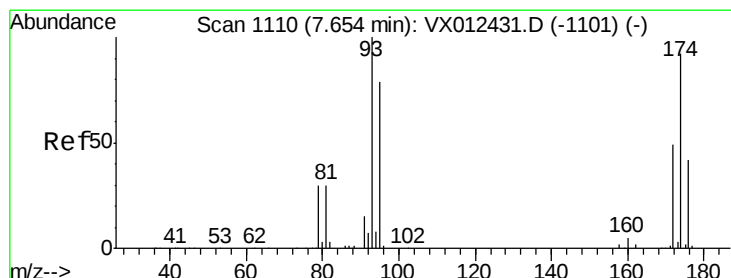
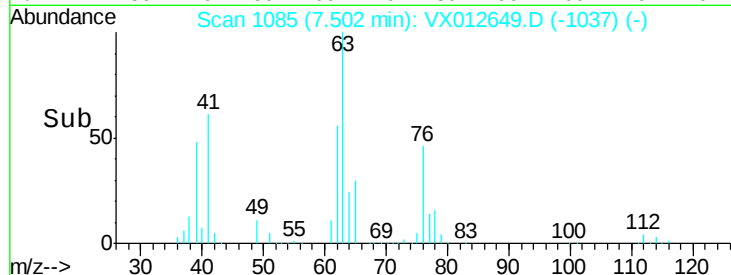
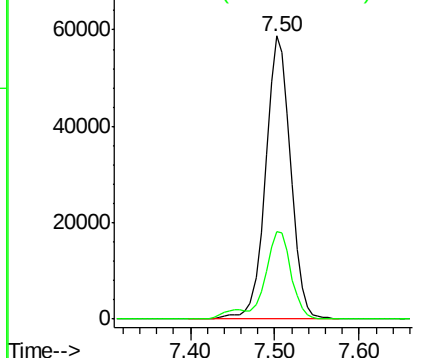
MMDadoda

9/26/2019 9:33:30 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.152 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

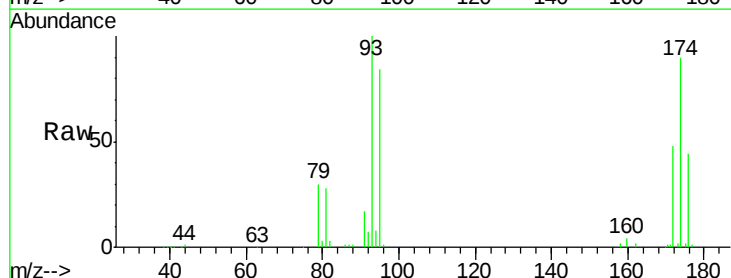
Tgt Ion: 93 Resp: 80777

Ion Ratio Lower Upper

93 100

95 83.3 66.6 100.0

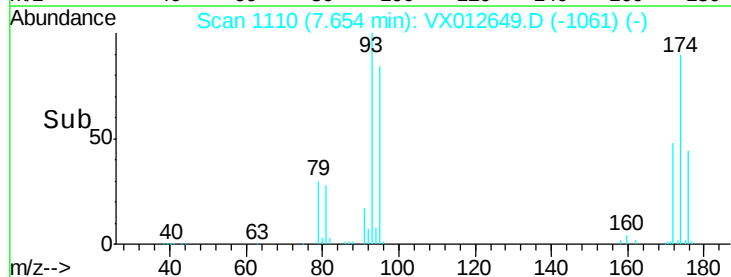
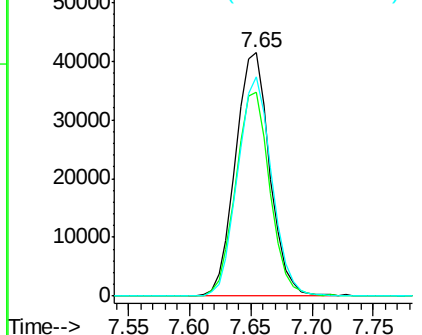
174 89.6 77.4 116.0

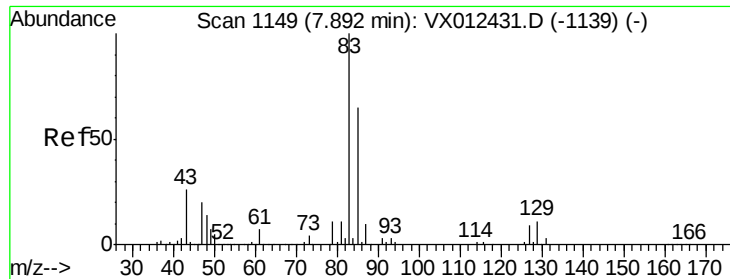


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





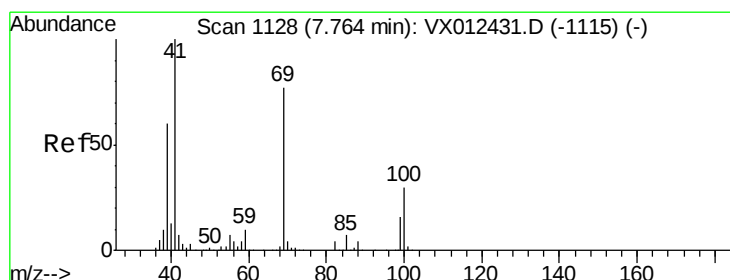
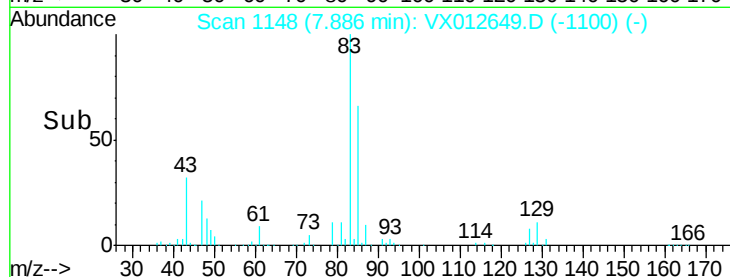
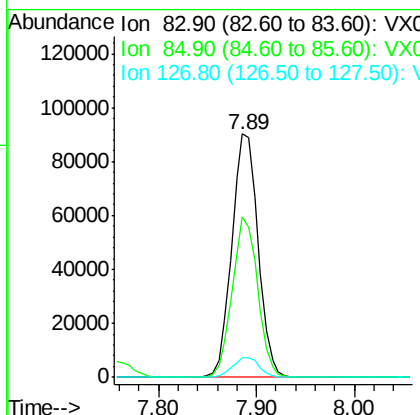
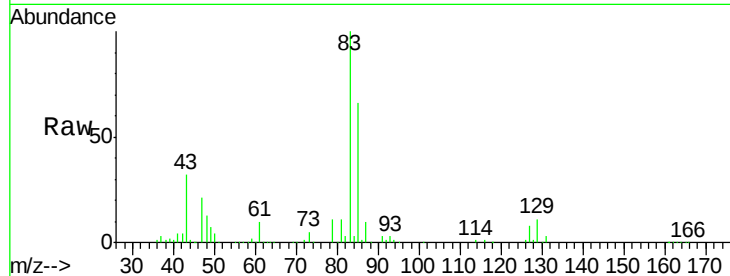
#47
Bromodichloromethane
Concen: 48.982 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	167708		
85	66.0		51.8	77.6
127	8.2		7.3	10.9

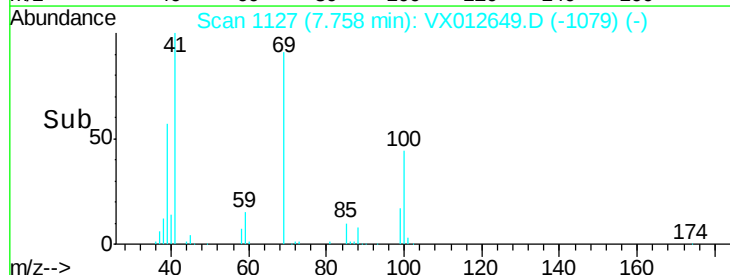
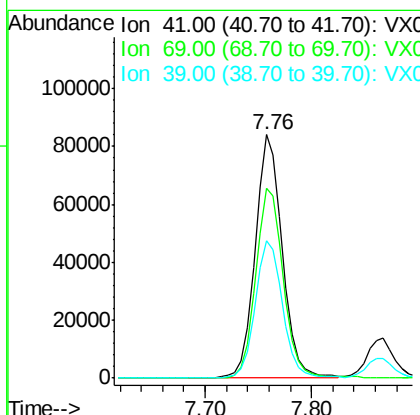
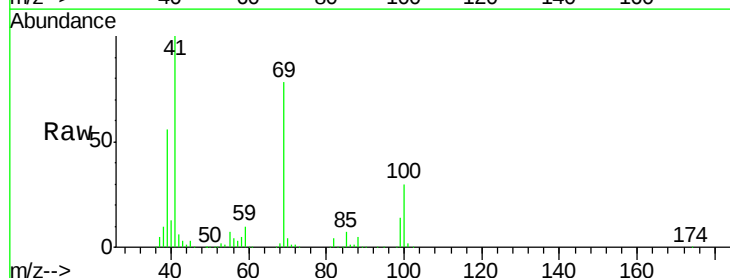
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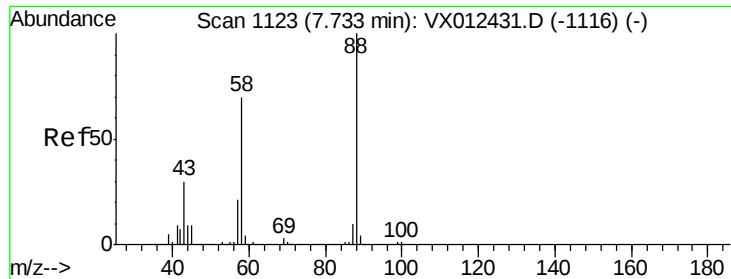
MMDadoda
9/26/2019 9:33:30 AM



#48
Methyl methacrylate
Concen: 47.765 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	149567		
69	79.9		59.9	89.9
39	56.9		47.8	71.6





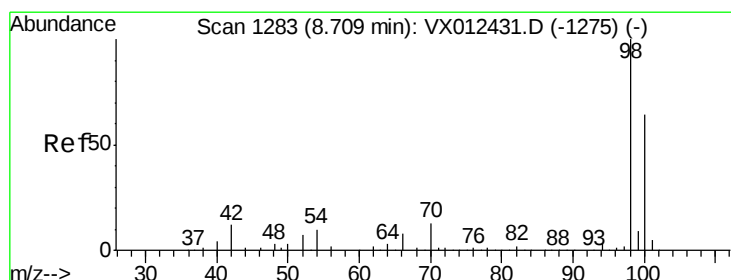
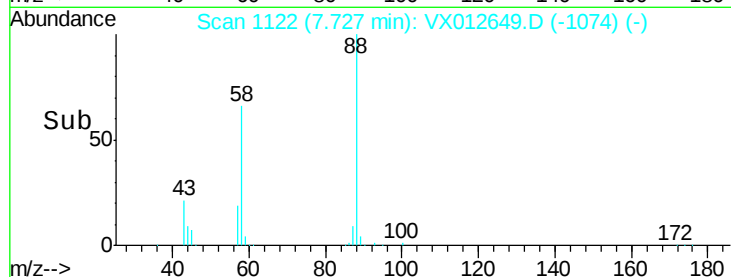
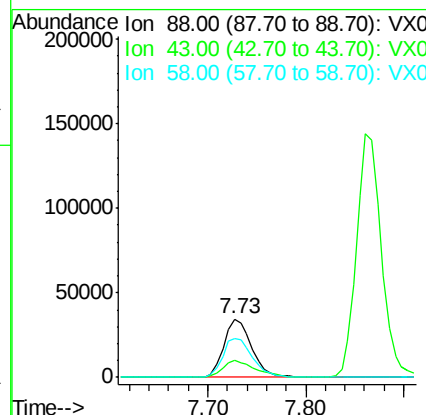
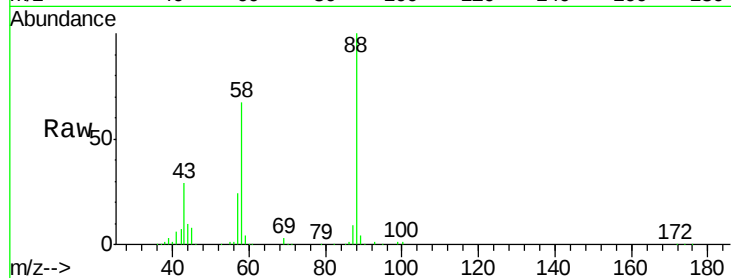
#49
1,4-Dioxane
Concen: 960.735 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	29.4	44.0
58	71.8	57.5	86.3

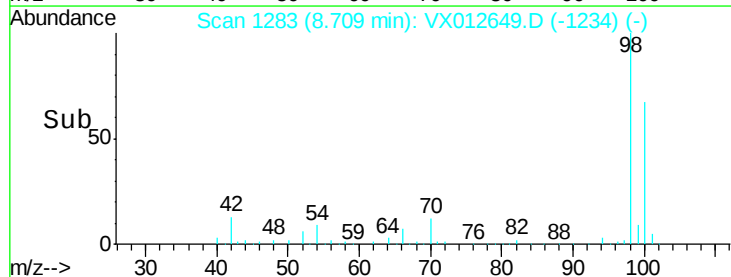
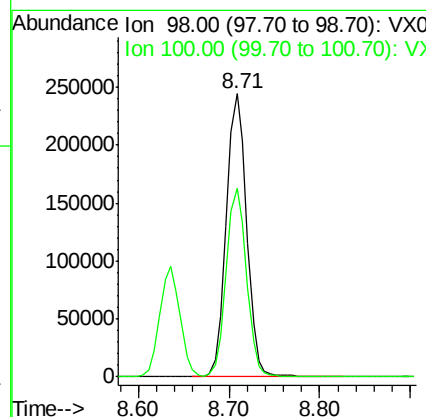
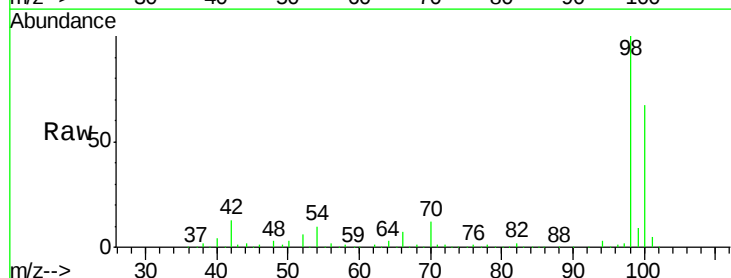
Manual Integrations
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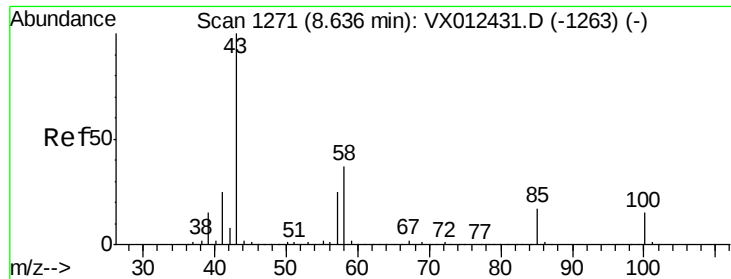
MMDadoda
9/26/2019 9:33:30 AM



#50
Toluene-d8
Concen: 48.492 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 232.587 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 937577

Ion Ratio Lower Upper

43 100

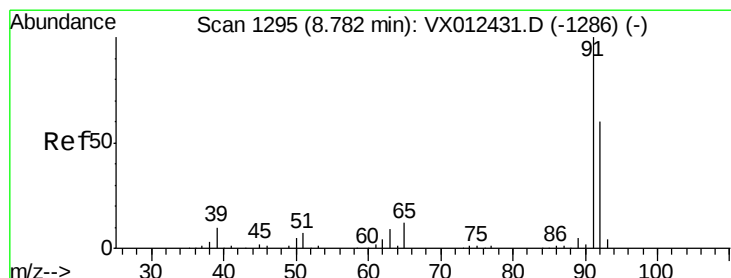
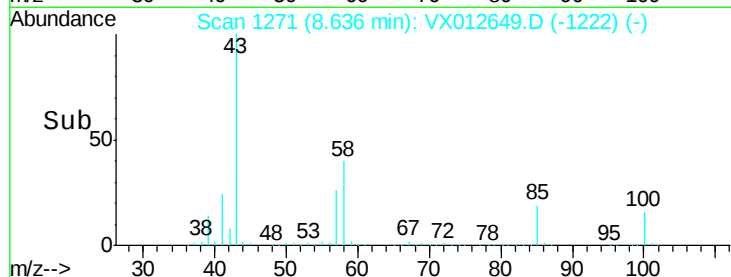
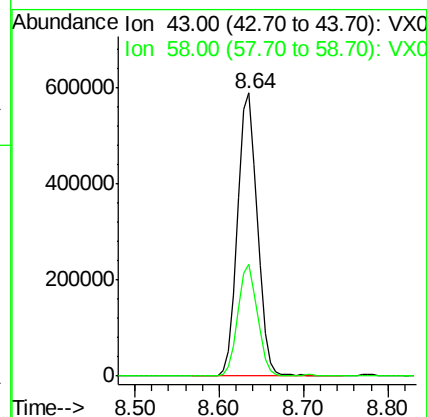
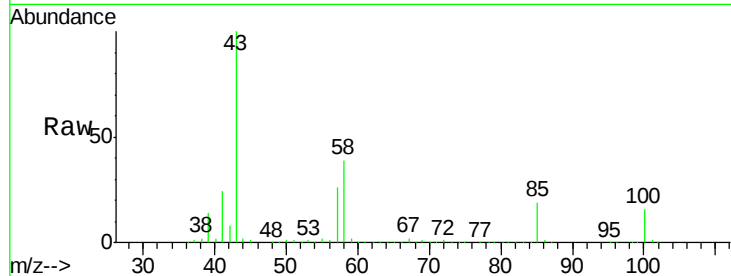
58 38.8 29.8 44.6

