

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020520\
 Data File : VX014828.D
 Acq On : 05 Feb 2020 17:27
 Operator : JC/SP
 Sample : VX0205WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Manual Integrations
 APPROVED

MMDadoda
 2/6/2020 1:34:12 PM

Quant Time: Feb 06 04:22:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	397507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	611156	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	543424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	269770	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	231105	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
35) Dibromofluoromethane	5.49	113	191539	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
50) Toluene-d8	8.71	98	719335	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	11.13	95	254739	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	87403	16.738	ug/l	98
3) Chloromethane	1.32	50	90327	16.797	ug/l	99
4) Vinyl Chloride	1.40	62	104830	18.029	ug/l	99
5) Bromomethane	1.64	94	63633	16.112	ug/l	96
6) Chloroethane	1.72	64	58929	16.796	ug/l	94
7) Trichlorofluoromethane	1.92	101	125888	18.594	ug/l	100
8) Diethyl Ether	2.18	74	57163	19.344	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72226	18.173	ug/l	98
10) Methyl Iodide	2.50	142	88493	16.969	ug/l	98
11) Tert butyl alcohol	3.03	59	89211	85.601	ug/l	97
12) 1,1-Dichloroethene	2.37	96	71005	17.969	ug/l	93
13) Acrolein	2.28	56	67803	82.513	ug/l	99
14) Allyl chloride	2.72	41	127585	17.963	ug/l	98
15) Acrylonitrile	3.13	53	218429	90.585	ug/l	100
16) Acetone	2.43	43	211707	83.315	ug/l	100
17) Carbon Disulfide	2.56	76	165264	15.302	ug/l	99
18) Methyl Acetate	2.76	43	134753	18.556	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	247763	19.143	ug/l	98
20) Methylene Chloride	2.85	84	86395	18.352	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	76333	17.544	ug/l	98
22) Diisopropyl ether	3.84	45	267201	18.909	ug/l	96
23) Vinyl Acetate	3.80	43	1012839	94.024	ug/l	100
24) 1,1-Dichloroethane	3.69	63	141936	18.495	ug/l	99
25) 2-Butanone	4.66	43	309066	84.791	ug/l	100
26) 2,2-Dichloropropane	4.57	77	113870	18.538	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	89511	18.382	ug/l	99
28) Bromochloromethane	5.01	49	64066	18.998	ug/l	99
29) Tetrahydrofuran	5.12	42	194635	89.967	ug/l	99
30) Chloroform	5.20	83	143695	18.902	ug/l	97
31) Cyclohexane	5.57	56	124611	17.264	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	118823	18.491	ug/l	100
36) 1,1-Dichloropropene	5.79	75	100636	17.721	ug/l	96
37) Ethyl Acetate	4.82	43	114644	17.626	ug/l	99
38) Carbon Tetrachloride	5.78	117	102818	18.958	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	122677	17.244	ug/l	94
