

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012465.D
 Acq On : 18 Sep 2019 11:55
 Operator : JC/SP
 Sample : VX0918WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:04:21 PM

Quant Time: Sep 19 06:40:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	199360	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	329838	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	293586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	140275	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	138276	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	5.49	113	99849	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.71	98	369057	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
62) 4-Bromofluorobenzene	11.14	95	145688	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	25477	19.396	ug/l	96
3) Chloromethane	1.32	50	21162	19.308	ug/l	100
4) Vinyl Chloride	1.40	62	22926	19.353	ug/l	100
5) Bromomethane	1.63	94	12731	27.355	ug/l	98
6) Chloroethane	1.72	64	15532	16.755	ug/l	91
7) Trichlorofluoromethane	1.92	101	43297	19.938	ug/l	99
8) Diethyl Ether	2.18	74	18308	18.666	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	30756	19.575	ug/l	98
10) Methyl Iodide	2.50	142	20559	18.335	ug/l	97
11) Tert butyl alcohol	3.03	59	67748	89.736	ug/l	99
12) 1,1-Dichloroethene	2.36	96	24617	19.640	ug/l	94
13) Acrolein	2.28	56	19291	75.718	ug/l	100
14) Allyl chloride	2.72	41	53187	18.227	ug/l	96
15) Acrylonitrile	3.13	53	117697	95.059	ug/l	100
16) Acetone	2.43	43	128847	93.716	ug/l	99
17) Carbon Disulfide	2.56	76	30060	18.152	ug/l	96
18) Methyl Acetate	2.76	43	56184	18.871	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	131087	19.182	ug/l	99
20) Methylene Chloride	2.85	84	32853	18.999	ug/l	91
21) trans-1,2-Dichloroethene	3.15	96	25783	19.809	ug/l	93
22) Diisopropyl ether	3.84	45	128444	18.799	ug/l	94
23) Vinyl Acetate	3.80	43	534796	95.153	ug/l	98
24) 1,1-Dichloroethane	3.69	63	64111	19.611	ug/l	97
25) 2-Butanone	4.66	43	182469	92.065	ug/l	99
26) 2,2-Dichloropropane	4.57	77	59219	18.419	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	38020	19.554	ug/l	97
28) Bromochloromethane	5.00	49	30848	18.304	ug/l	96
29) Tetrahydrofuran	5.12	42	105350	96.218	ug/l	100
30) Chloroform	5.20	83	71997	19.177	ug/l	94
31) Cyclohexane	5.58	56	39127	19.827	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	60766	19.365	ug/l	100
36) 1,1-Dichloropropene	5.79	75	38062	18.987	ug/l	97
37) Ethyl Acetate	4.82	43	61760	20.071	ug/l	99
38) Carbon Tetrachloride	5.78	117	48421	19.421	ug/l	96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	39250	20.141	ug/l	97
40) Benzene	6.14	78	128013	20.082	ug/l	100
41) Methacrylonitrile	5.04	41	36941	18.645	ug/l	95
42) 1,2-Dichloroethane	6.18	62	57424	19.422	ug/l	98
43) Isopropyl Acetate	6.43	43	103962	18.824	ug/l	99
44) Trichloroethene	7.21	130	34889	20.806	ug/l	99
45) 1,2-Dichloropropane	7.51	63	37973	19.390	ug/l	98
46) Dibromomethane	7.66	93	24782	19.554	ug/l	99
47) Bromodichloromethane	7.89	83	54957	19.476	ug/l	99
48) Methyl methacrylate	7.76	41	49946	19.185	ug/l	98
49) 1,4-Dioxane	7.73	88	23677	373.682	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	345028	95.265	ug/l	99
52) Toluene	8.78	92	80879	19.690	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	55523	18.928	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	58693	19.327	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	41023	19.385	ug/l	97
56) Ethyl methacrylate	9.17	69	63640	19.234	ug/l	98
57) 1,3-Dichloropropane	9.37	76	66211	19.610	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	168642	98.466	ug/l	99
59) 2-Hexanone	9.49	43	267101	94.529	ug/l	99
60) Dibromochloromethane	9.58	129	42444	19.690	ug/l	99
61) 1,2-Dibromoethane	9.67	107	38982	20.169	ug/l	99
64) Tetrachloroethene	9.33	164	29205	21.709	ug/l	98
65) Chlorobenzene	10.14	112	97721	20.167	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	40478	20.128	ug/l	99
67) Ethyl Benzene	10.24	91	167117	20.074	ug/l	98
68) m/p-Xylenes	10.35	106	123112	40.643	ug/l	98
69) o-Xylene	10.70	106	62386	20.027	ug/l	100
70) Styrene	10.71	104	110047	19.966	ug/l	99
71) Bromoform	10.85	173	29327	18.835	ug/l #	99
73) Isopropylbenzene	11.01	105	176495	20.053	ug/l	99
74) N-amyl acetate	10.89	43	89815	18.954	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	68217	19.758	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	64259m	19.942	ug/l	
77) Bromobenzene	11.25	156	42676	19.882	ug/l	99
78) n-propylbenzene	11.35	91	193366	19.712	ug/l	99
79) 2-Chlorotoluene	11.42	91	123099	19.289	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	149887	19.968	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	19294	18.516	ug/l	92
82) 4-Chlorotoluene	11.51	91	142450	19.449	ug/l	100
83) tert-Butylbenzene	11.77	119	153057	19.029	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	151196	19.618	ug/l	100
85) sec-Butylbenzene	11.94	105	173269	19.550	ug/l	100
86) p-Isopropyltoluene	12.06	119	157783	19.387	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	78840	19.526	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	79240	19.105	ug/l	98
89) n-Butylbenzene	12.38	91	131715	18.139	ug/l	99
90) Hexachloroethane	12.59	117	27295	18.291	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	83380	19.757	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	17137	19.145	ug/l	99

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ClientSampleId :
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QLast Update : Tue Sep 17 15:27:10 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	52010	19.133	ug/l	99
94) Hexachlorobutadiene	13.78	225	23551	18.382	ug/l	99
95) Naphthalene	13.83	128	193074	19.962	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	54968	19.844	ug/l	100

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

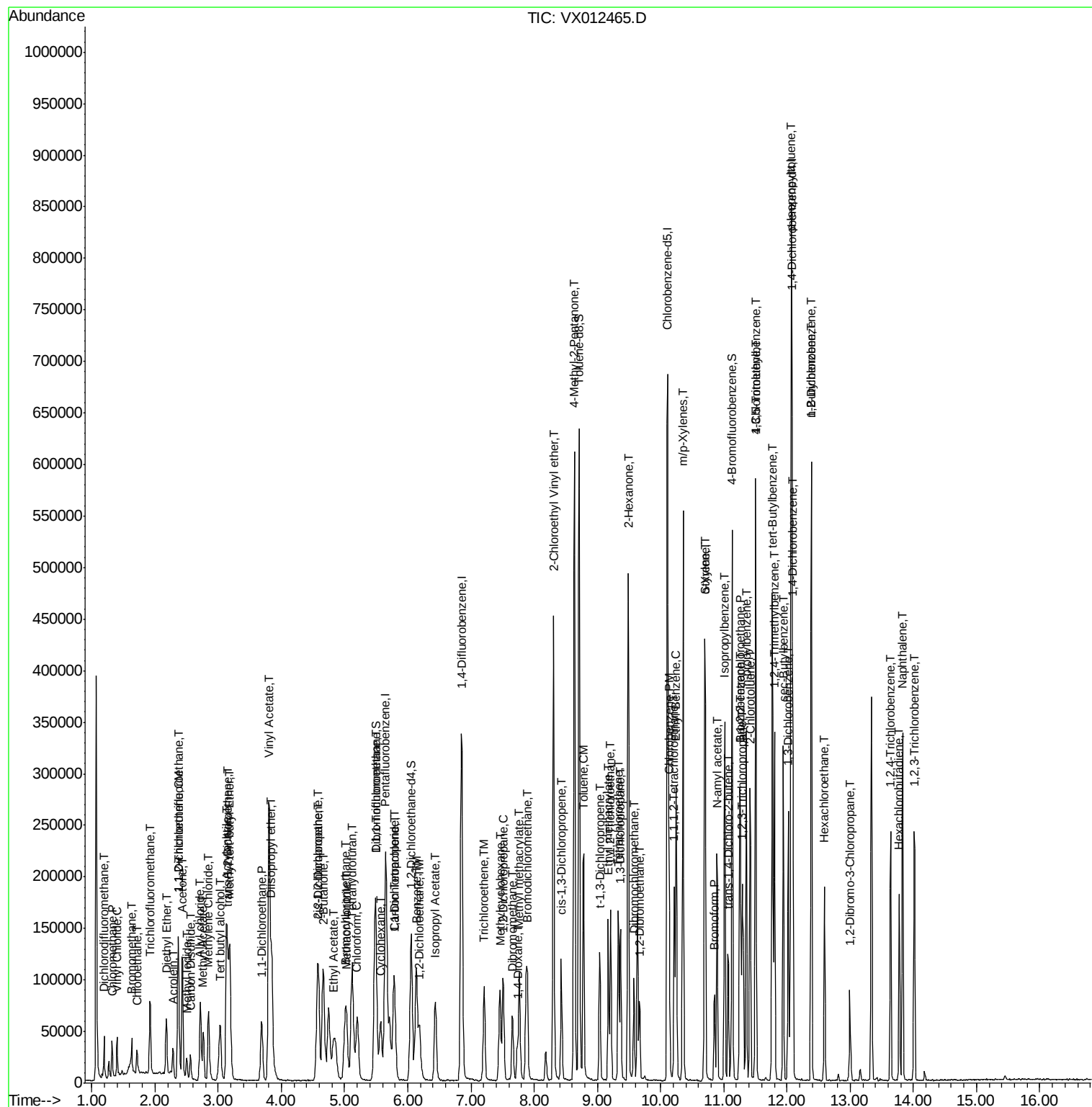
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 Data File : VX012465.D
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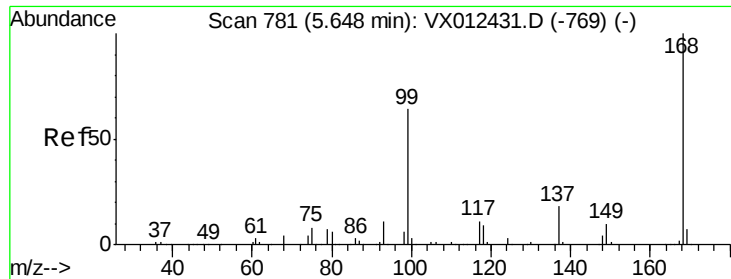
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0918WBS01

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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: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion:168 Resp: 199360

Ion Ratio Lower Upper

168 100

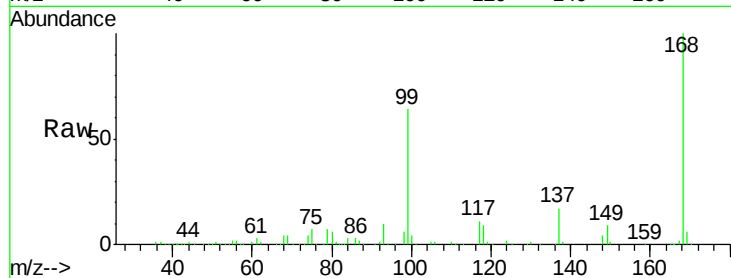
99 63.7 51.4 77.2

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

80000

60000

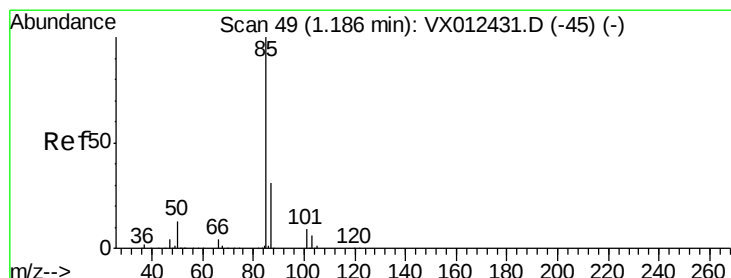
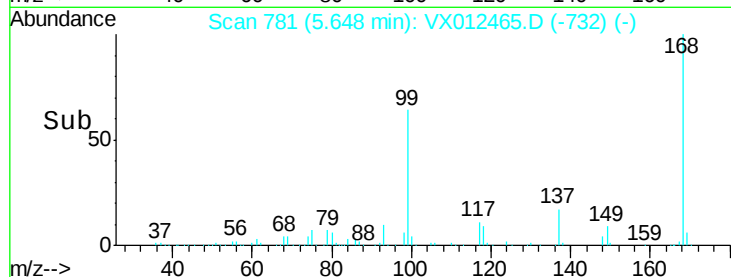
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.396 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012465.D

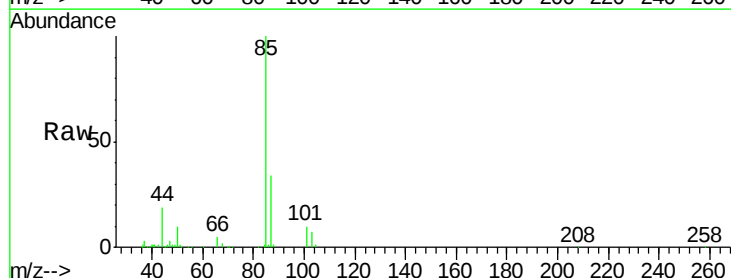
Acq: 18 Sep 2019 11:55

Tgt Ion: 85 Resp: 25477

Ion Ratio Lower Upper

85 100

87 33.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

25000

20000

15000

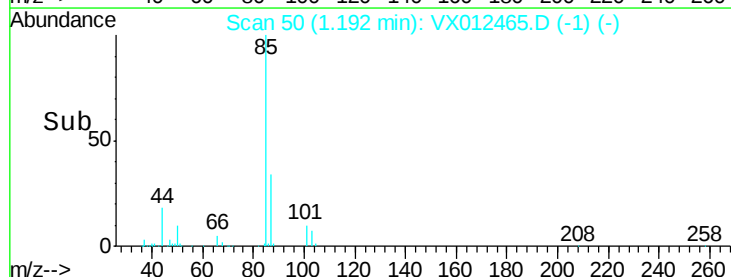
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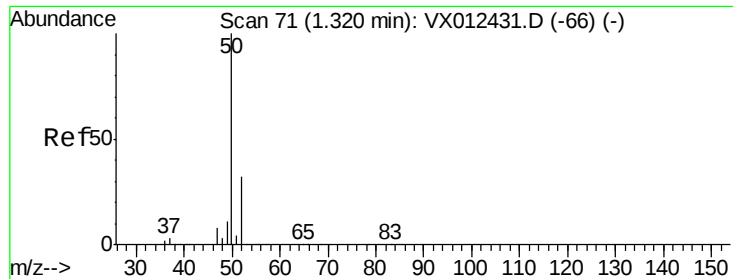
5000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 19.308 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion: 50 Resp: 21162

Ion Ratio Lower Upper

50 100

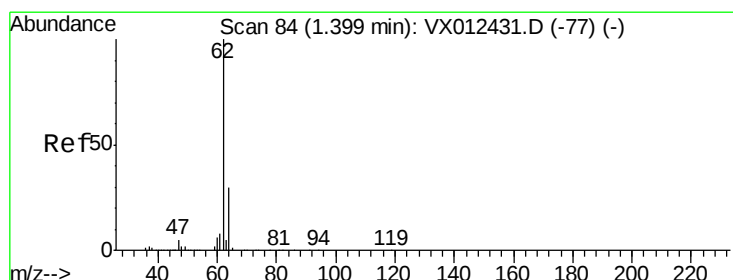
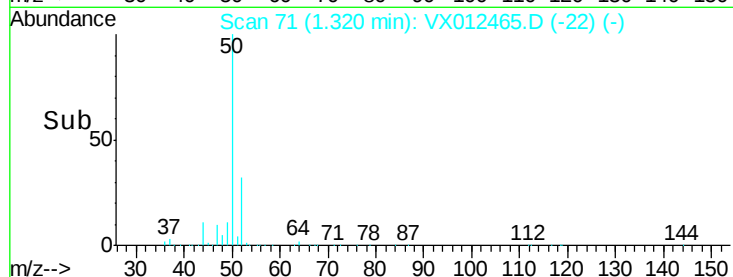
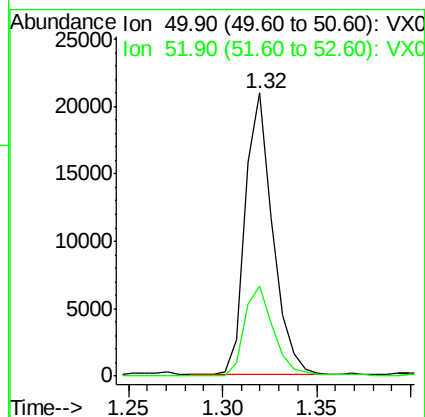
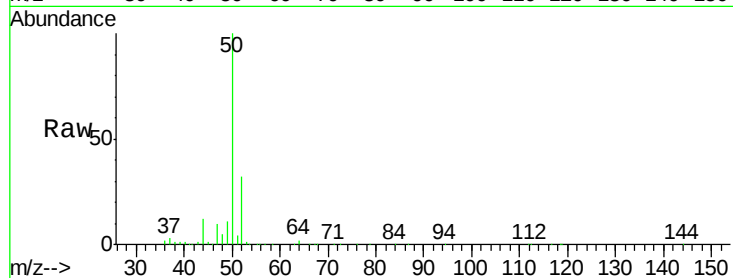
52 32.1 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.353 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012465.D

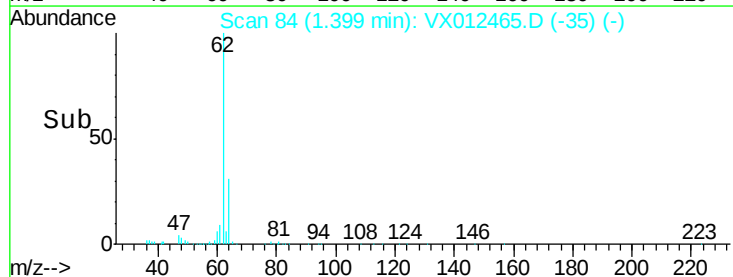
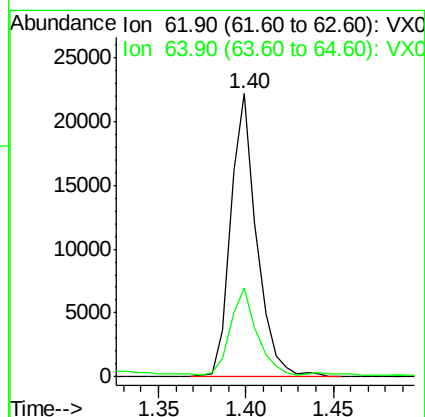
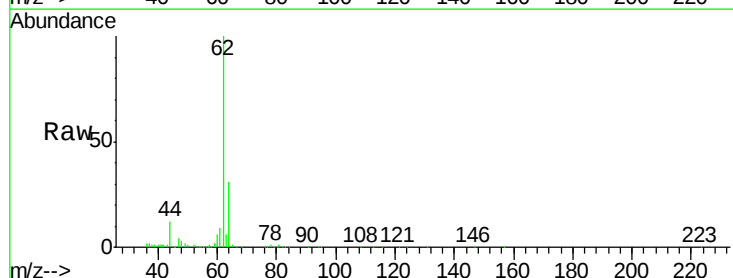
Acq: 18 Sep 2019 11:55

Tgt Ion: 62 Resp: 22926

Ion Ratio Lower Upper

62 100

64 30.3 24.2 36.2





#5

Bromomethane

Concen: 27.355 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion: 94 Resp: 12731

Ion Ratio Lower Upper

94 100

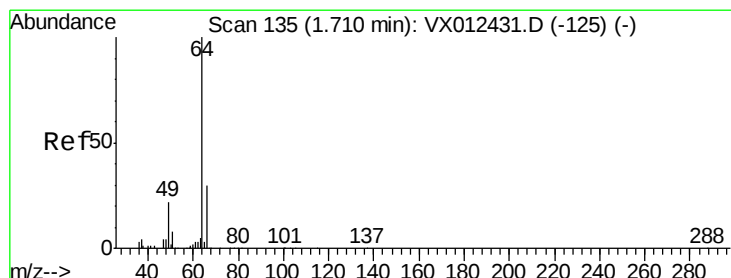
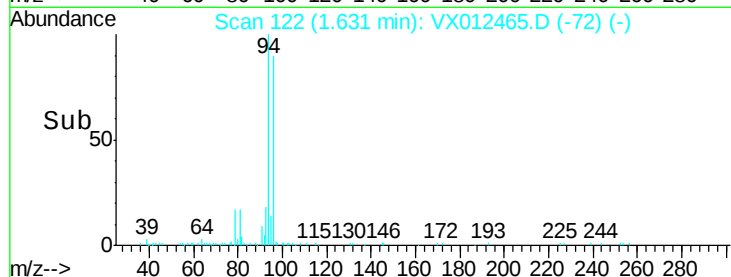
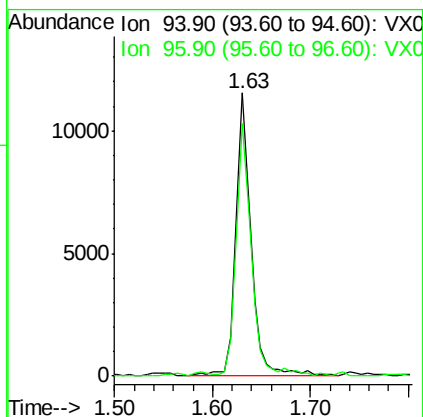
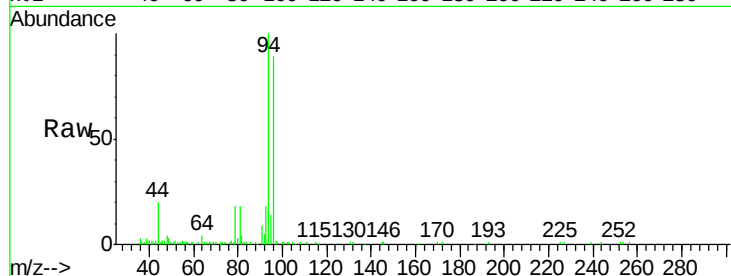
96 89.1 72.8 109.2

Manual Integrations

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#6

Chloroethane

Concen: 16.755 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012465.D

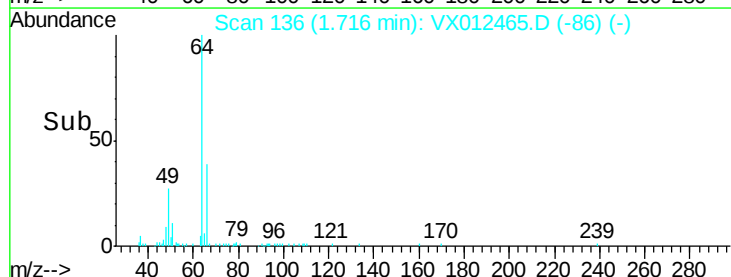
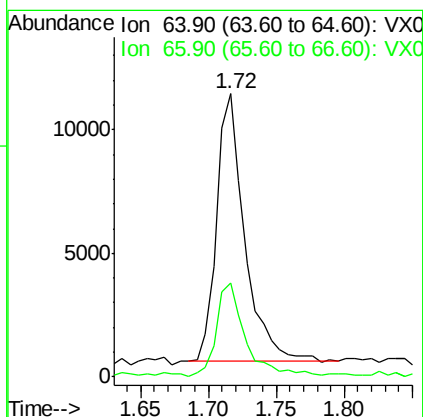
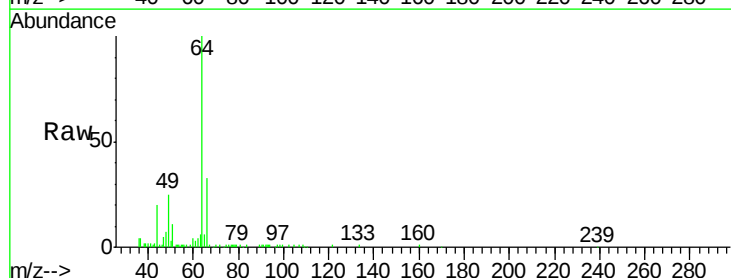
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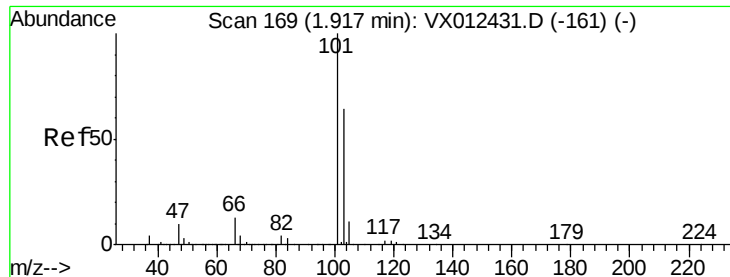
Tgt Ion: 64 Resp: 15532

Ion Ratio Lower Upper

64 100

66 35.0 24.0 36.0





#7

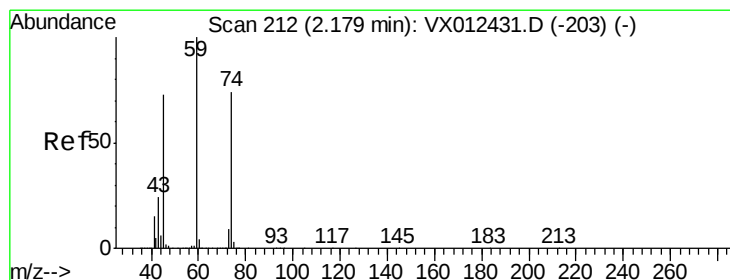
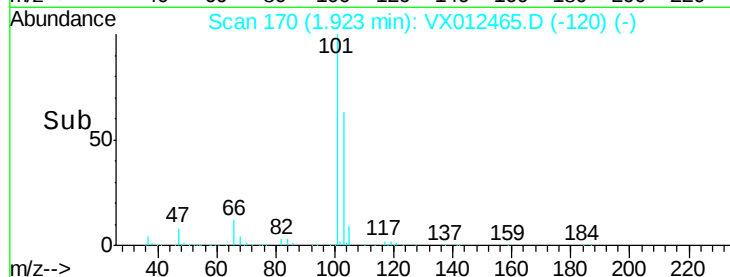
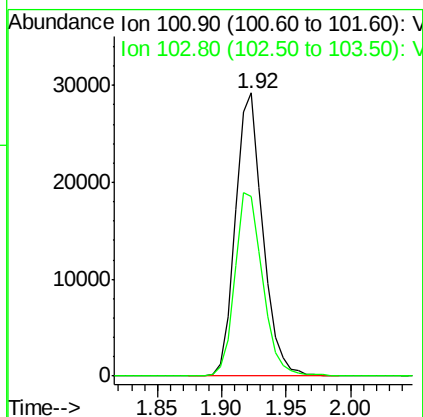
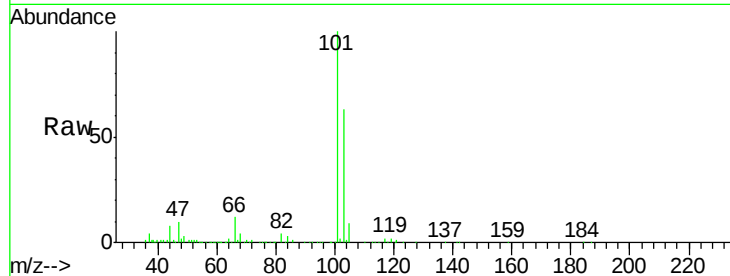
Trichlorofluoromethane
 Concen: 19.938 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.0	76.4

Manual Integrations
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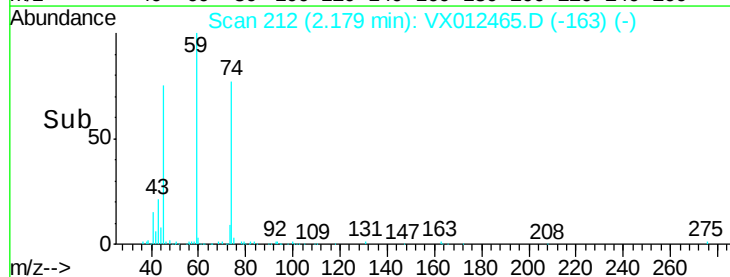
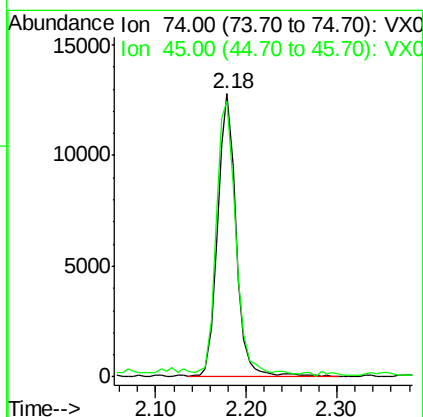
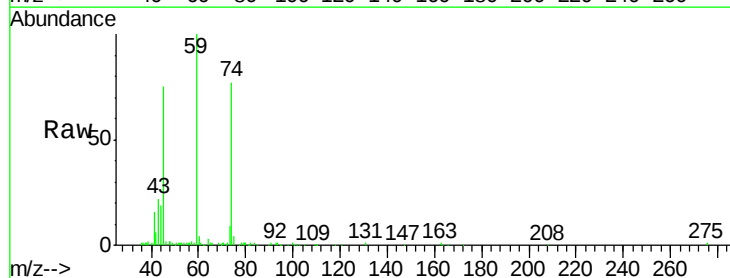
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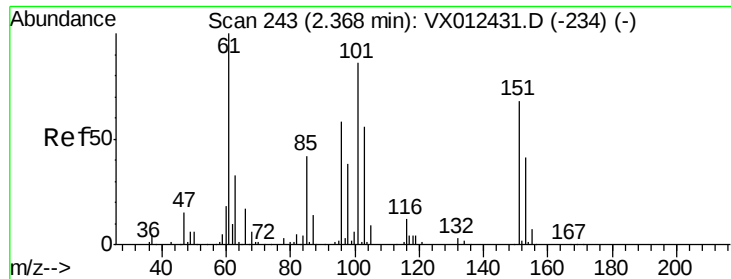


#8

Diethyl Ether
 Concen: 18.666 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.575 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

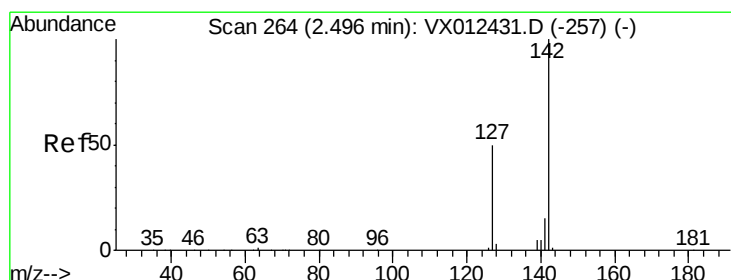
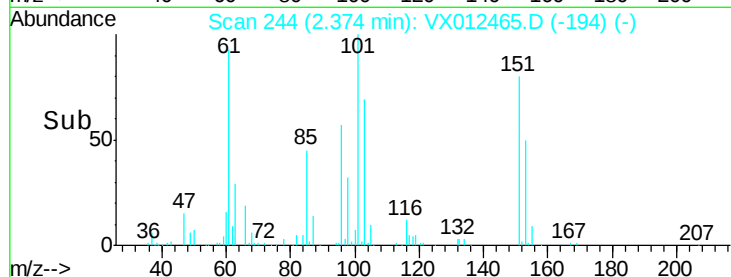
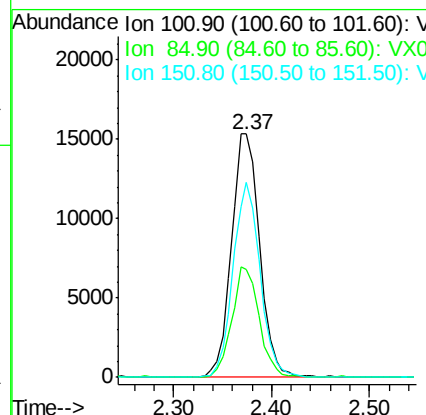
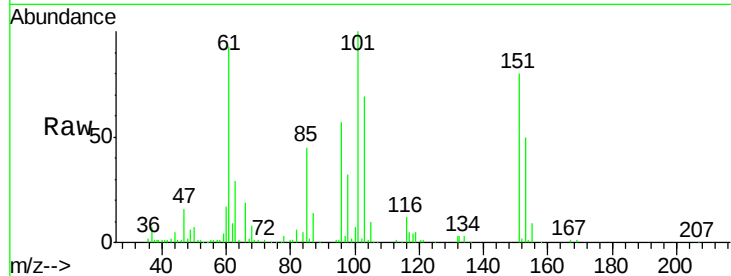
ClientSampleId :

VX0918WBS01

Tot Ion:	101	Resp:	30756
Ion Ratio	Lower	Upper	
101	100		
85	43.9	37.3	55.9
151	76.5	61.0	91.4