Manual Integrations

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MMDadoda

9/26/2019 9:33:30 AM



#52

Toluene

Concen: 49.150 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012649.D

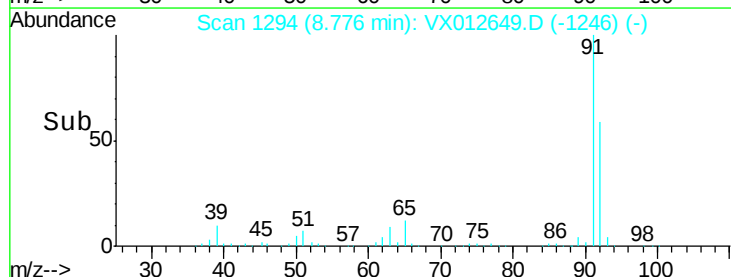
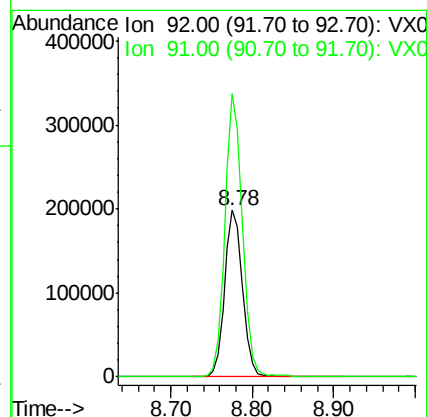
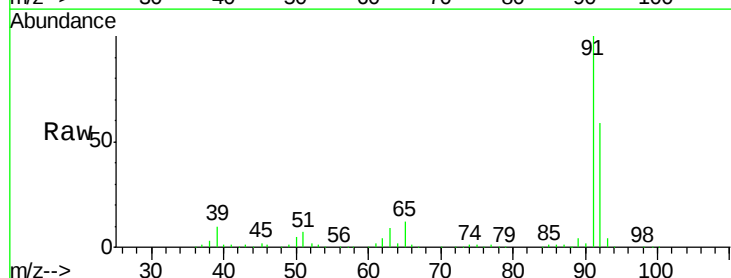
Acq: 25 Sep 2019 10:09

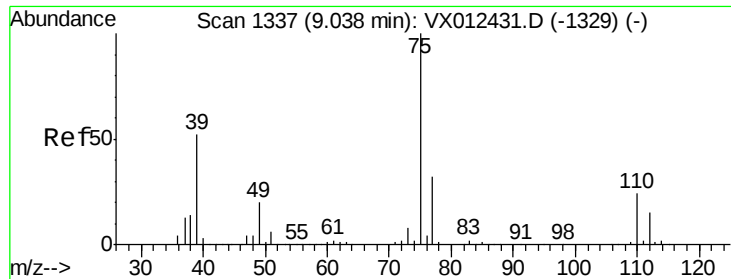
Tgt Ion: 92 Resp: 303590

Ion Ratio Lower Upper

92 100

91 165.8 135.4 203.0





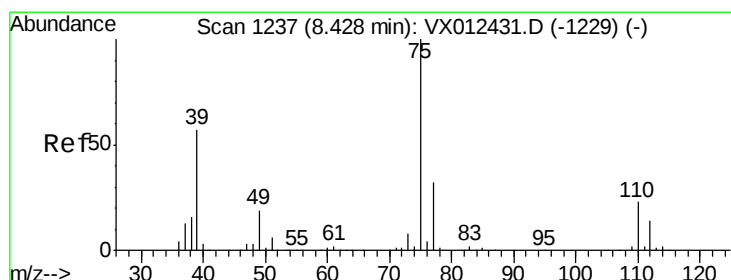
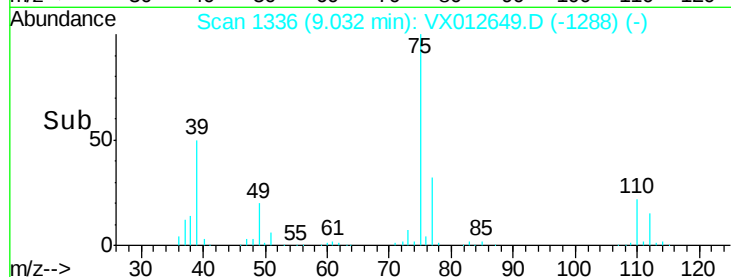
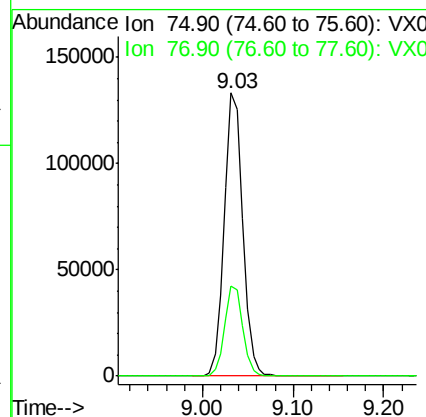
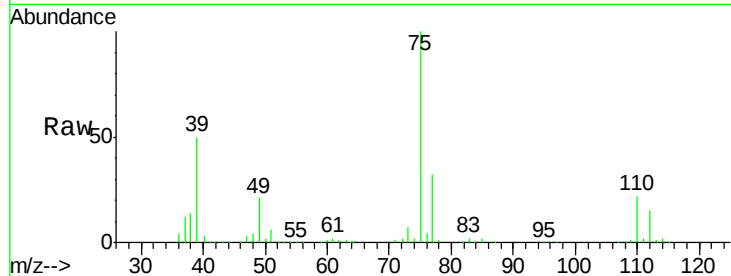
#53
t-1,3-Dichloropropene
Concen: 50.329 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 190655
Ion Ratio Lower Upper
75 100
77 31.9 25.2 37.8

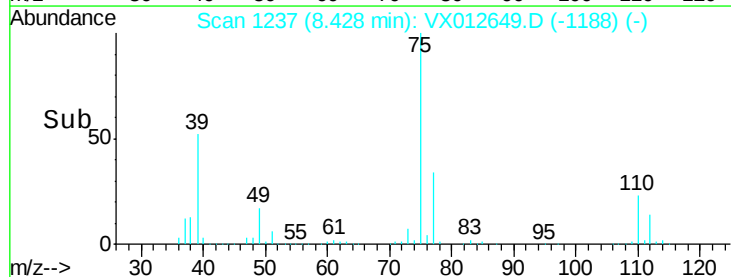
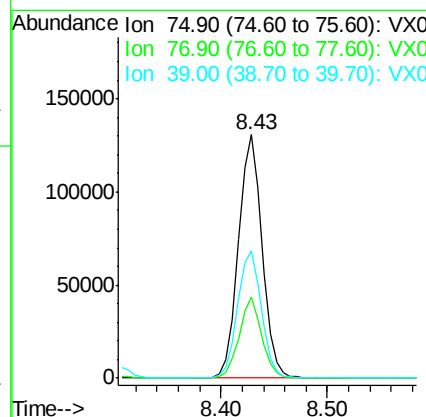
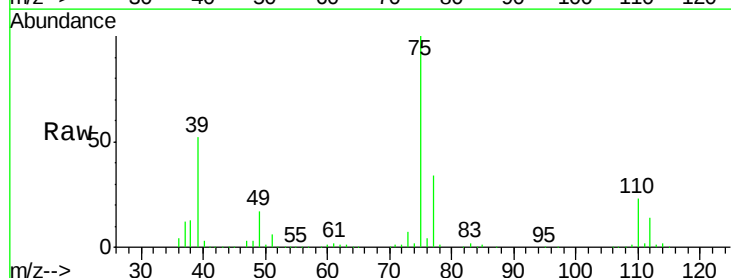
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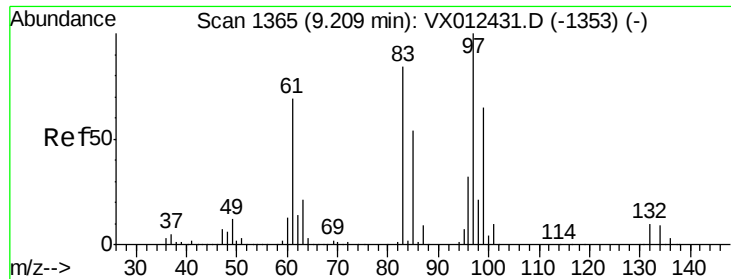
MMDadoda
9/26/2019 9:33:30 AM



#54
cis-1,3-Dichloropropene
Concen: 49.440 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion: 75 Resp: 204487
Ion Ratio Lower Upper
75 100
77 33.5 25.8 38.8
39 52.2 45.5 68.3





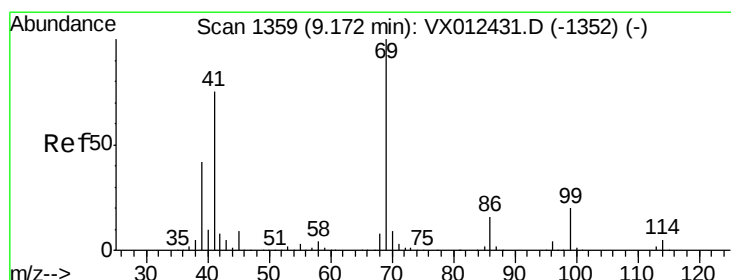
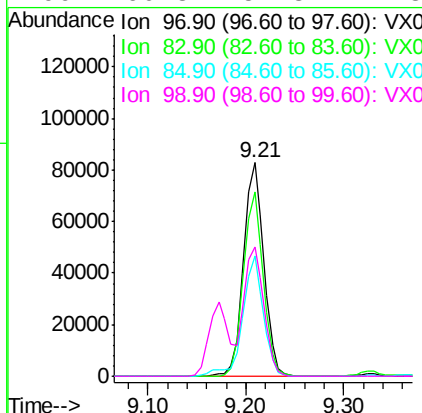
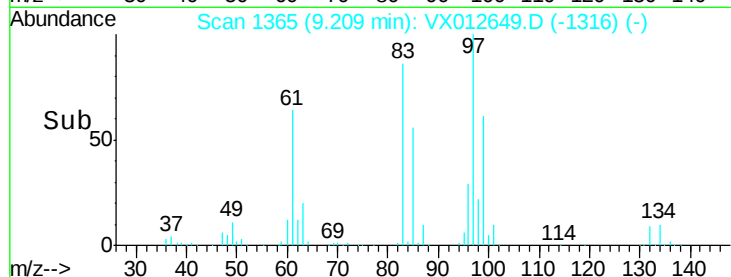
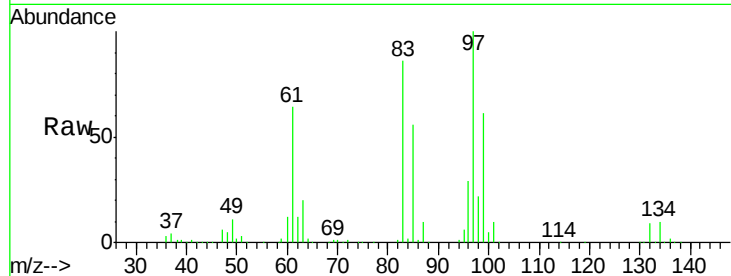
#55
 1,1,2-Trichloroethane
 Concen: 48.536 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	119191
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.4	101.2
85	56.1	43.5	65.3
99	60.8	51.8	77.8

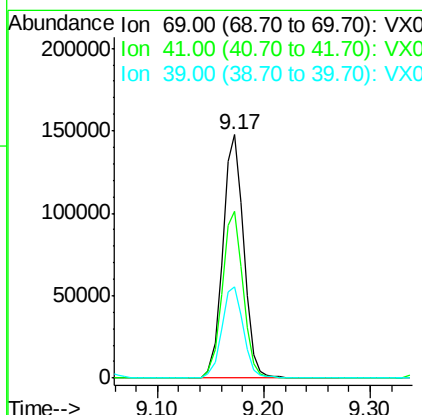
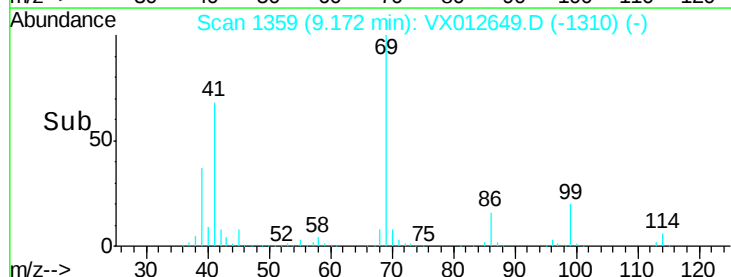
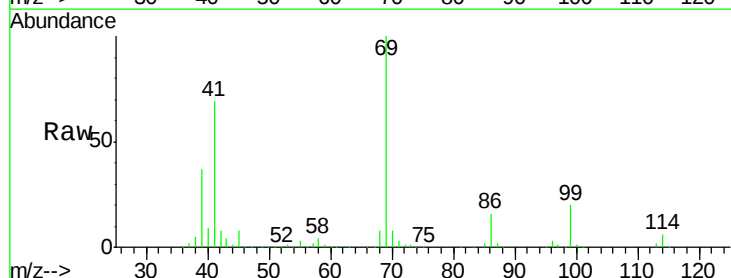
Manual Integrations
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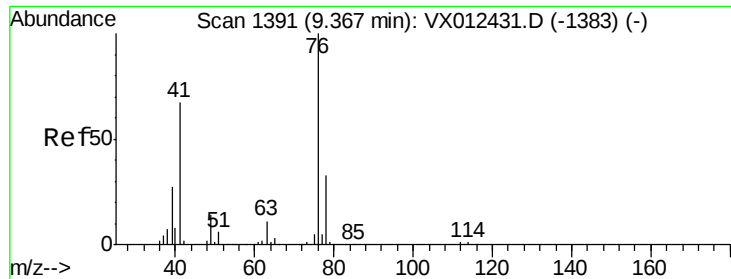
MMDadoda
 9/26/2019 9:33:30 AM



#56
 Ethyl methacrylate
 Concen: 49.389 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Tgt Ion:	69	Resp:	203758
Ion	Ratio	Lower	Upper
69	100		
41	68.8	58.4	87.6
39	38.4	33.4	50.0





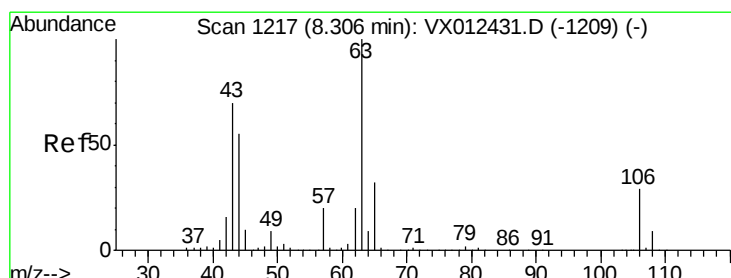
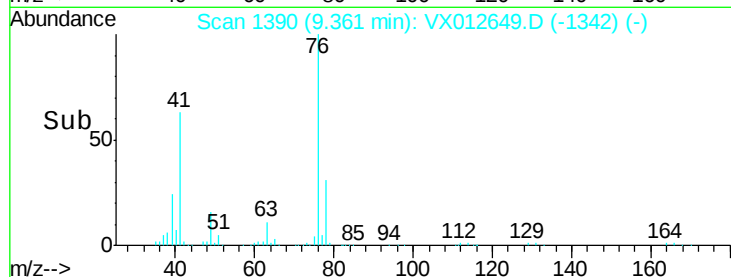
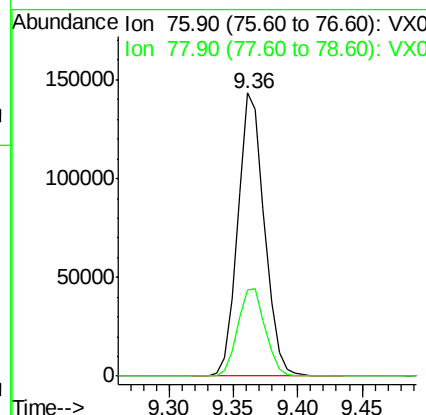
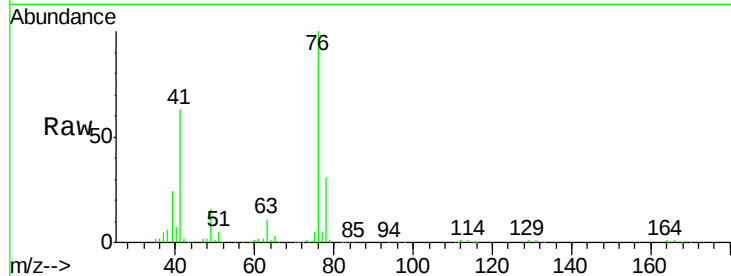
#57
 1,3-Dichloropropane
 Concen: 47.864 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.2