40) Benzene	6.14	78	321108	18.300	ug/l	98
41) Methacrylonitrile	5.03	41	66193	17.674	ug/l	97
42) 1,2-Dichloroethane	6.18	62	118893	19.622	ug/l	99
43) Isopropyl Acetate	6.43	43	197875	18.578	ug/l	99
44) Trichloroethene	7.21	130	87605	17.676	ug/l	97
45) 1,2-Dichloropropane	7.51	63	83420	18.454	ug/l	99
46) Dibromomethane	7.65	93	56198	19.196	ug/l	98
47) Bromodichloromethane	7.89	83	107430	18.709	ug/l	98
48) Methyl methacrylate	7.76	41	93842	18.440	ug/l	98
49) 1,4-Dioxane	7.73	88	36658	339.823	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	612706	91.145	ug/l	100
52) Toluene	8.78	92	202151	18.742	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	116458	18.836	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	127664	18.769	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	86504	19.589	ug/l	97
56) Ethyl methacrylate	9.17	69	127998	18.271	ug/l	99
57) 1,3-Dichloropropane	9.37	76	140305	18.586	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	210530	94.797	ug/l	100
59) 2-Hexanone	9.48	43	461376	88.447	ug/l	99
60) Dibromochloromethane	9.57	129	88244	19.144	ug/l	97
61) 1,2-Dibromoethane	9.67	107	87495	18.739	ug/l	100
64) Tetrachloroethene	9.33	164	95732	17.797	ug/l	95
65) Chlorobenzene	10.14	112	217911	18.747	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	83579	19.502	ug/l	99
67) Ethyl Benzene	10.25	91	382885	19.292	ug/l	99
68) m/p-Xylenes	10.35	106	290461	38.630	ug/l	100
69) o-Xylene	10.70	106	140898	19.411	ug/l	99
70) Styrene	10.71	104	241040	19.796	ug/l	100
71) Bromoform	10.85	173	64334	18.877	ug/l #	99
73) Isopropylbenzene	11.01	105	377802	19.917	ug/l	100
74) N-amyl acetate	10.89	43	162005	19.490	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	125719	18.563	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	105834m	16.862	ug/l	
77) Bromobenzene	11.25	156	99826	19.590	ug/l	96
78) n-propylbenzene	11.35	91	418965	19.459	ug/l	98
79) 2-Chlorotoluene	11.42	91	253973	19.495	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	314908	20.003	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37636	17.065	ug/l	92
82) 4-Chlorotoluene	11.51	91	291440	19.650	ug/l	100
83) tert-Butylbenzene	11.76	119	306032	20.687	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	315515	19.981	ug/l	97
85) sec-Butylbenzene	11.94	105	359581	19.841	ug/l	100
86) p-Isopropyltoluene	12.06	119	326329	19.484	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	175703	19.186	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	178266	19.432	ug/l	99
89) n-Butylbenzene	12.38	91	274105	18.791	ug/l	99
90) Hexachloroethane	12.59	117	57428	18.460	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	177474	19.512	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	25651	17.628	ug/l	93