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#10

Methyl Iodide

Concen: 18.335 ug/l

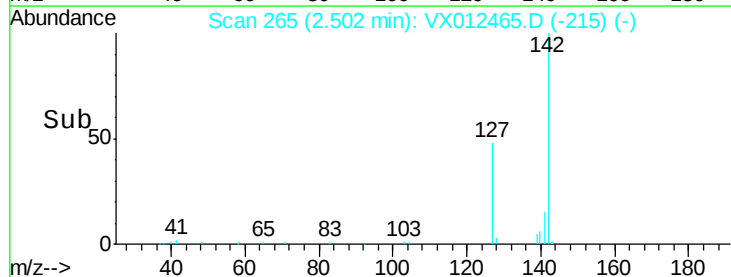
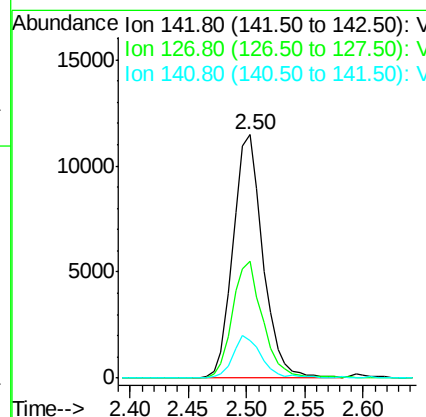
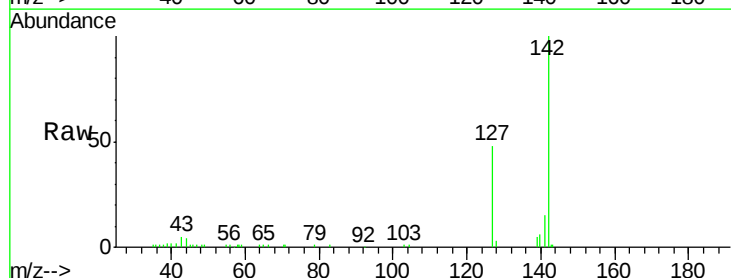
RT: 2.50 min Scan# 265

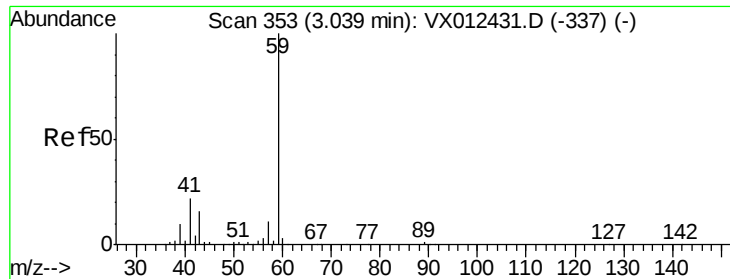
Delta R.T. 0.01 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Tgt Ion:	142	Resp:	20559
Ion Ratio	Lower	Upper	
142	100		
127	48.6	40.8	61.2
141	16.6	12.1	18.1





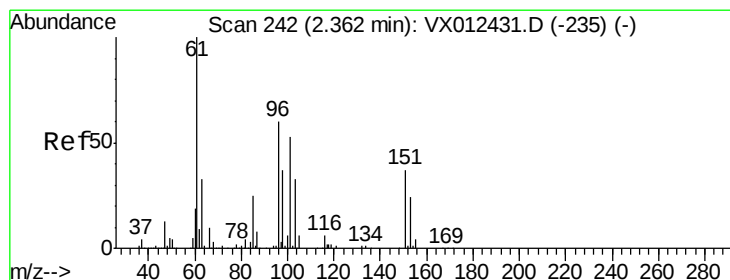
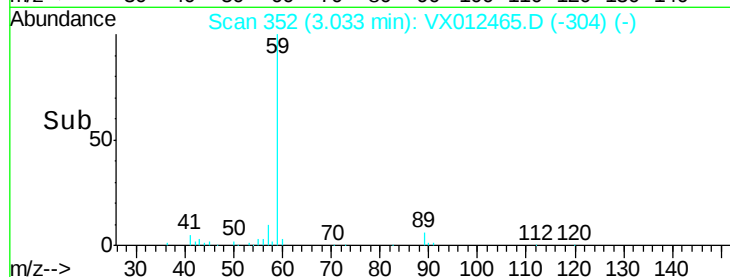
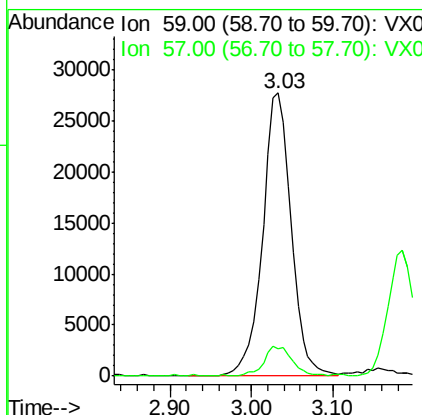
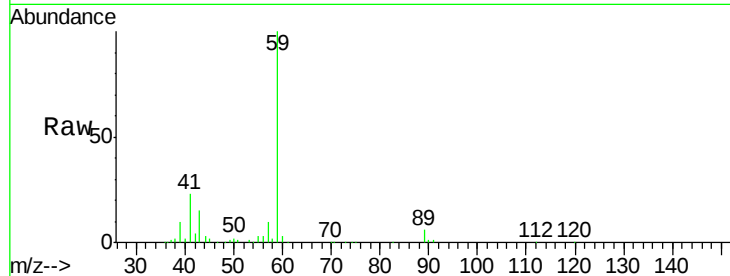
#11
Tert butyl alcohol
Concen: 89.736 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion: 59 Resp: 67748
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

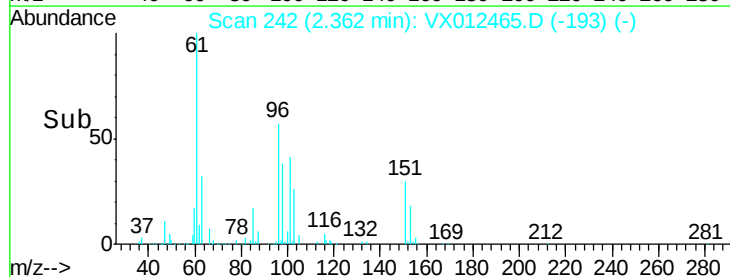
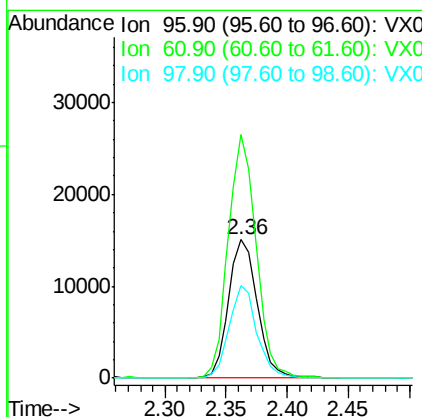
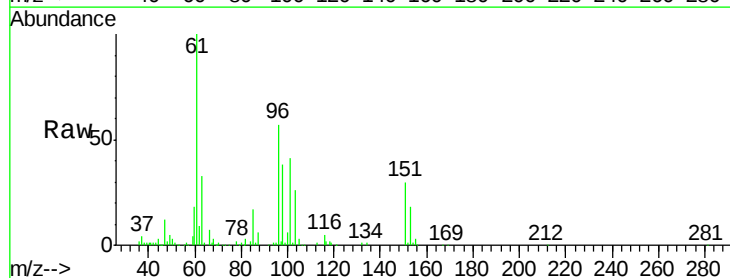
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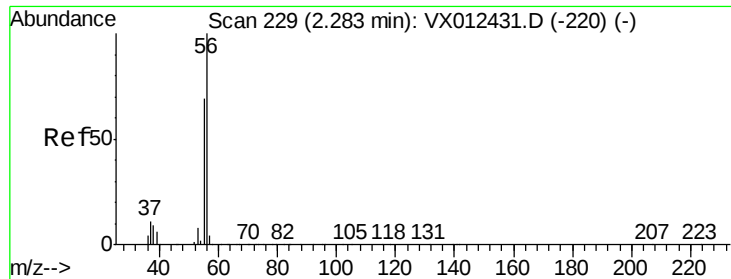
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.640 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion: 96 Resp: 24617
Ion Ratio Lower Upper
96 100
61 176.2 133.8 200.6
98 66.7 49.9 74.9





#13

Acrolein

Concen: 75.718 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion: 56 Resp: 19291

Ion Ratio Lower Upper

56 100

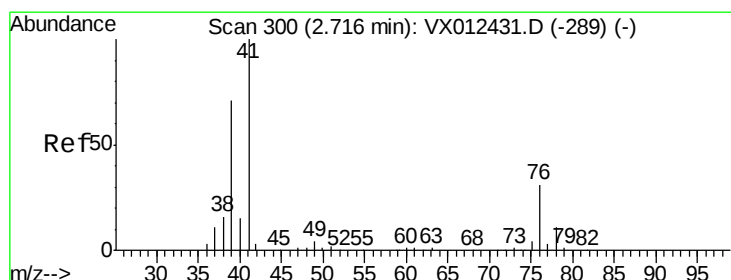
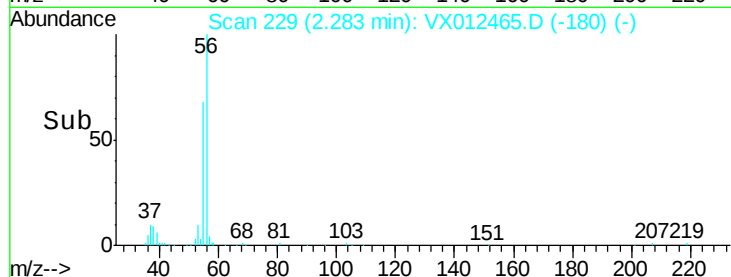
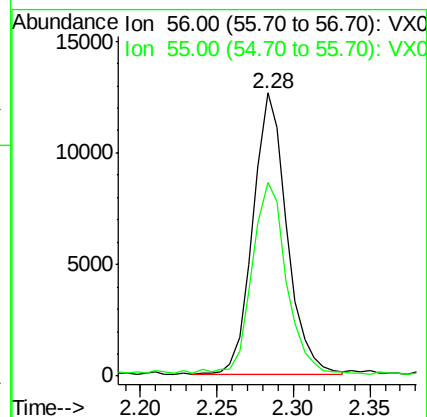
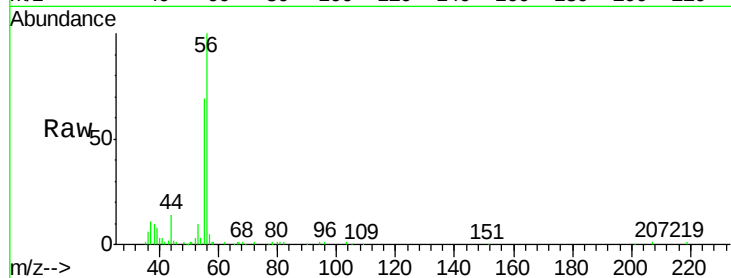
55 70.0 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 18.227 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

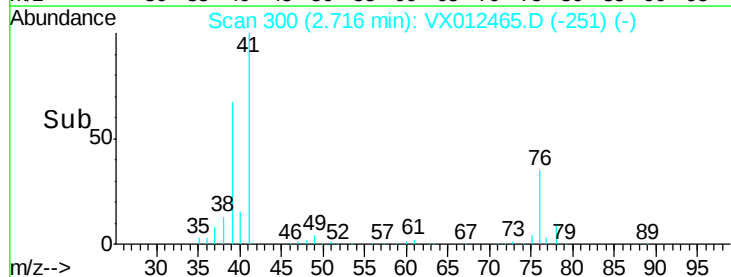
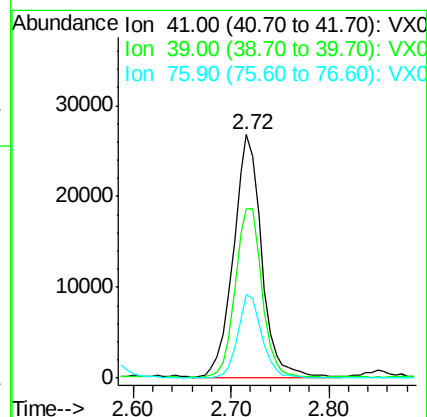
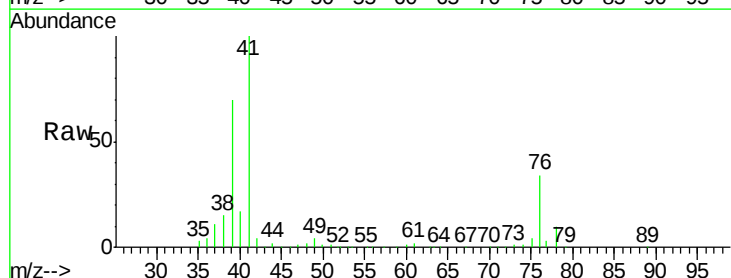
Tgt Ion: 41 Resp: 53187

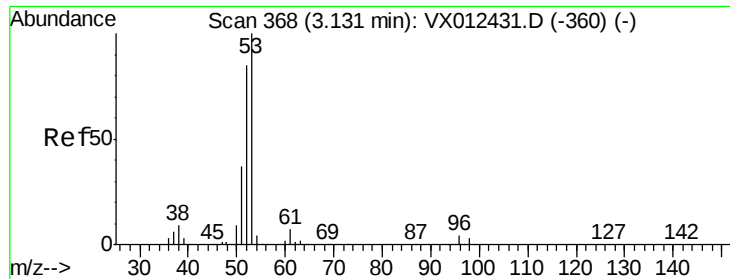
Ion Ratio Lower Upper

41 100

39 67.5 51.3 76.9

76 29.7 22.6 33.8





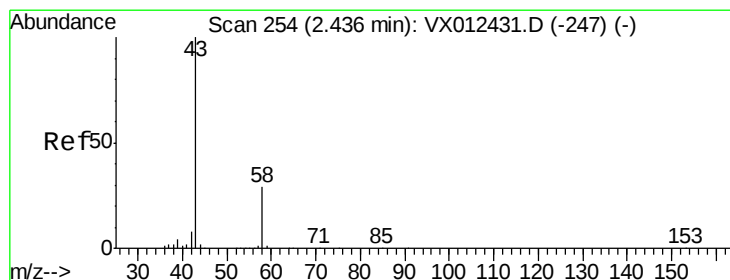
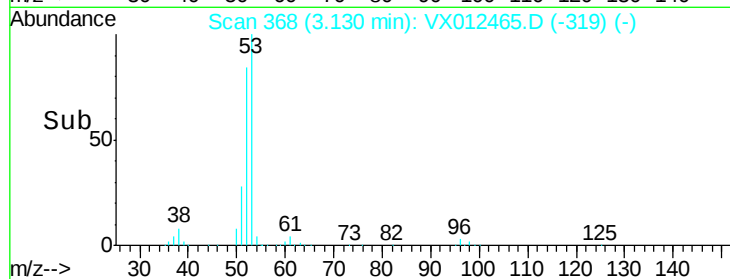
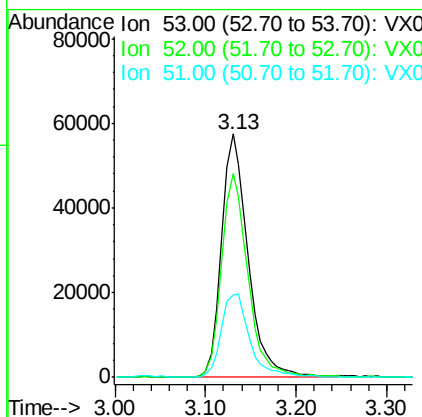
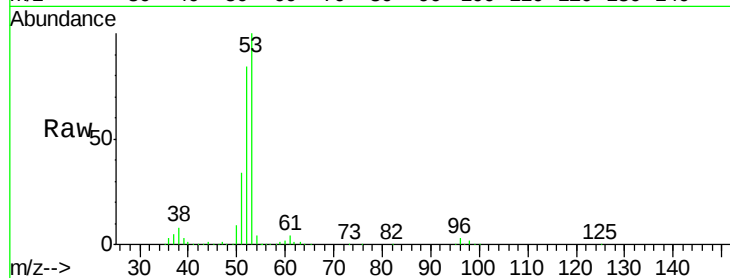
#15
 Acrylonitrile
 Concen: 95.059 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.4	67.0	100.4
51	37.0	29.6	44.4

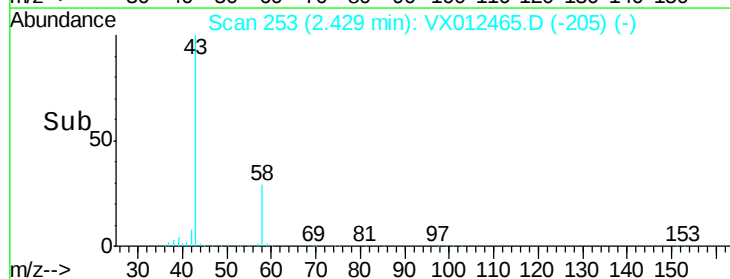
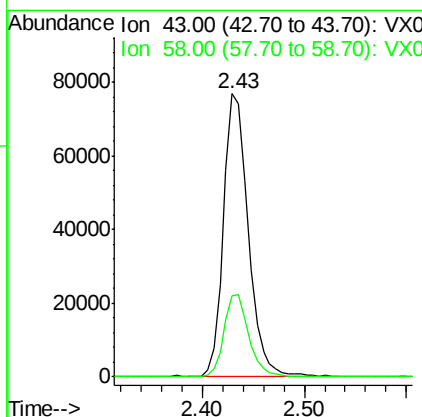
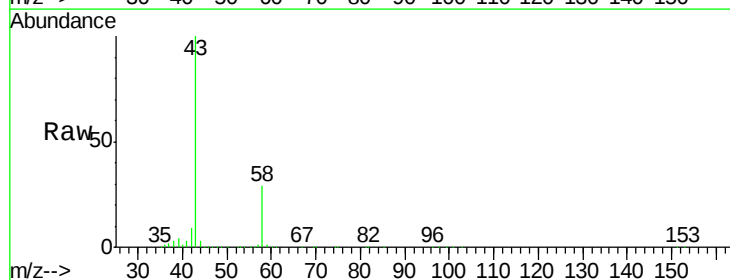
Manual Integrations
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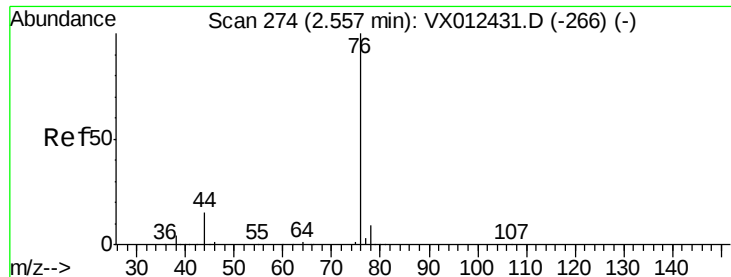
MMDadoda
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#16
 Acetone
 Concen: 93.716 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.5	23.3	34.9





#17

Carbon Disulfide

Concen: 18.152 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion: 76 Resp: 30060

Ion Ratio Lower Upper

76 100

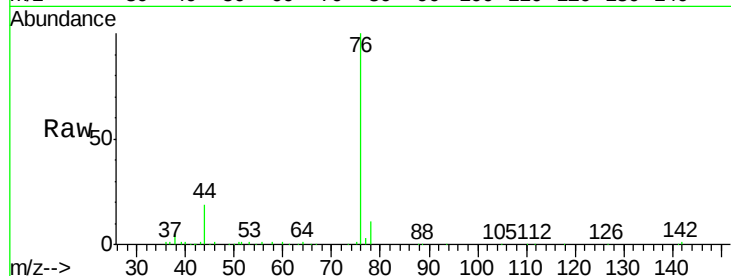
78 10.6 7.3 10.9

Manual Integrations

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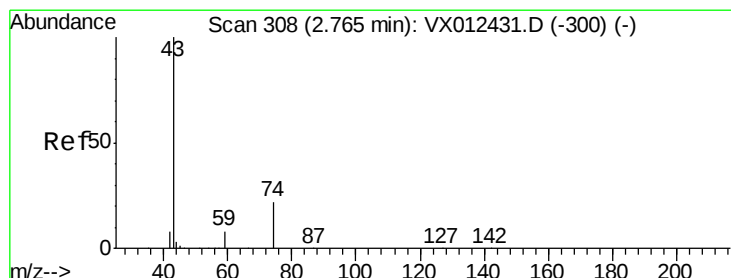
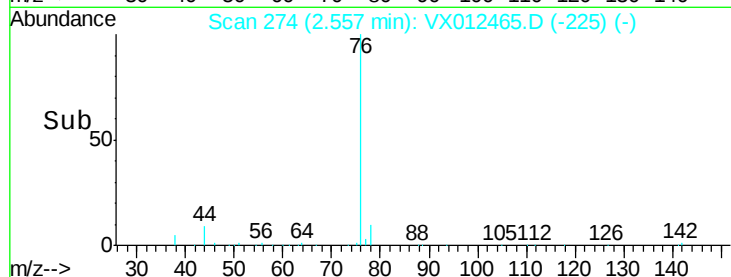
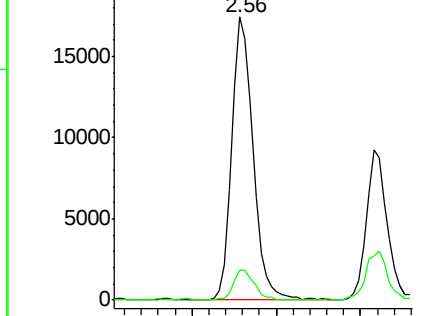
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.871 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012465.D

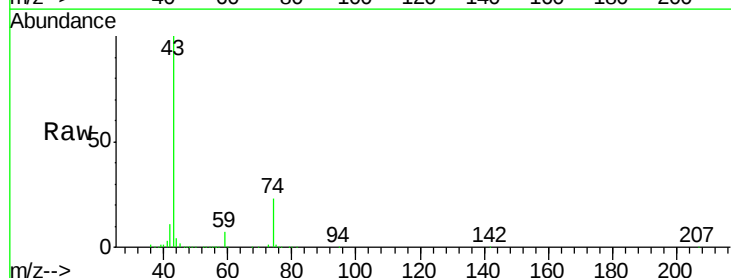
Acq: 18 Sep 2019 11:55

Tgt Ion: 43 Resp: 56184

Ion Ratio Lower Upper

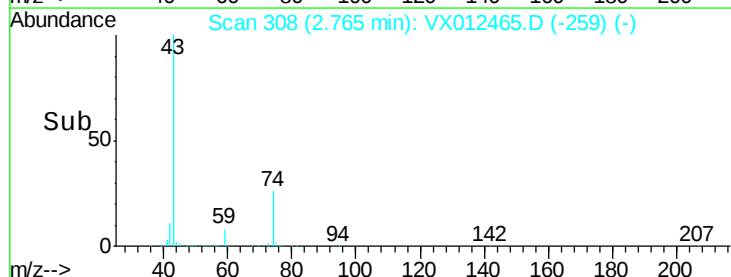
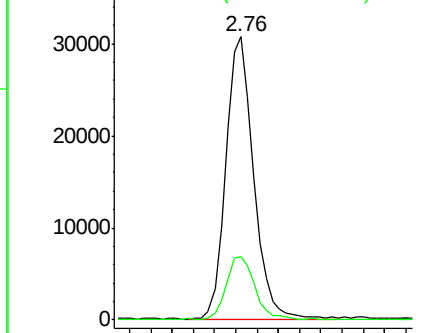
43 100

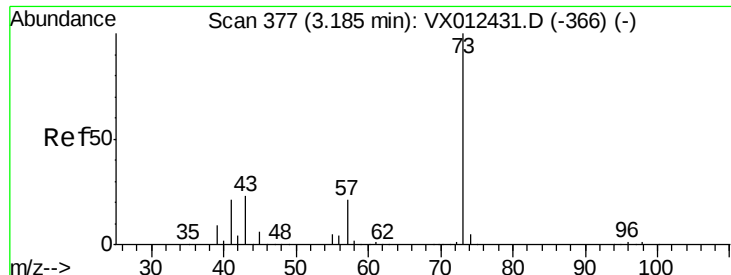
74 23.3 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





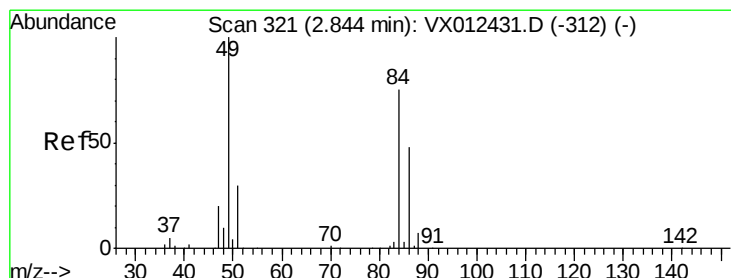
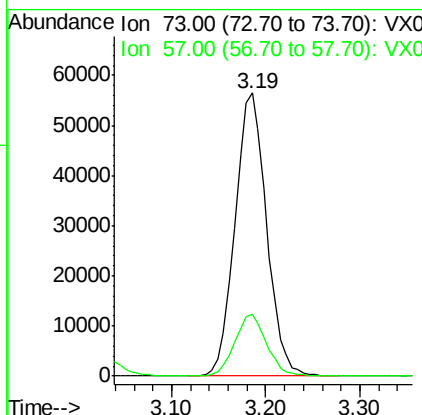
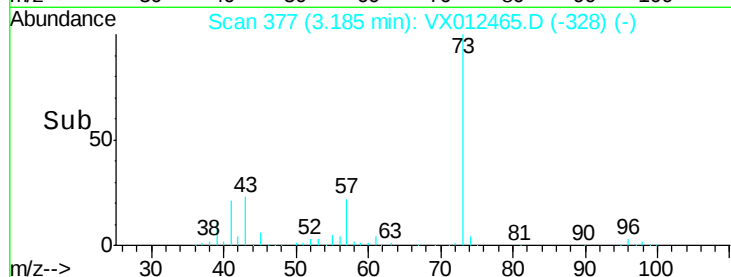
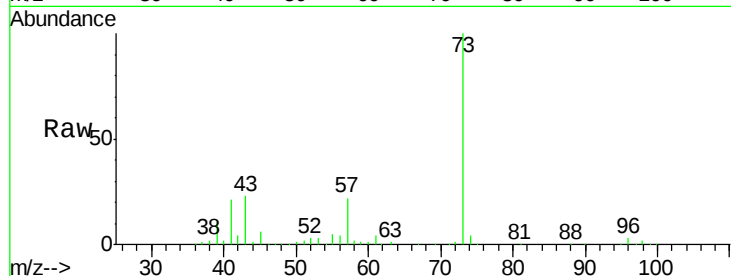
#19
Methvl tert-butvl Ether
Concen: 19.182 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion: 73 Resp: 131087
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2

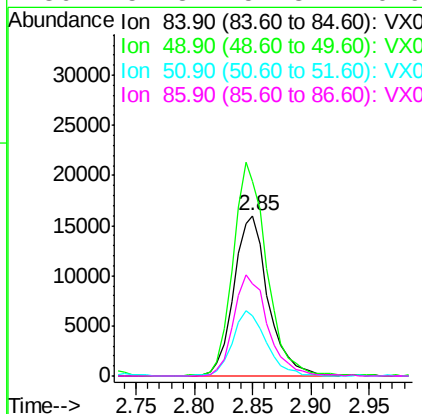
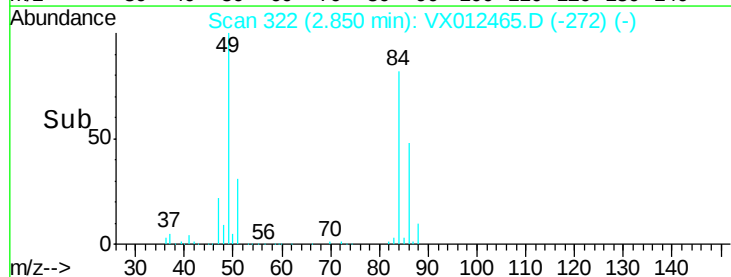
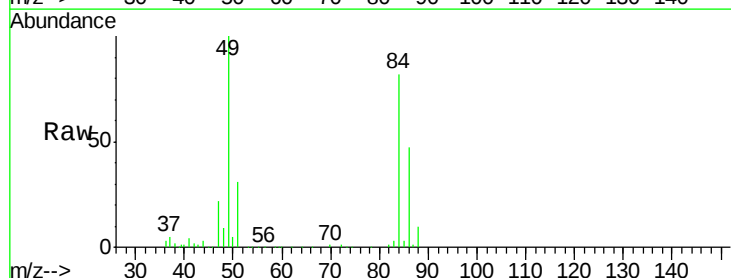
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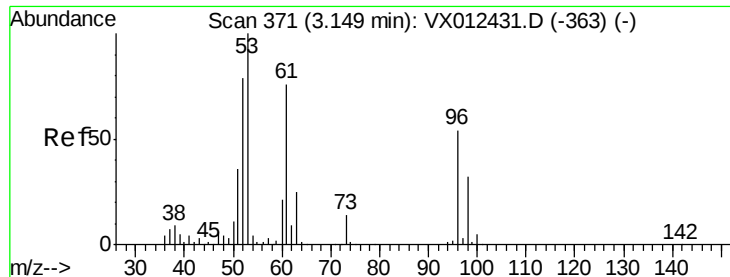
MMDadoda
9/19/2019 1:04:21 PM



#20
Methylene Chloride
Concen: 18.999 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion: 84 Resp: 32853
Ion Ratio Lower Upper
84 100
49 121.2 106.8 160.2
51 37.4 32.3 48.5
86 57.8 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.809 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion: 96 Resp: 25783

Ion Ratio Lower Upper

96 100

61 149.5 112.0 168.0

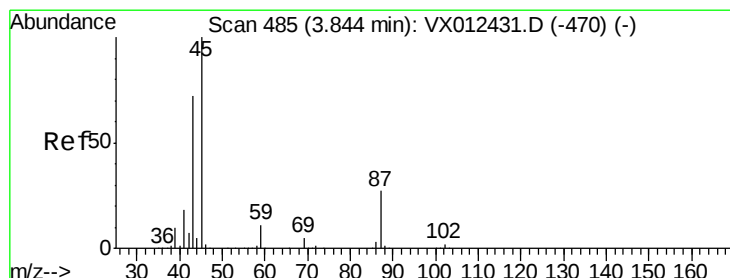
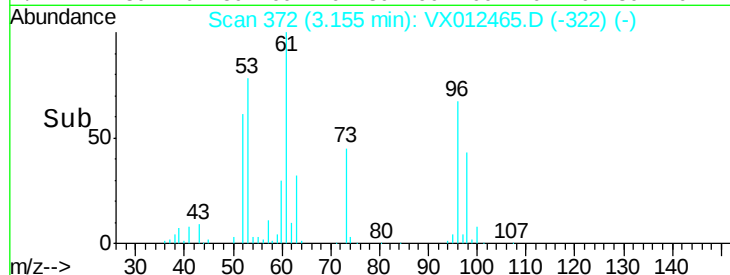
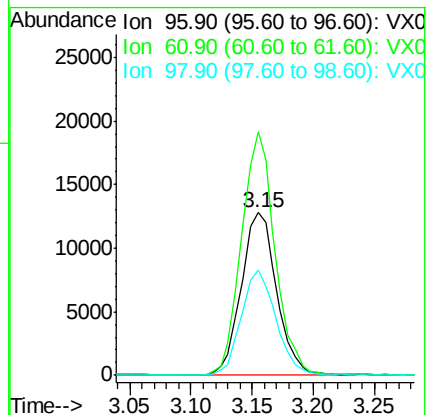
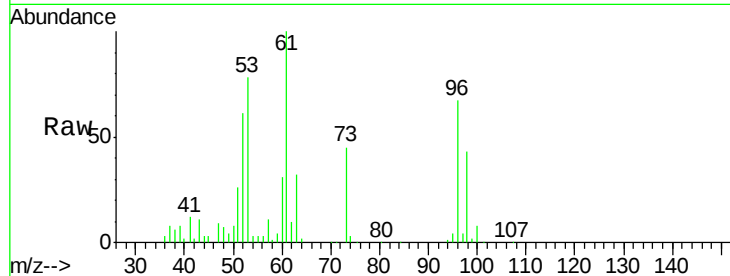
98 64.5 47.8 71.8

Manual Integrations

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#22

Diisopropyl ether

Concen: 18.799 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Tgt Ion: 45 Resp: 128444