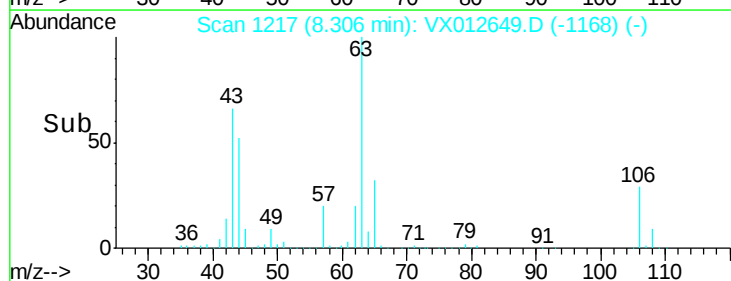
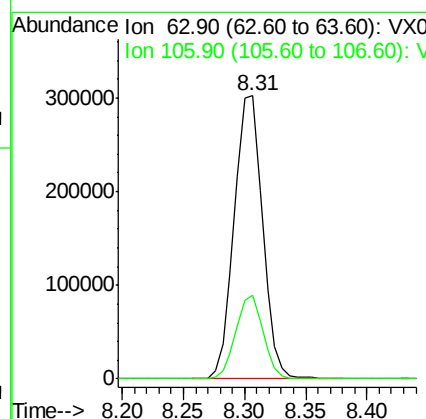
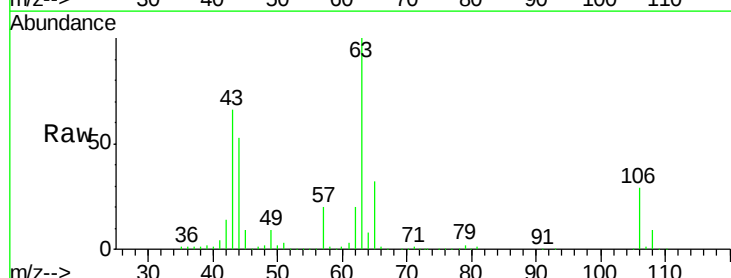
Manual Integrations
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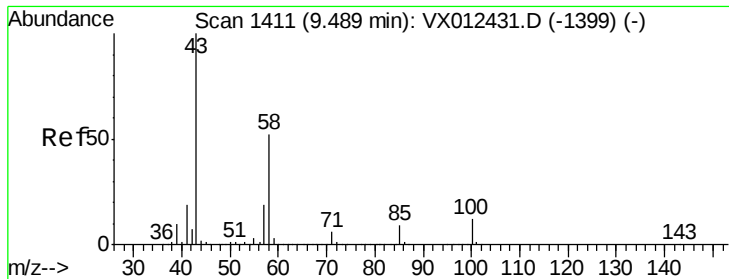
MMDadoda
 9/26/2019 9:33:30 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.340 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.5	23.8	35.6





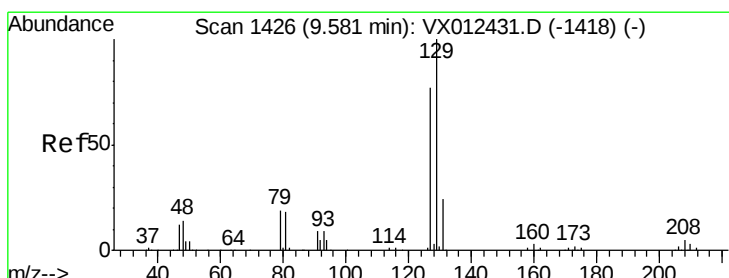
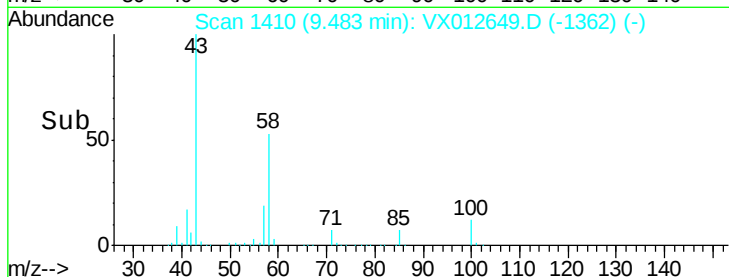
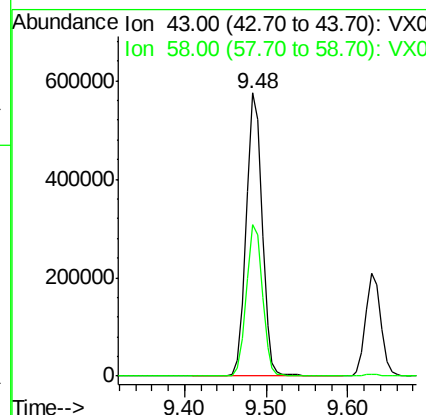
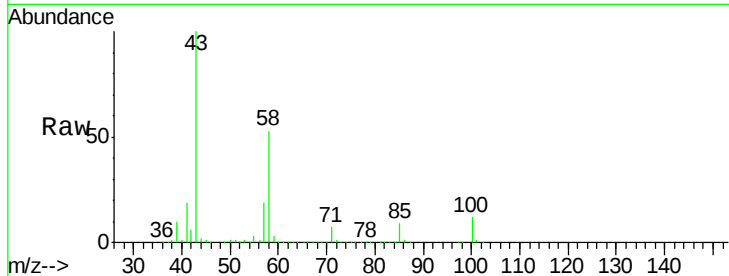
#59
2-Hexanone
Concen: 249.504 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 769856
Ion Ratio Lower Upper
43 100
58 54.2 25.7 77.1

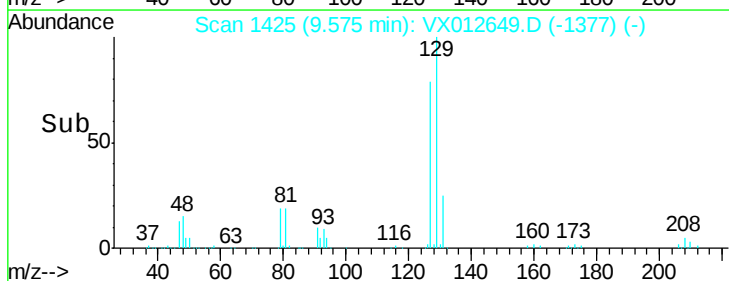
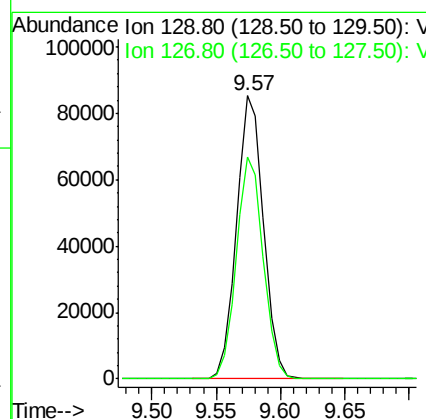
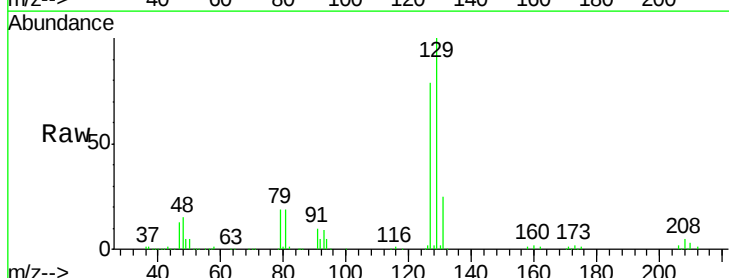
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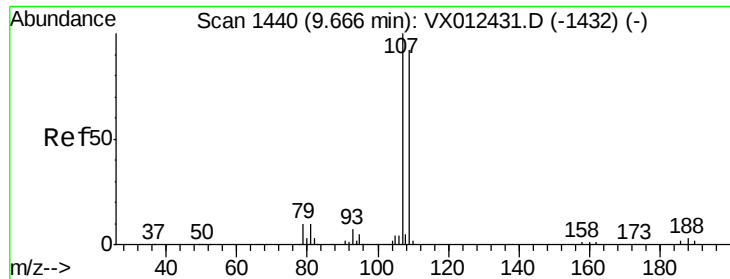
MMDadoda
9/26/2019 9:33:30 AM



#60
Dibromochloromethane
Concen: 49.947 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion: 129 Resp: 124163
Ion Ratio Lower Upper
129 100
127 78.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 47.987 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 122640

Ion Ratio Lower Upper

107 100

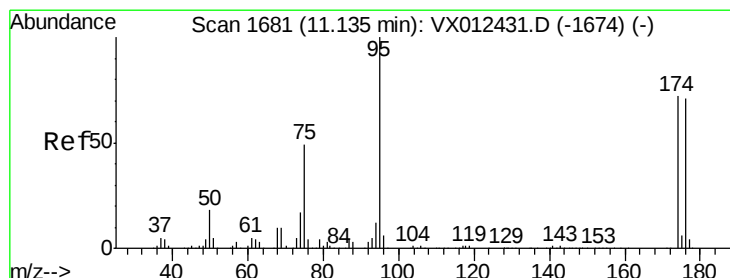
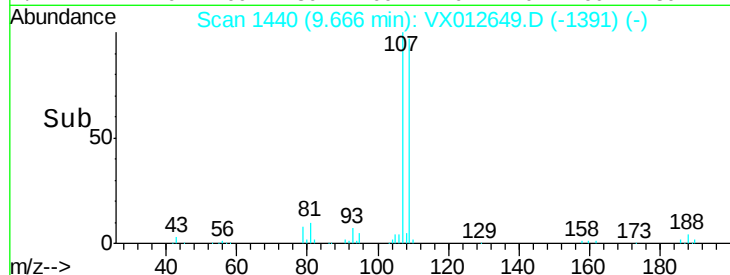
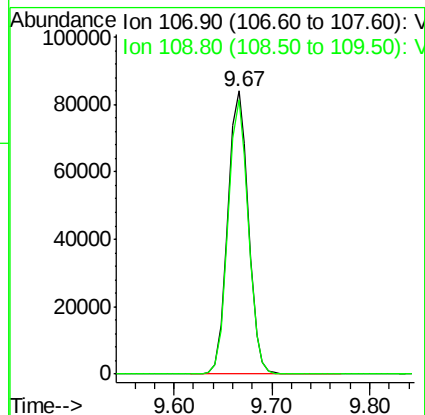
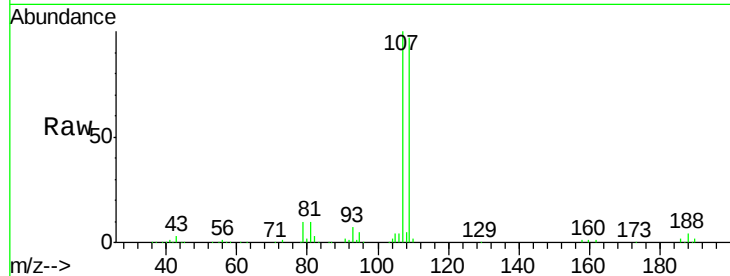
109 95.6 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 49.596 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

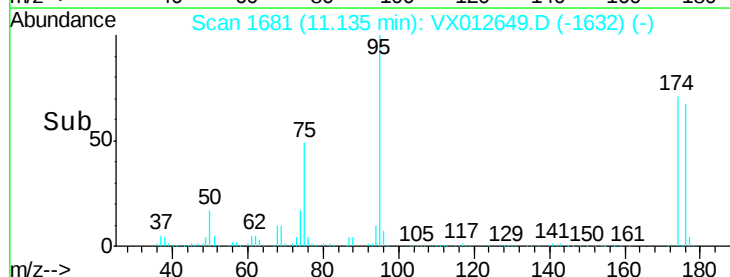
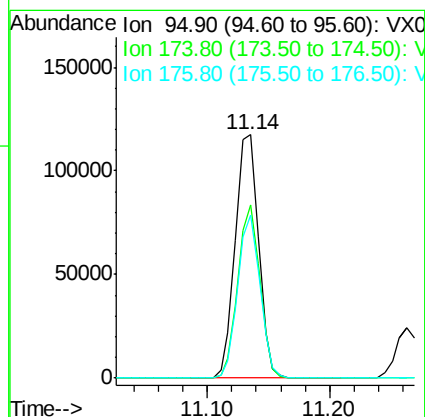
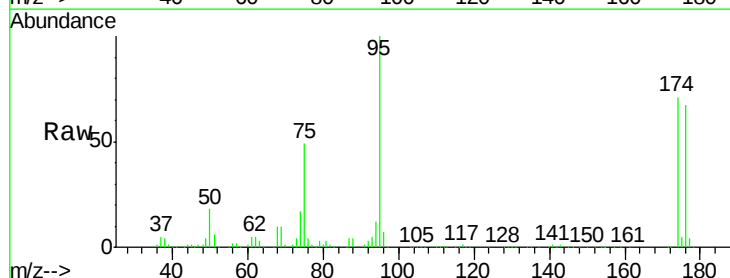
Tgt Ion: 95 Resp: 154987

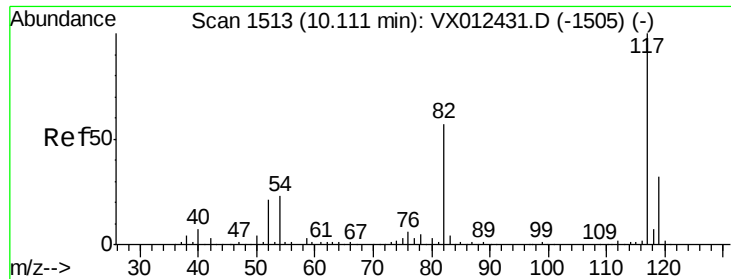
Ion Ratio Lower Upper

95 100

174 67.2 0.0 140.0

176 63.7 0.0 135.4





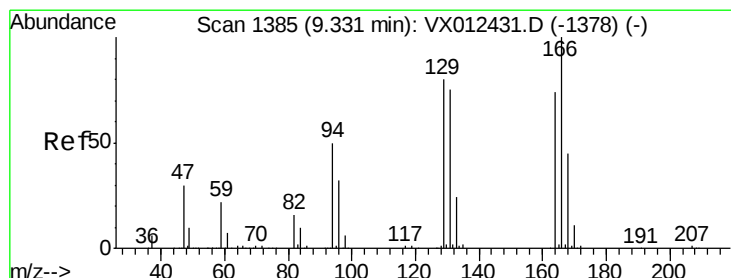
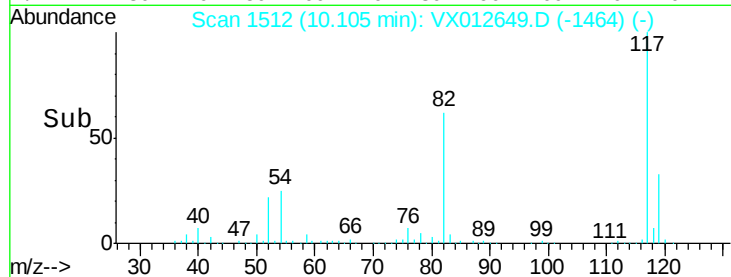
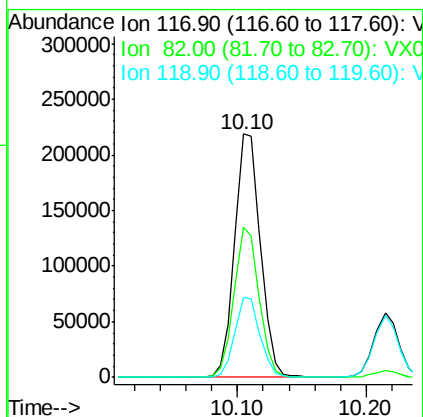
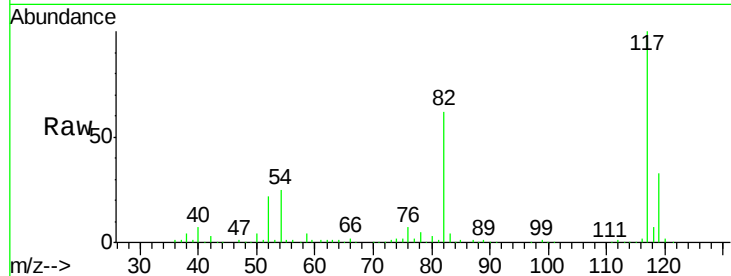
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.7	45.9	68.9
119	32.6	25.3	37.9