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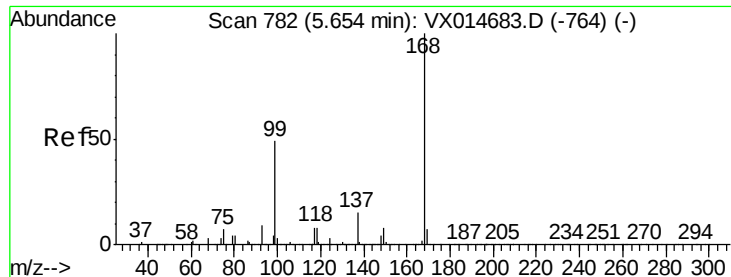
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	118855	20.268	ug/l	96
94) Hexachlorobutadiene	13.77	225	57566	19.073	ug/l	98
95) Naphthalene	13.83	128	349534	19.071	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	120754	20.365	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014828.D

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Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS02

Tot Ion:168 Resp: 397507

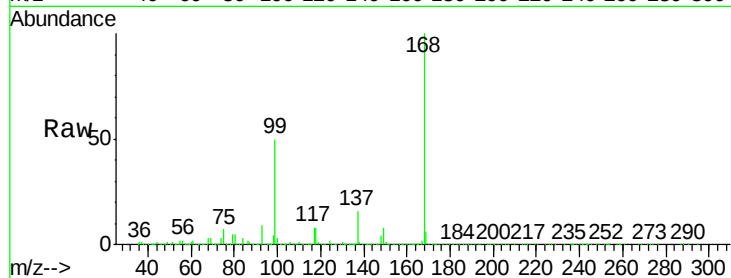
Ion Ratio Lower Upper

168 100

99 49.5 39.8 59.6

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

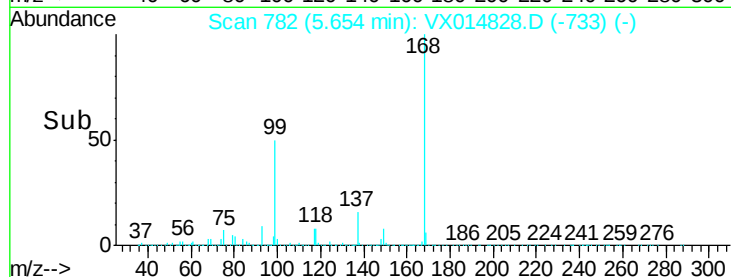
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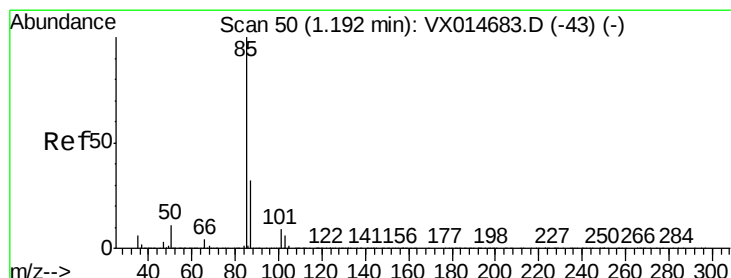
50000

0

5.50 5.60 5.70 5.80



Time-->



#2

Dichlorodifluoromethane

Concen: 16.738 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014828.D

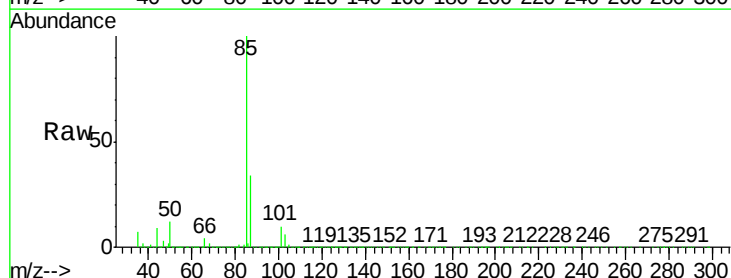
Acq: 05 Feb 2020 17:27

Tgt Ion: 85 Resp: 87403

Ion Ratio Lower Upper

85 100

87 33.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

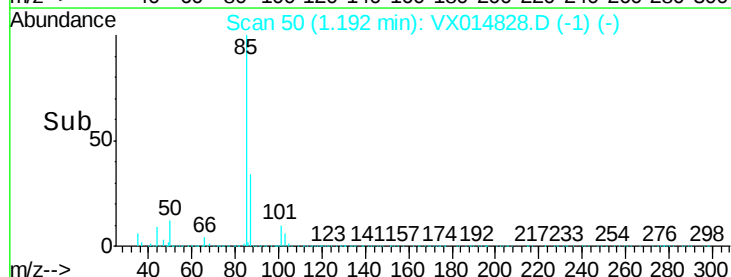
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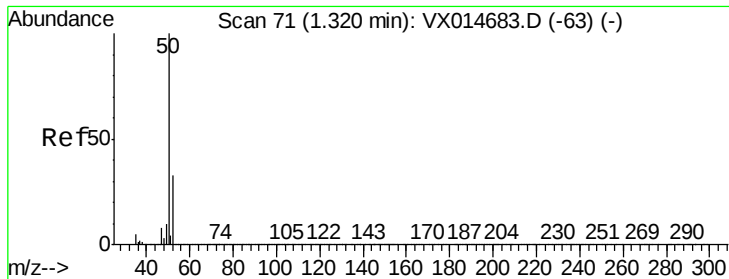
20000