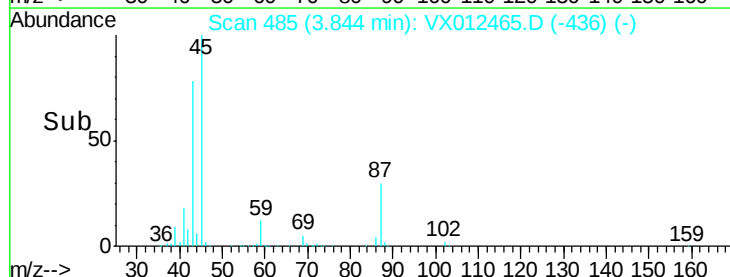
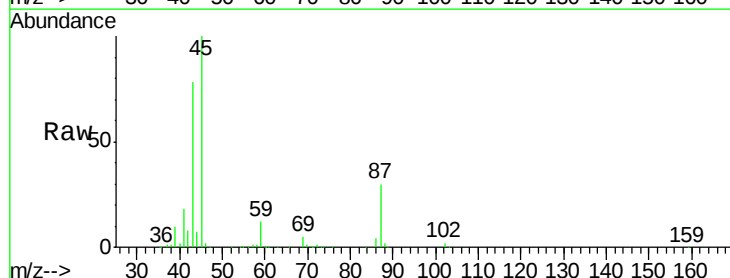
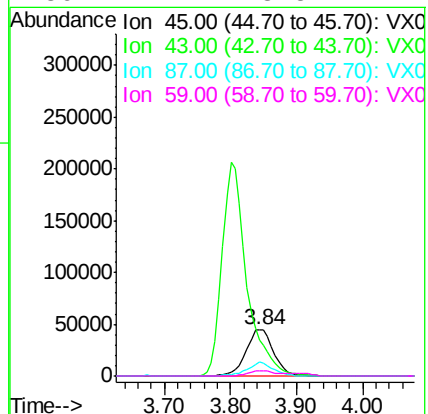
Ion Ratio Lower Upper

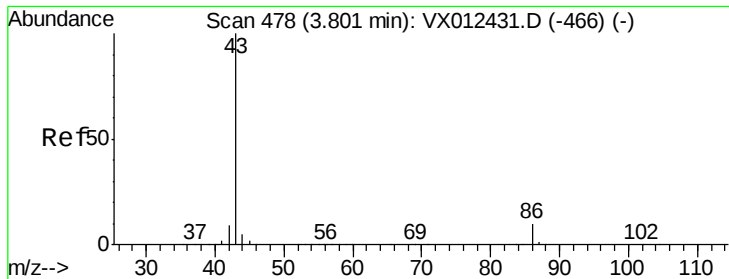
45 100

43 77.5 57.8 86.8

87 29.8 21.3 31.9

59 11.4 8.5 12.7





#23

Vinyl Acetate

Concen: 95.153 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion: 43 Resp: 534796

Ion Ratio Lower Upper

43 100

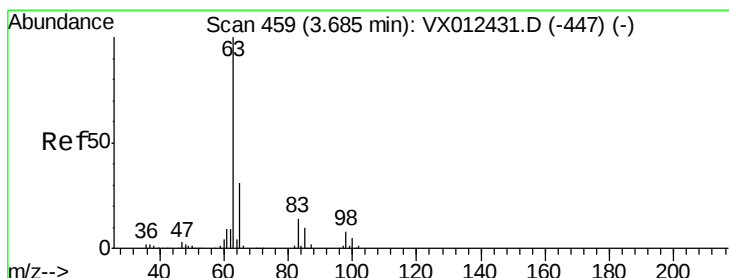
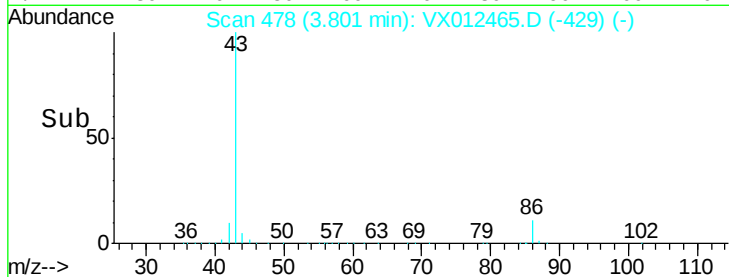
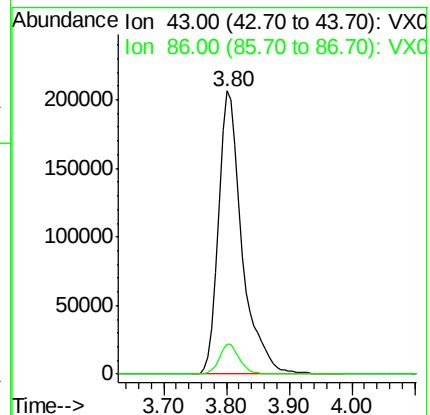
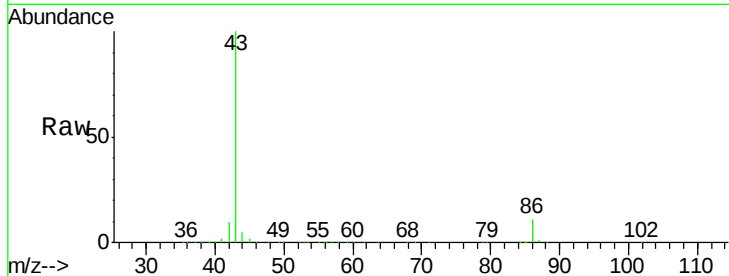
86 10.7 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.611 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

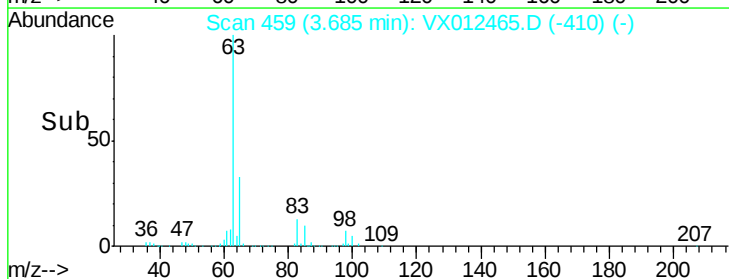
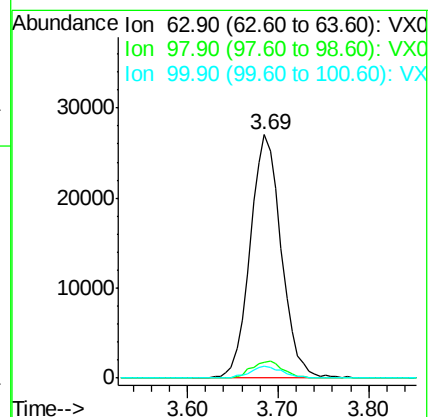
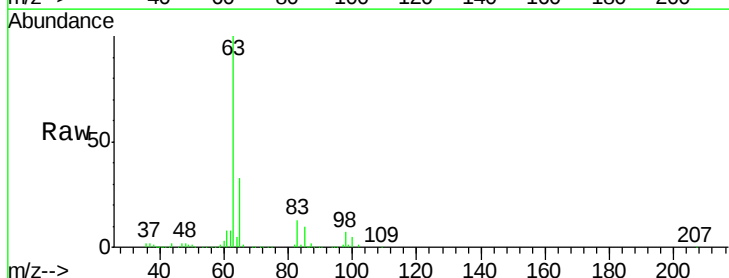
Tgt Ion: 63 Resp: 64111

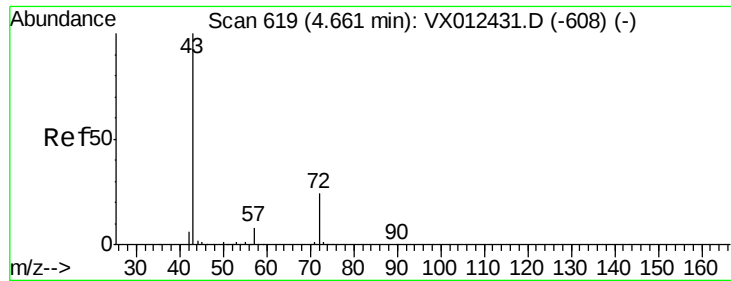
Ion Ratio Lower Upper

63 100

98 6.5 3.9 11.7

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 92.065 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Tot Ion: 43 Resp: 182469

Ion Ratio Lower Upper

43 100

72 24.7 19.2 28.8

Instrument :

MSVOA_X

ClientSampleId :

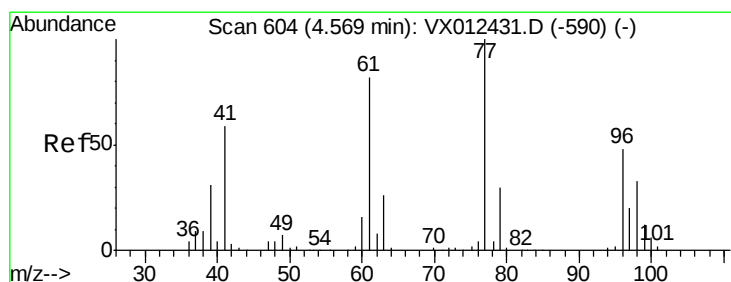
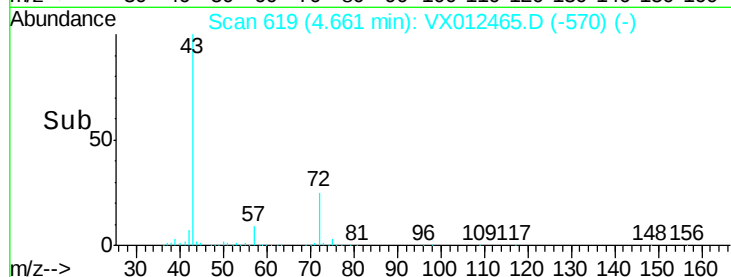
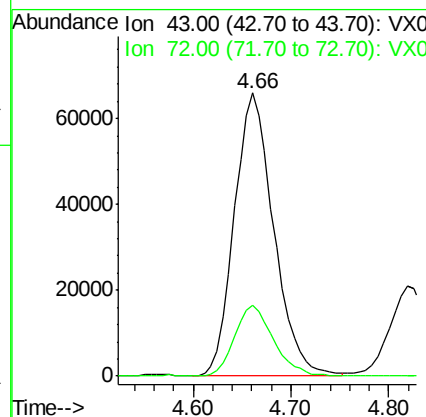
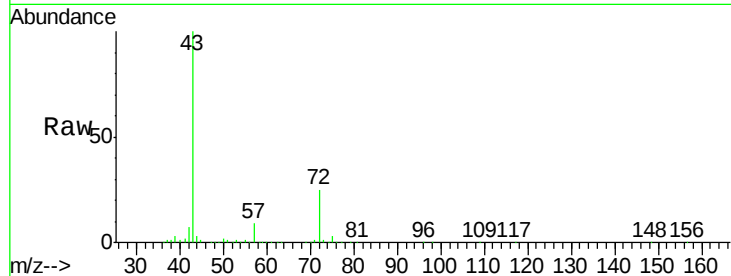
VX0918WBS01

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#26

2,2-Dichloropropane

Concen: 18.419 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012465.D

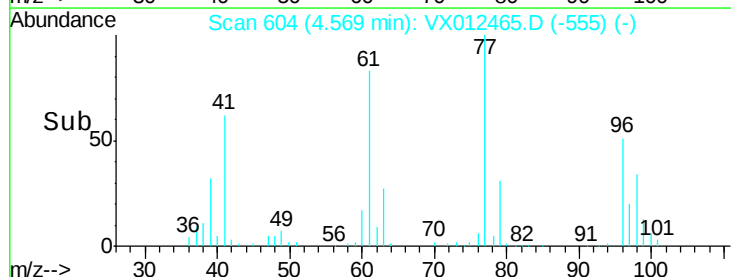
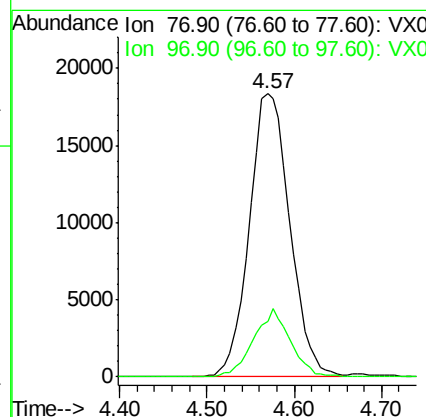
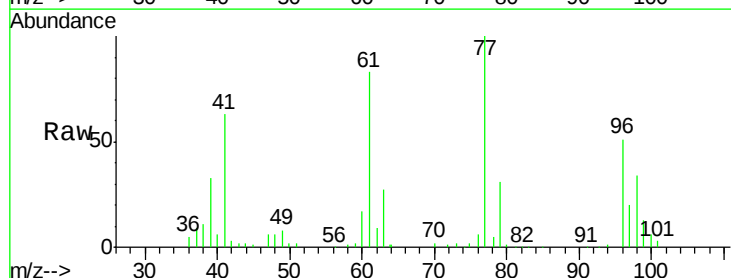
Acq: 18 Sep 2019 11:55

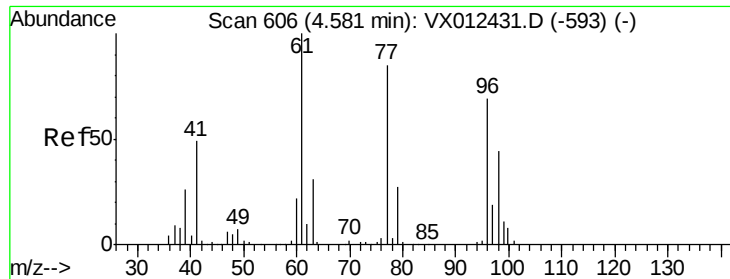
Tgt Ion: 77 Resp: 59219

Ion Ratio Lower Upper

77 100

97 21.8 10.5 31.6





#27

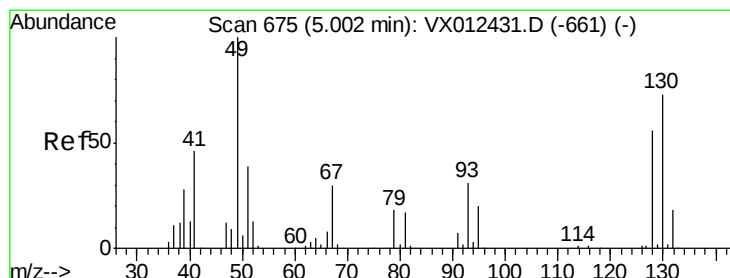
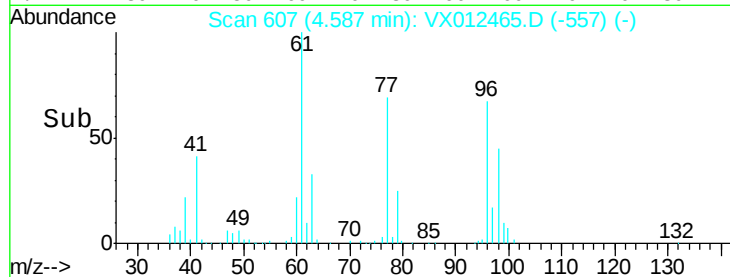
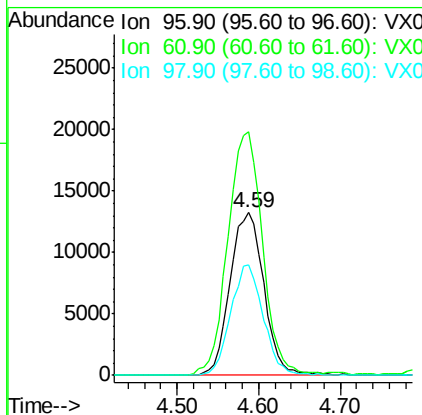
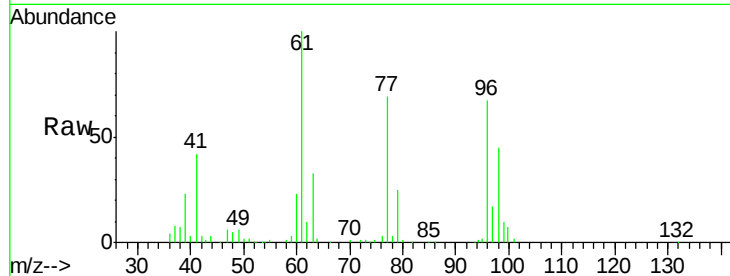
cis-1,2-Dichloroethene
 Concen: 19.554 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Instrument :
 MSVOA_X
 ClientSampled :
 VX0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.5	0.0	319.4	
98	65.2	0.0	130.6	

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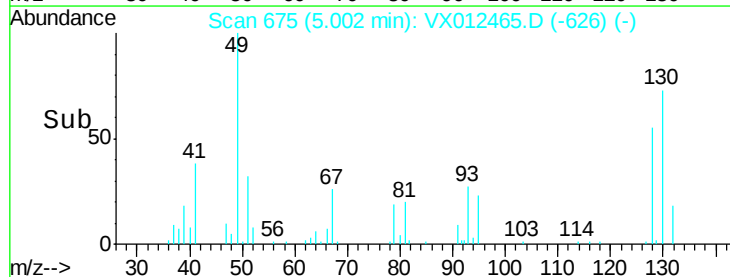
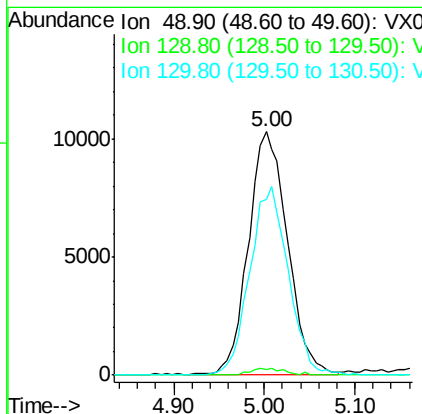
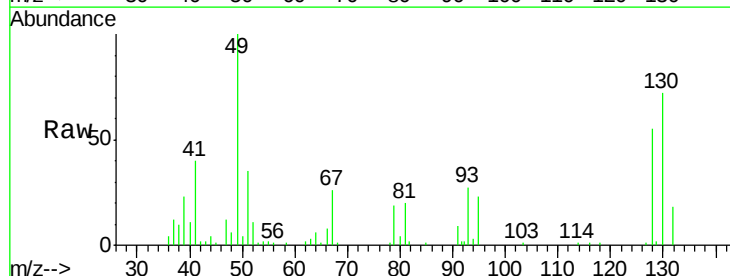
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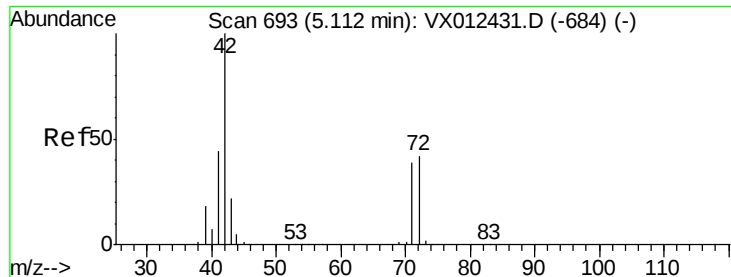


#28

Bromochloromethane
 Concen: 18.304 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	3.8	
130	76.1	58.2	87.4	





#29

Tetrahydrofuran

Concen: 96.218 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

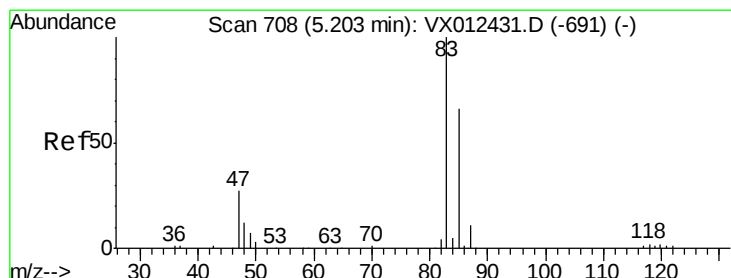
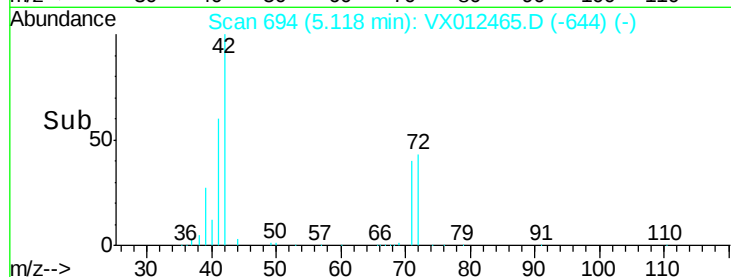
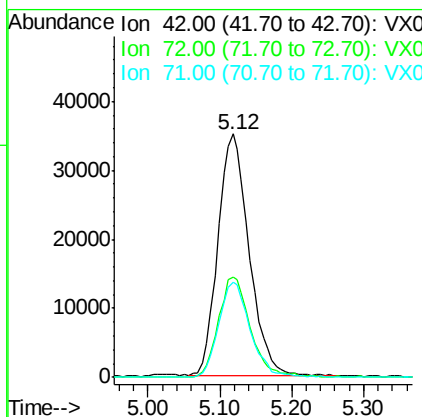
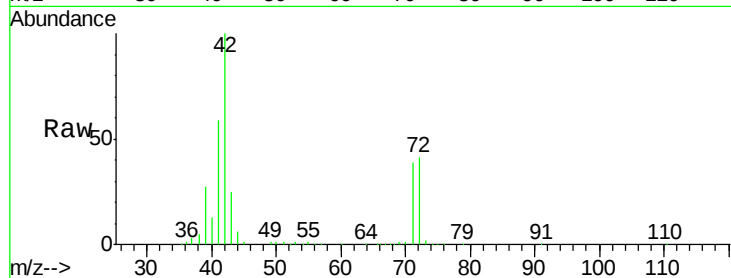
ClientSampleId :

VX0918WBS01

Tot Ion:	42	Resp:	105350
Ion	Ratio	Lower	Upper
42	100		
72	42.7	34.0	51.0
71	39.8	31.5	47.3

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#30

Chloroform

Concen: 19.177 ug/l

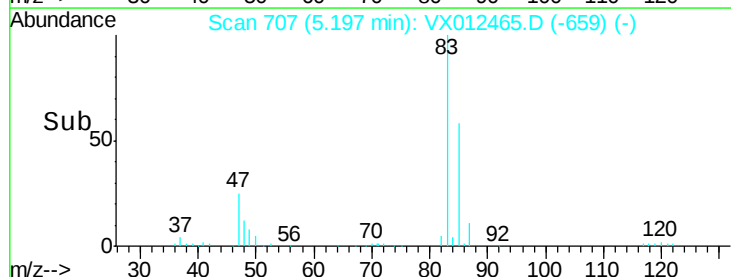
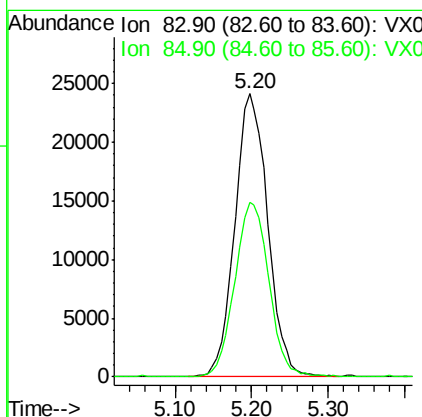
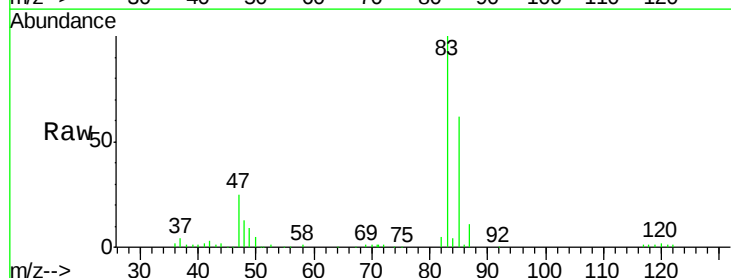
RT: 5.20 min Scan# 707

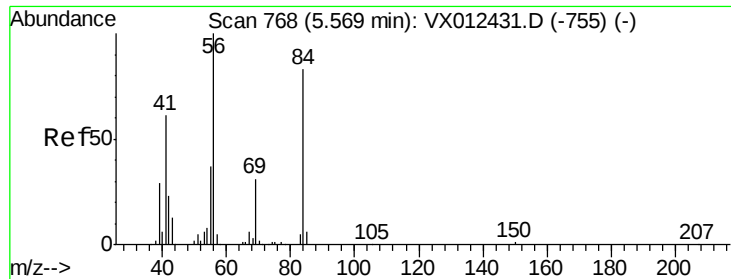
Delta R.T. -0.01 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Tgt Ion:	83	Resp:	71997
Ion	Ratio	Lower	Upper
83	100		
85	61.6	53.0	79.4





#31

Cyclohexane

Concen: 19.827 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

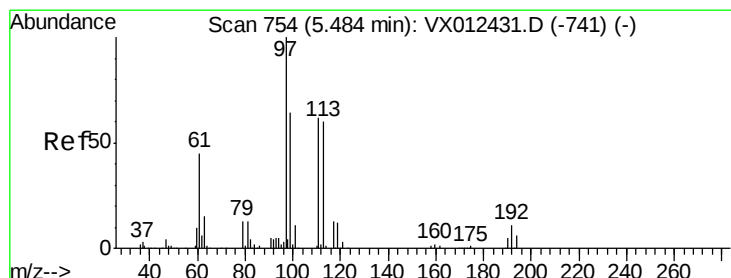
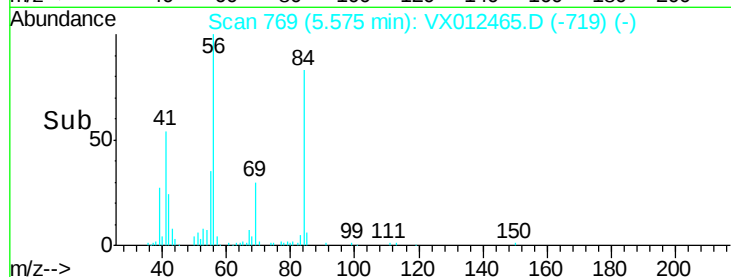
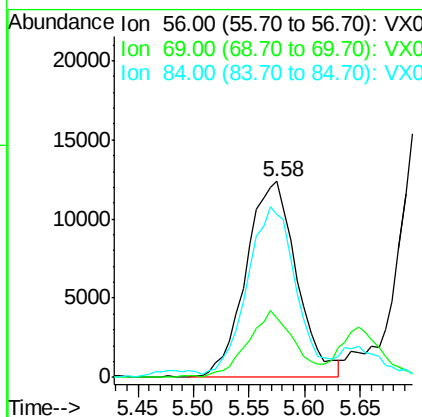
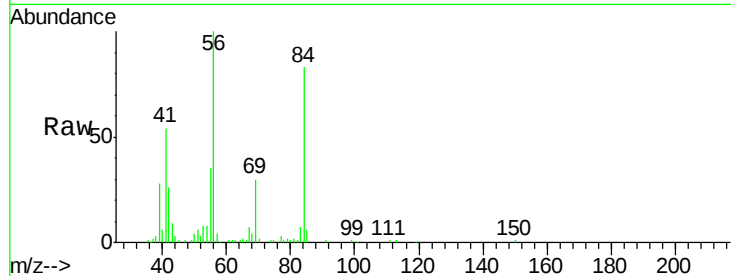
ClientSampleId :

VX0918WBS01

Tot Ion:	56	Resp:	39127
Ion Ratio	Lower	Upper	
56	100		
69	29.4	25.0	37.6
84	79.6	66.4	99.6

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#32

1,1,1-Trichloroethane

Concen: 19.365 ug/l

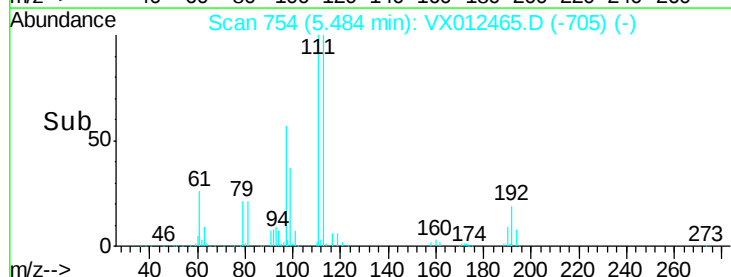
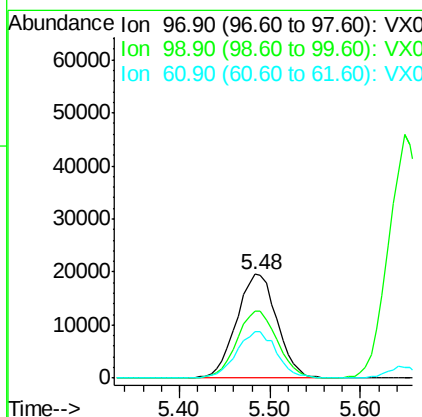
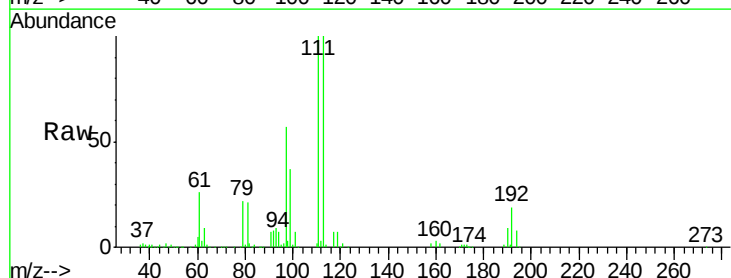
RT: 5.48 min Scan# 754

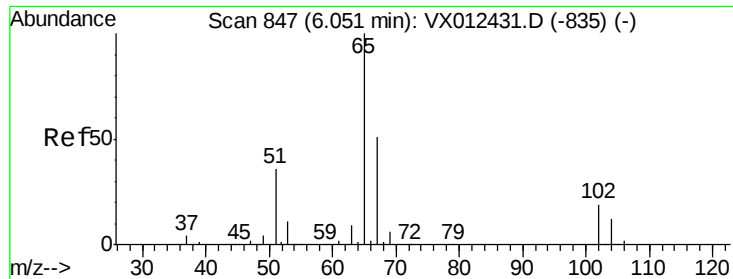
Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Tgt Ion:	97	Resp:	60766
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.3	76.9
61	44.8	36.1	54.1





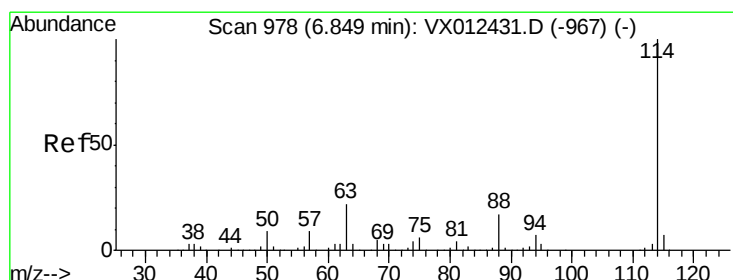
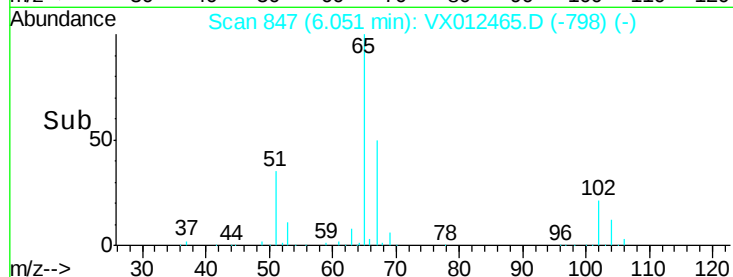
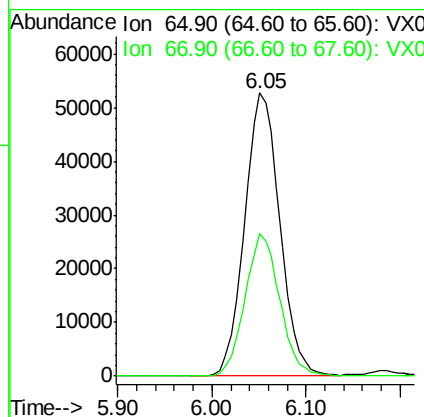
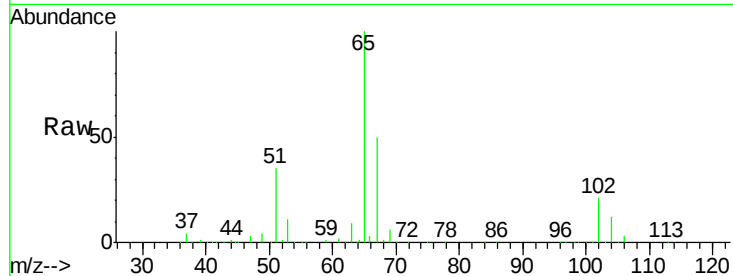
#33
 1,2-Dichloroethane-d4
 Concen: 48.395 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	138276		
67	49.6	0.0	101.2	