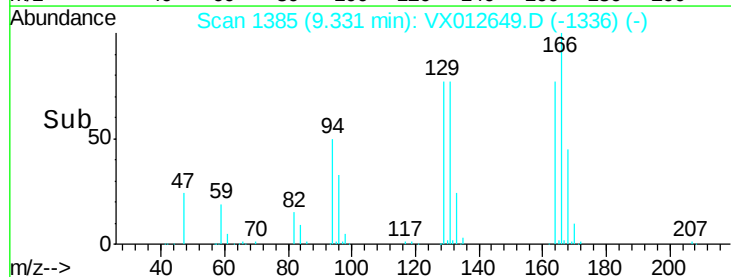
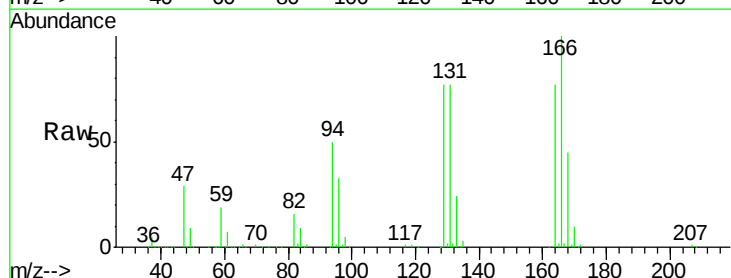
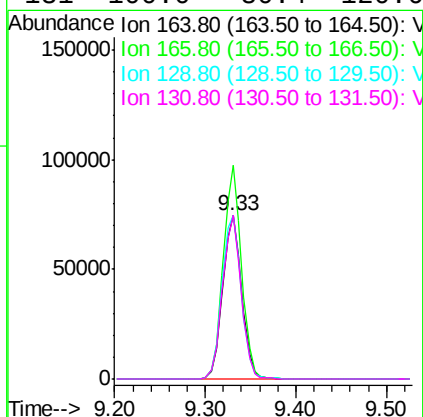
Manual Integrations
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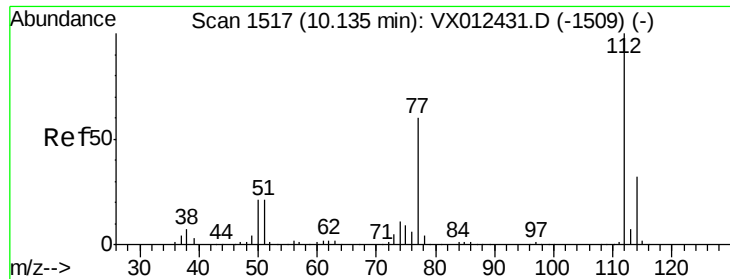
MMDadoda
9/26/2019 9:33:30 AM



#64
Tetrachloroethene
Concen: 51.192 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	107.8	161.6
129	100.3	86.2	129.2
131	100.0	80.4	120.6





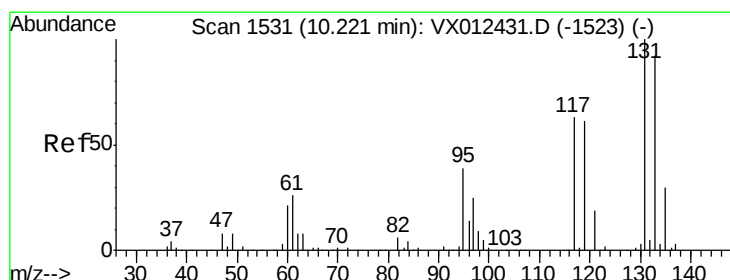
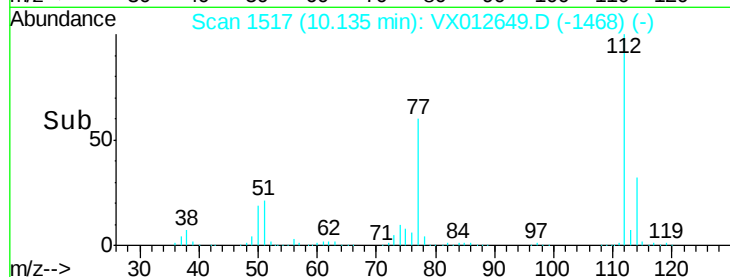
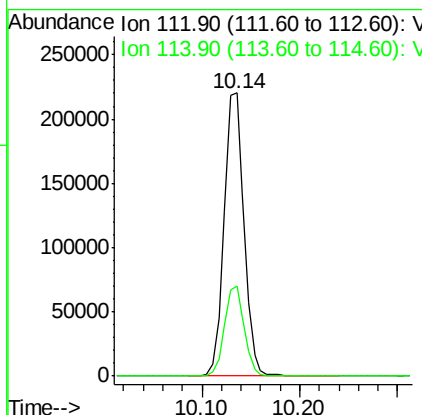
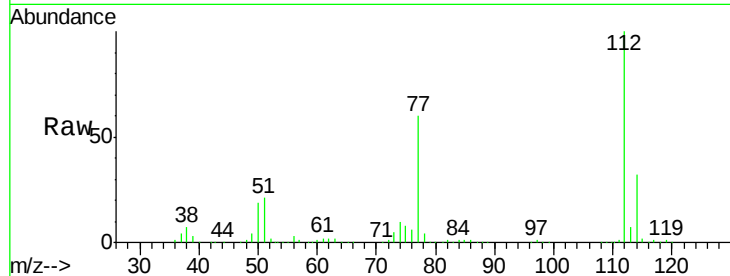
#65
Chlorobenzene
Concen: 48.186 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 311676
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

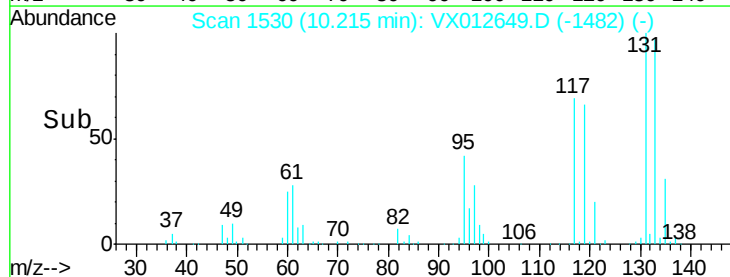
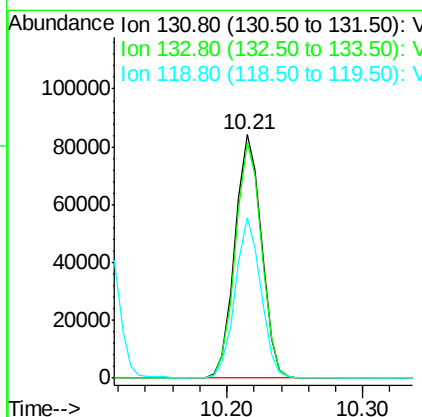
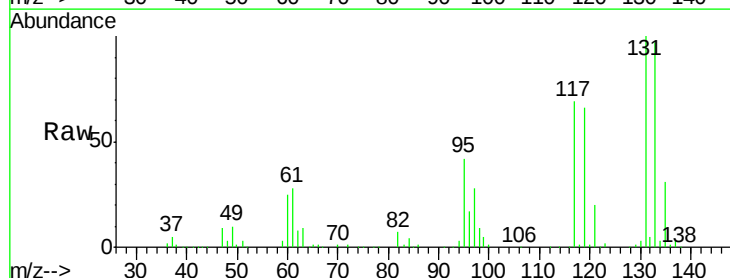
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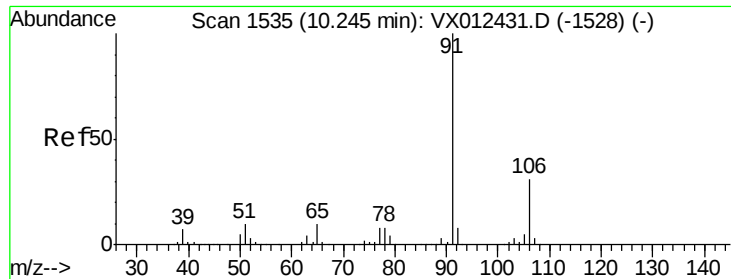
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.768 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion:131 Resp: 114291
Ion Ratio Lower Upper
131 100
133 95.6 47.6 142.9
119 63.8 31.3 93.8





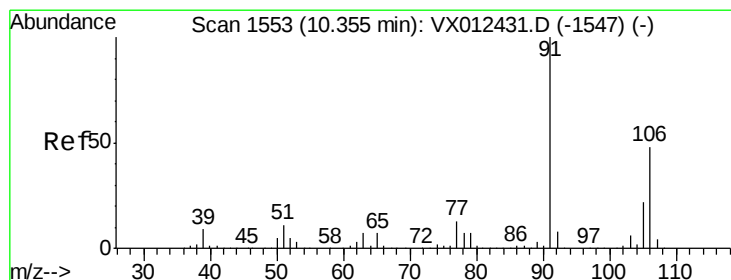
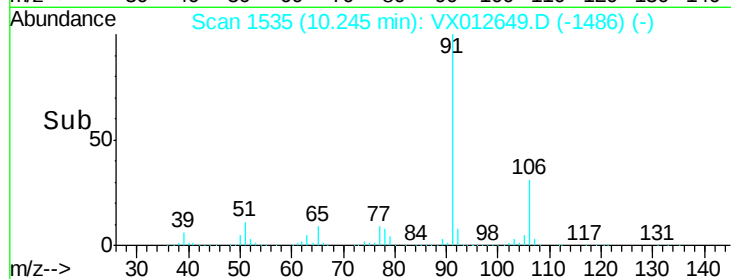
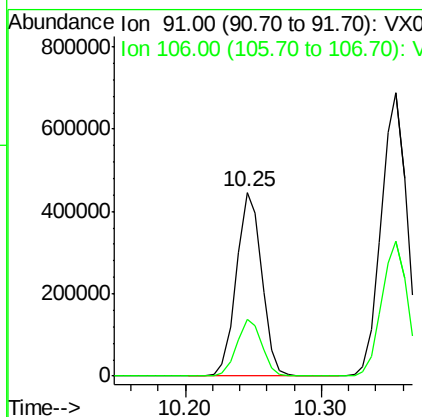
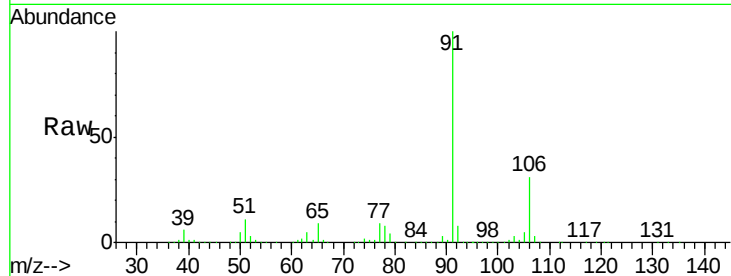
#67
Ethyl Benzene
Concen: 49.391 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 579443
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0

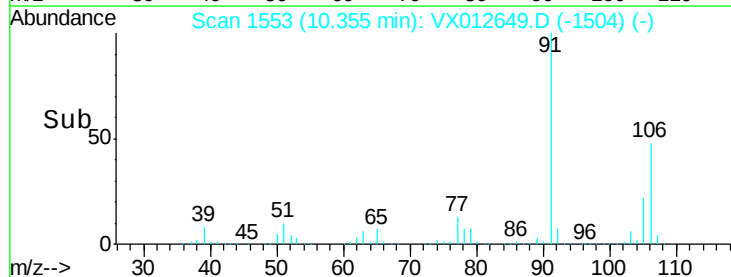
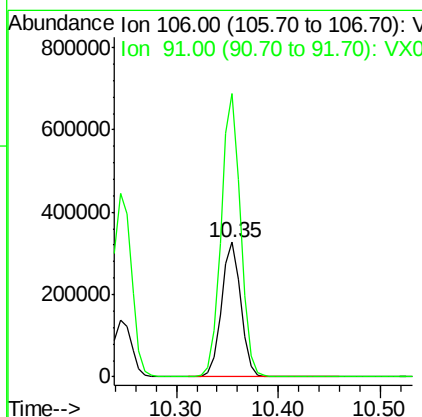
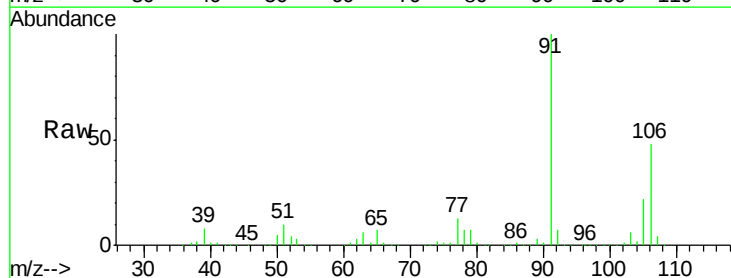
Manual Integrations
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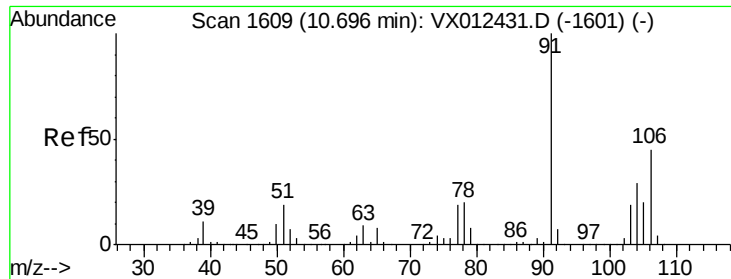
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9/26/2019 9:33:30 AM



#68
m/p-Xylenes
Concen: 98.693 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion: 106 Resp: 433725
Ion Ratio Lower Upper
106 100
91 210.3 166.6 250.0





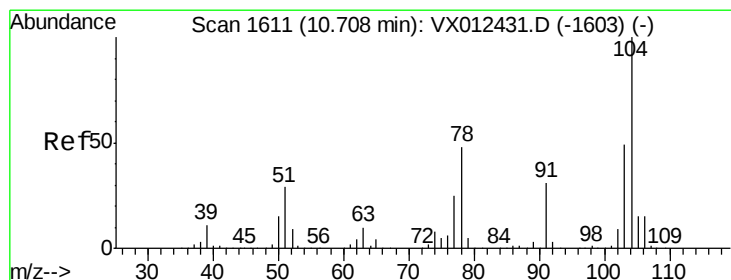
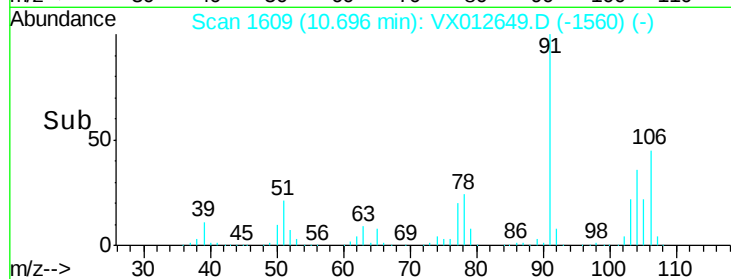
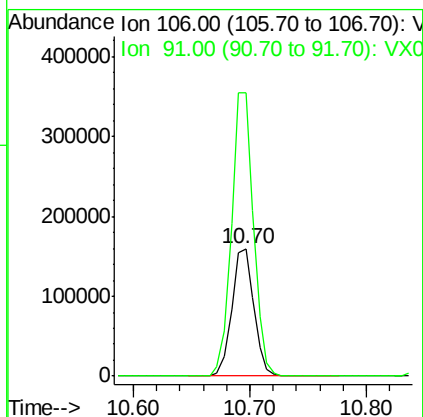
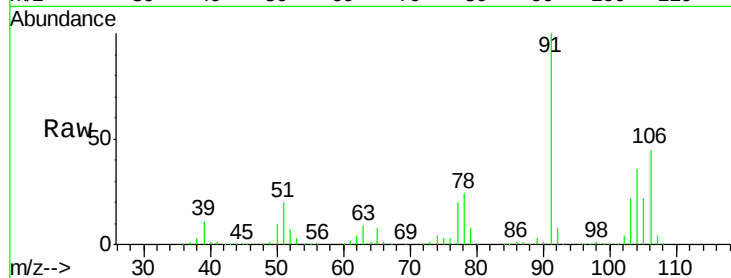
#69
o-Xylene
Concen: 49.432 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		210206		
91	222.0	109.4	328.2		