0

1.15 1.20 1.25



Time-->



#3

Chloromethane

Concen: 16.797 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS02

Tot Ion: 50 Resp: 90327

Ion Ratio Lower Upper

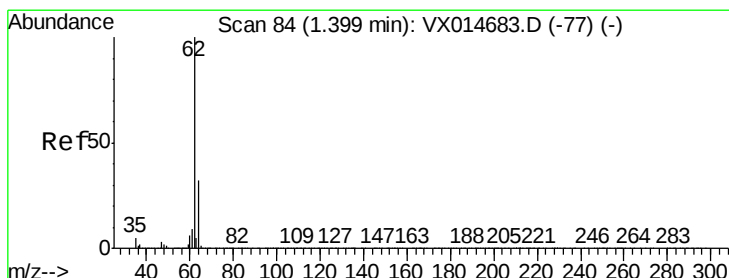
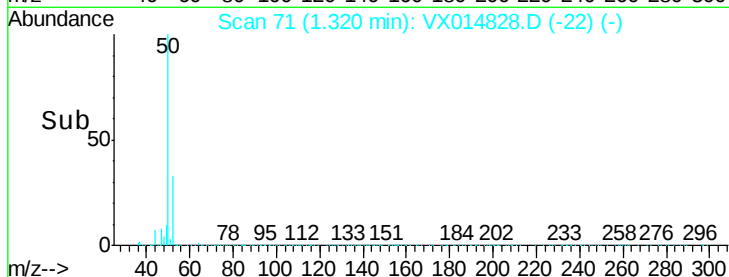
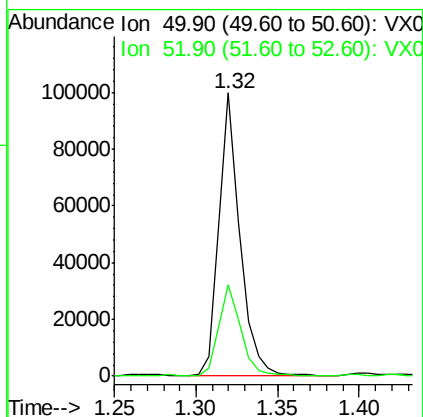
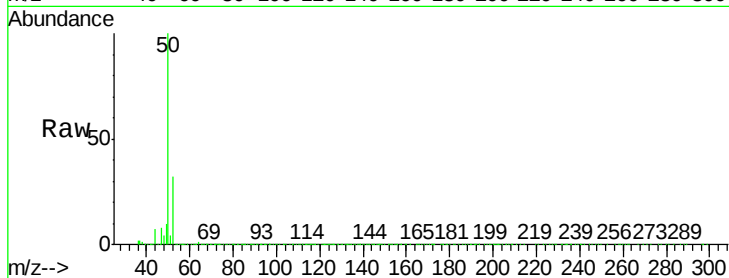
50 100

52 32.3 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.029 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014828.D

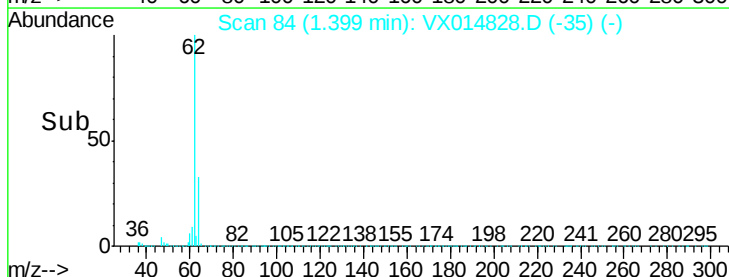
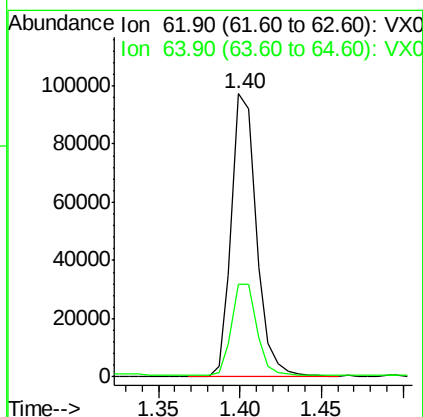
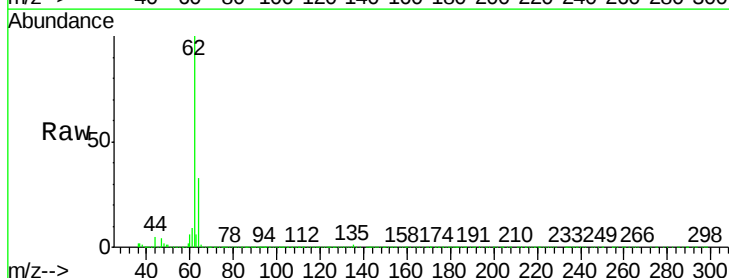
Acq: 05 Feb 2020 17:27