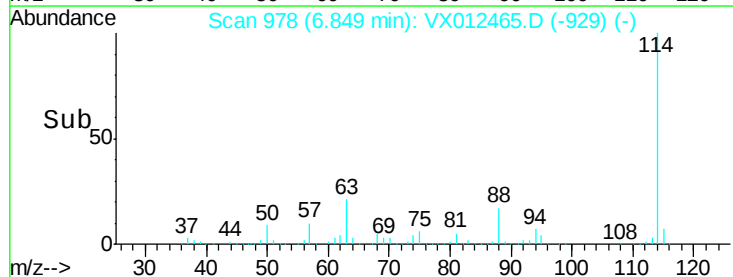
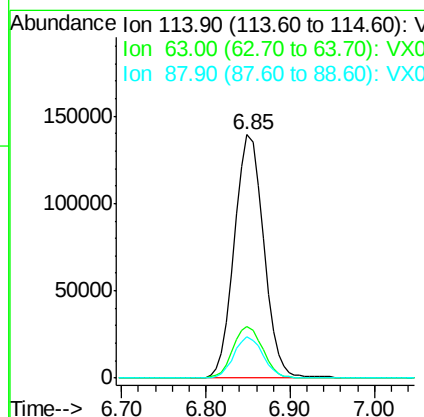
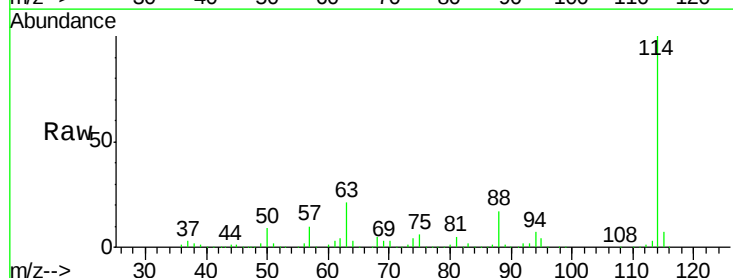
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	329838		
63	21.2	0.0	43.2	
88	17.0	0.0	33.2	





#35

Dibromofluoromethane

Concen: 50.015 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

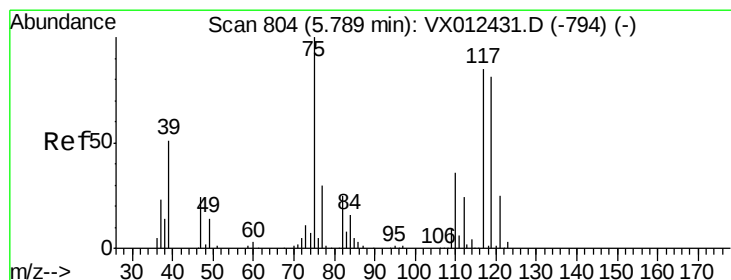
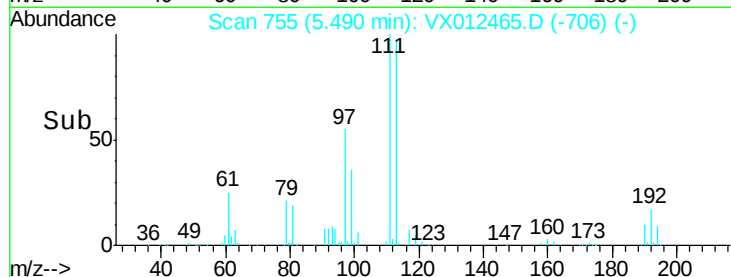
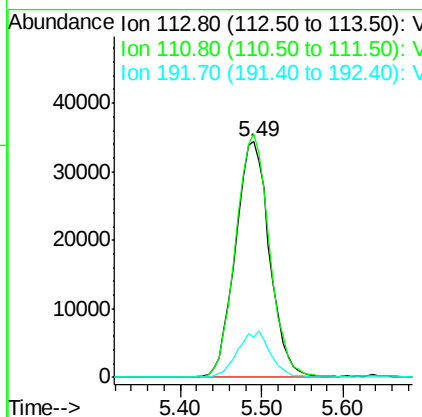
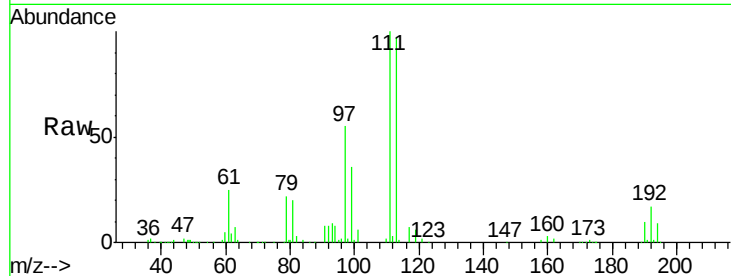
ClientSampleId :

VX0918WBS01

Tot Ion:	113	Resp:	99849
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.4	125.2
192	18.9	14.4	21.6

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#36

1,1-Dichloropropene

Concen: 18.987 ug/l

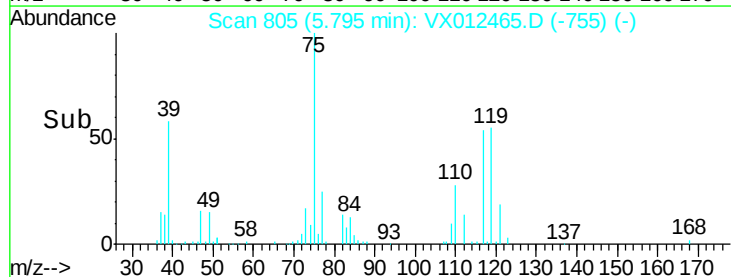
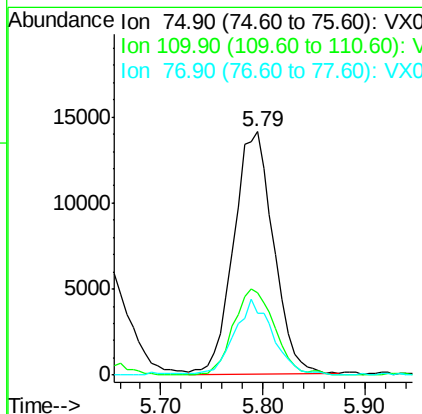
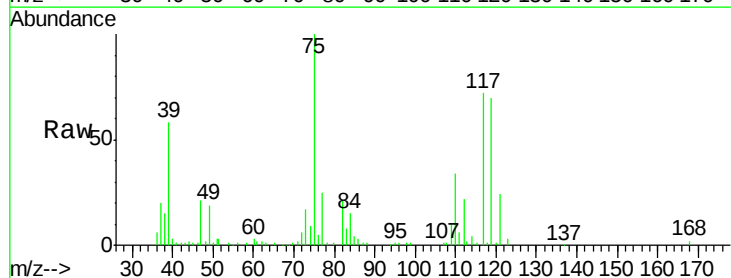
RT: 5.79 min Scan# 805

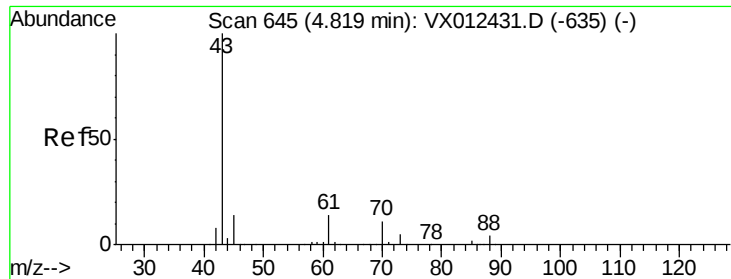
Delta R.T. 0.01 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Tgt Ion:	75	Resp:	38062
Ion	Ratio	Lower	Upper
75	100		
110	36.6	16.7	50.0
77	30.6	24.2	36.2





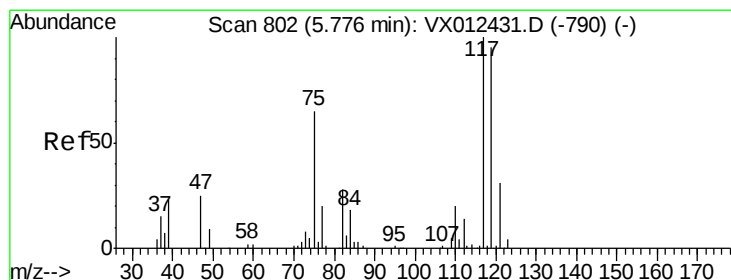
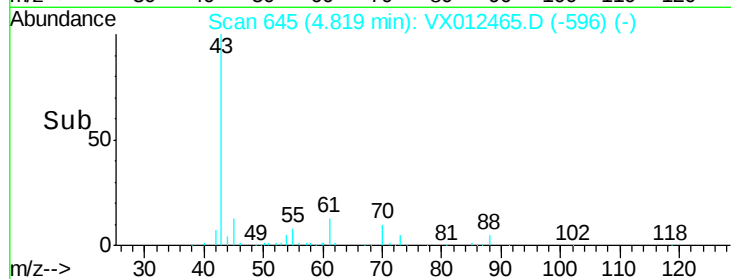
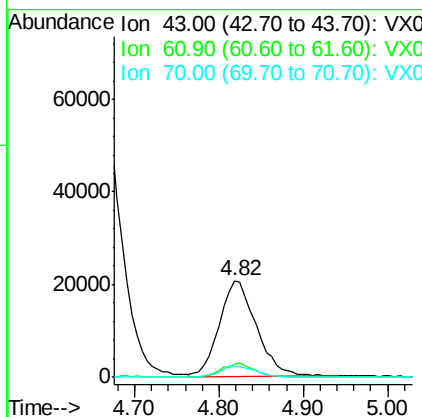
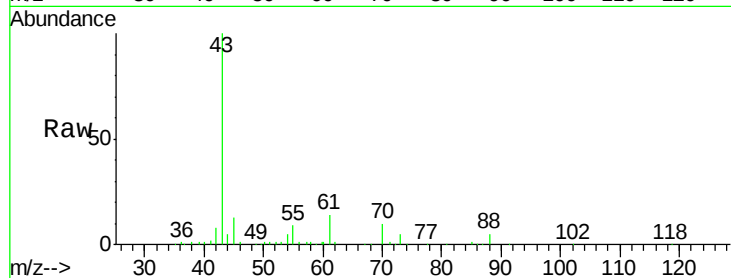
#37
Ethyl Acetate
Concen: 20.071 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion	43	Resp	61760
Ion Ratio	100	Lower	Upper
43	100		
61	13.0	10.2	15.4
70	11.7	8.7	13.1

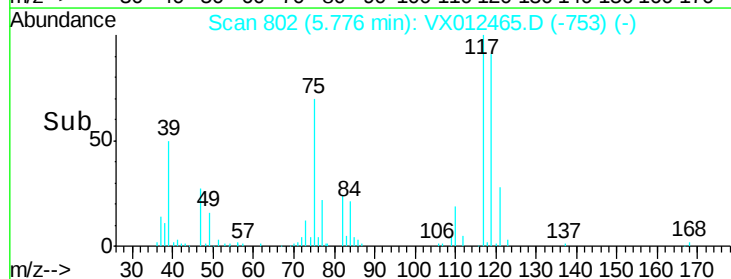
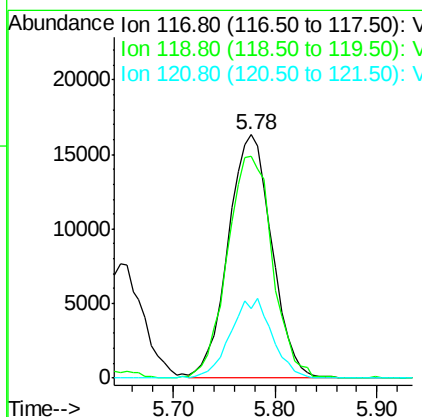
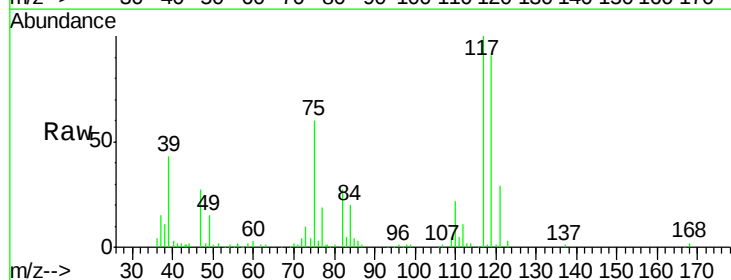
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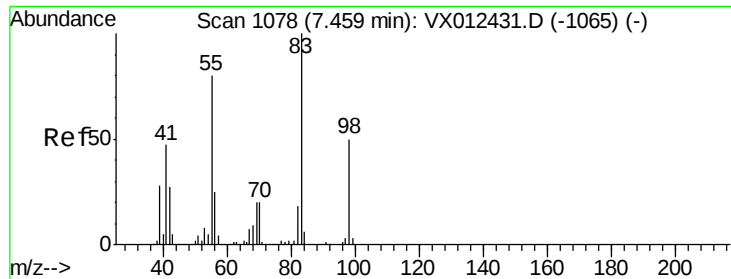
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#38
Carbon Tetrachloride
Concen: 19.421 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion	117	Resp	48421
Ion Ratio	100	Lower	Upper
117	100		
119	91.0	75.7	113.5
121	28.6	24.2	36.4





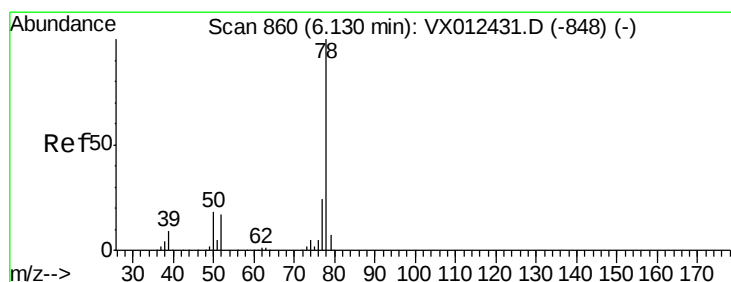
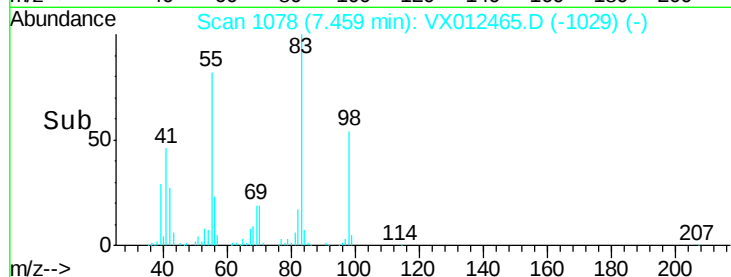
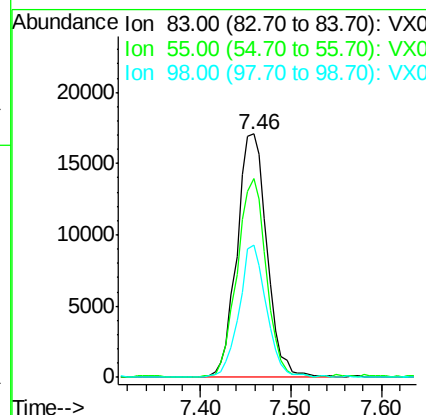
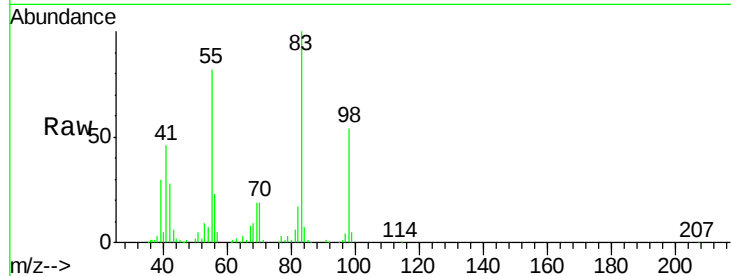
#39
Methvlcvclohexane
Concen: 20.141 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	81.6	64.4	96.6	
98	54.4	40.1	60.1	

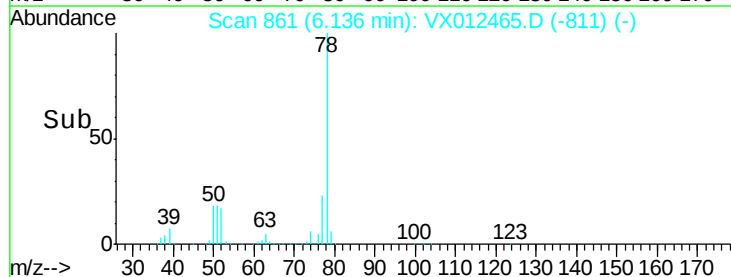
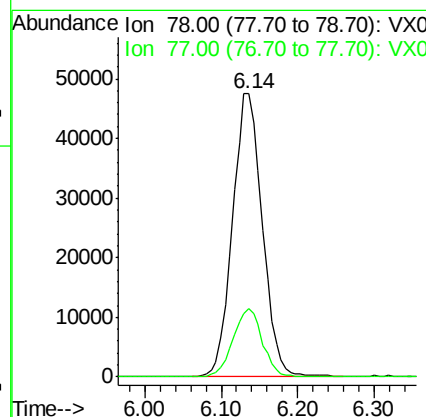
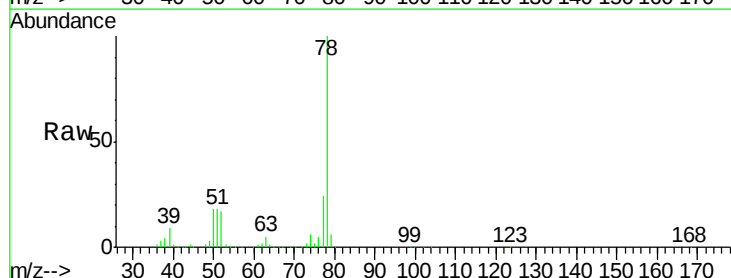
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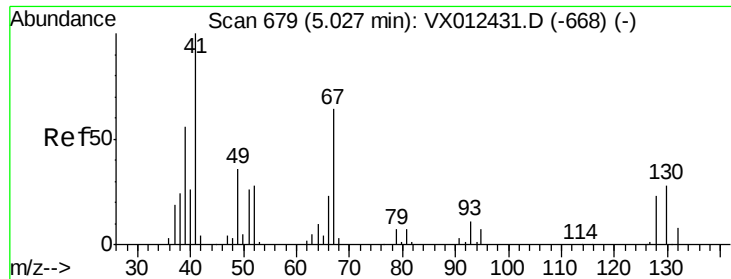
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#40
Benzene
Concen: 20.082 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	19.2	28.8	





#41

Methacrylonitrile

Concen: 18.645 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

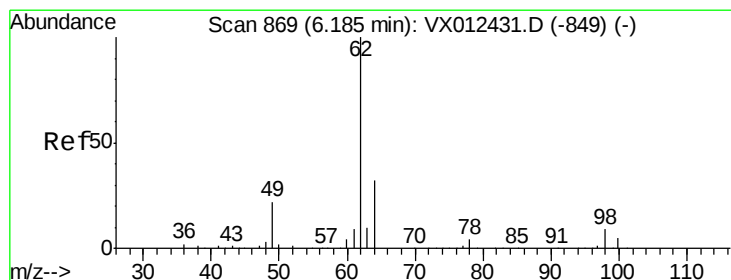
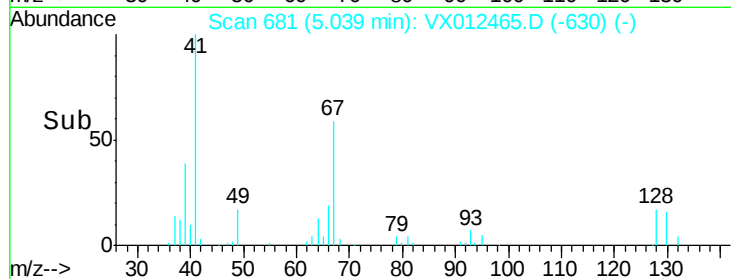
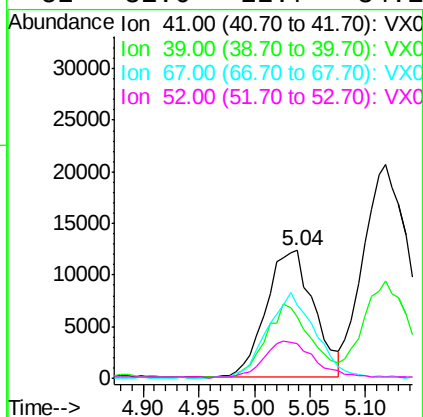
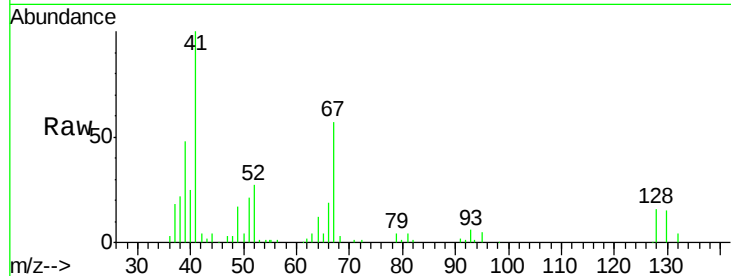
ClientSampleId :

VX0918WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		36941		
39	53.3	46.0	69.0		
67	68.3	52.2	78.2		
52	31.6	22.7	34.1		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.422 ug/l

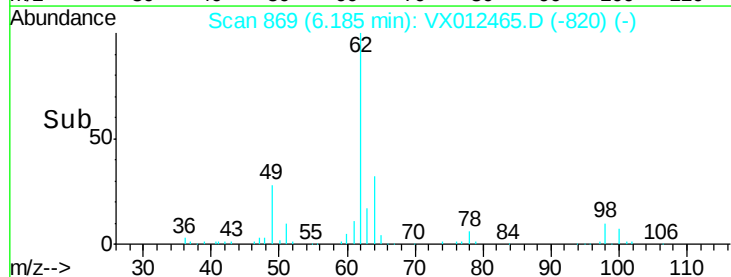
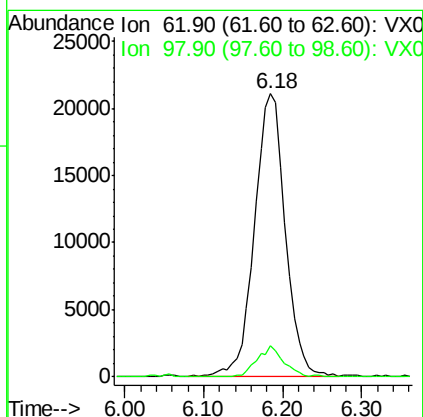
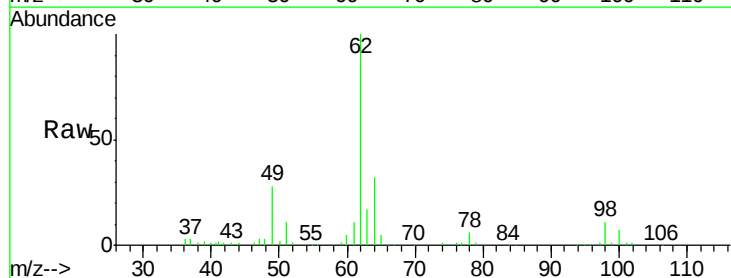
RT: 6.18 min Scan# 869

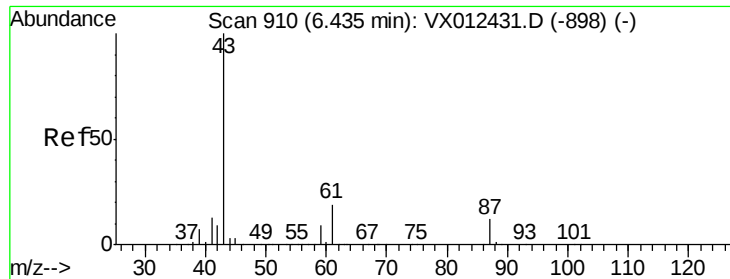
Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		57424		
98	9.5	0.0	17.8		





#43

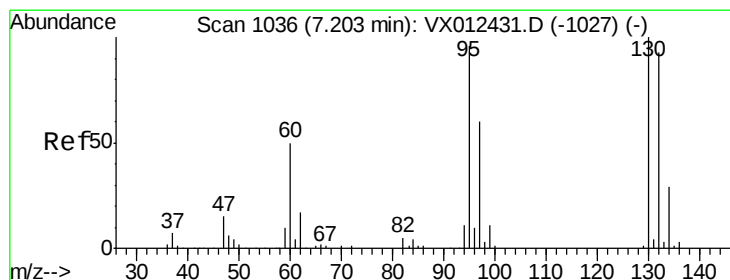
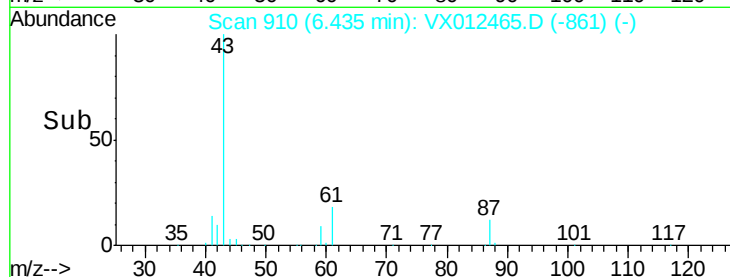
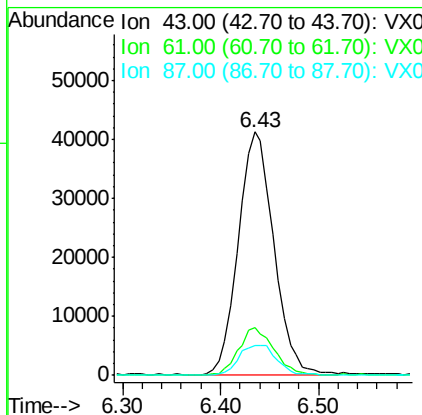
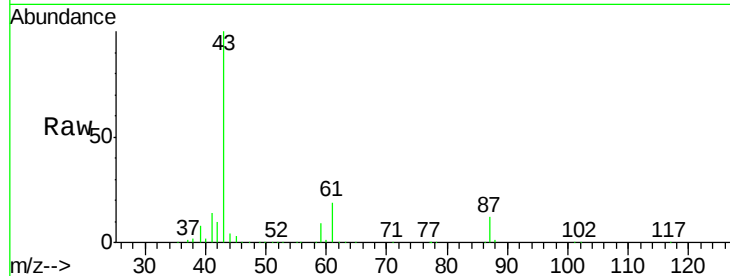
Isopropyl Acetate
 Concen: 18.824 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.3	9.8	14.8

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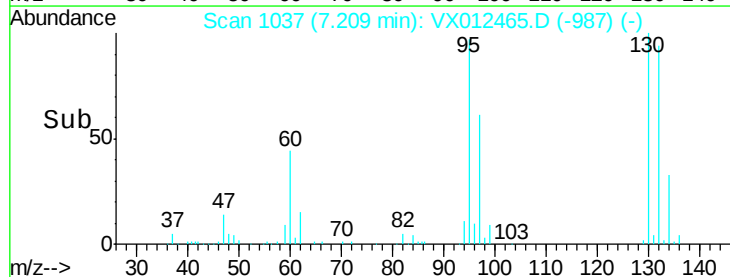
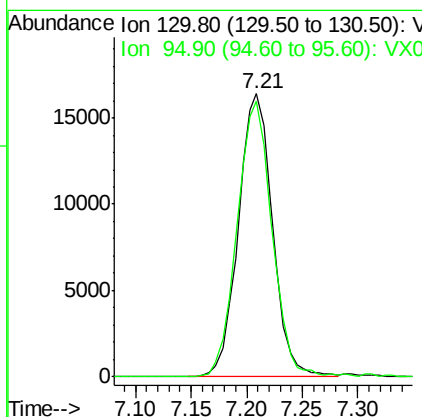
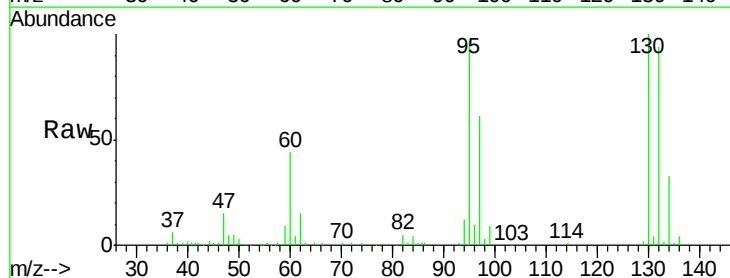
MMDadoda
 9/19/2019 1:04:21 PM

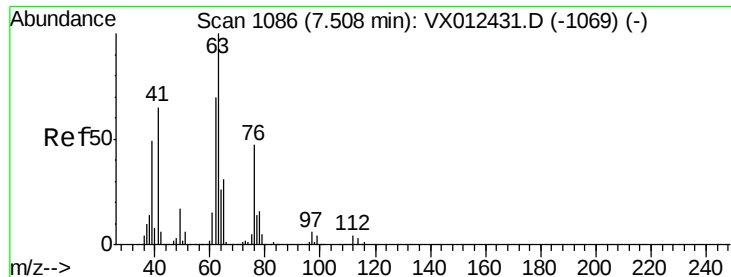


#44

Trichloroethene
 Concen: 20.806 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	193.0





#45

1,2-Dichloropropane

Concen: 19.390 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion: 63 Resp: 37973

Ion Ratio Lower Upper

63 100

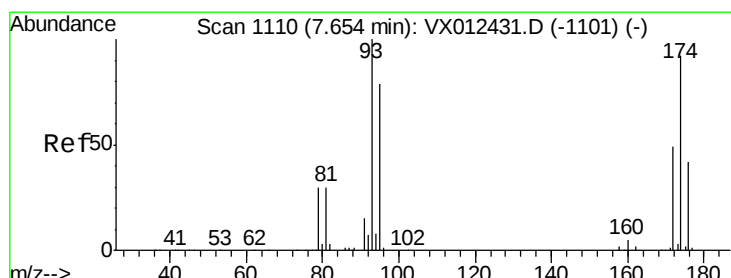
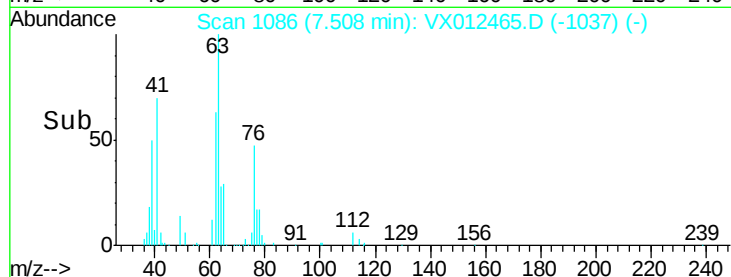
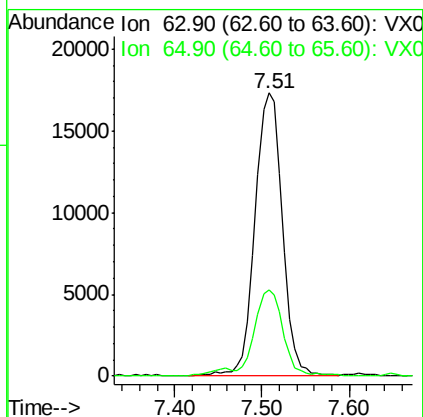
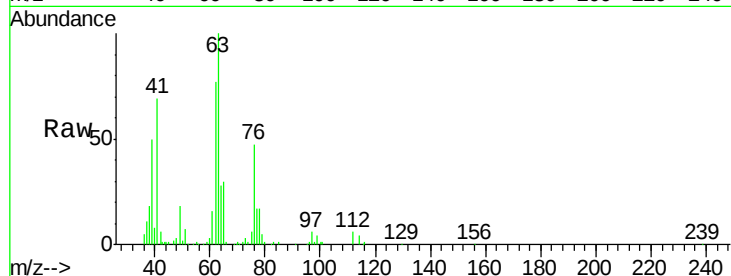
65 30.4 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.554 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

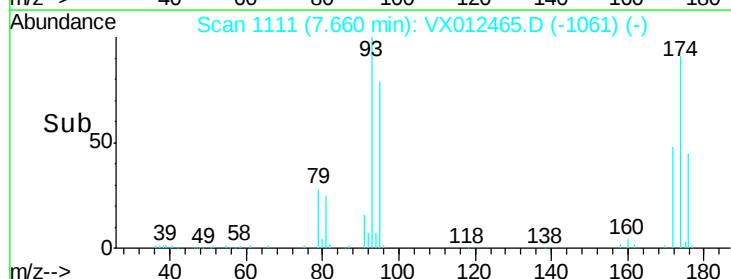
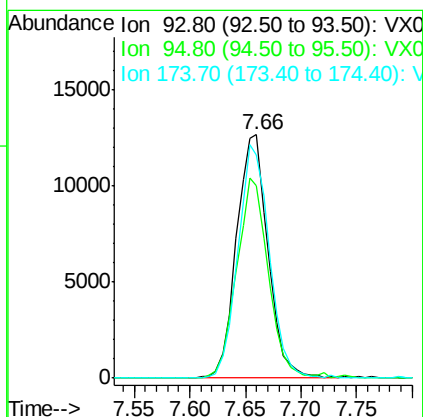
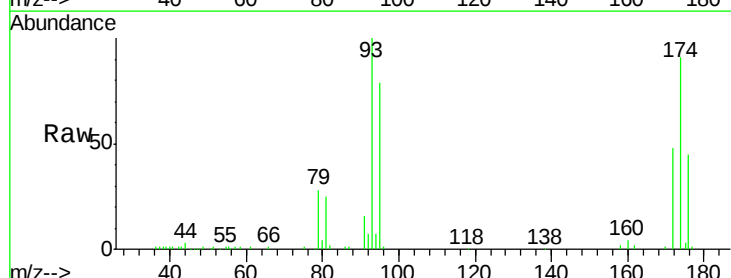
Tgt Ion: 93 Resp: 24782