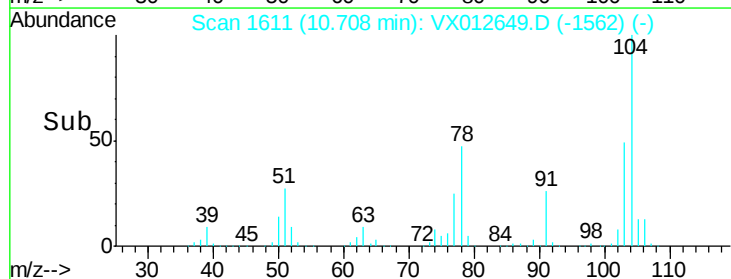
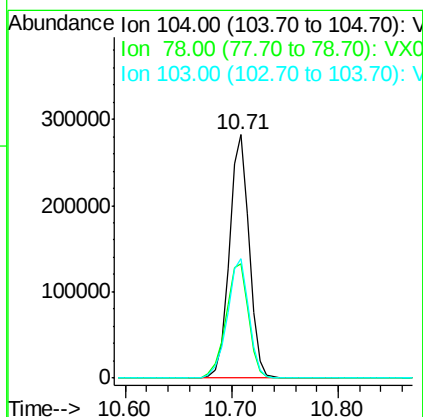
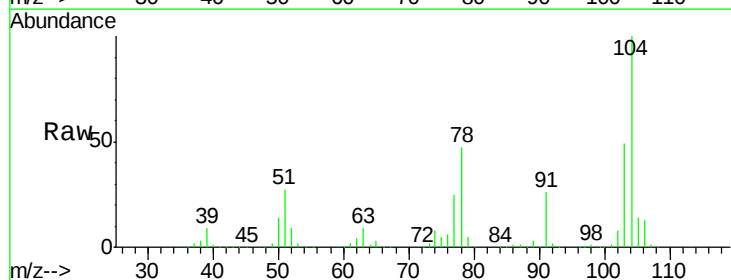
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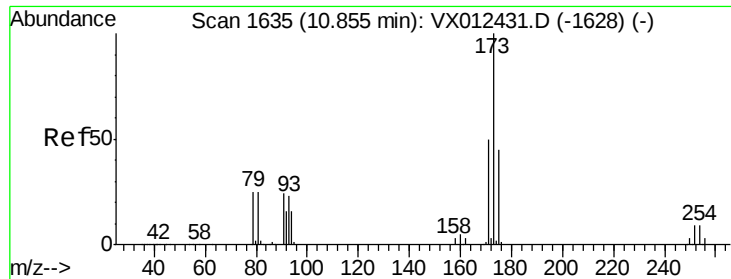
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#70
Styrene
Concen: 51.585 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		367735		
78	53.4	43.4	65.2		
103	53.3	43.3	64.9		





#71

Bromoform

Concen: 50.536 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 82467

Ion Ratio Lower Upper

173 100

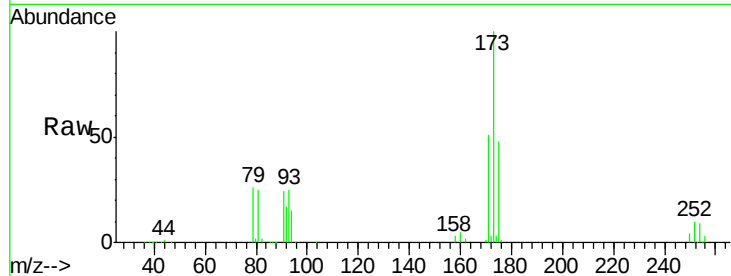
175 48.7 23.7 71.1

254 0.1 0.1 0.1#

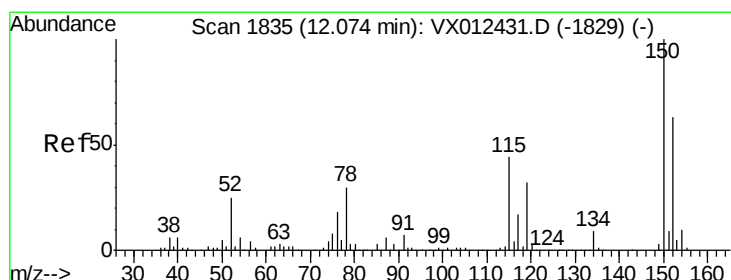
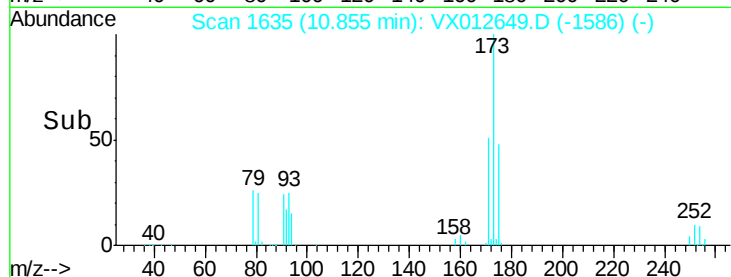
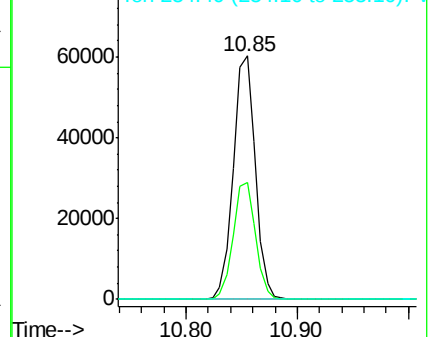
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

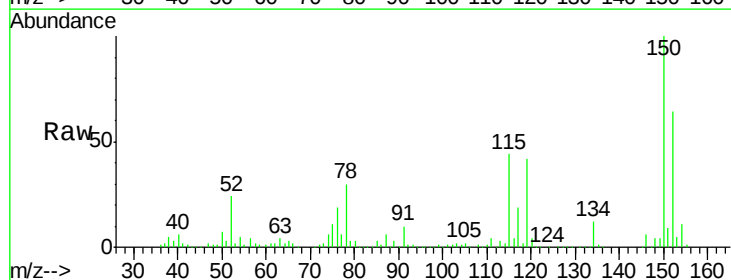
Tgt Ion:152 Resp: 146716

Ion Ratio Lower Upper

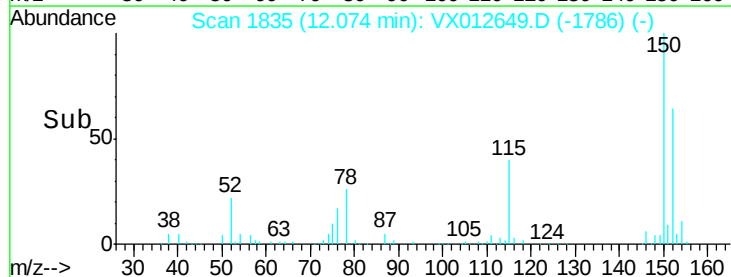
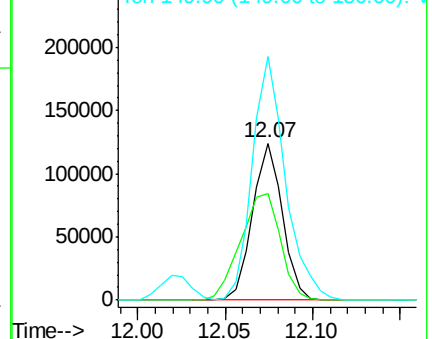
152 100

115 90.9 44.1 132.3

150 173.3 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: 47.663 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 569549

Ion Ratio Lower Upper

105 100

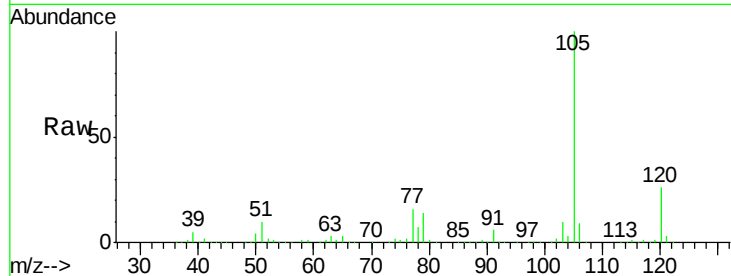
120 25.6 12.9 38.7

Manual Integrations

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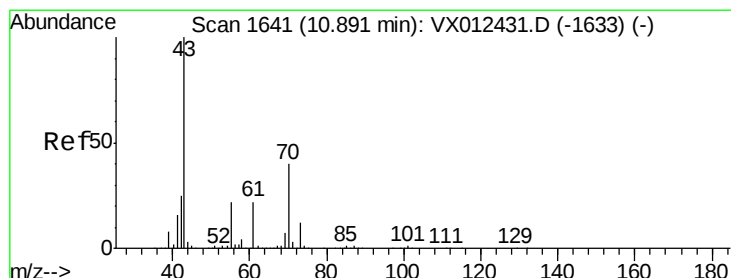
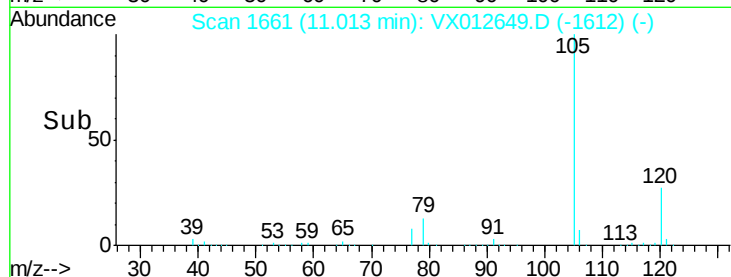
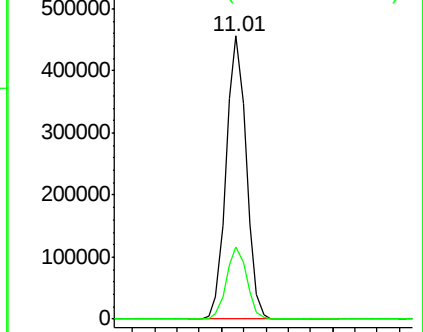
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.626 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Tgt Ion: 43 Resp: 277205

Ion Ratio Lower Upper

43 100

70 42.3 32.4 48.6

55 23.2 18.2 27.4

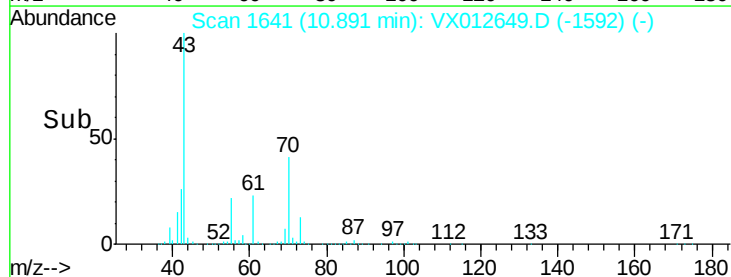
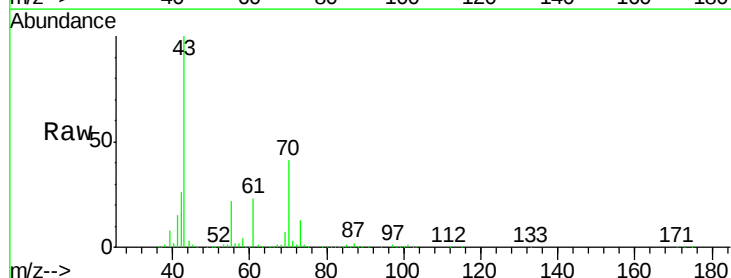
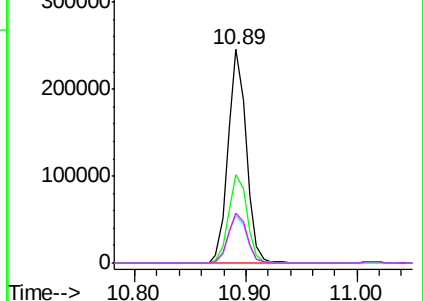
61 23.9 18.5 27.7

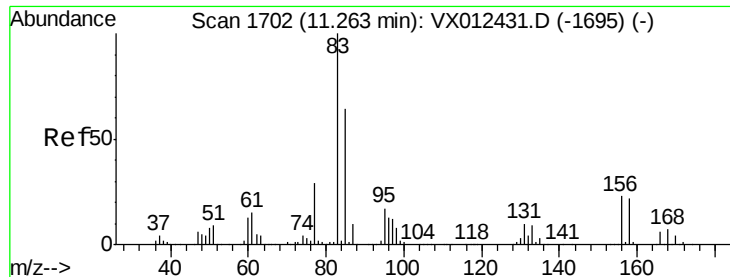
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.916 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 185670

Ion Ratio Lower Upper

83 100

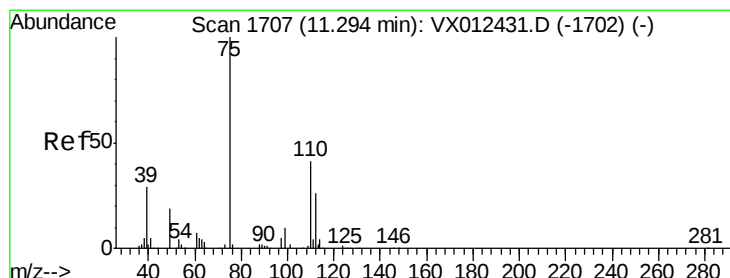
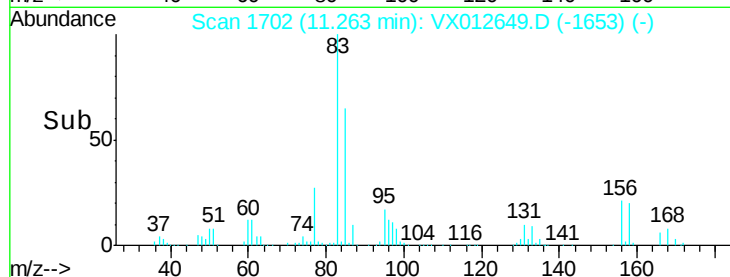
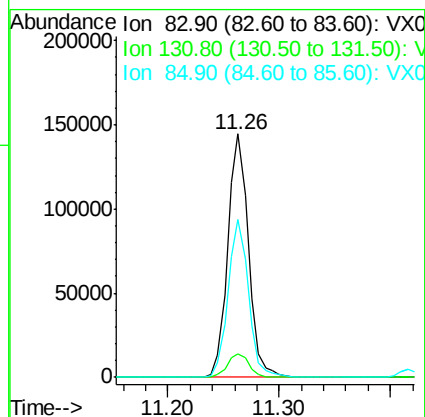
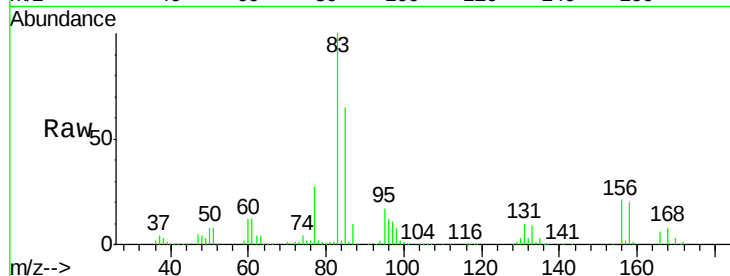
131 10.0 5.2 15.6

85 64.2 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 47.543 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012649.D

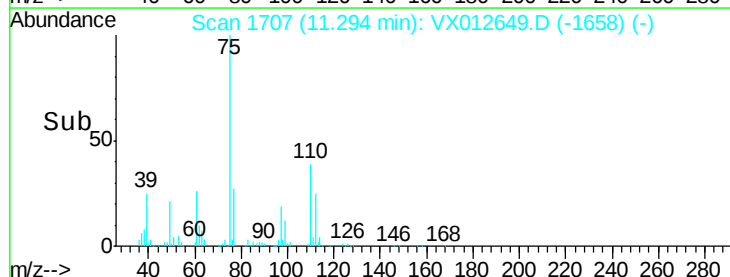
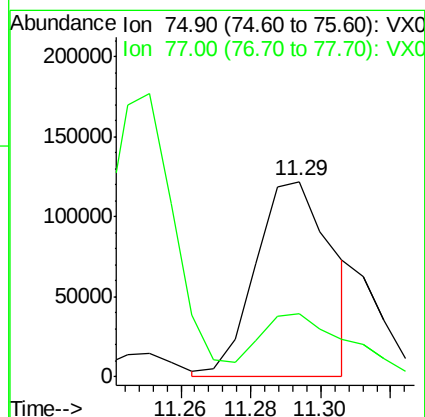
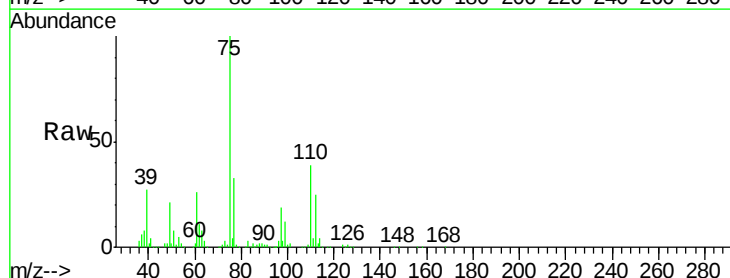
Acq: 25 Sep 2019 10:09