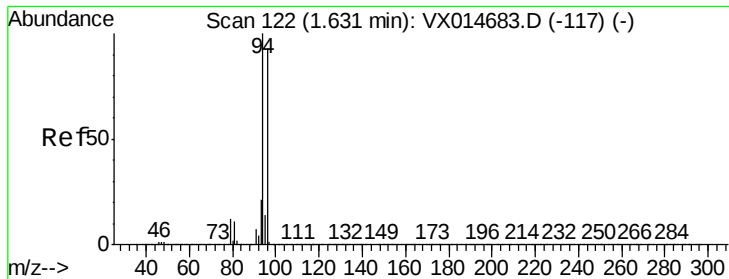
Tgt Ion: 62 Resp: 104830

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 16.112 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

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ClientSampleId :

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Tot Ion: 94 Resp: 63633

Ion Ratio Lower Upper

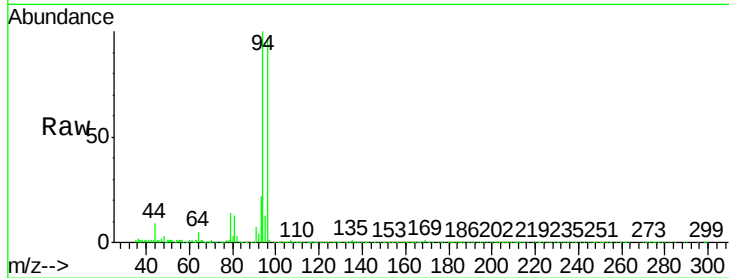
94 100

96 97.1 74.7 112.1

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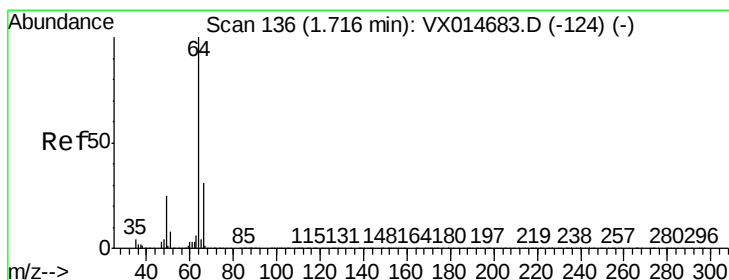
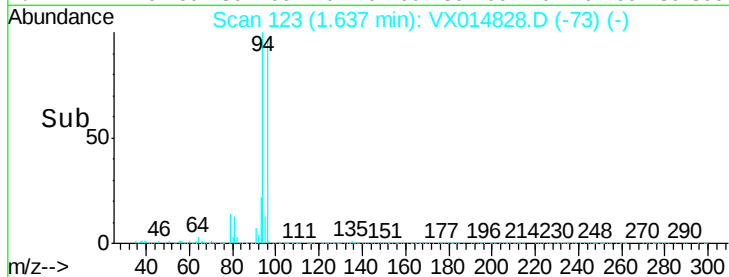
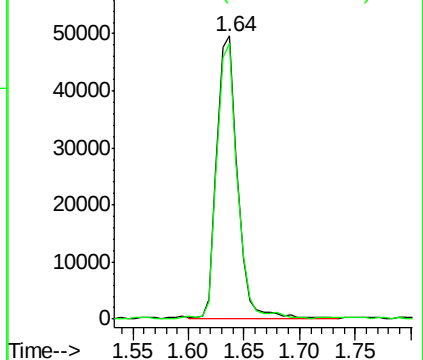
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 16.796 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014828.D