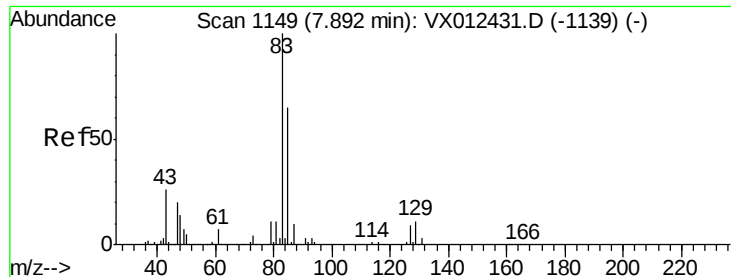
Ion Ratio Lower Upper

93 100

95 82.5 66.6 100.0

174 95.5 77.4 116.0





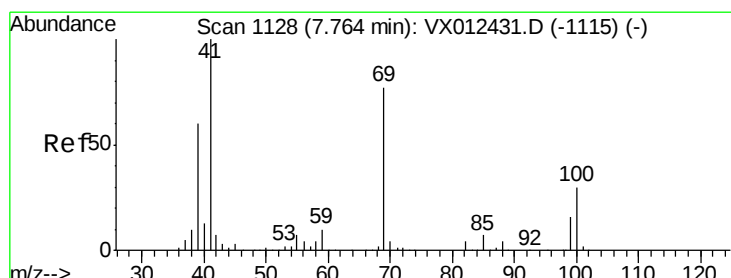
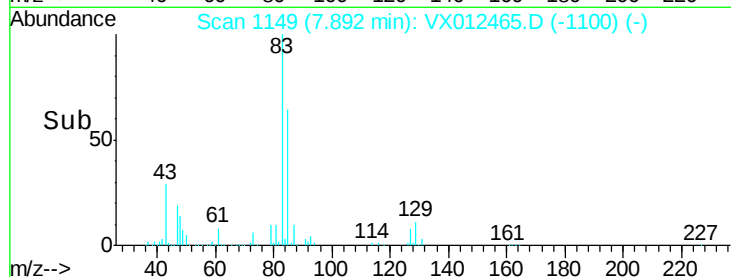
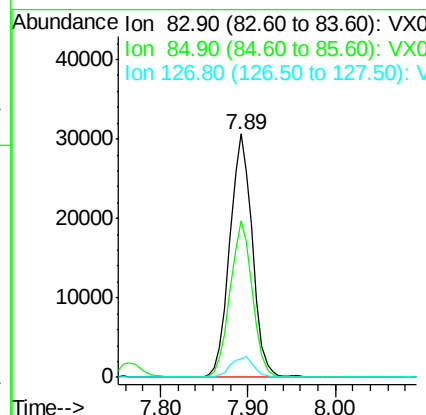
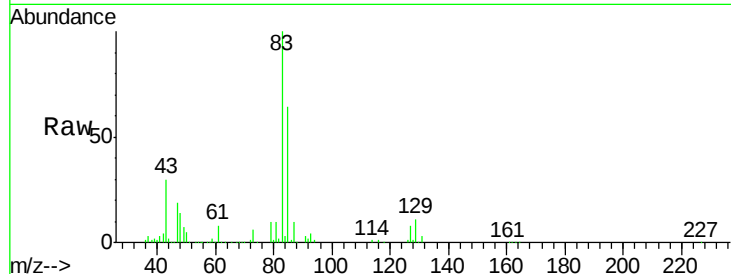
#47
Bromodichloromethane
Concen: 19.476 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	54957		
85	64.1		51.8	77.6
127	7.7		7.3	10.9

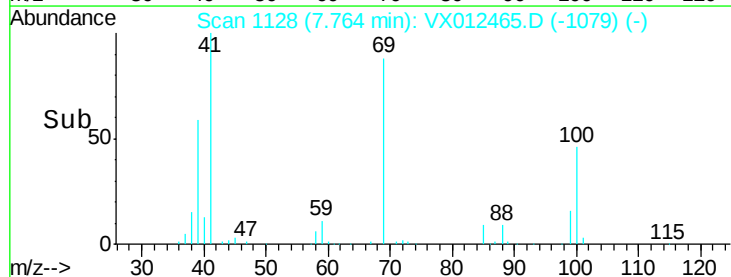
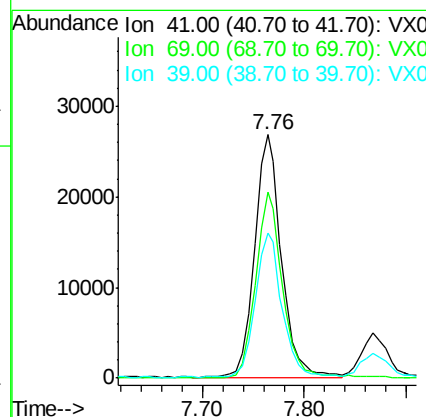
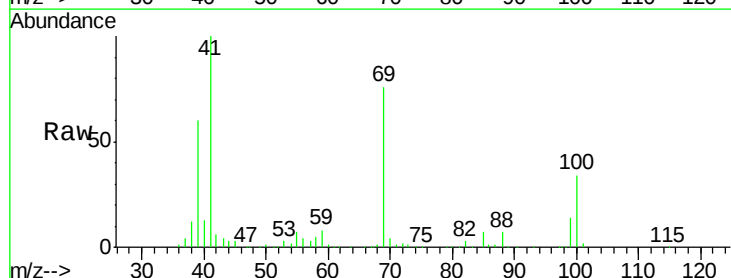
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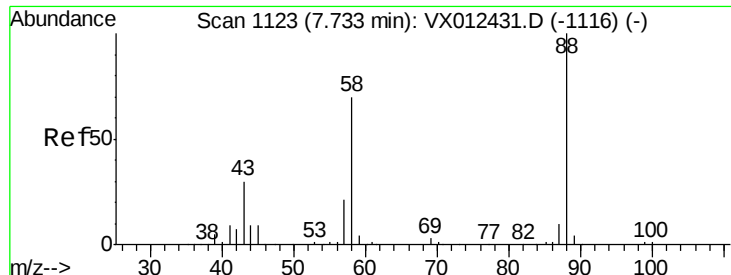
MMDadoda
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#48
Methyl methacrylate
Concen: 19.185 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	49946		
69	76.1		59.9	89.9
39	58.1		47.8	71.6





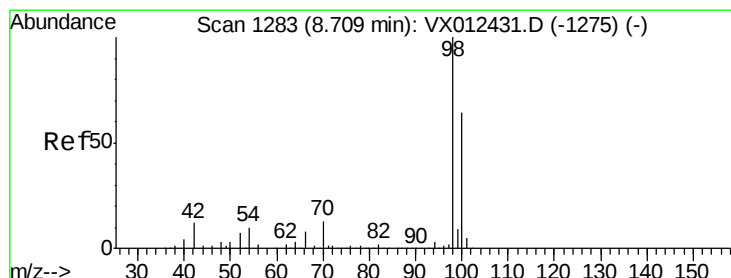
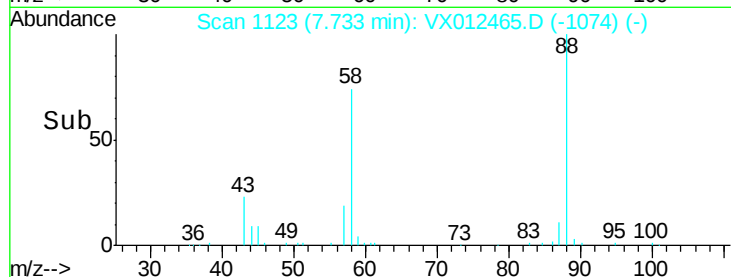
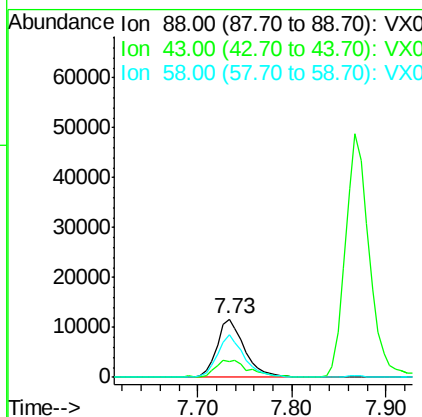
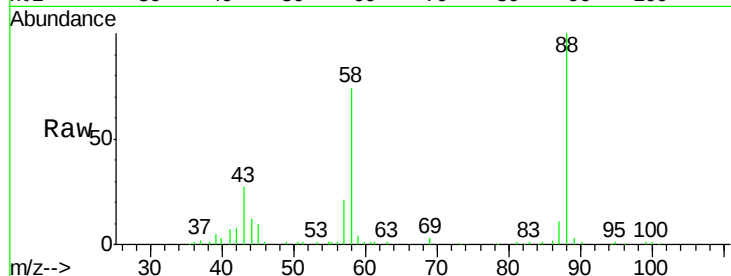
#49
1,4-Dioxane
Concen: 373.682 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	29.4	44.0
58	71.0	57.5	86.3

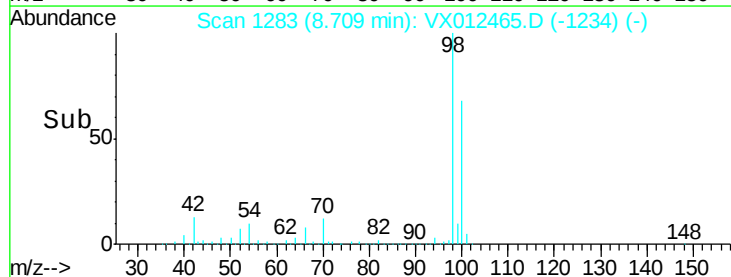
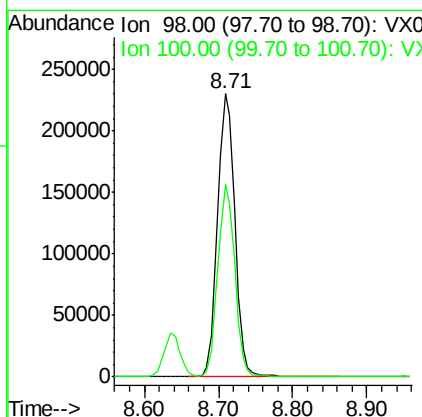
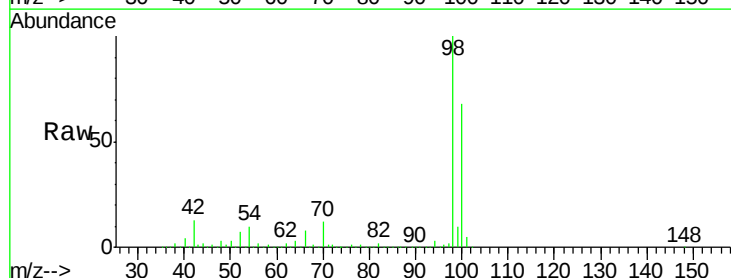
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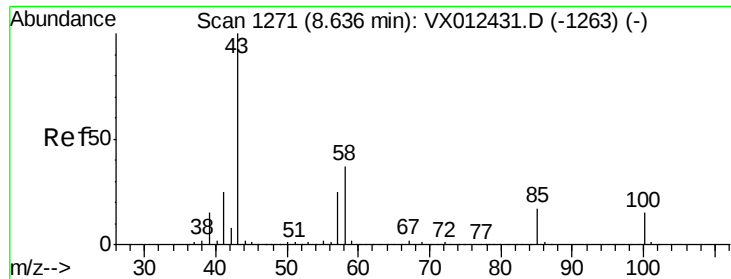
MMDadoda
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#50
Toluene-d8
Concen: 49.944 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 95.265 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion: 43 Resp: 345028

Ion Ratio Lower Upper

43 100

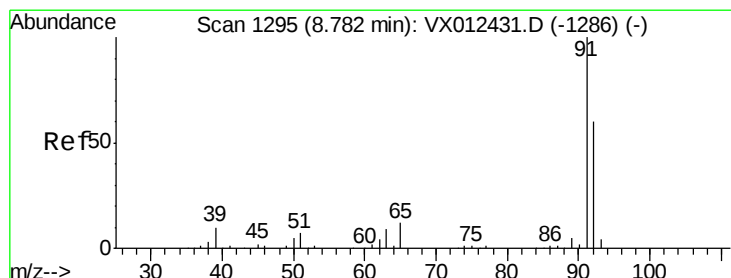
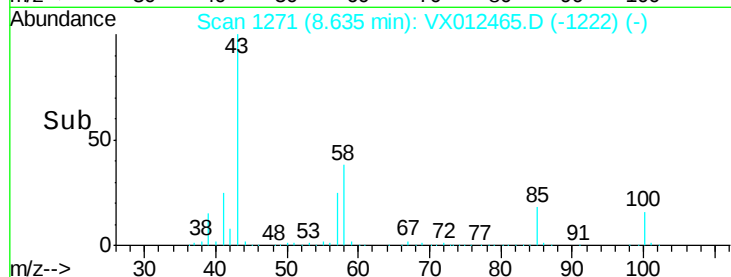
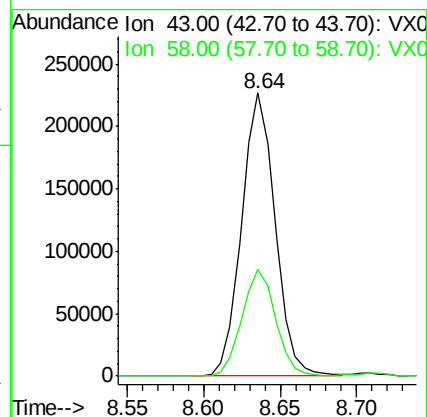
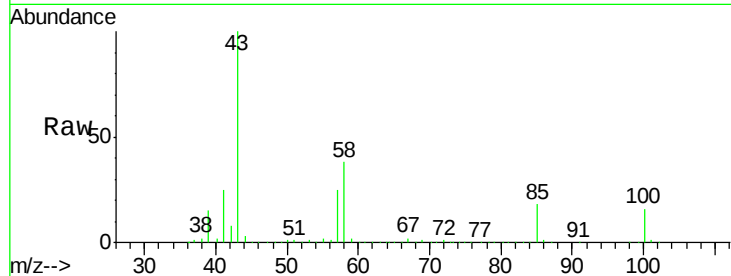
58 37.8 29.8 44.6

Manual Integrations

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#52

Toluene

Concen: 19.690 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012465.D

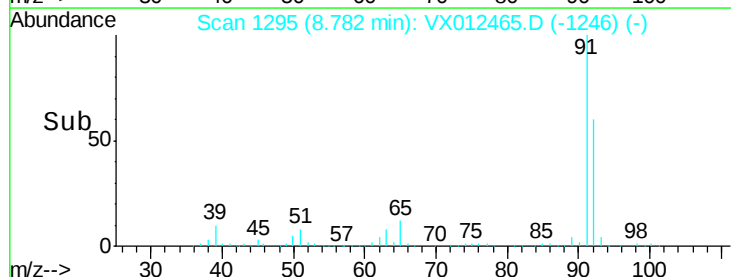
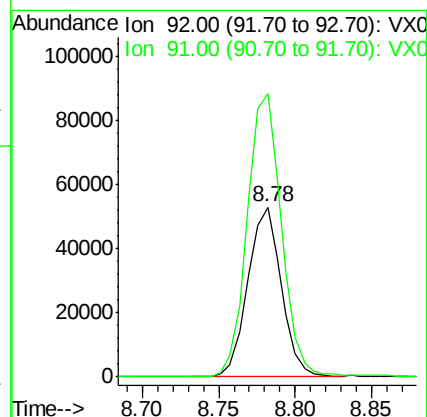
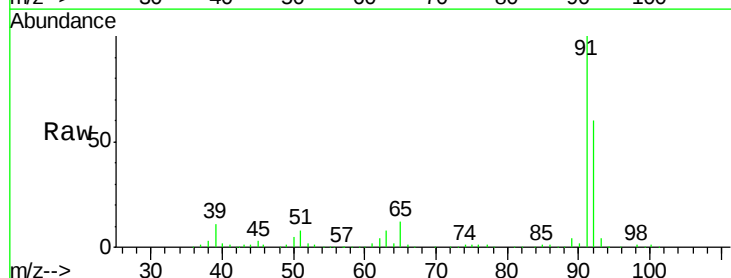
Acq: 18 Sep 2019 11:55

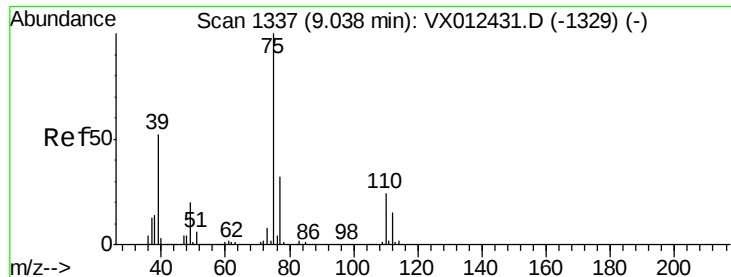
Tgt Ion: 92 Resp: 80879

Ion Ratio Lower Upper

92 100

91 170.0 135.4 203.0





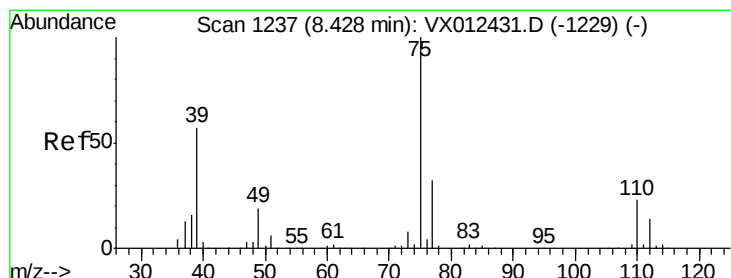
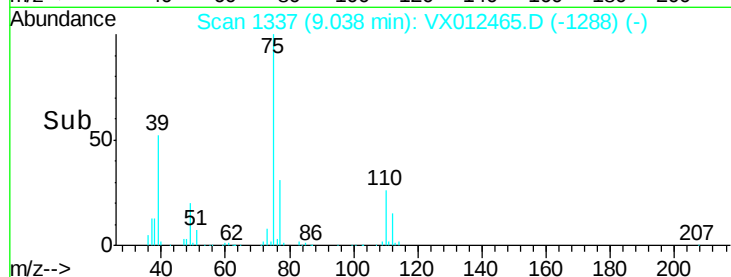
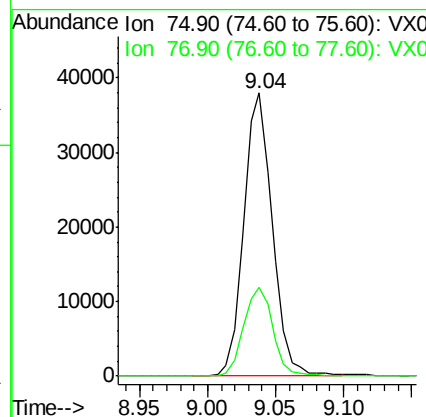
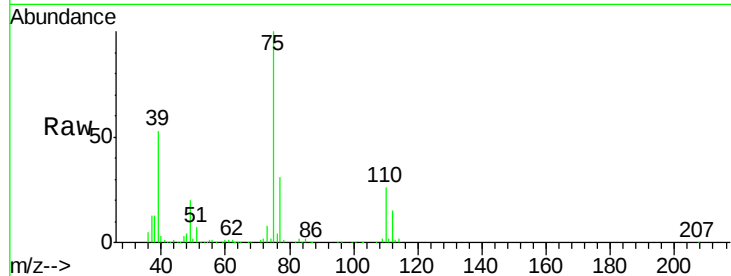
#53
t-1,3-Dichloropropene
Concen: 18.928 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion: 75 Resp: 55523
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8

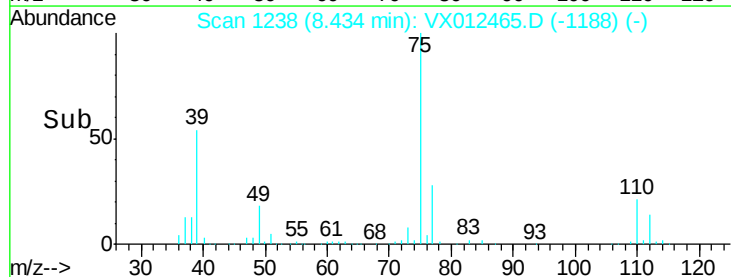
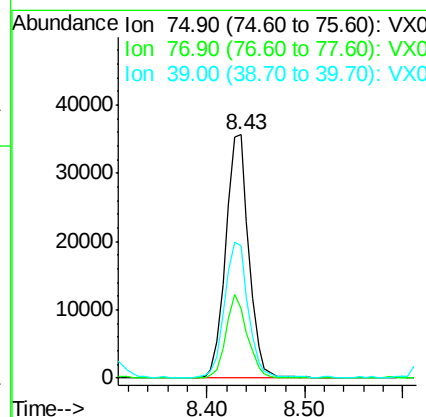
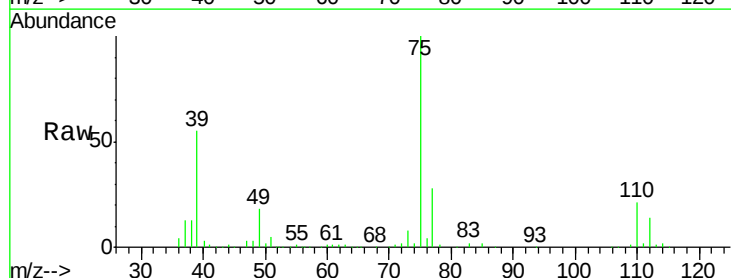
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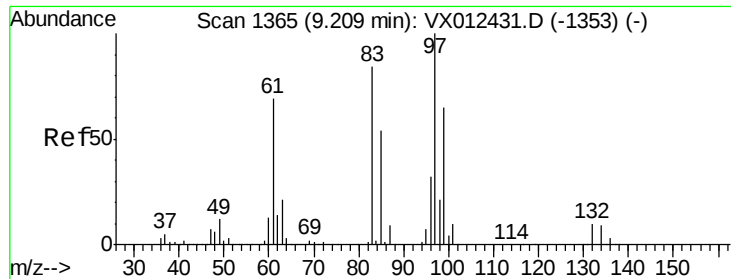
MMDadoda
9/19/2019 1:04:21 PM



#54
cis-1,3-Dichloropropene
Concen: 19.327 ug/l
RT: 8.43 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion: 75 Resp: 58693
Ion Ratio Lower Upper
75 100
77 28.3 25.8 38.8
39 54.3 45.5 68.3





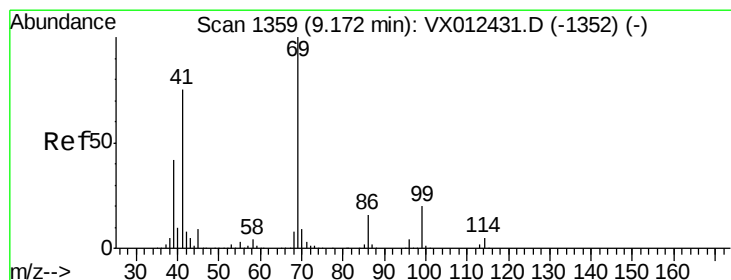
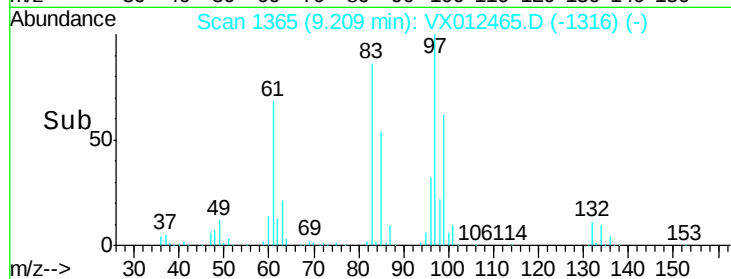
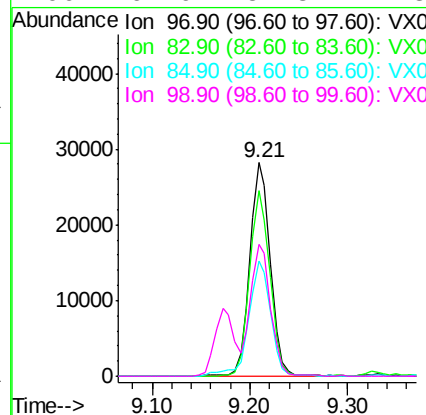
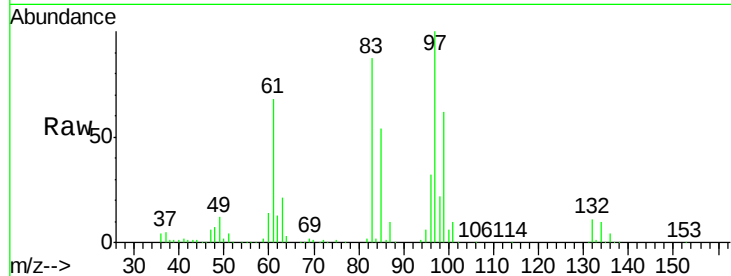
#55
 1,1,2-Trichloroethane
 Concen: 19.385 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Tot Ion:	97	Resp:	41023
Ion	Ratio	Lower	Upper
97	100		
83	86.7	67.4	101.2
85	53.7	43.5	65.3
99	61.9	51.8	77.8

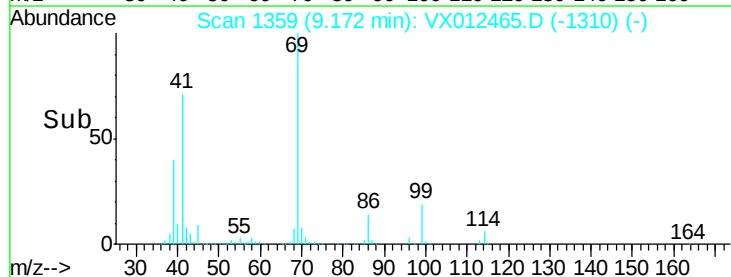
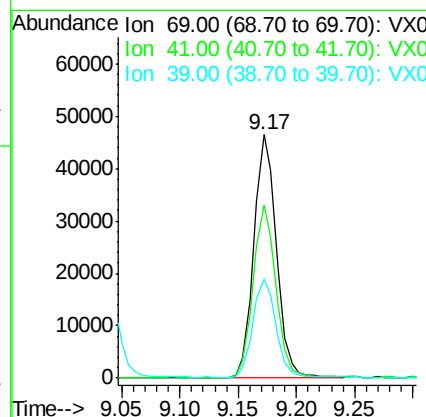
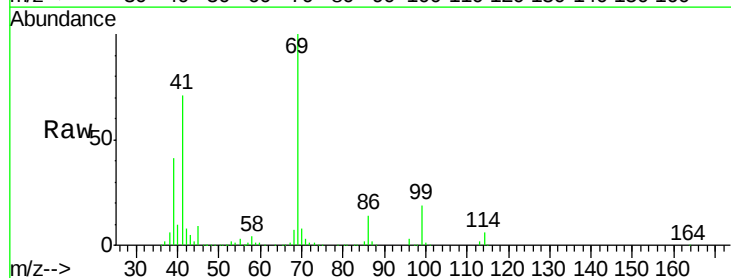
Manual Integrations
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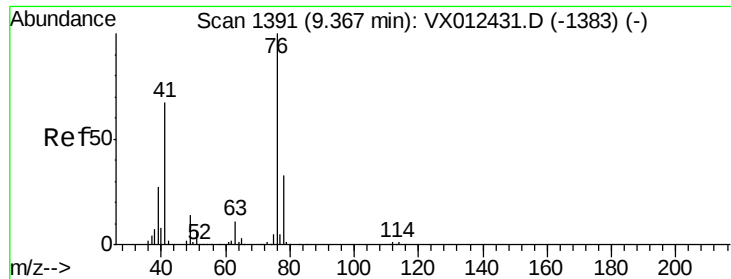
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 19.234 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Tgt Ion:	69	Resp:	63640
Ion	Ratio	Lower	Upper
69	100		
41	70.9	58.4	87.6
39	41.4	33.4	50.0





#57

1,3-Dichloropropane

Concen: 19.610 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS01

Tot Ion: 76 Resp: 66211

Ion Ratio Lower Upper

76 100

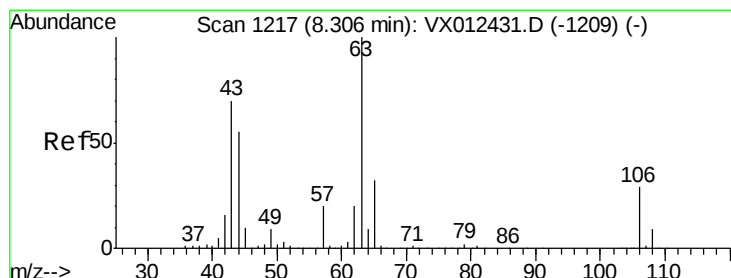
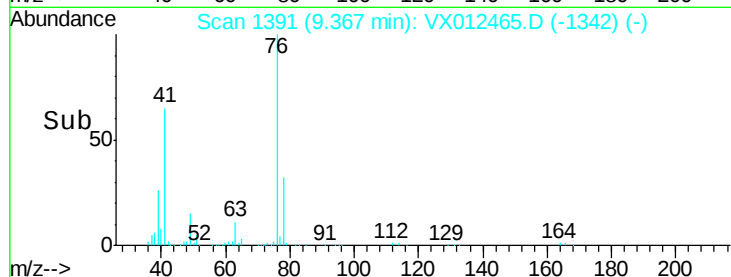
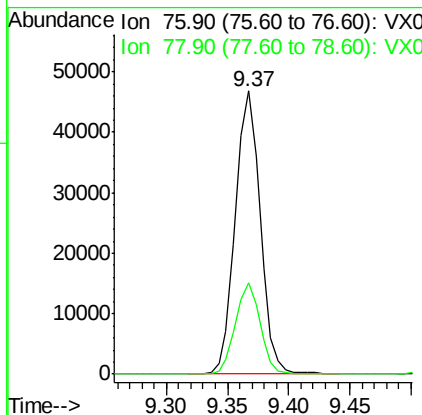
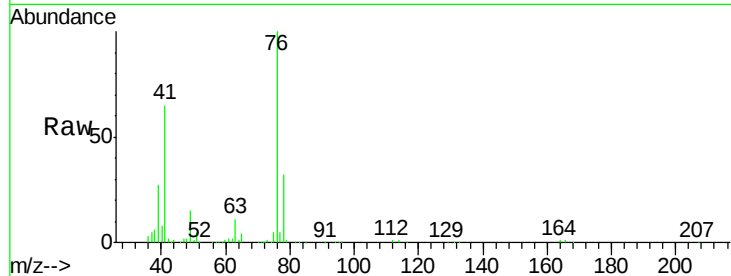
78 31.8 26.2 39.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 98.466 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012465.D

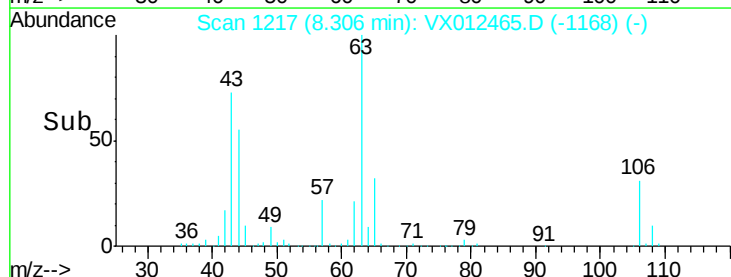
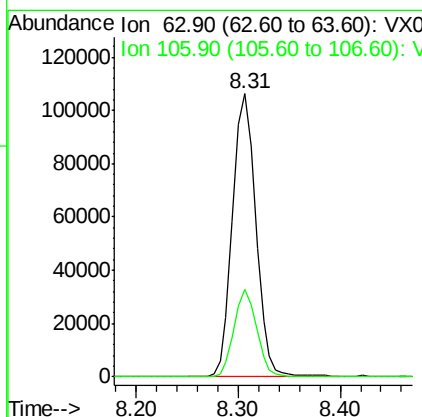
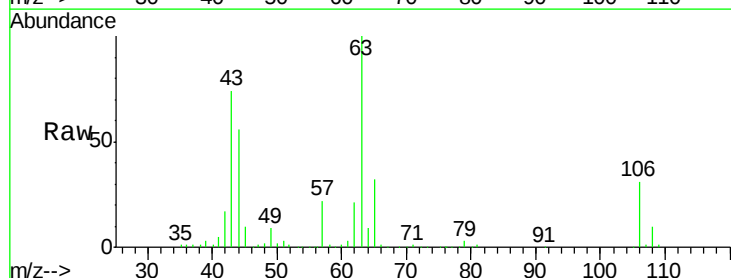
Acq: 18 Sep 2019 11:55