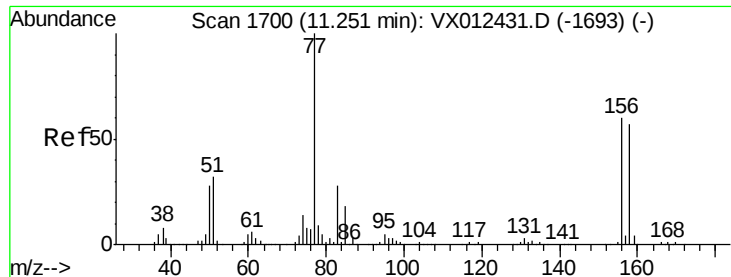
Tgt Ion: 75 Resp: 184516

Ion Ratio Lower Upper

75 100

77 37.8 19.7 59.0





#77

Bromobenzene

Concen: 46.485 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

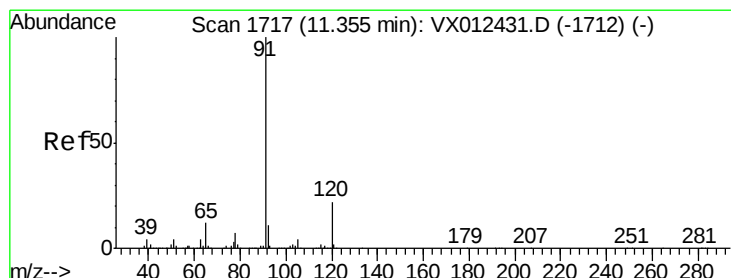
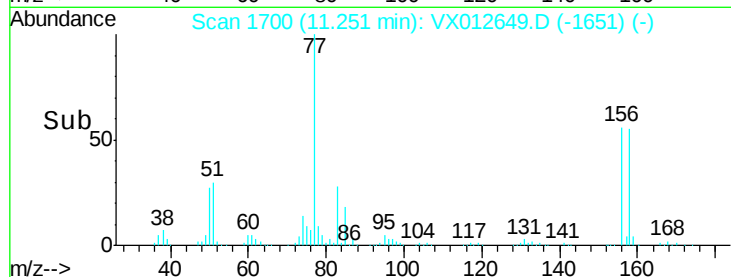
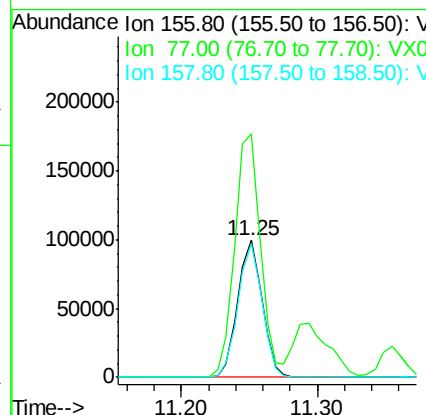
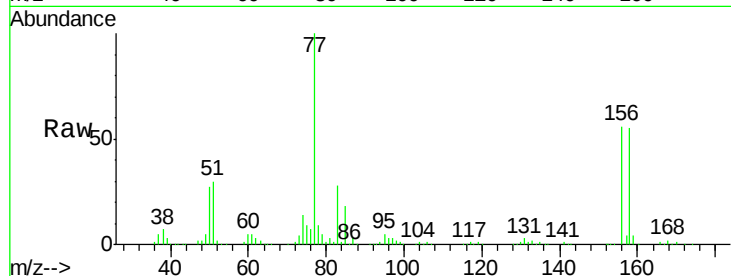
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	125719
Ion Ratio	Lower	Upper	
156	100		
77	187.2	87.3	261.8
158	96.3	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 48.844 ug/l

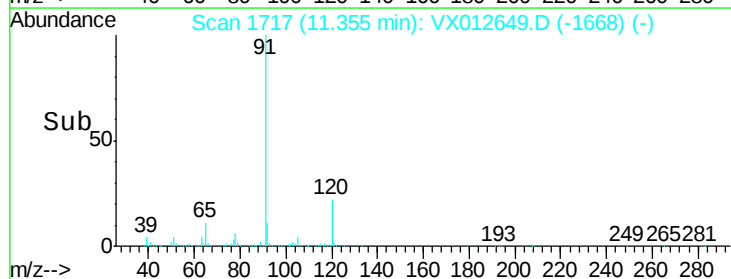
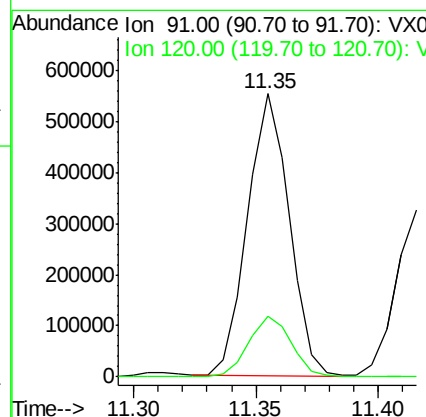
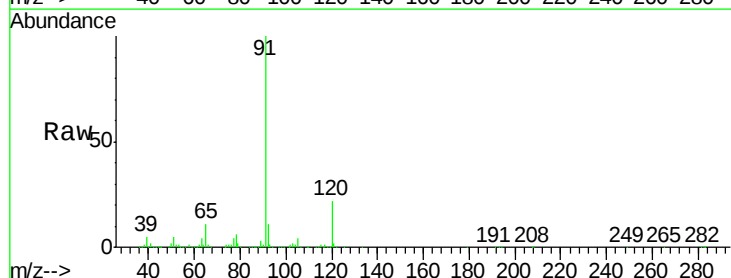
RT: 11.35 min Scan# 1717

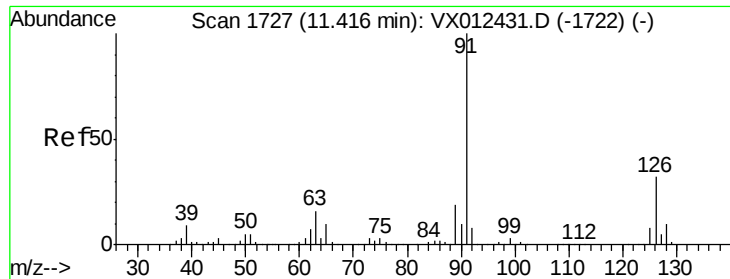
Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Tgt Ion:	91	Resp:	657100
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.3	33.8





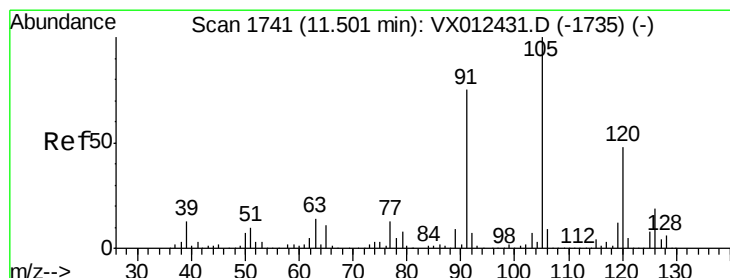
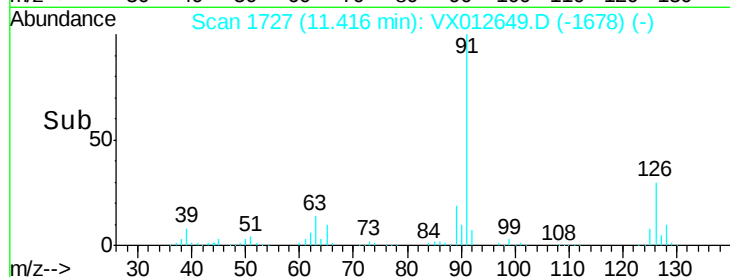
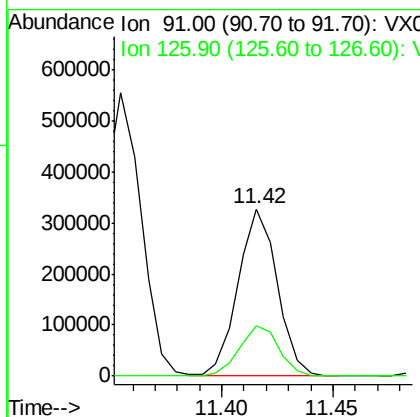
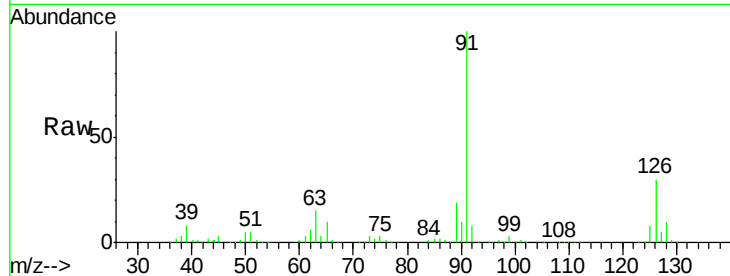
#79
 2-Chlorotoluene
 Concen: 47.610 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 399554
 Ion Ratio Lower Upper
 91 100
 126 31.1 16.4 49.4

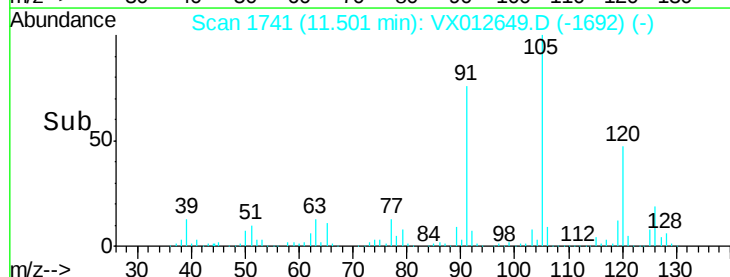
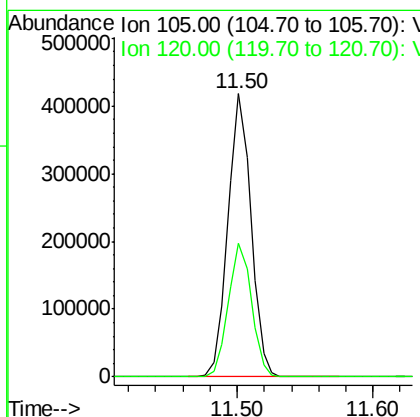
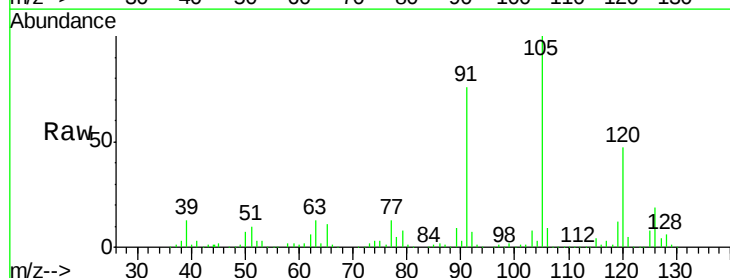
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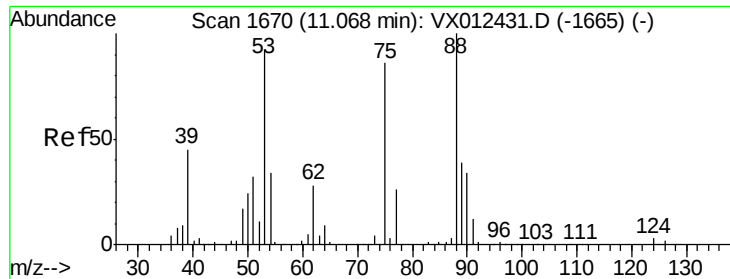
MMDadoda
 9/26/2019 9:33:30 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.992 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Tgt Ion: 105 Resp: 490934
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.8





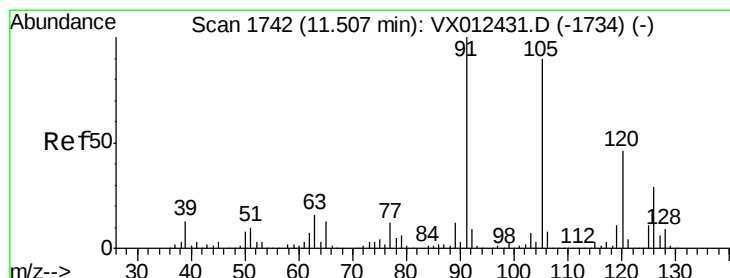
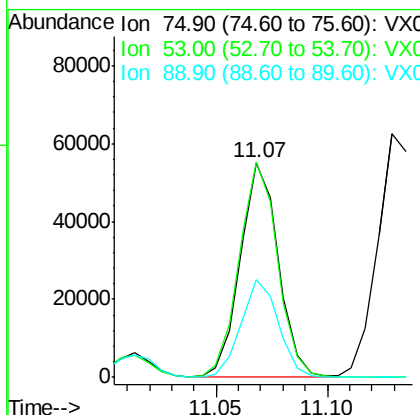
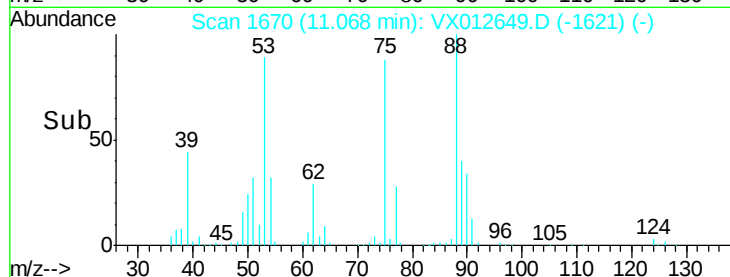
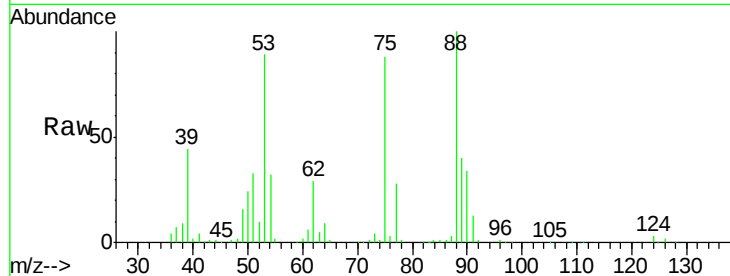
#81
trans-1,4-Dichloro-2-butene
Concen: 48.277 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.0	83.6	125.4
89	45.3	36.3	54.5

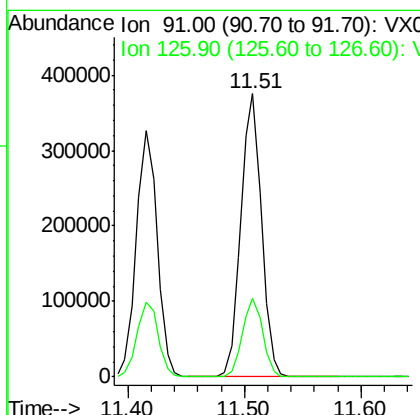
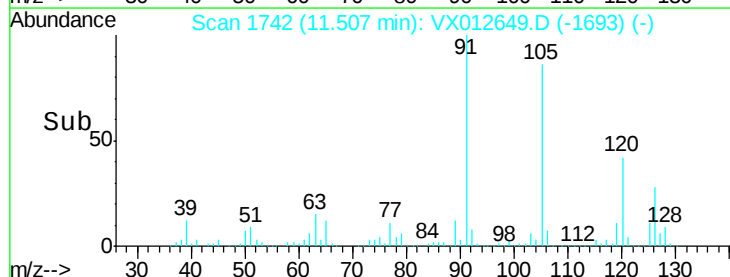
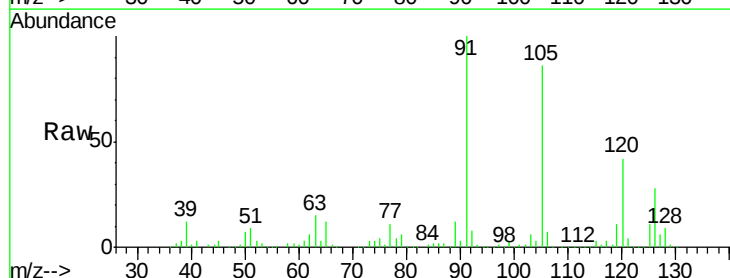
Manual Integrations
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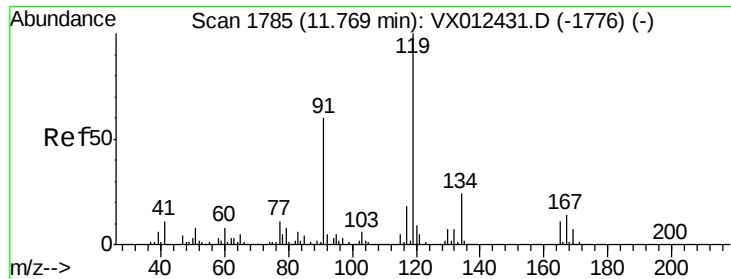
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.759 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.3	14.4	43.0