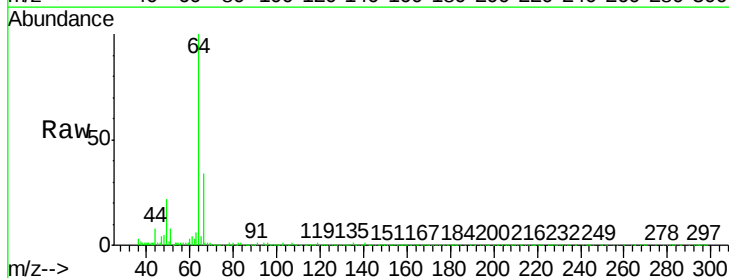
Acq: 05 Feb 2020 17:27

Tgt Ion: 64 Resp: 58929

Ion Ratio Lower Upper

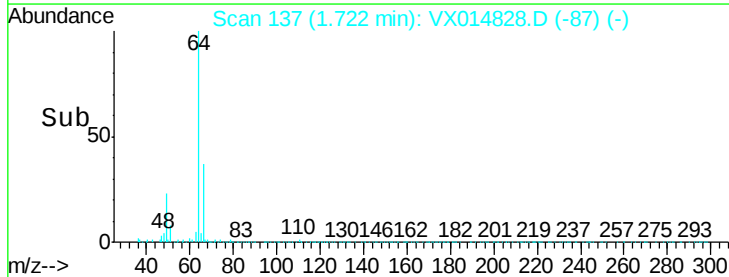
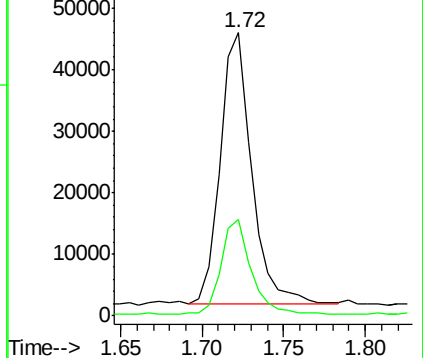
64 100

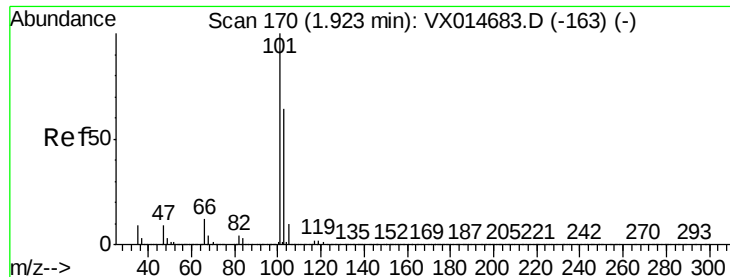
66 34.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

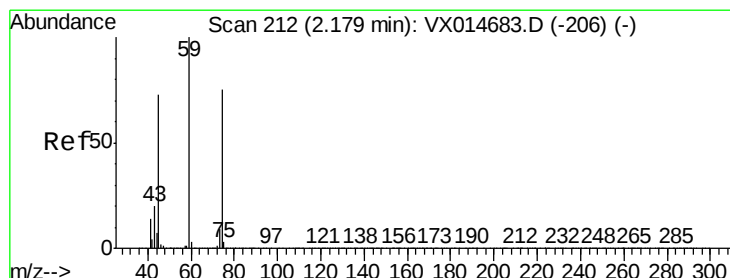
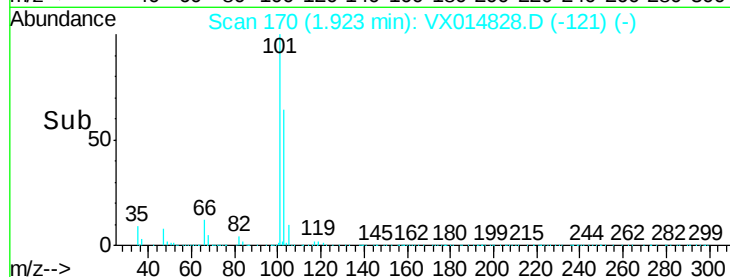
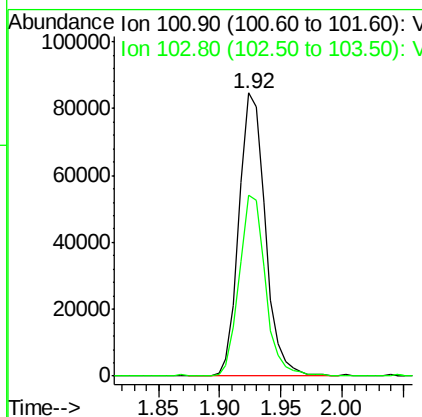
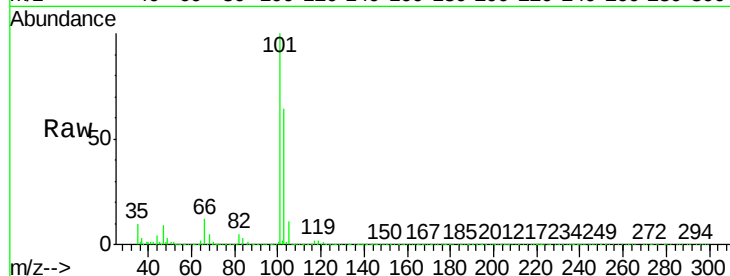
Trichlorofluoromethane
Concen: 18.594 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX014828.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	125888		
103	63.6	51.0	76.6	