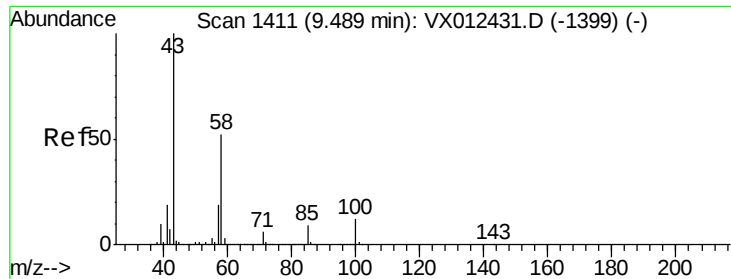
Tgt Ion: 63 Resp: 168642

Ion Ratio Lower Upper

63 100

106 30.1 23.8 35.6





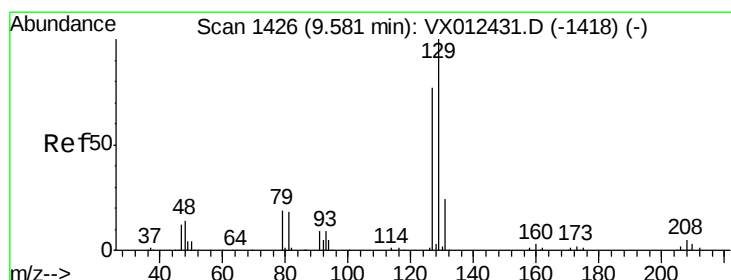
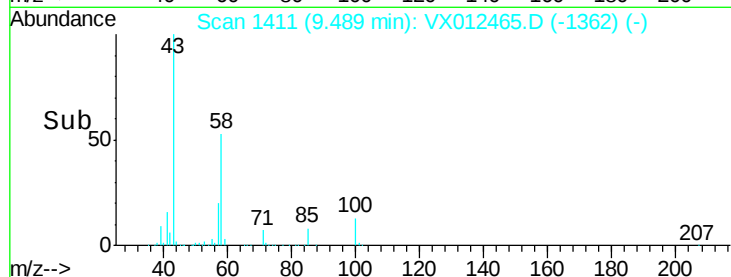
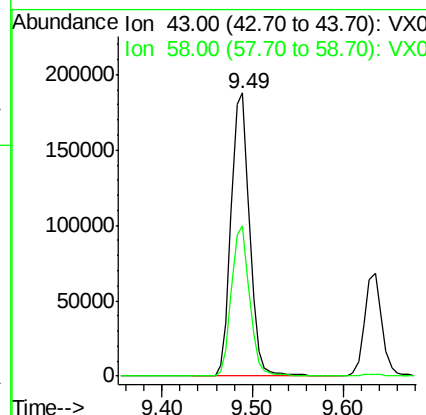
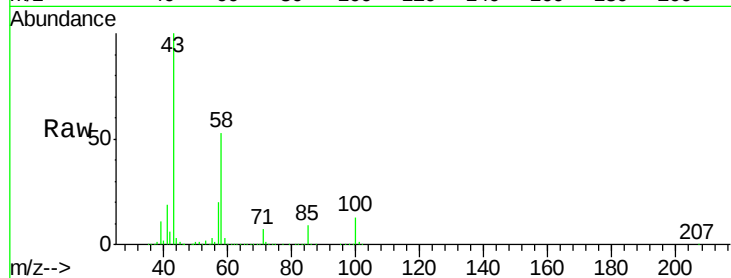
#59
2-Hexanone
Concen: 94.529 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion: 43 Resp: 267101
Ion Ratio Lower Upper
43 100
58 52.4 25.7 77.1

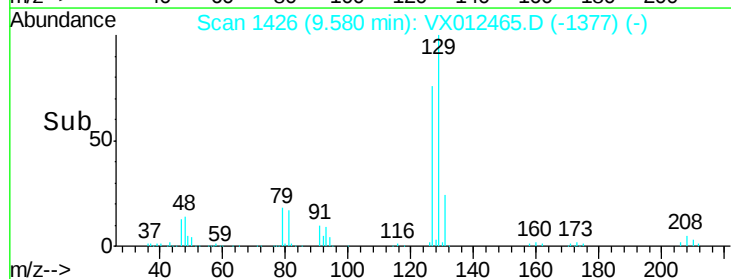
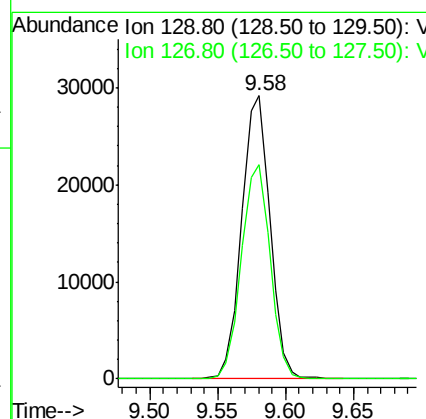
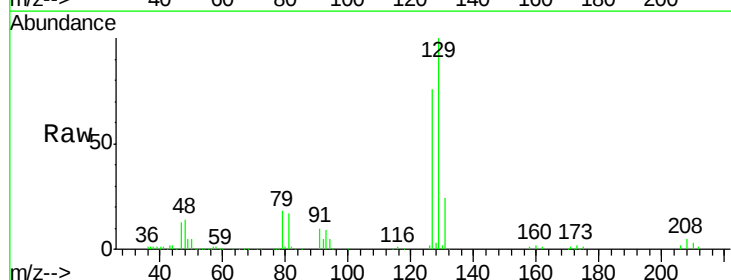
Manual Integrations
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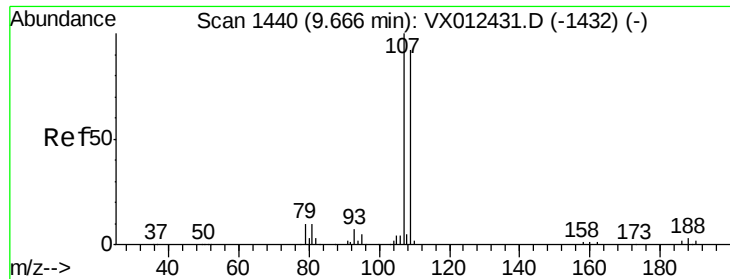
MMDadoda
9/19/2019 1:04:21 PM



#60
Dibromochloromethane
Concen: 19.690 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion: 129 Resp: 42444
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.169 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion:107 Resp: 38982

Ion Ratio Lower Upper

107 100

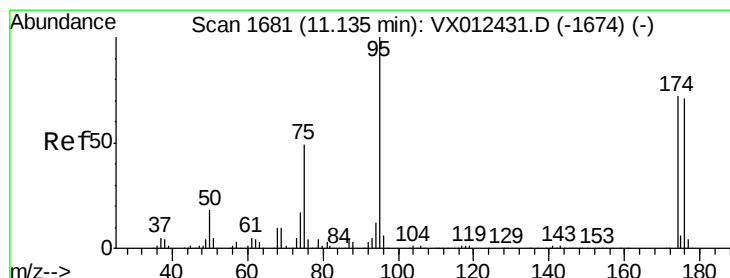
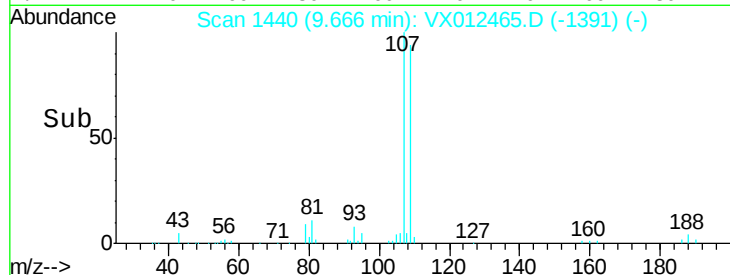
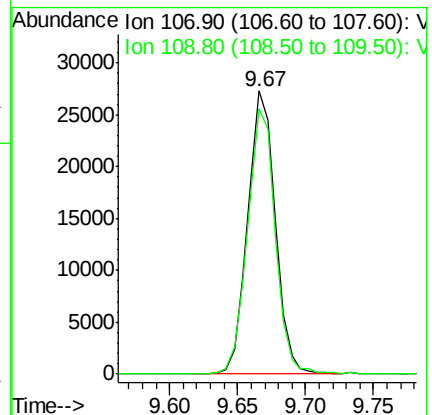
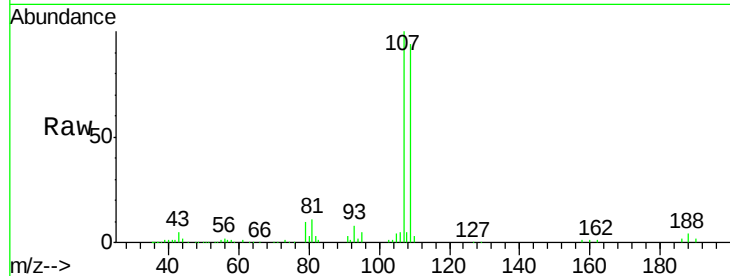
109 94.1 74.7 112.1

Manual Integrations

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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 47.484 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

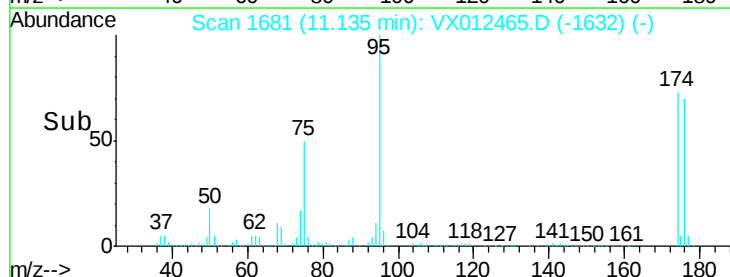
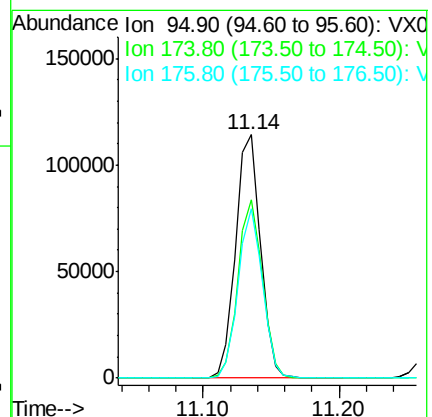
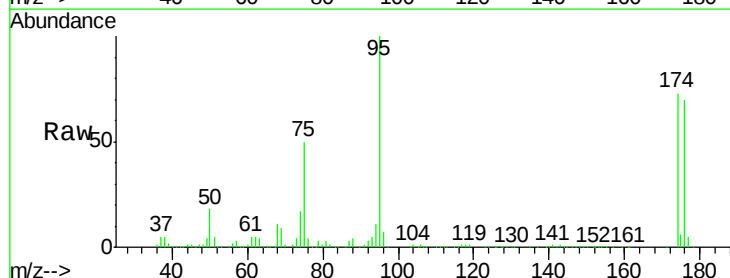
Tgt Ion: 95 Resp: 145688

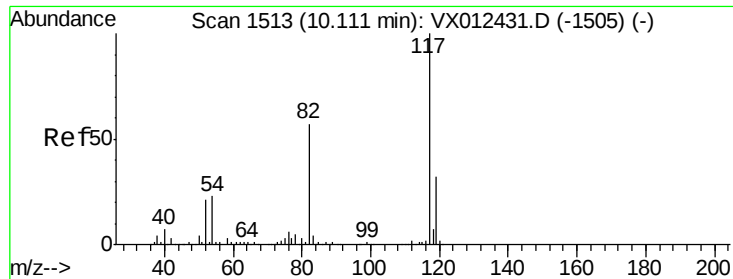
Ion Ratio Lower Upper

95 100

174 72.1 0.0 140.0

176 68.2 0.0 135.4





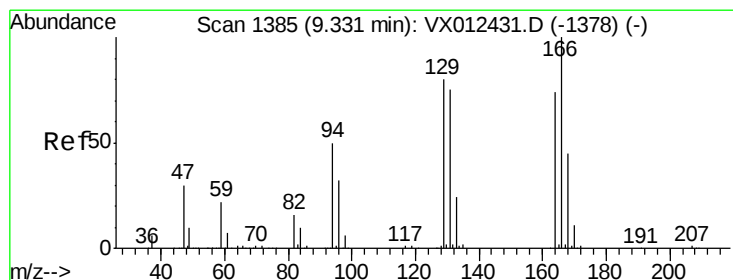
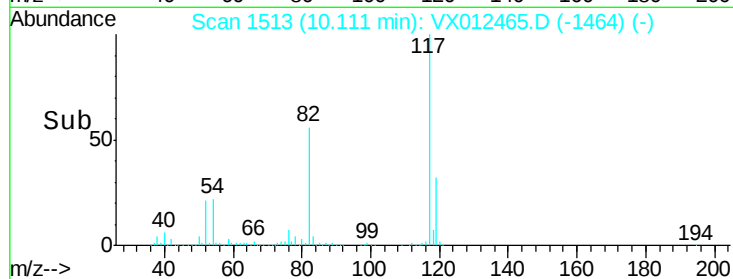
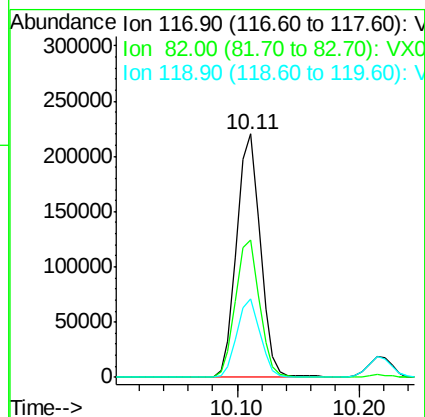
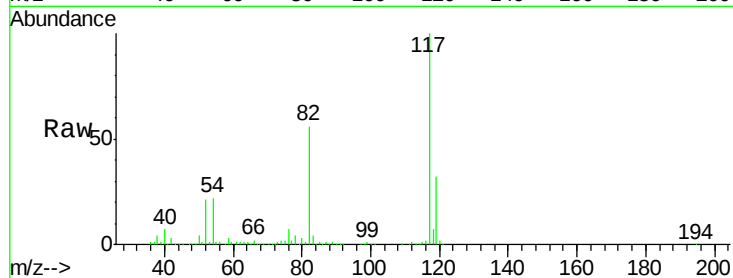
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	56.5	45.9	68.9
119	32.2	25.3	37.9

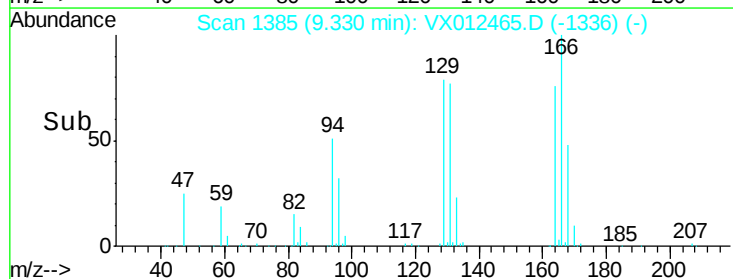
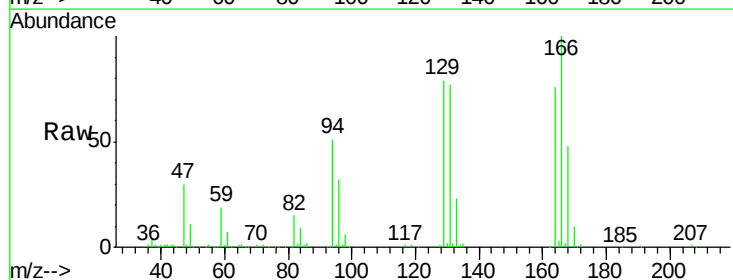
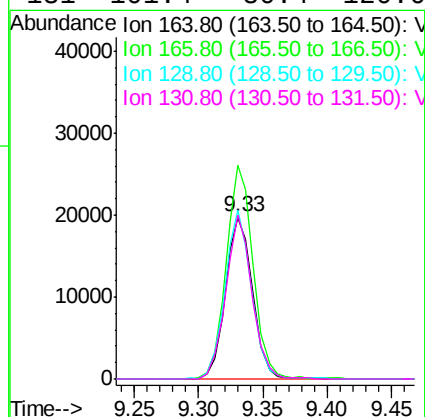
Manual Integrations
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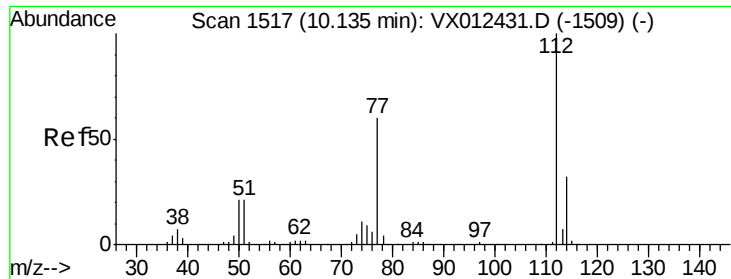
MMDadoda
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#64
Tetrachloroethene
Concen: 21.709 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
166	132.3	107.8	161.6
129	104.9	86.2	129.2
131	101.4	80.4	120.6





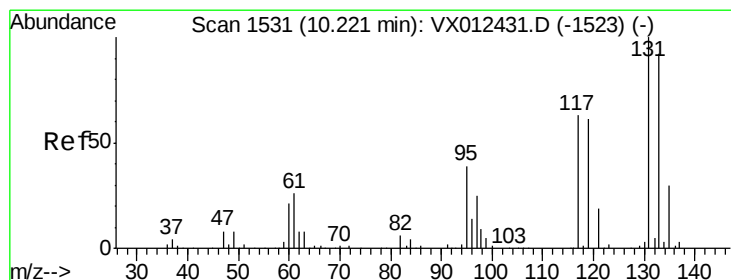
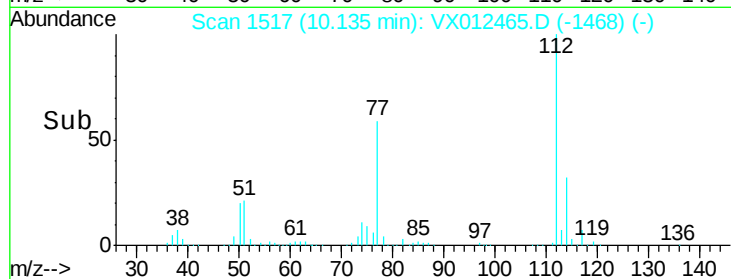
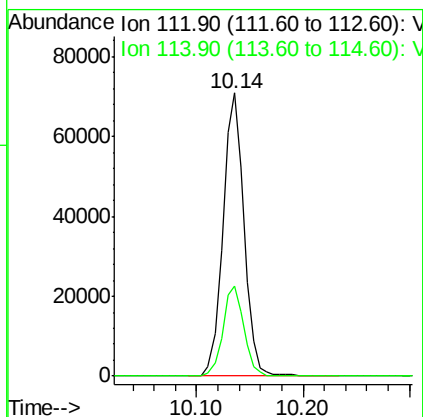
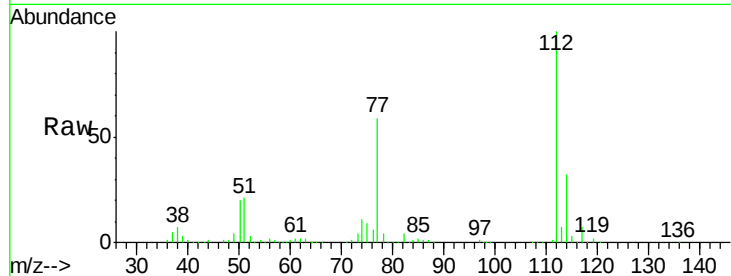
#65
Chlorobenzene
Concen: 20.167 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion:112 Resp: 97721
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

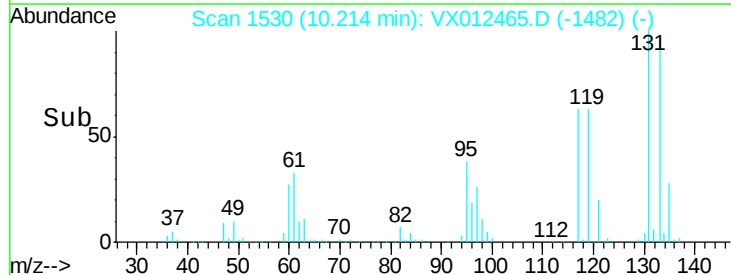
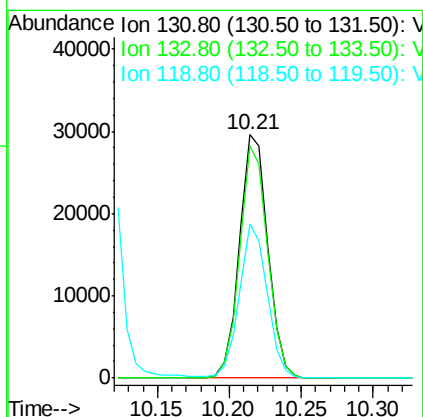
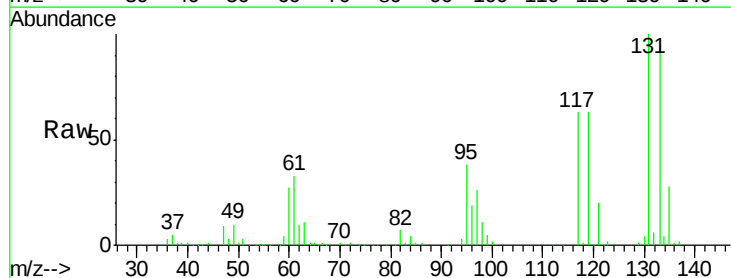
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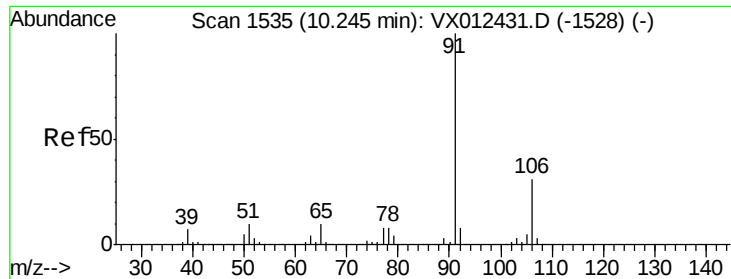
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.128 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion:131 Resp: 40478
Ion Ratio Lower Upper
131 100
133 94.0 47.6 142.9
119 62.1 31.3 93.8





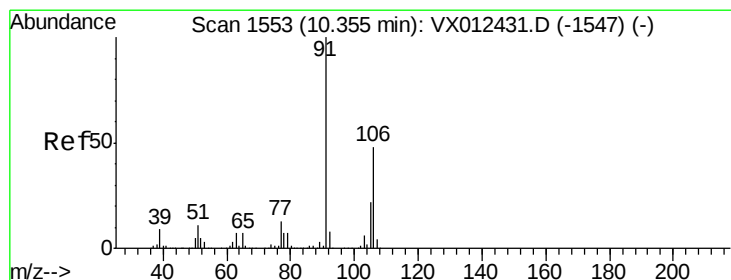
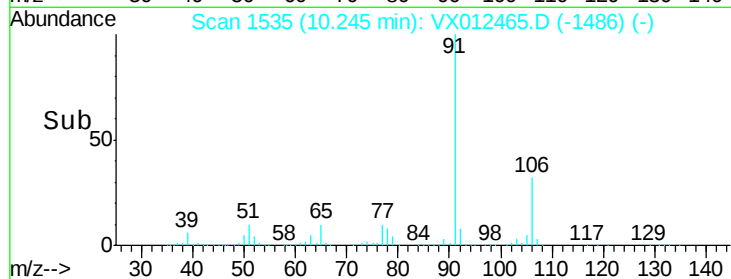
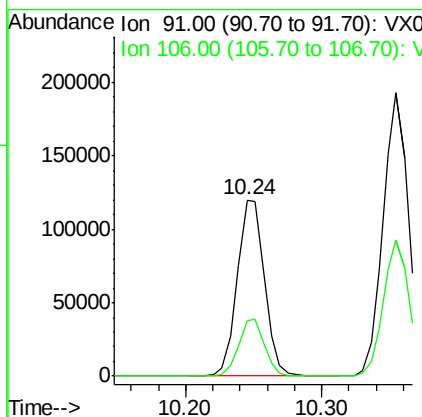
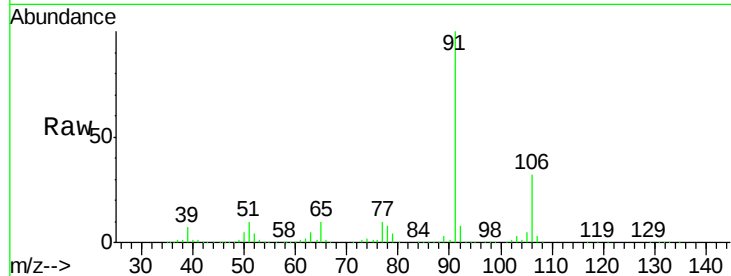
#67
Ethyl Benzene
Concen: 20.074 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion: 91 Resp: 167117
Ion Ratio Lower Upper
91 100
106 31.7 24.6 37.0

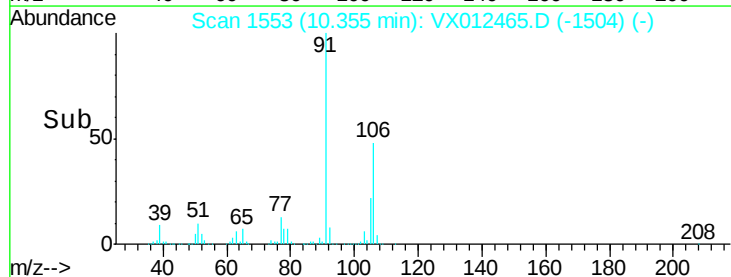
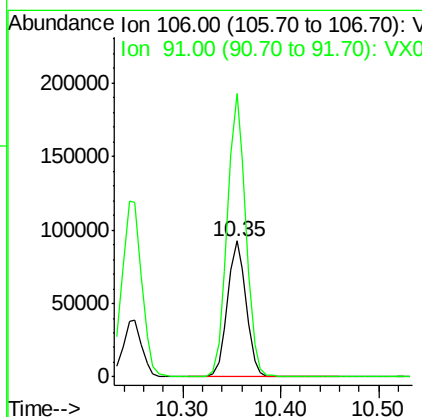
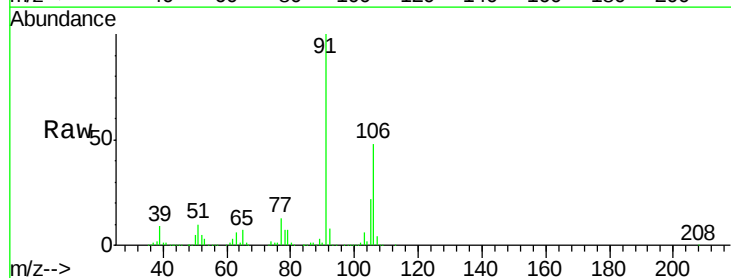
Manual Integrations
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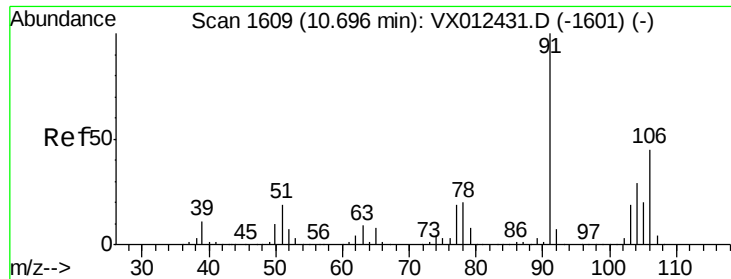
MMDadoda
9/19/2019 1:04:21 PM



#68
m/p-Xylenes
Concen: 40.643 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion: 106 Resp: 123112
Ion Ratio Lower Upper
106 100
91 205.0 166.6 250.0





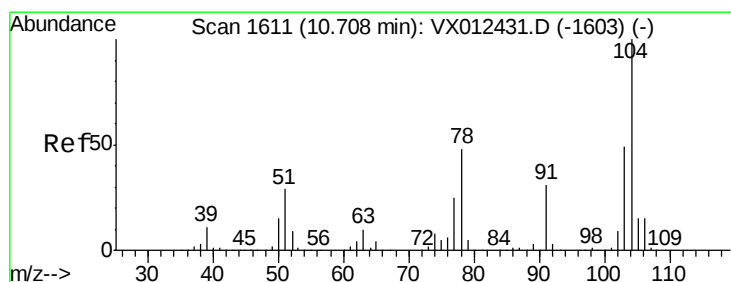
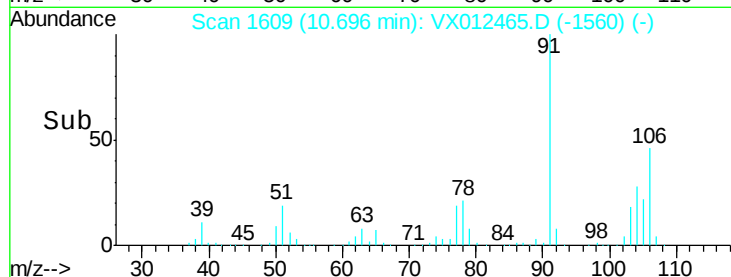
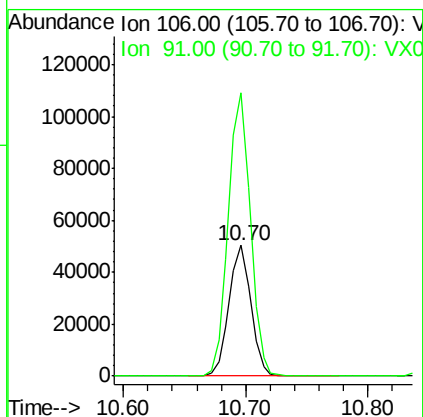
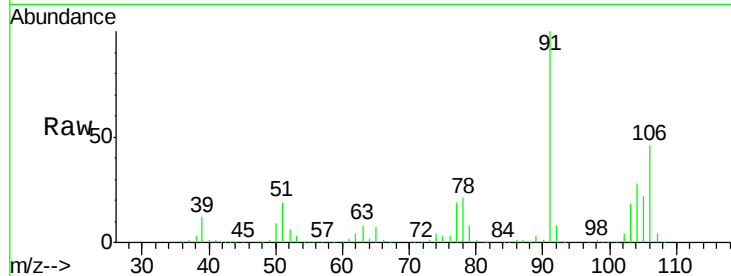
#69
o-Xylene
Concen: 20.027 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion:106 Resp: 62386
Ion Ratio Lower Upper
106 100
91 218.8 109.4 328.2

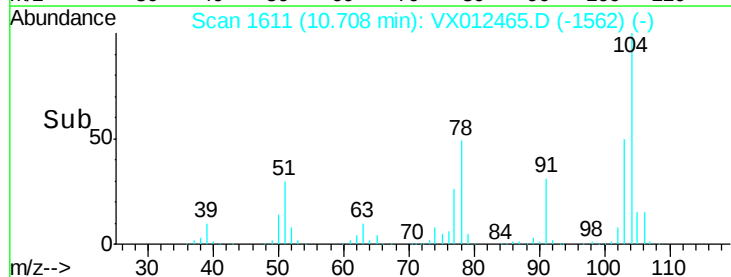
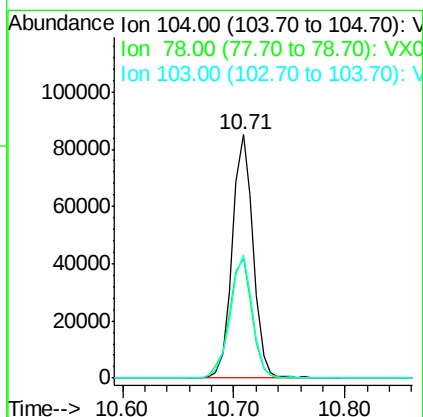
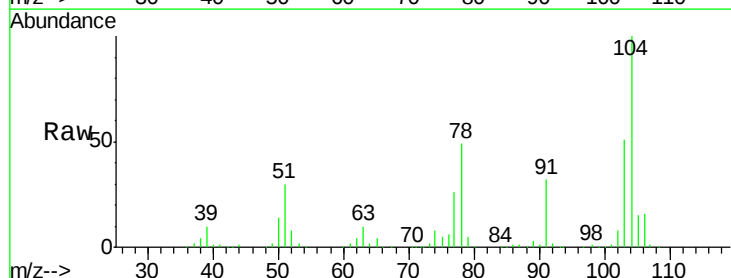
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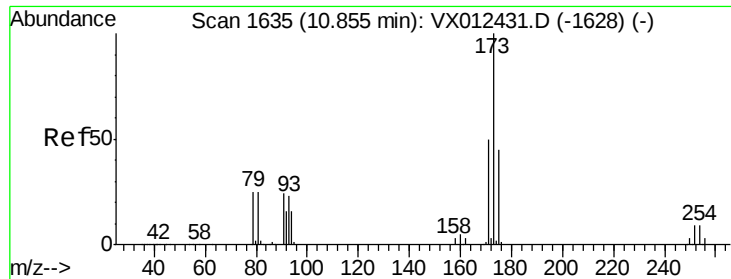
MMDadoda
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#70
Styrene
Concen: 19.966 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion:104 Resp: 110047
Ion Ratio Lower Upper
104 100
78 53.9 43.4 65.2
103 53.7 43.3 64.9