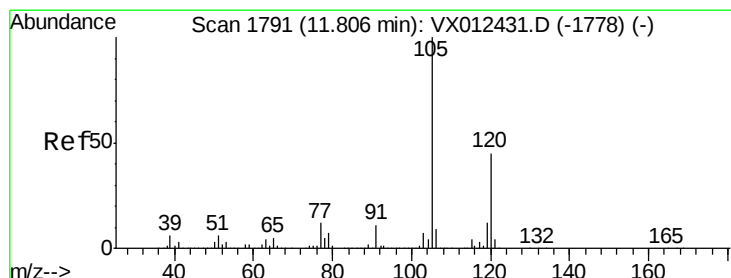
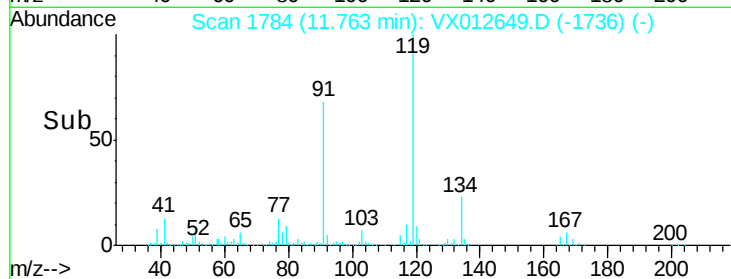
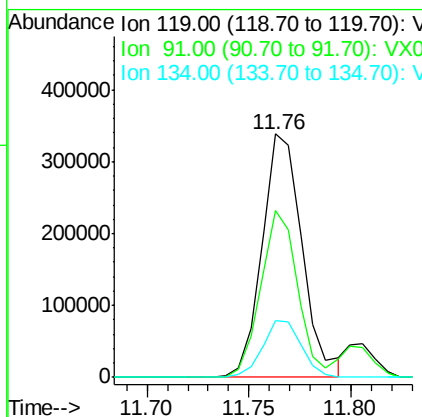
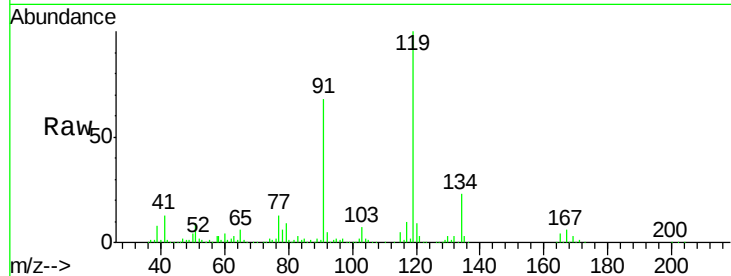
#83
tert-Butylbenzene
Concen: 48.038 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	464350		
91	62.7	30.0	90.0	
134	22.3	11.3	33.9	

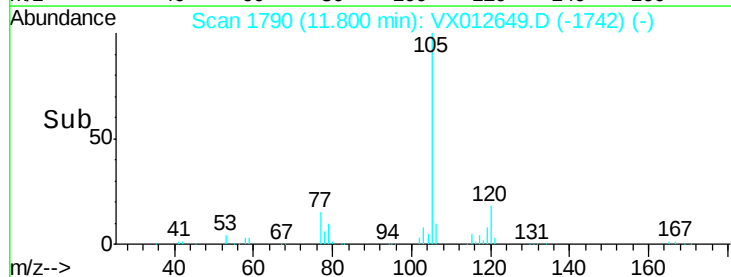
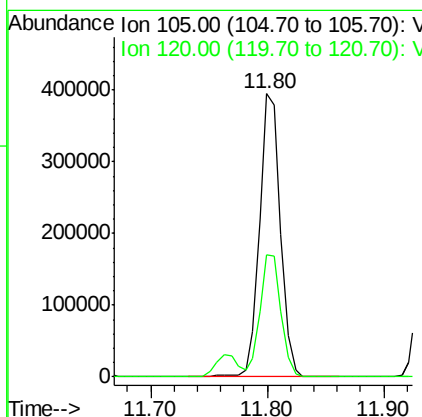
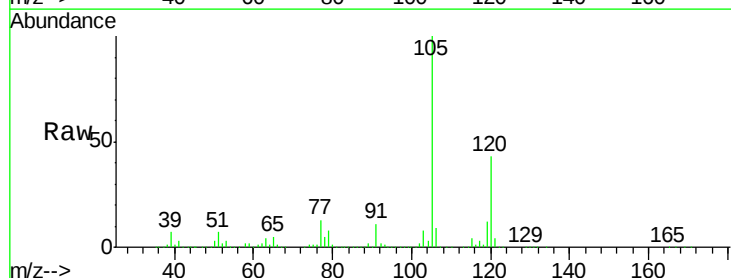
Manual Integrations
APPROVED

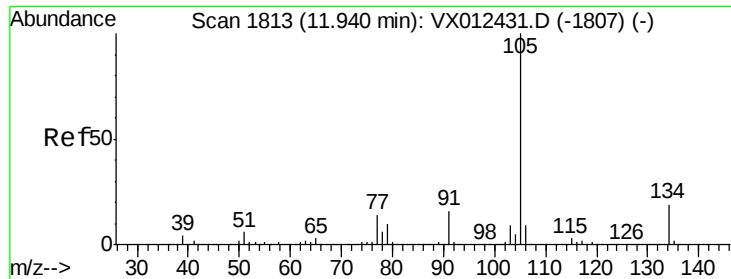
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 48.661 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	491894		
120	43.5	22.2	66.6	





#85

sec-Butylbenzene

Concen: 49.323 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 554536

Ion Ratio Lower Upper

105 100

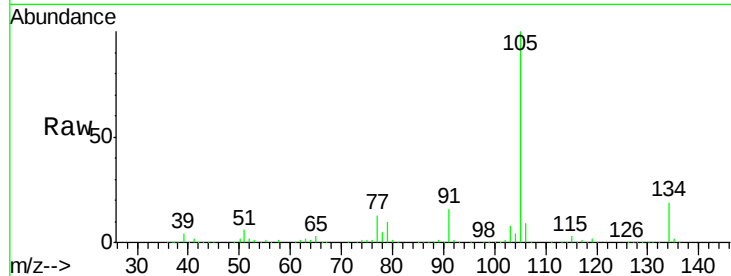
134 19.1 9.8 29.4

Manual Integrations

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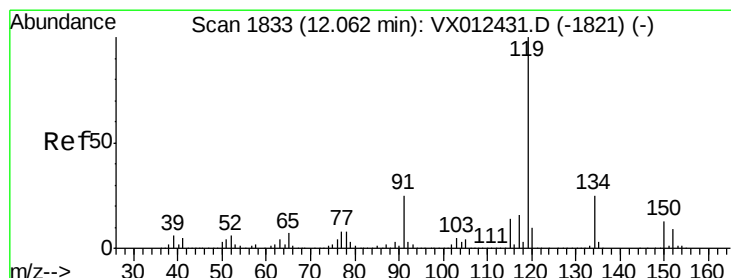
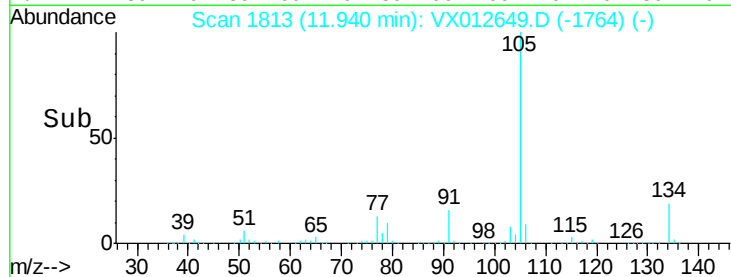
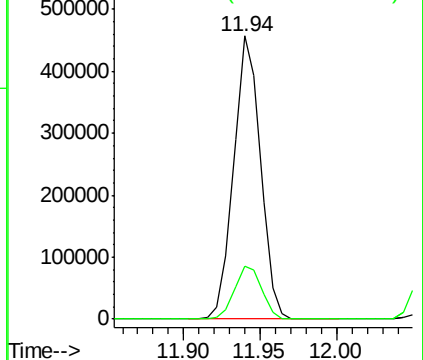
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.602 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

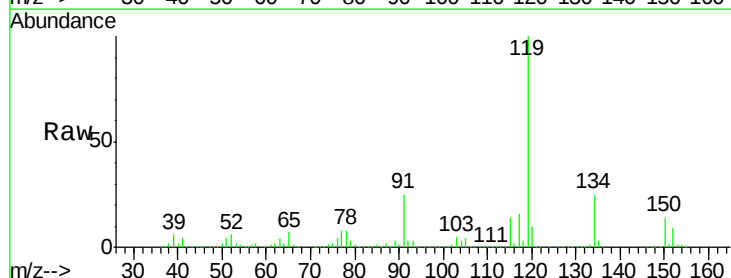
Tgt Ion:119 Resp: 513347

Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.1

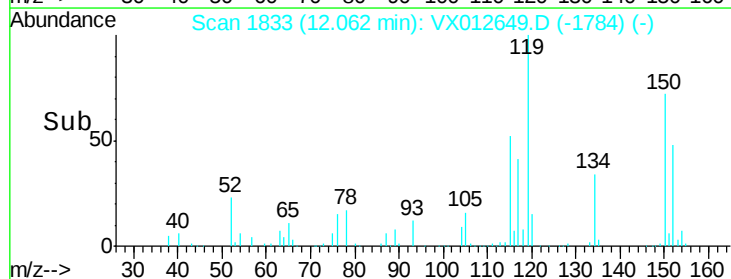
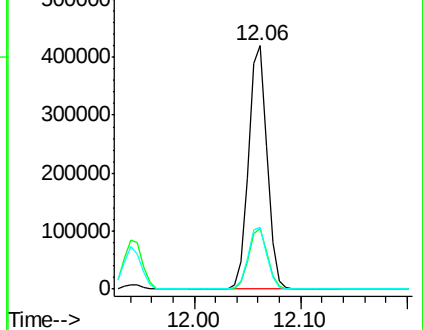
91 26.0 12.8 38.4

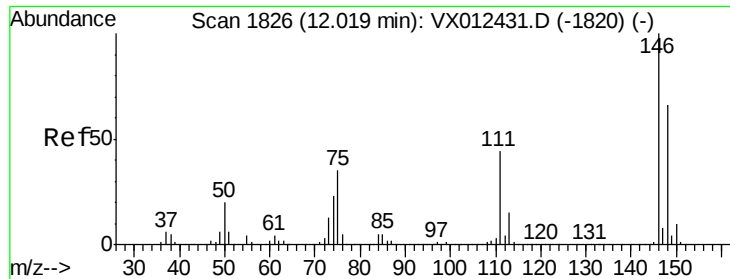


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





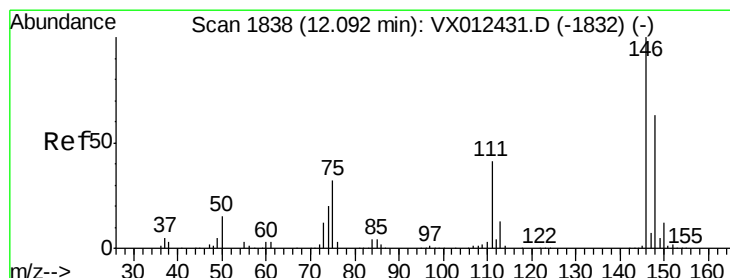
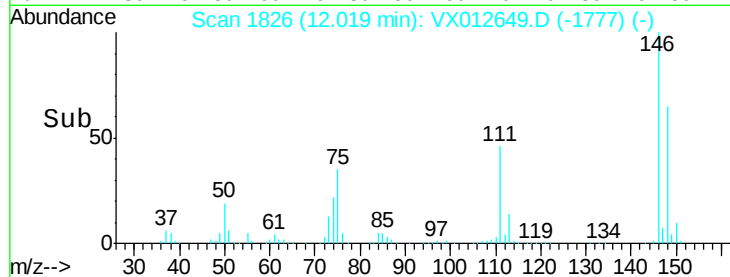
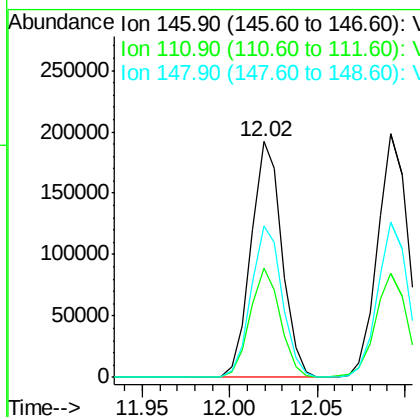
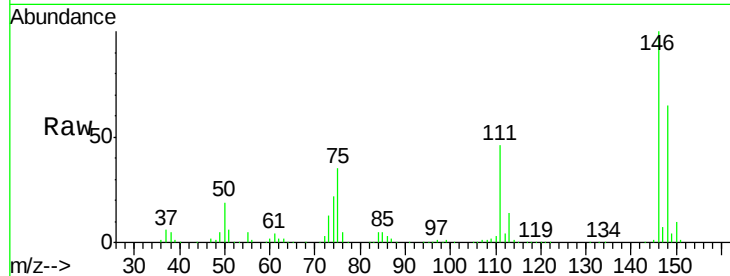
#87
 1,3-Dichlorobenzene
 Concen: 48.418 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.3	64.0
148	64.4	32.4	97.2

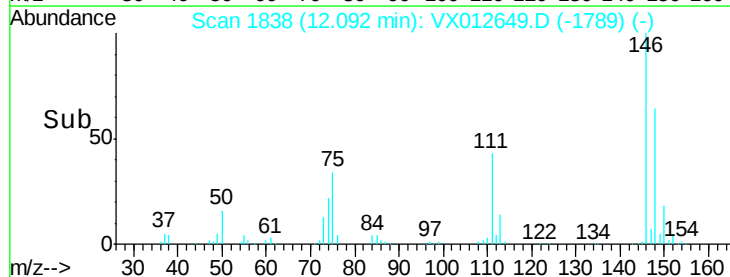
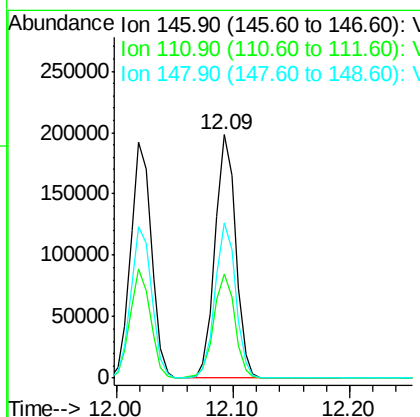
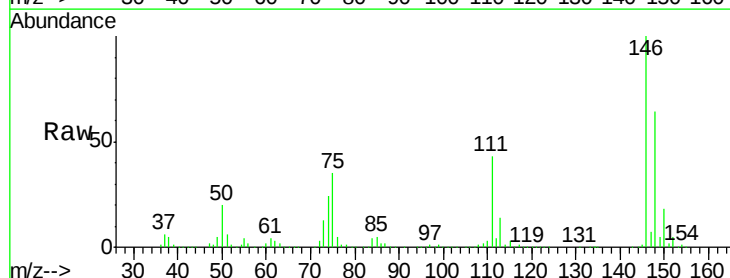
Manual Integrations
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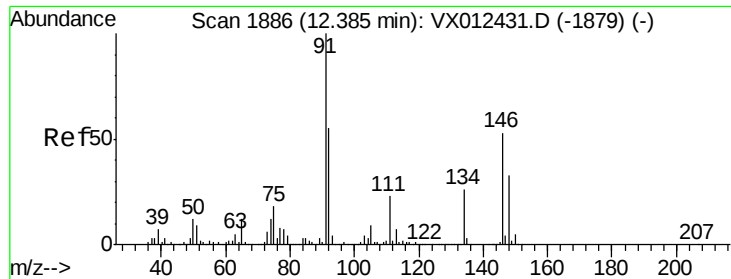
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#88
 1,4-Dichlorobenzene
 Concen: 48.966 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.1	63.3
148	63.5	32.1	96.5





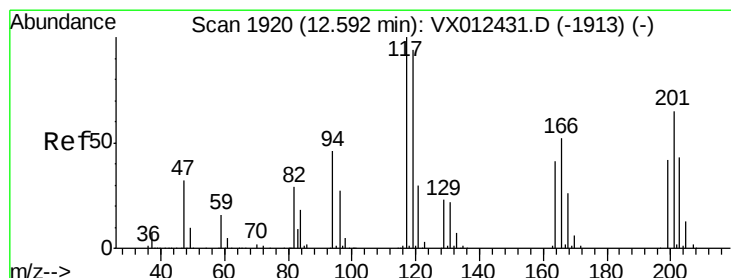
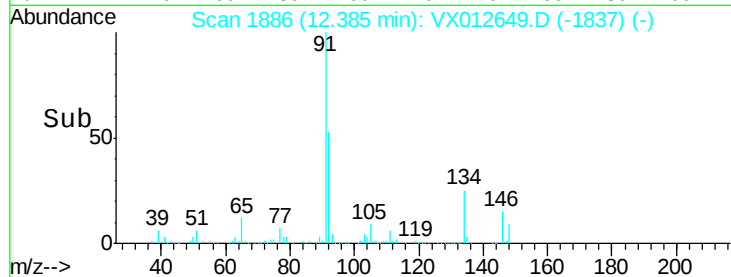
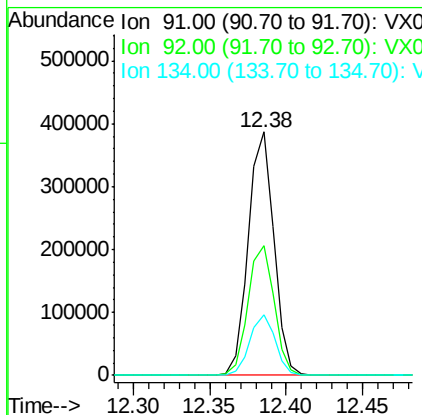
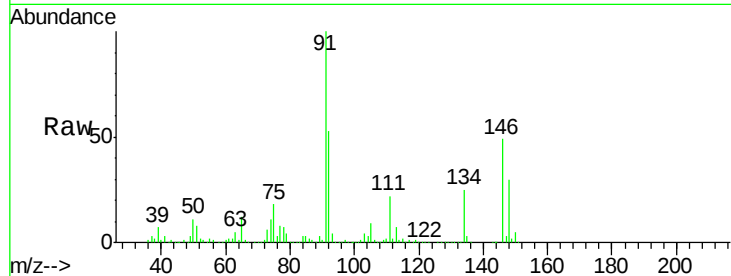
#89
n-Butylbenzene
Concen: 50.393 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.7	83.0
134	24.9	12.9	38.6