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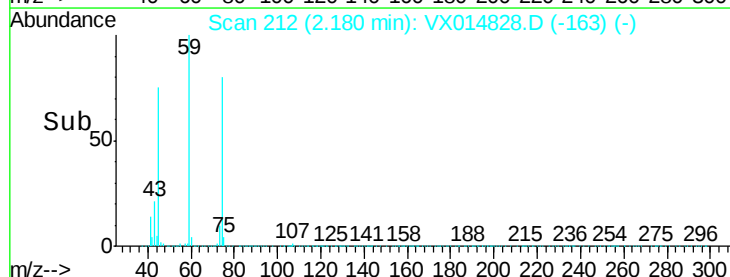
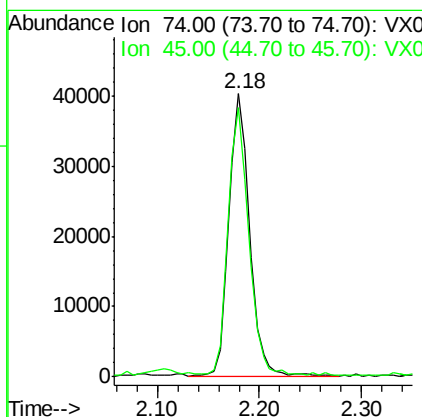
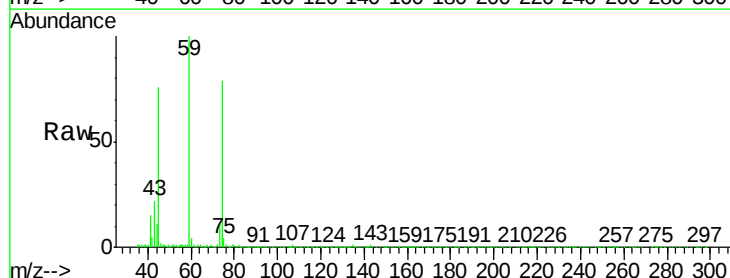
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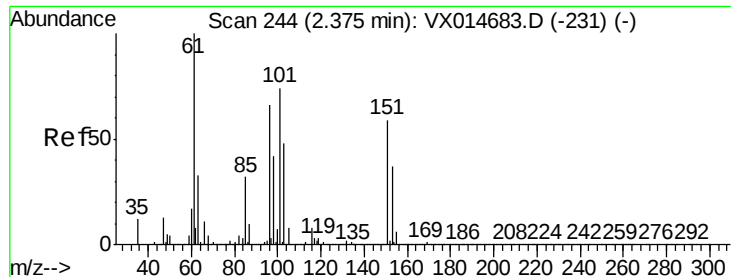


#8

Diethyl Ether
Concen: 19.344 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	57163		
45	92.0	49.4	148.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.173 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014828.D

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Instrument :