#71

Bromoform

Concen: 18.835 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion:173 Resp: 29327

Ion Ratio Lower Upper

173 100

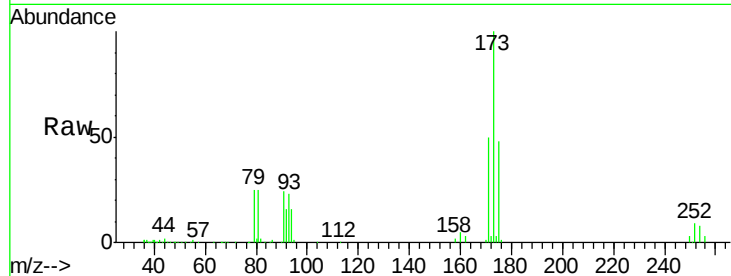
175 47.0 23.7 71.1

254 0.0 0.1 0.1#

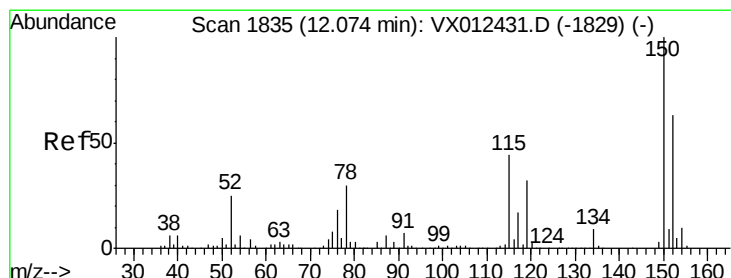
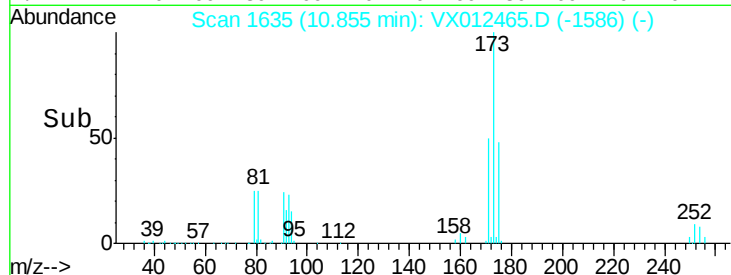
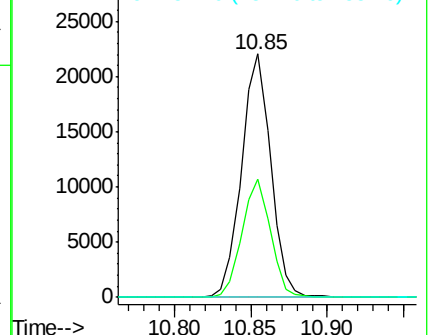
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

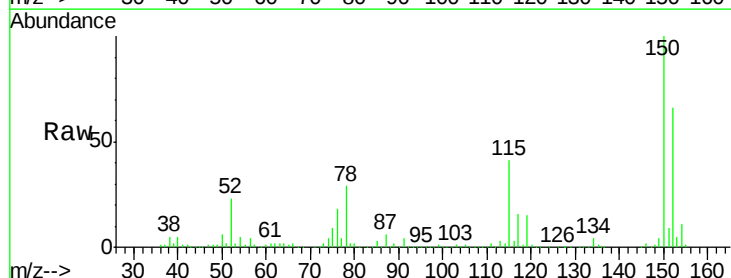
Tgt Ion:152 Resp: 140275

Ion Ratio Lower Upper

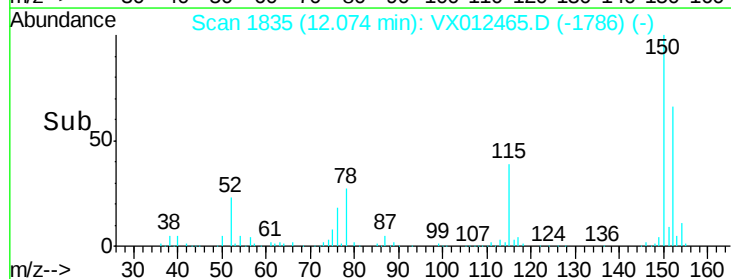
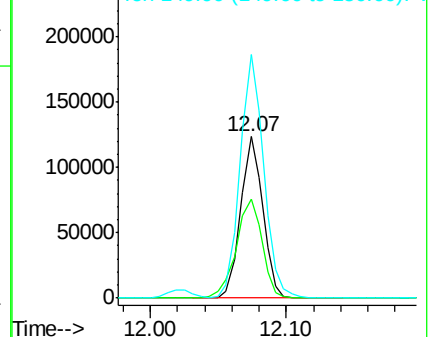
152 100

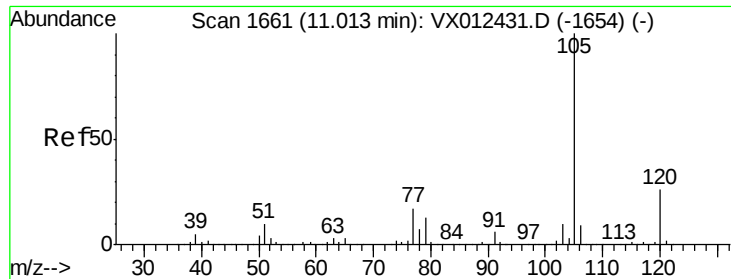
115 71.2 44.1 132.3

150 160.7 0.0 343.8



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





#73

Isopropylbenzene

Concen: 20.053 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion: 105 Resp: 176495

Ion Ratio Lower Upper

105 100

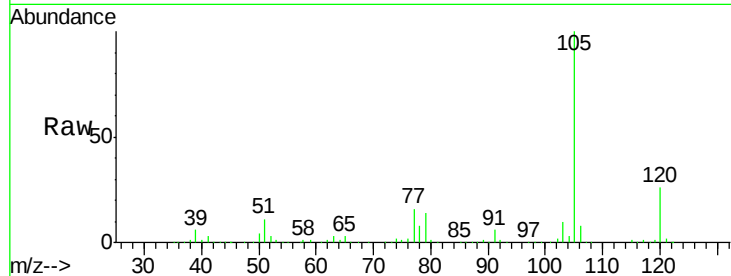
120 26.1 12.9 38.7

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

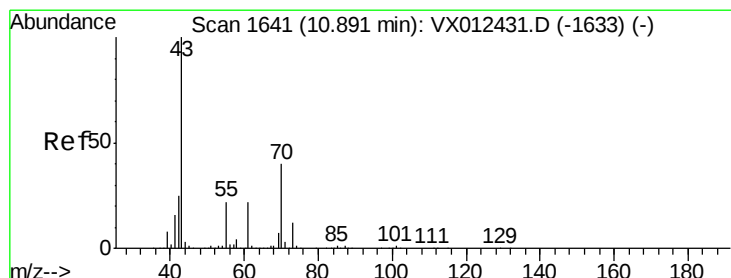
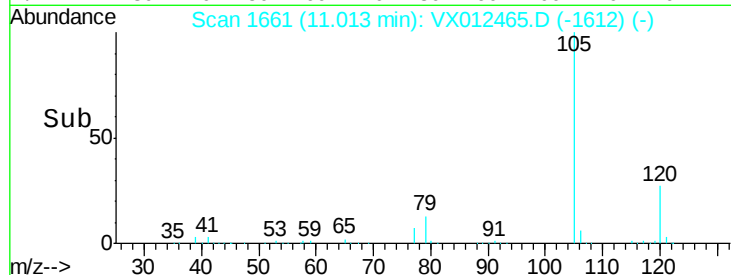
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 18.954 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Tgt Ion: 43 Resp: 89815

Ion Ratio Lower Upper

43 100

70 40.7 32.4 48.6

55 23.9 18.2 27.4

61 23.8 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

10.89

100000

80000

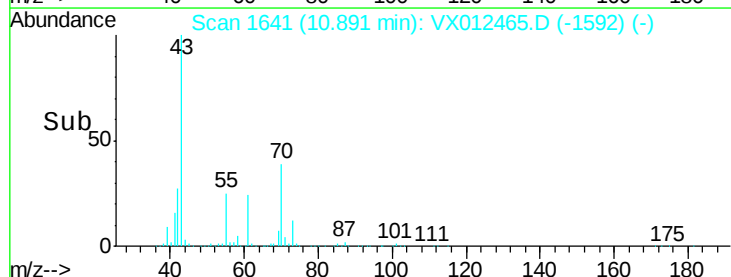
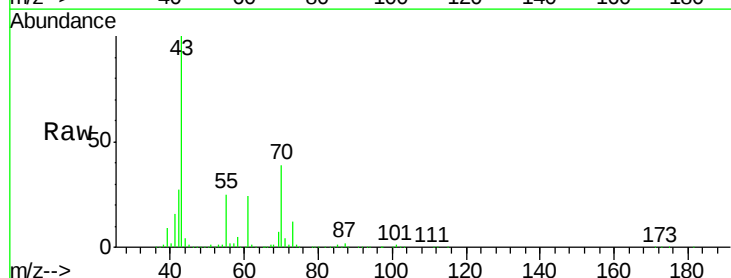
60000

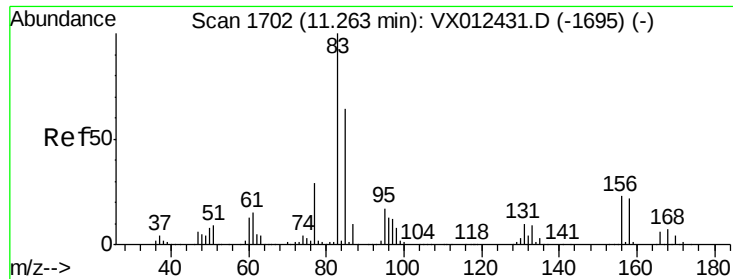
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.758 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

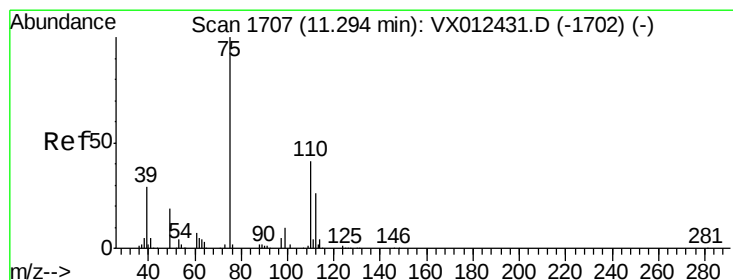
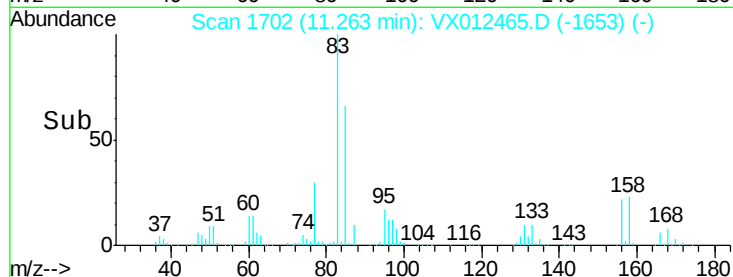
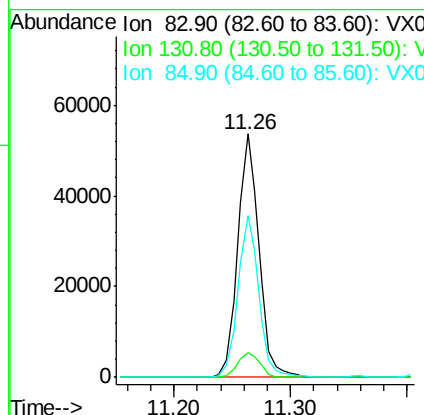
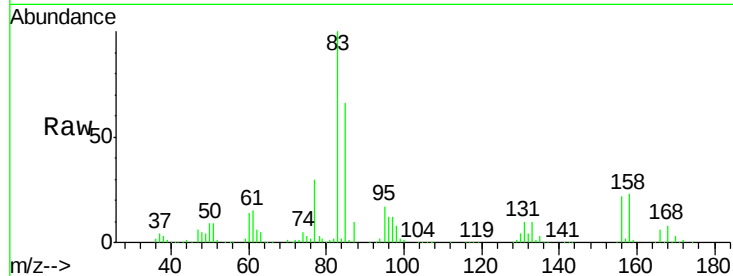
ClientSampleId :

VX0918WBS01

Tot Ion:	83	Resp:	68217
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.2	15.6
85	65.7	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.942 ug/l m

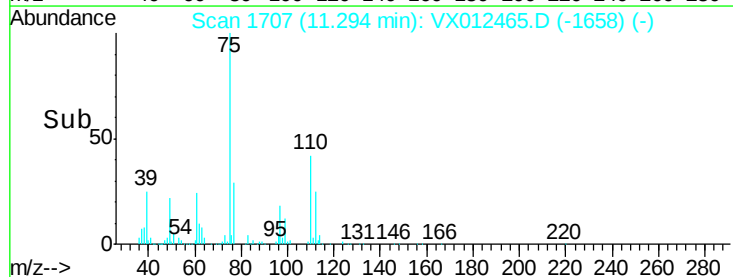
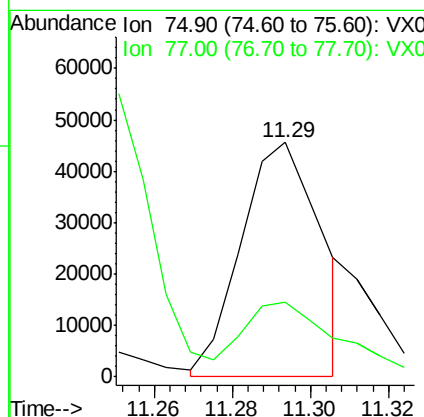
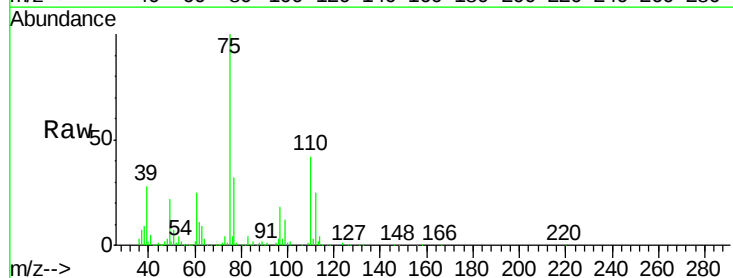
RT: 11.29 min Scan# 1707

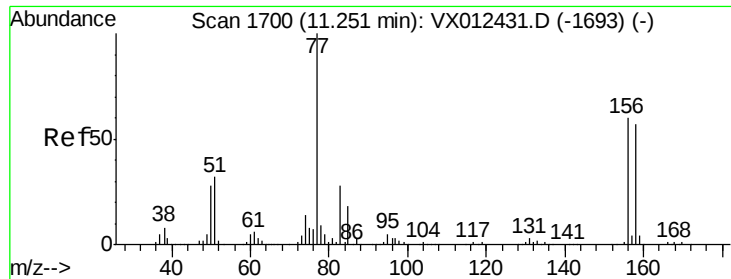
Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Tgt Ion:	75	Resp:	64259
Ion Ratio	Lower	Upper	
75	100		
77	38.3	19.7	59.0





#77

Bromobenzene

Concen: 19.882 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion:156 Resp: 42676

Ion Ratio Lower Upper

156 100

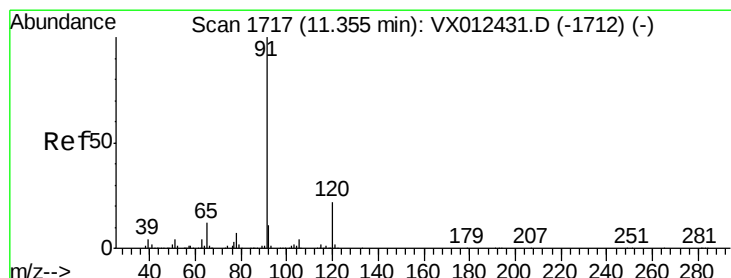
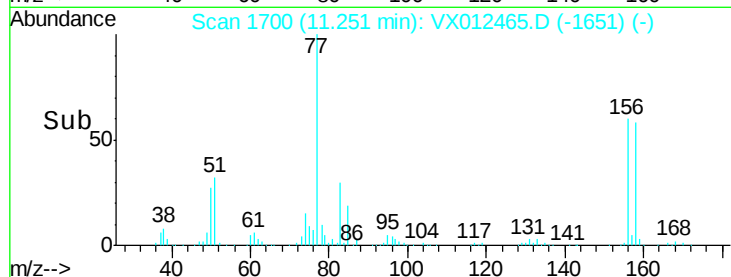
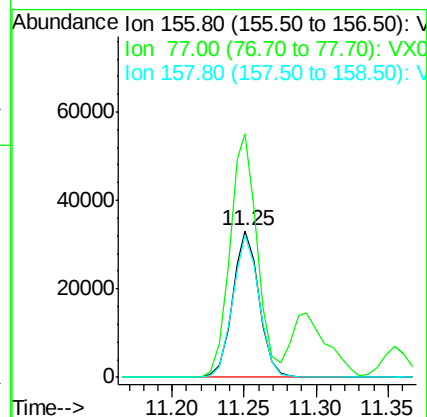
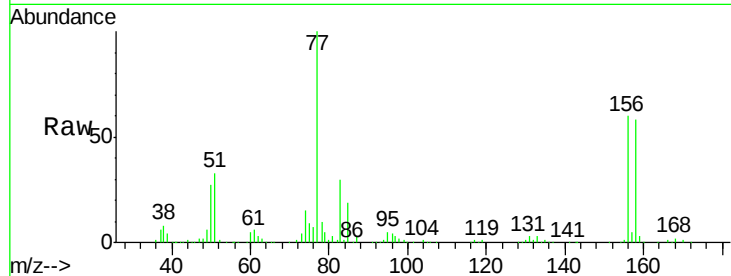
77 172.1 87.3 261.8

158 97.3 48.5 145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 19.712 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012465.D

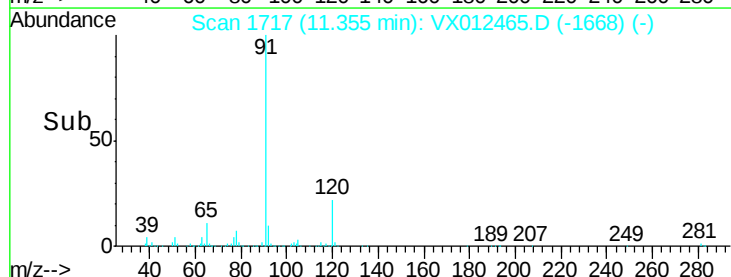
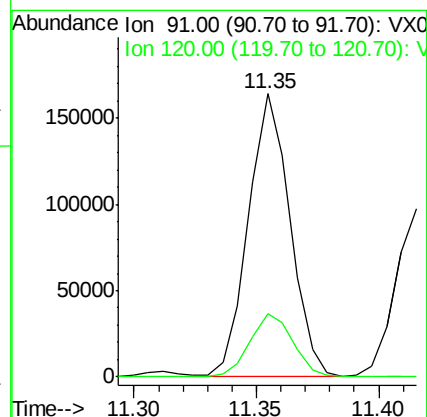
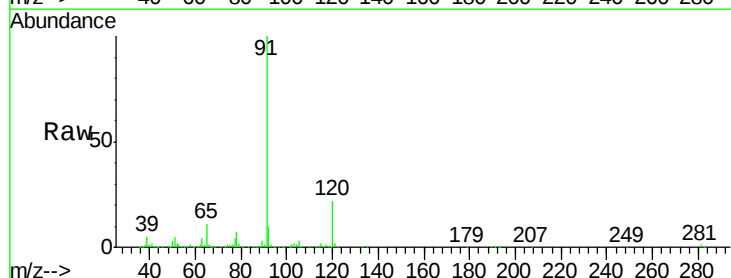
Acq: 18 Sep 2019 11:55

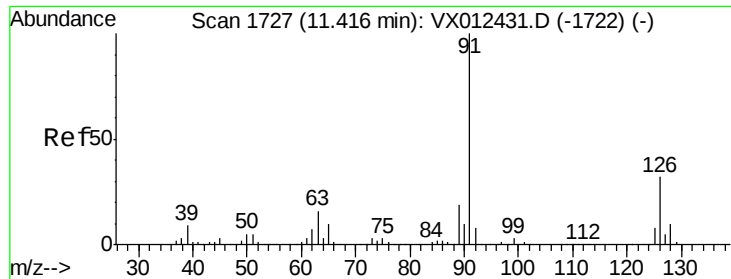
Tgt Ion: 91 Resp: 193366

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.8





#79

2-Chlorotoluene

Concen: 19.289 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion: 91 Resp: 123099

Ion Ratio Lower Upper

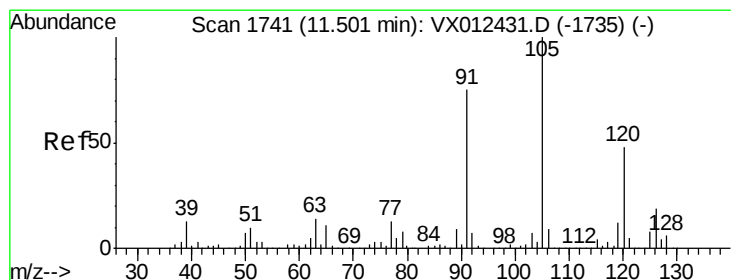
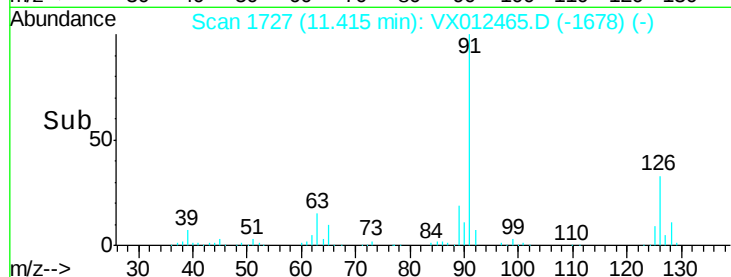
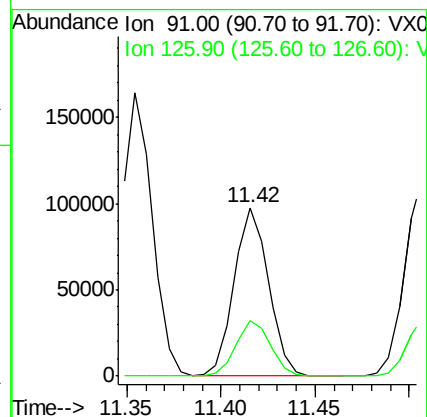
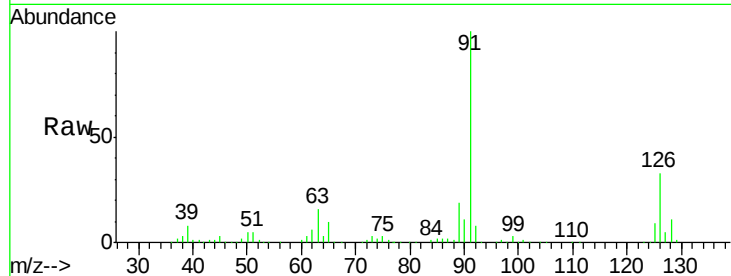
91 100

126 33.3 16.4 49.4

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 19.968 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX012465.D

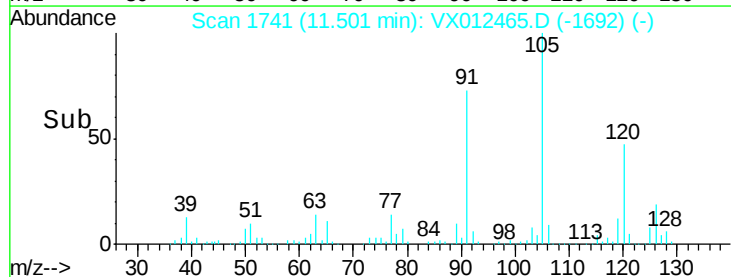
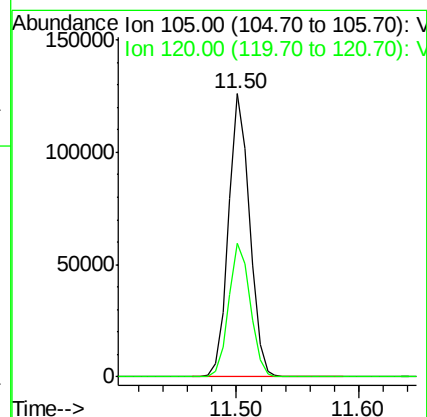
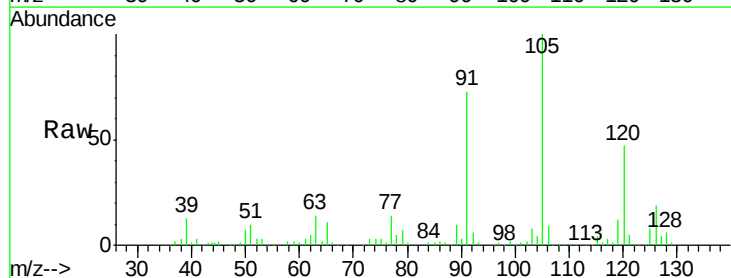
Acq: 18 Sep 2019 11:55

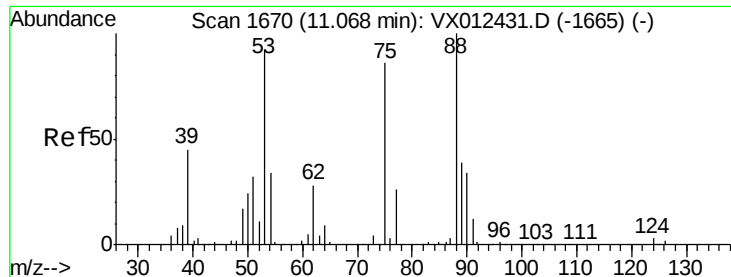
Tgt Ion:105 Resp: 149887

Ion Ratio Lower Upper

105 100

120 48.3 24.3 72.8





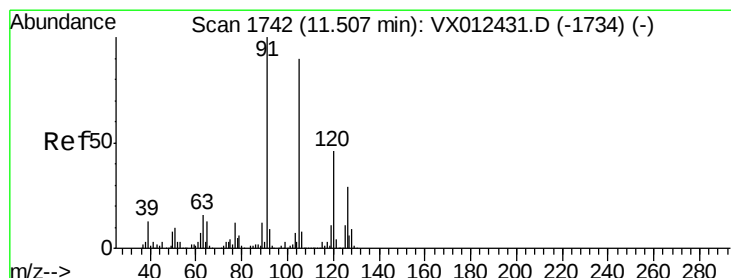
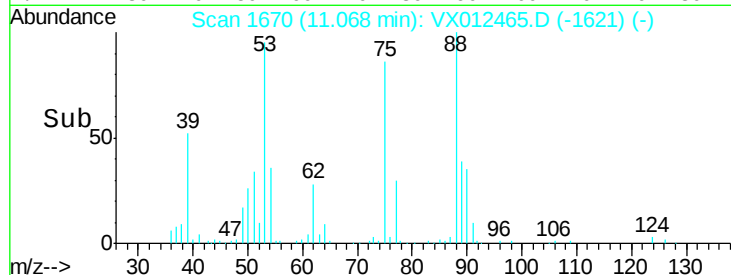
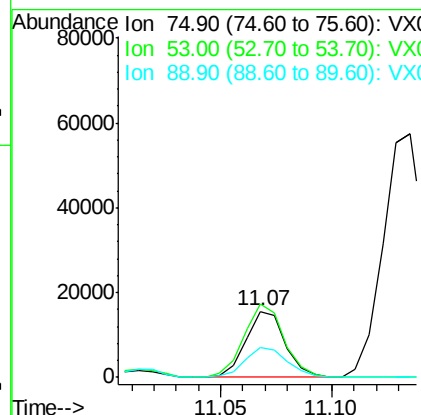
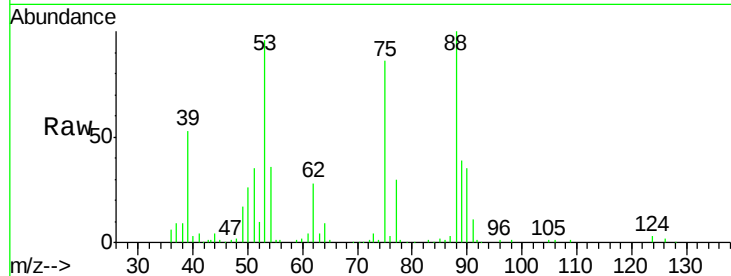
#81
trans-1,4-Dichloro-2-butene
Concen: 18.516 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.4	83.6	125.4
89	49.6	36.3	54.5

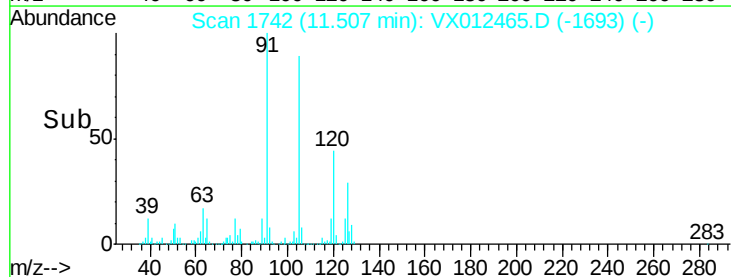
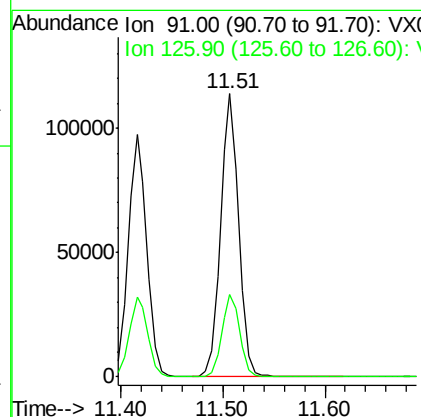
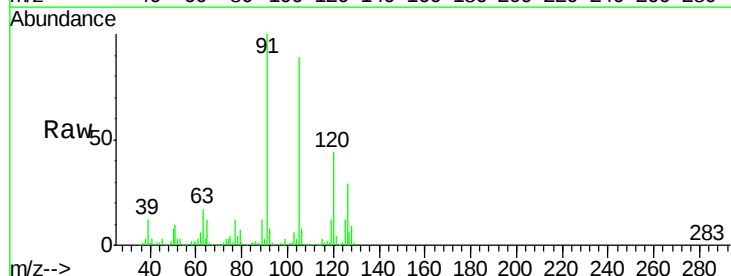
Manual Integrations
APPROVED

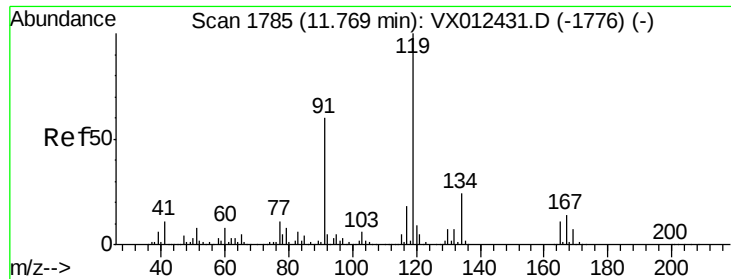
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#82
4-Chlorotoluene
Concen: 19.449 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.4	43.0