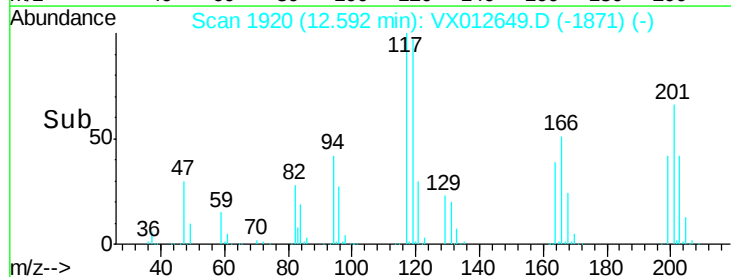
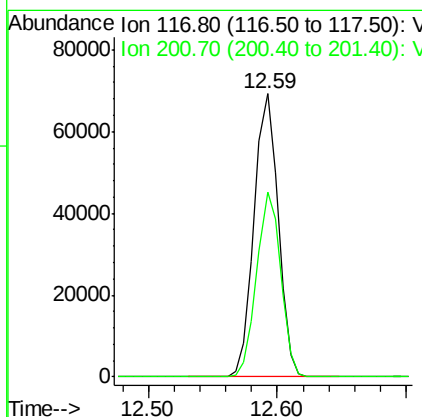
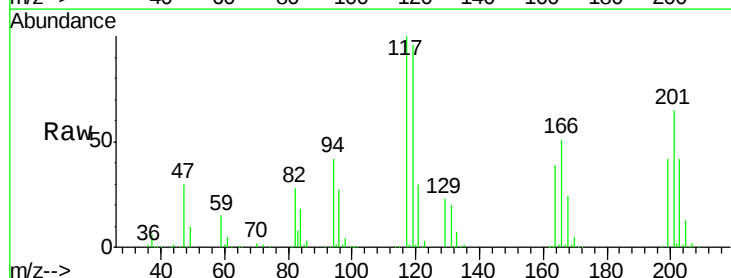
Manual Integrations
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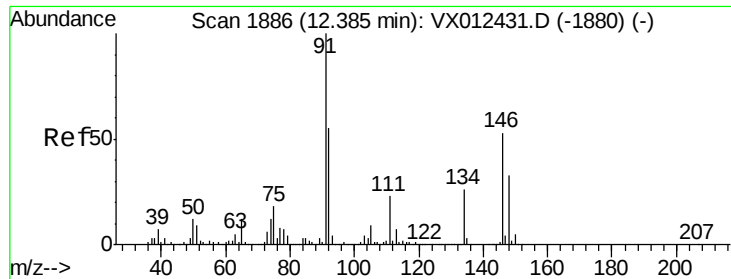
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#90
Hexachloroethane
Concen: 49.179 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012649.D
Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.3	33.3	99.8





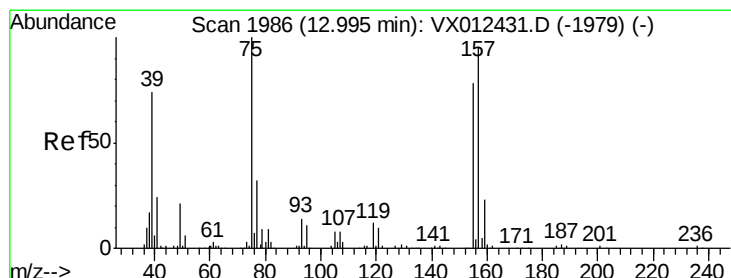
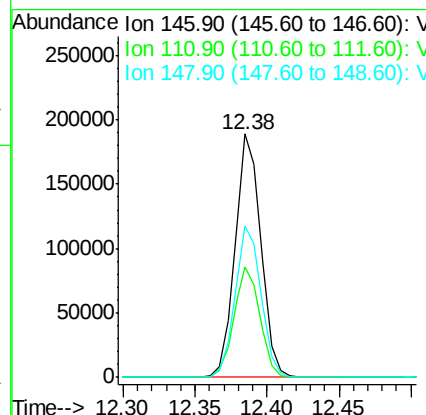
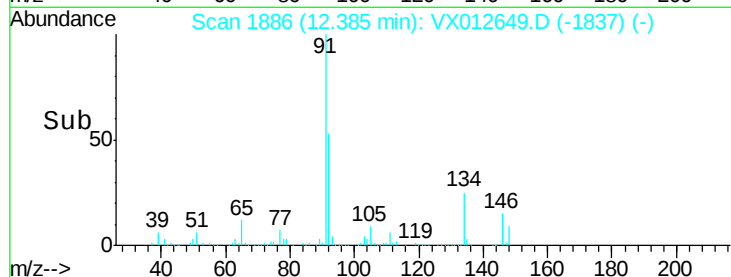
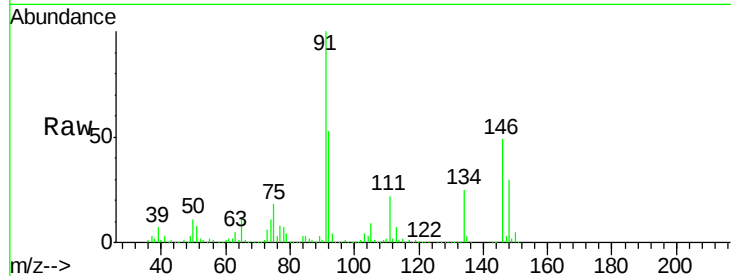
#91
 1,2-Dichlorobenzene
 Concen: 48.720 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	237395		
111	45.8	22.1	66.1	
148	62.7	31.3	93.9	

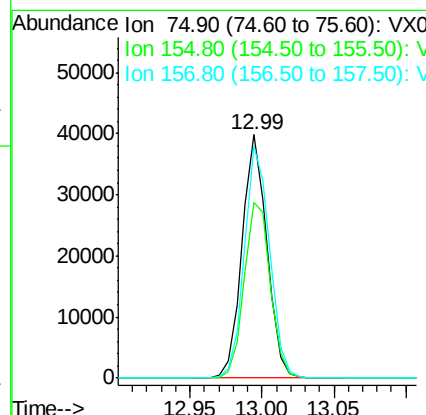
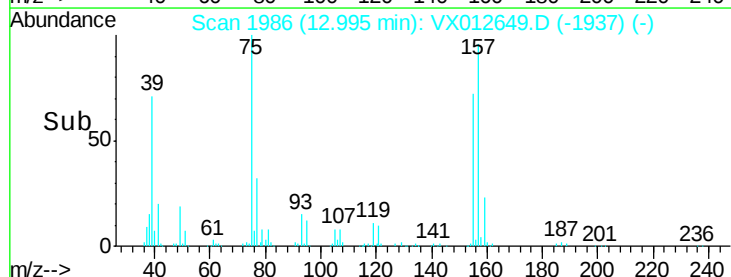
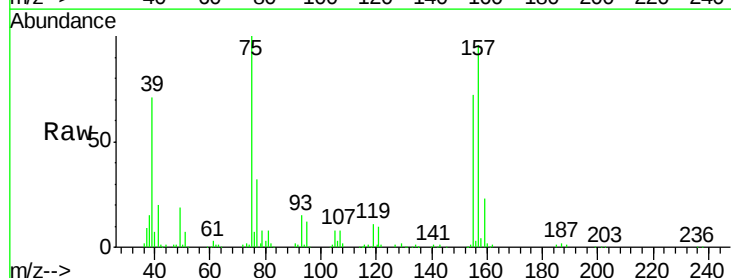
Manual Integrations
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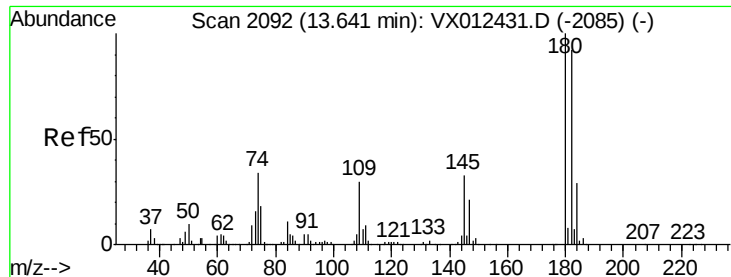
MMDadoda
 9/26/2019 9:33:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.319 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47834		
155	75.2	38.6	115.8	
157	96.2	50.6	151.9	





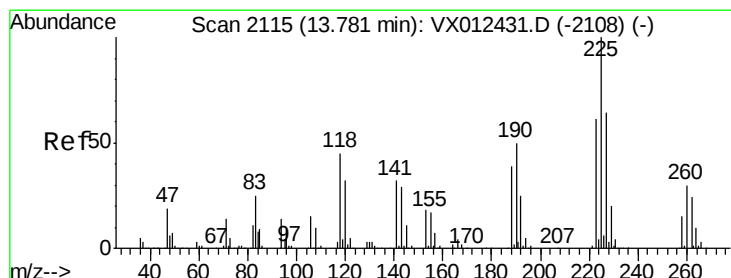
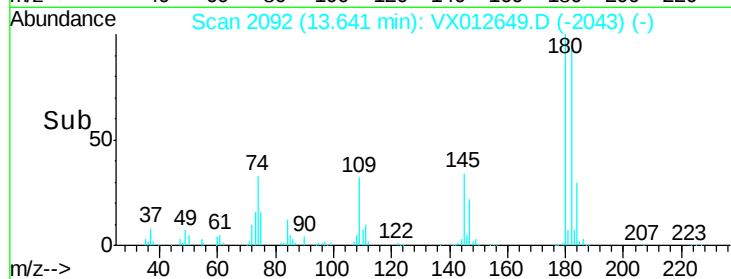
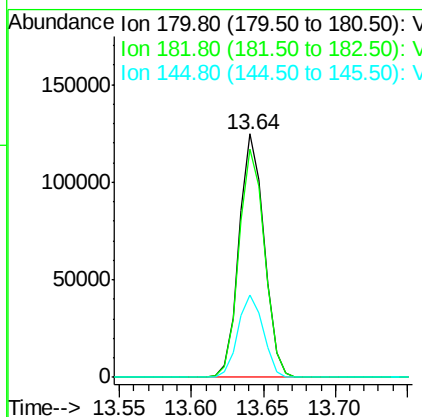
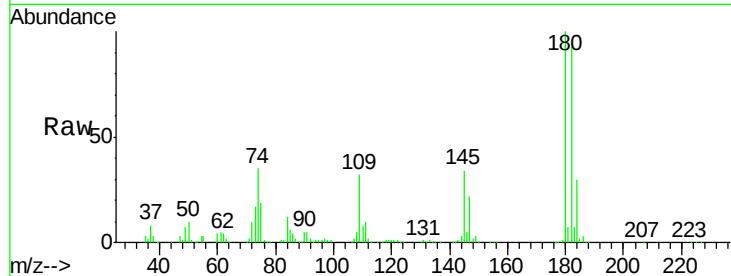
#93
 1,2,4-Trichlorobenzene
 Concen: 50.738 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	150773		
182	95.9	47.0	141.0	
145	34.4	16.8	50.4	

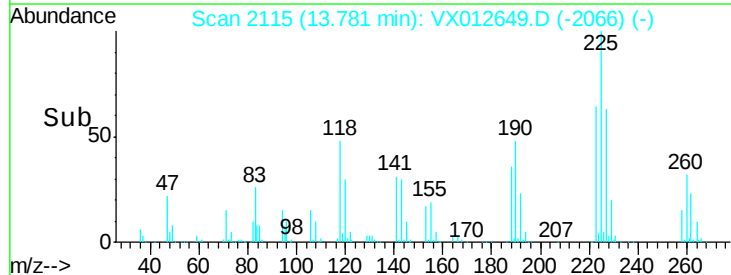
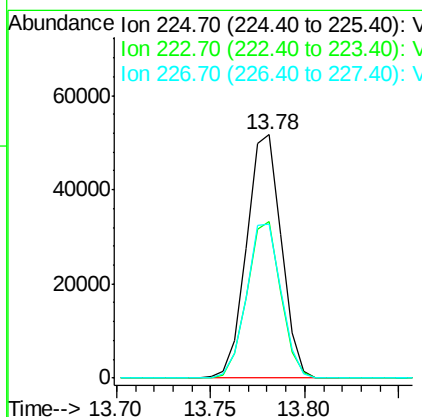
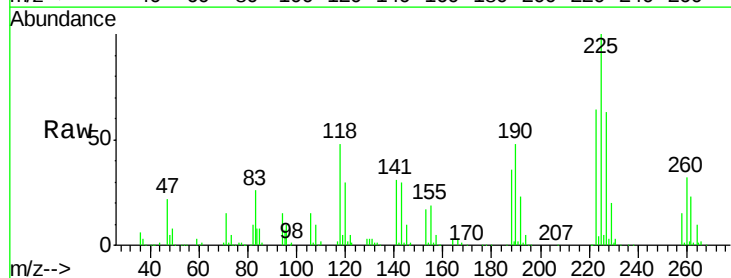
Manual Integrations
 APPROVED

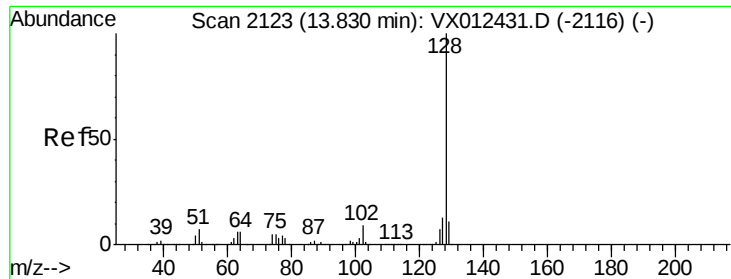
MMDadoda
 9/26/2019 9:33:30 AM



#94
 Hexachlorobutadiene
 Concen: 51.679 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012649.D
 Acq: 25 Sep 2019 10:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	66066		
223	62.4	32.0	96.2	
227	63.2	31.9	95.5	





#95

Naphthalene

Concen: 51.252 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Instrument :

MSVOA_X

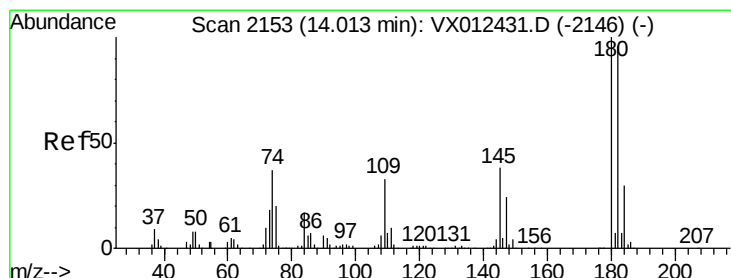
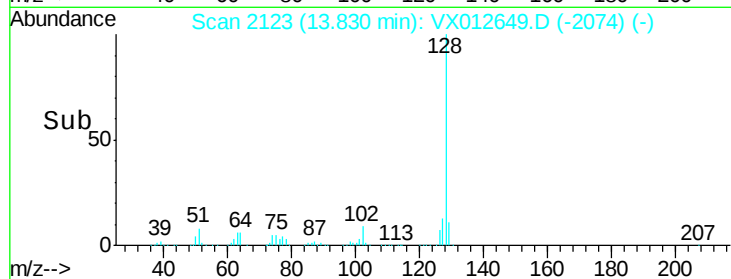
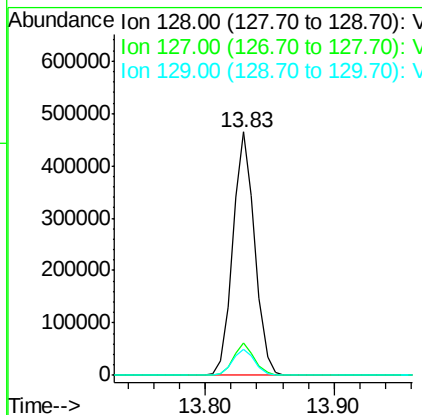
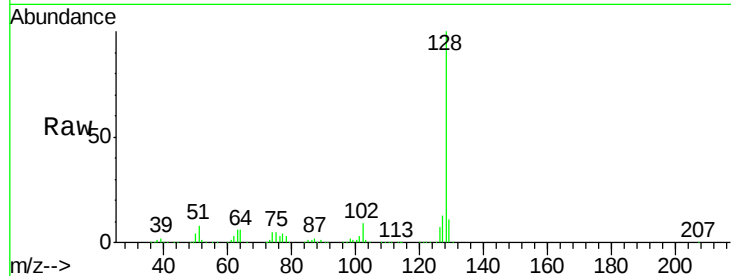
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	551029
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
9/26/2019 9:33:30 AM



#96

1,2,3-Trichlorobenzene

Concen: 49.801 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012649.D

Acq: 25 Sep 2019 10:09

Tgt Ion:	180	Resp:	148244
Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.1	141.3
145	36.6	18.0	54.0