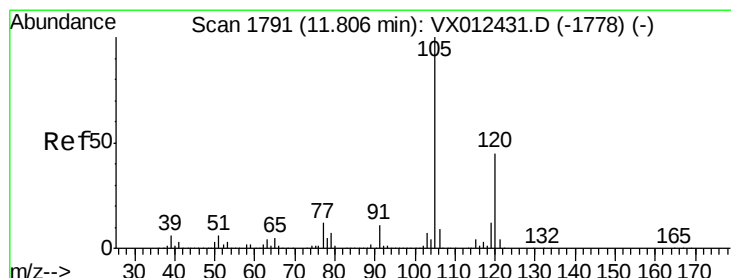
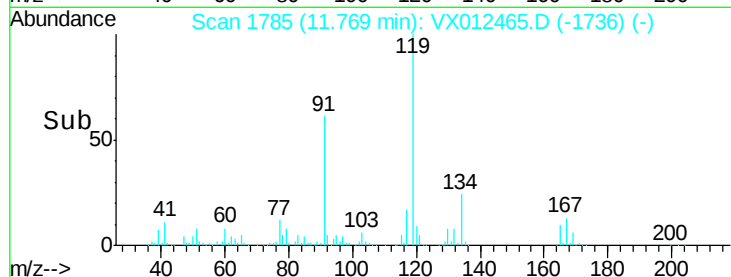
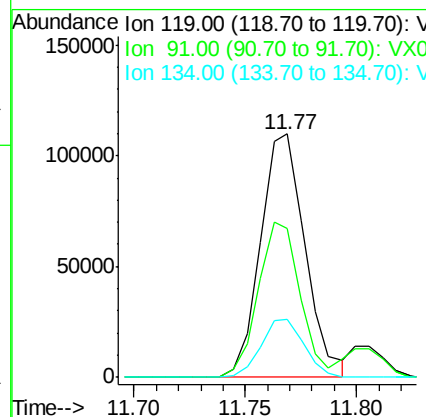
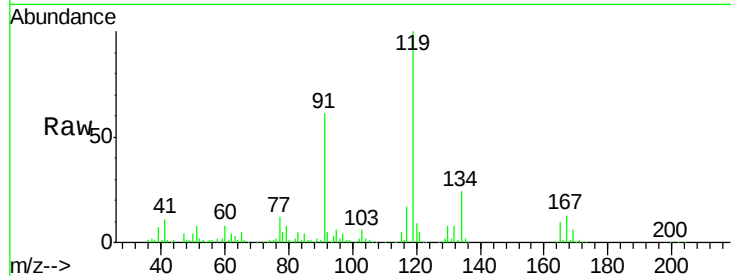
#83
 tert-Butylbenzene
 Concen: 19.029 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	153057		
91	60.0		30.0	90.0
134	23.2		11.3	33.9

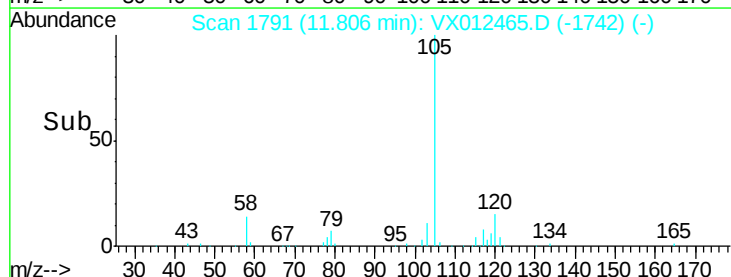
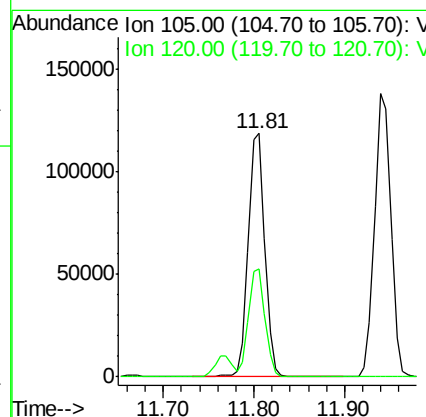
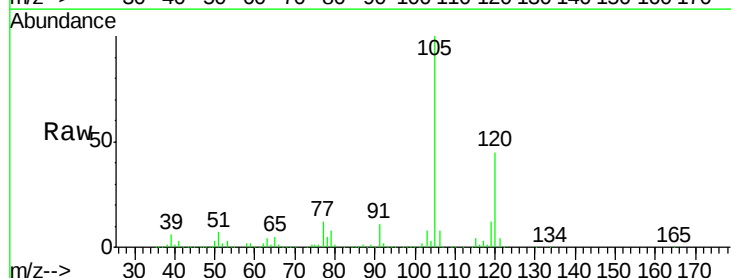
Manual Integrations
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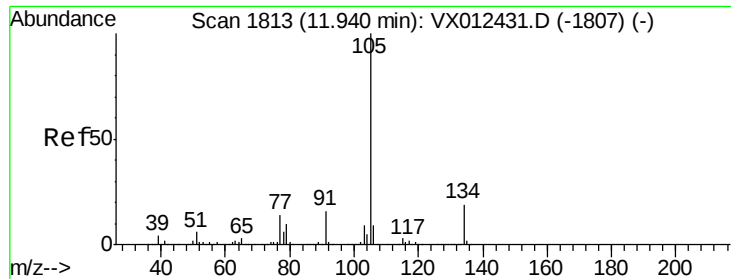
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.618 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	151196		
120	44.3		22.2	66.6





#85

sec-Butylbenzene

Concen: 19.550 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS01

Tot Ion:105 Resp: 173269

Ion Ratio Lower Upper

105 100

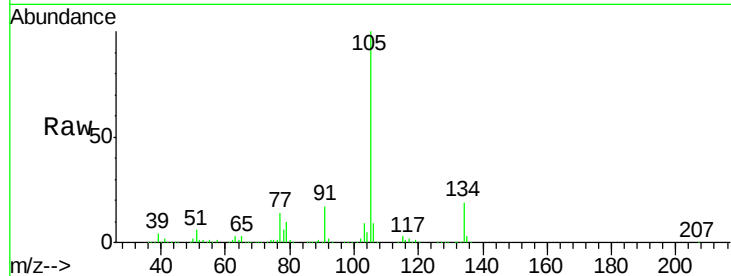
134 19.8 9.8 29.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

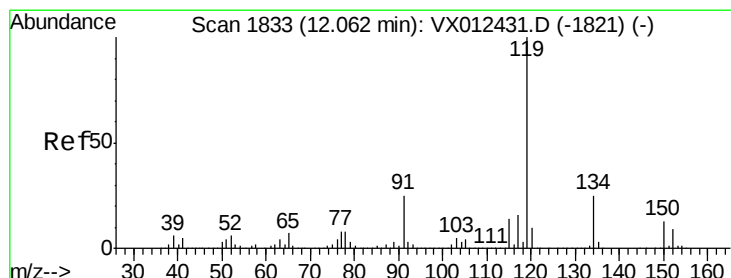
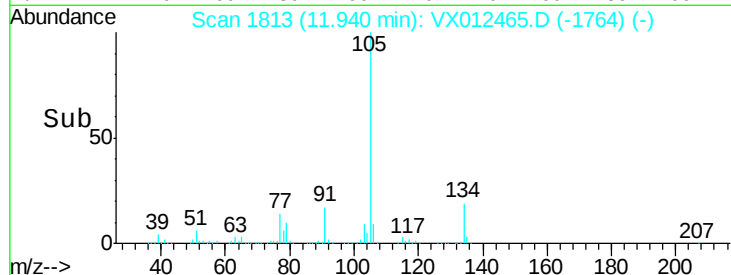
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.387 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

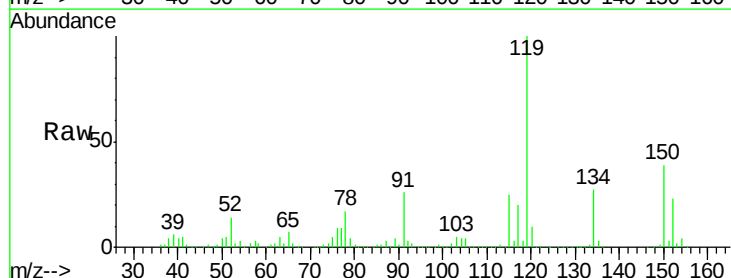
Tgt Ion:119 Resp: 157783

Ion Ratio Lower Upper

119 100

134 25.4 12.7 38.1

91 25.8 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

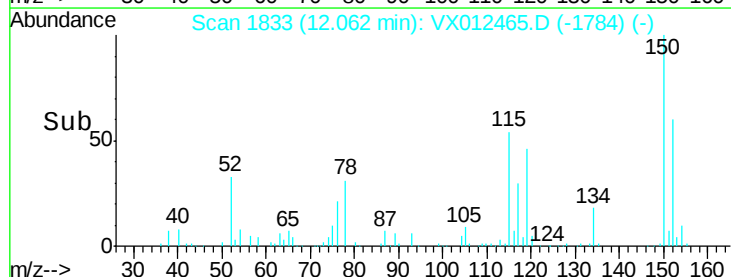
150000

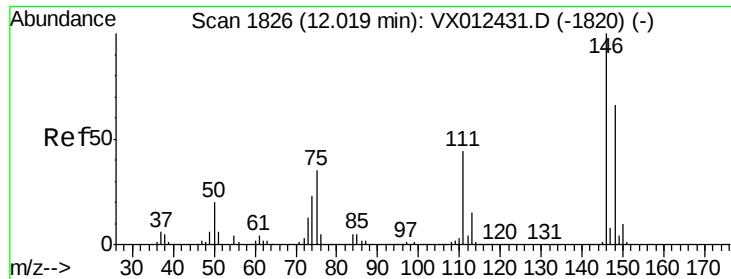
100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.526 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Instrument :

MSVOA_X

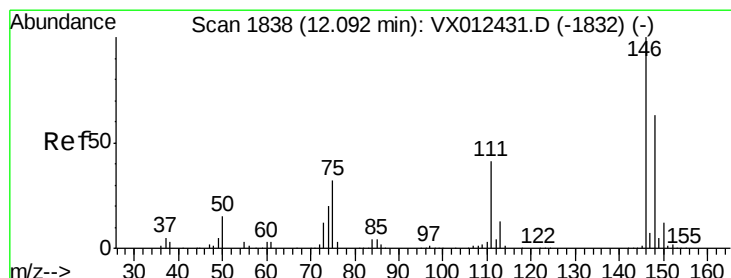
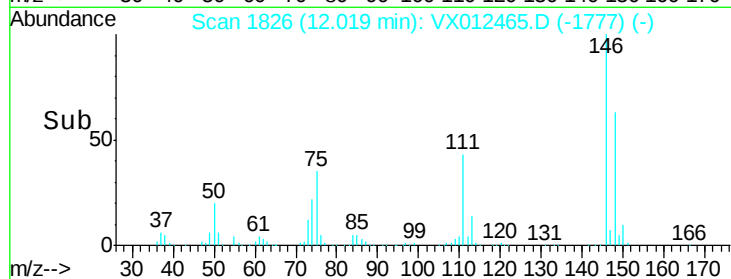
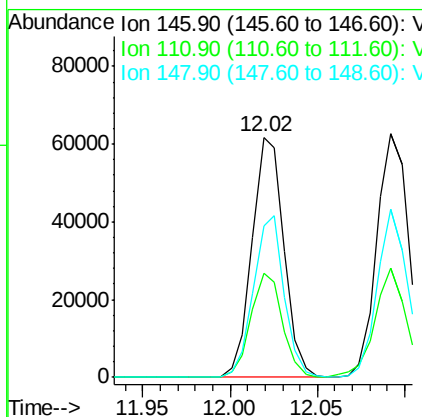
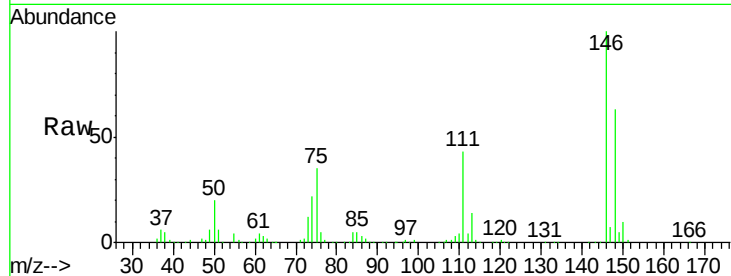
ClientSampleId :

VX0918WBS01

Tot Ion:146	Resp:	78840
Ion Ratio	Lower	Upper
146	100	
111	43.1	21.3 64.0
148	64.9	32.4 97.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.105 ug/l

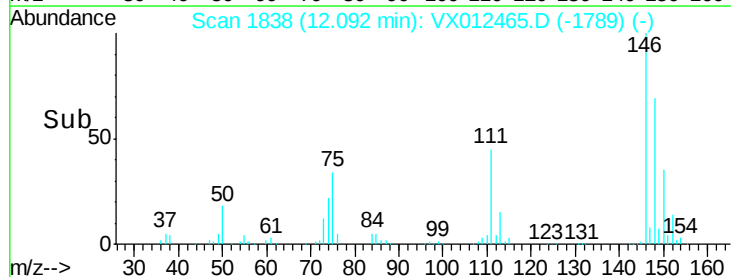
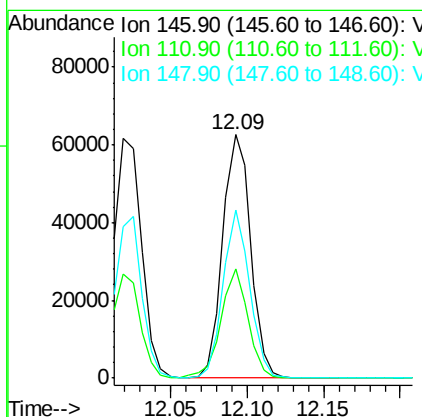
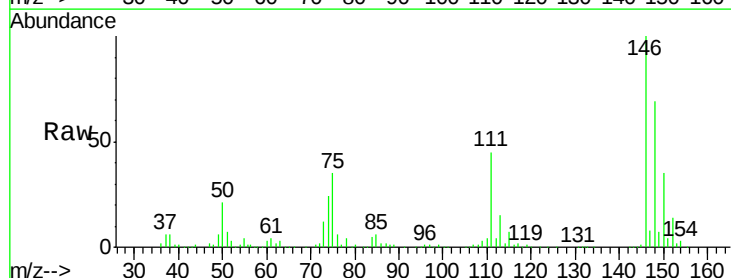
RT: 12.09 min Scan# 1838

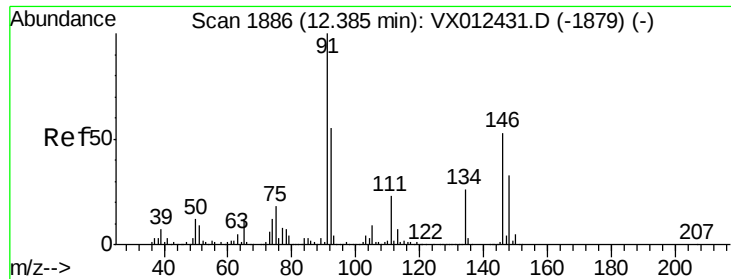
Delta R.T. -0.00 min

Lab File: VX012465.D

Acq: 18 Sep 2019 11:55

Tgt Ion:146	Resp:	79240
Ion Ratio	Lower	Upper
146	100	
111	43.7	21.1 63.3
148	65.8	32.1 96.5





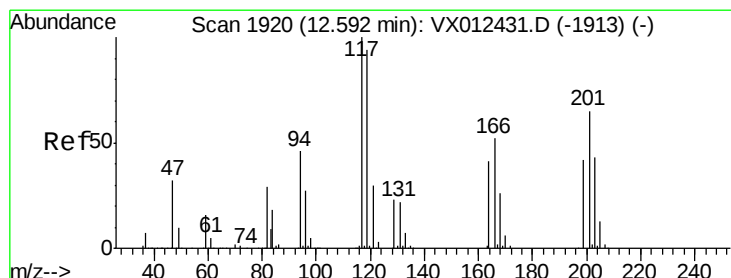
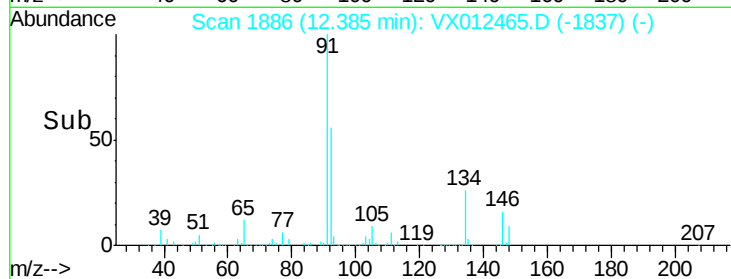
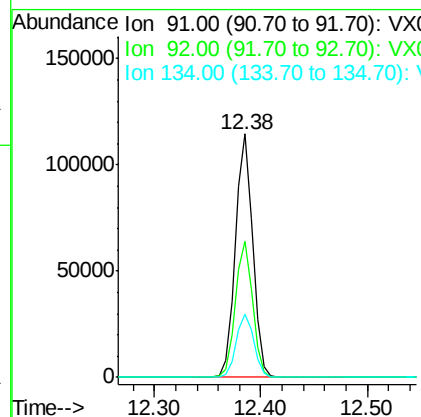
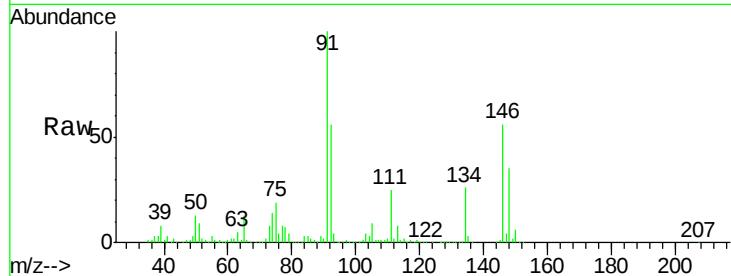
#89
n-Butylbenzene
Concen: 18.139 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.8	27.7	83.0	
134	26.4	12.9	38.6	

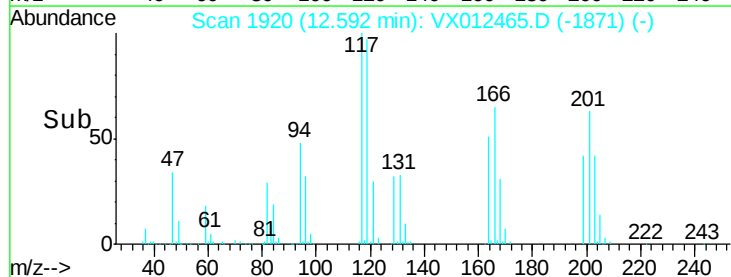
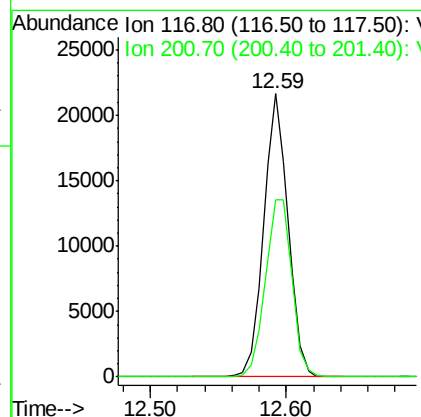
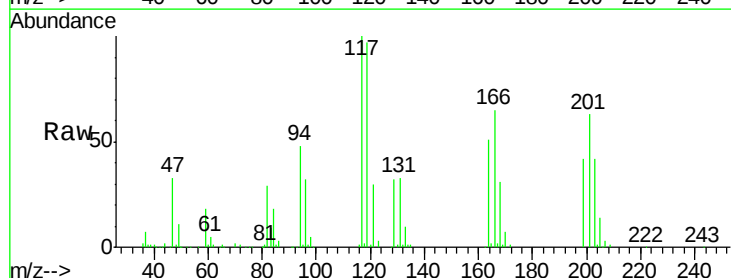
Manual Integrations
APPROVED

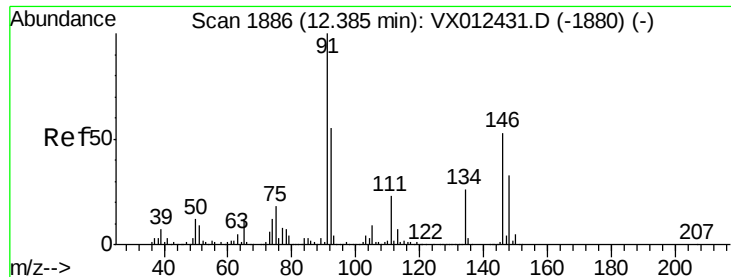
MMDadoda
9/19/2019 1:04:21 PM



#90
Hexachloroethane
Concen: 18.291 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	68.4	33.3	99.8	





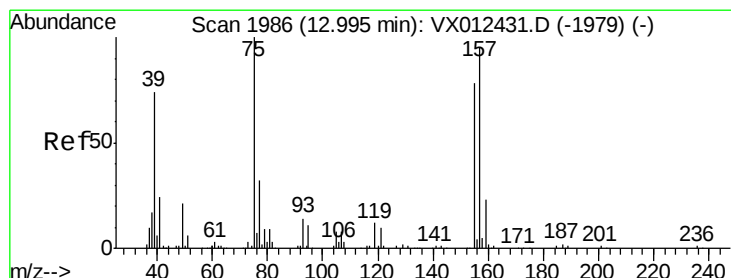
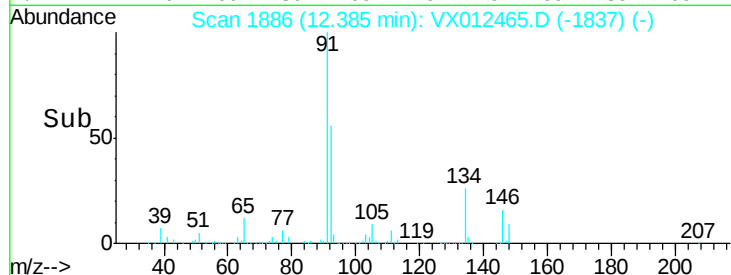
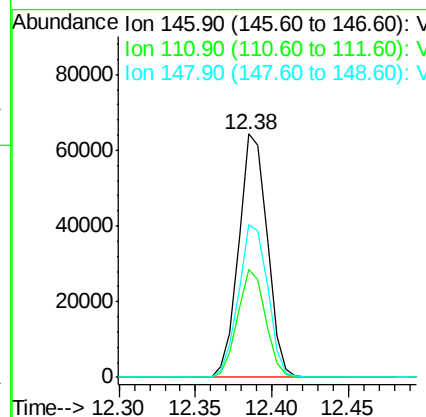
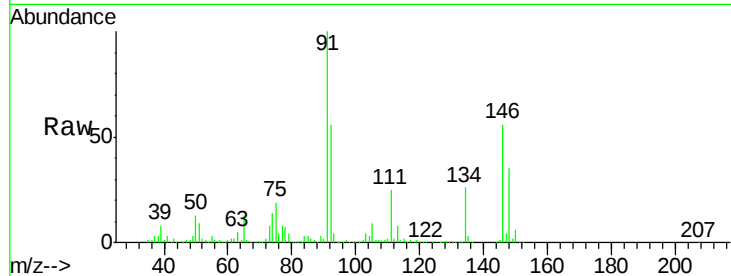
#91
 1,2-Dichlorobenzene
 Concen: 19.757 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.1	66.1
148	64.0	31.3	93.9

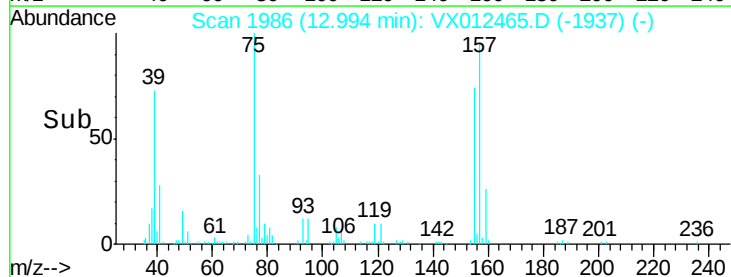
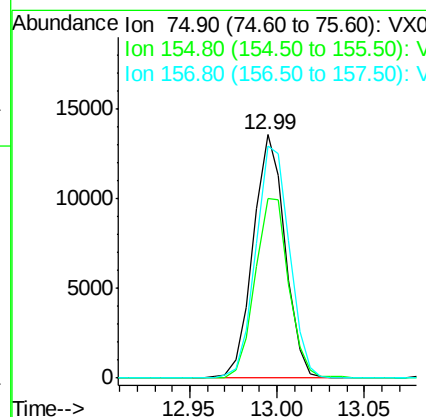
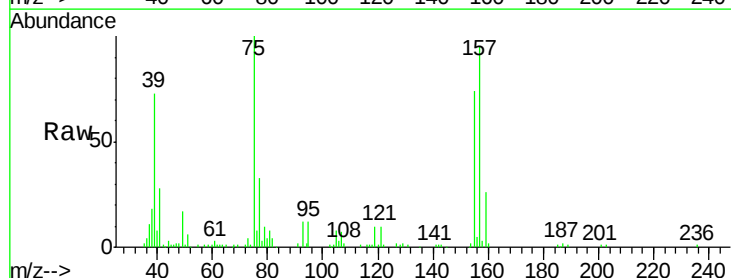
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.145 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.8	38.6	115.8
157	100.6	50.6	151.9





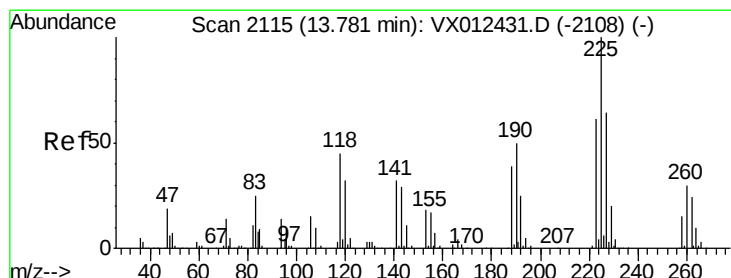
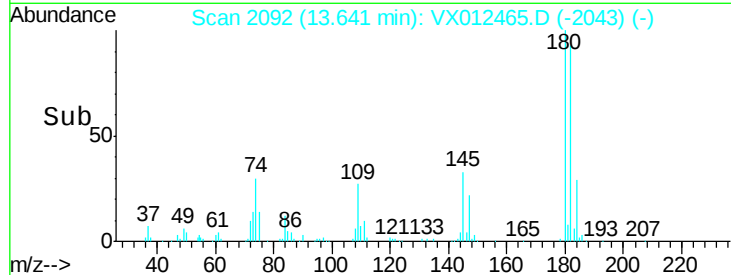
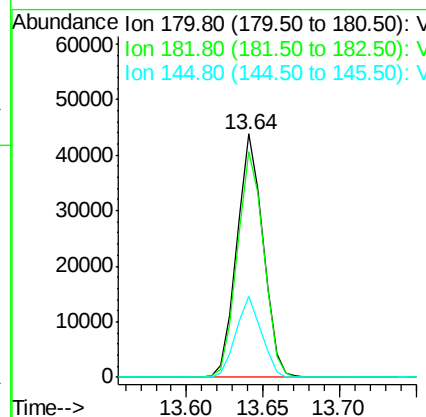
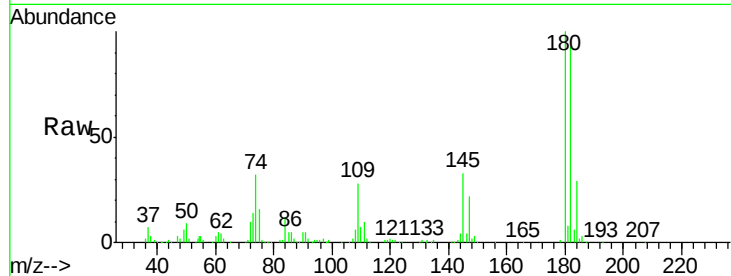
#93
 1,2,4-Trichlorobenzene
 Concen: 19.133 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	52010		
182	93.7	47.0	141.0	
145	32.7	16.8	50.4	

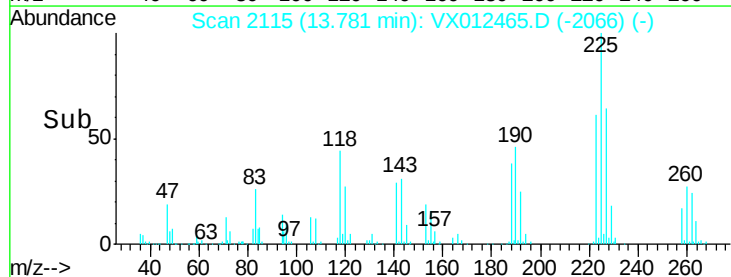
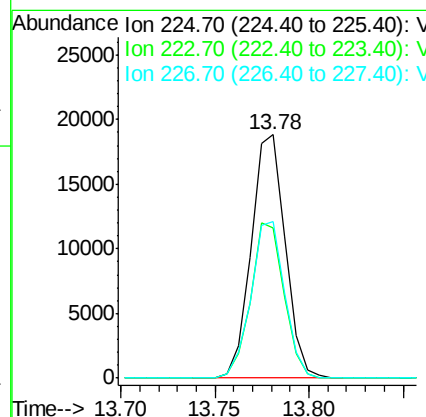
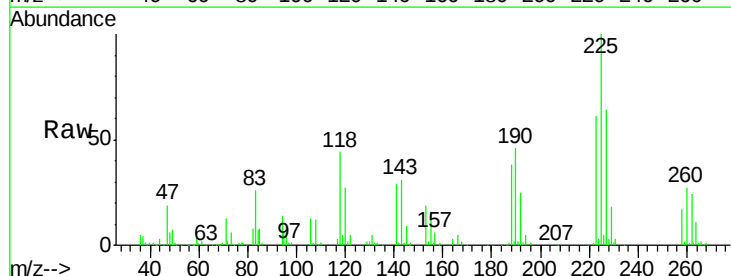
Manual Integrations
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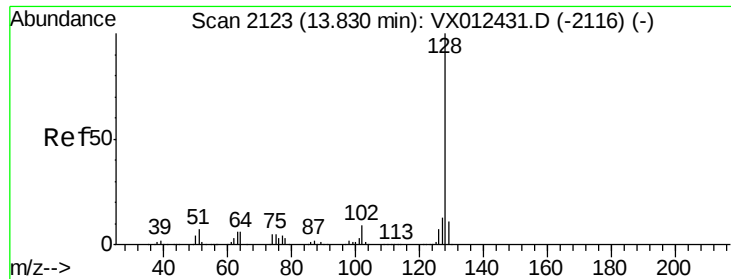
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#94
 Hexachlorobutadiene
 Concen: 18.382 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012465.D
 Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	23551		
223	62.5	32.0	96.2	
227	63.7	31.9	95.5	





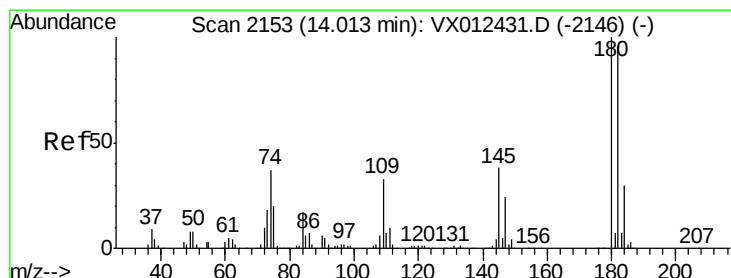
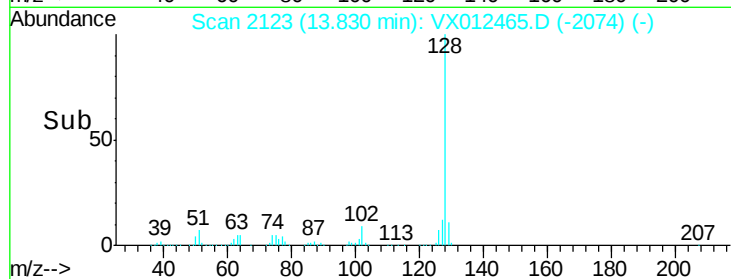
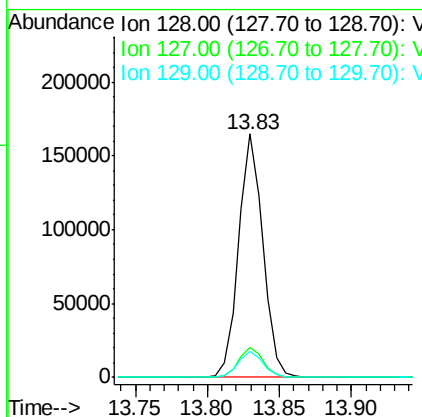
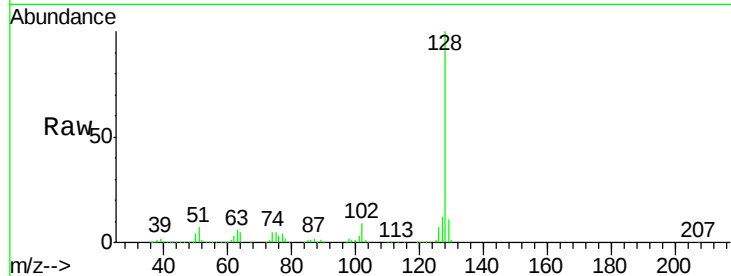
#95
Naphthalene
Concen: 19.962 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	193074		
127	12.5		10.2	15.4
129	11.1		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.844 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012465.D
Acq: 18 Sep 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	54968		
182	94.4		47.1	141.3
145	35.3		18.0	54.0