MSVOA_X

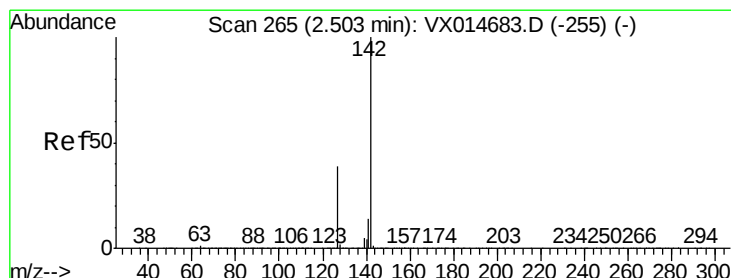
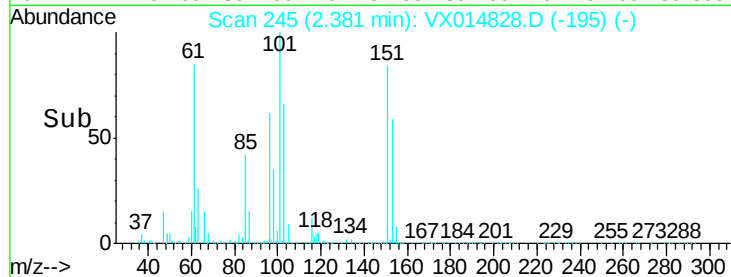
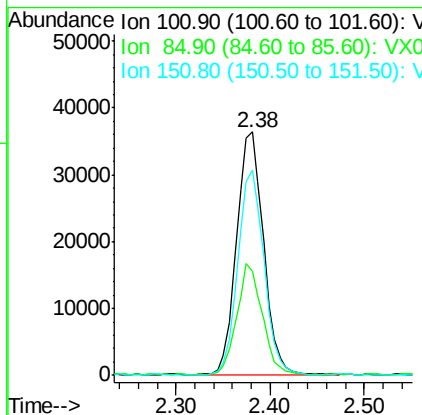
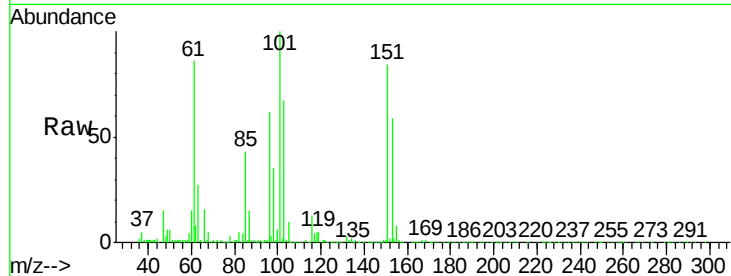
ClientSampleId :

VX0205WBS02

Tot Ion:	101	Resp:	72226
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.7	52.1
151	82.7	64.7	97.1

Manual Integrations
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2/6/2020 1:34:12 PM



#10

Methyl Iodide

Concen: 16.969 ug/l

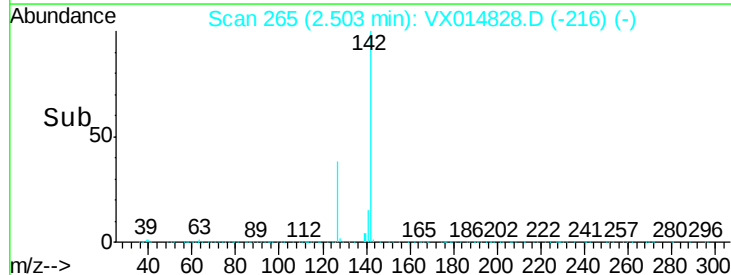
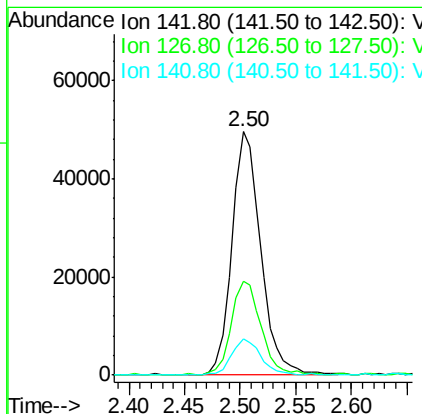
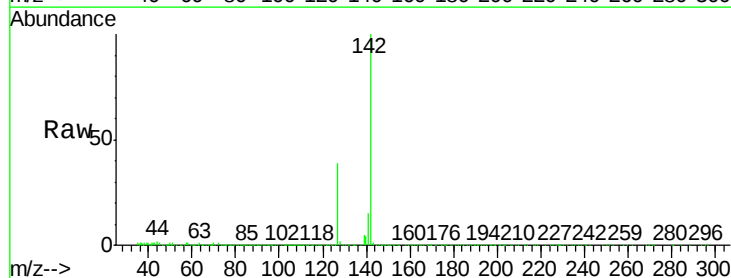
RT: 2.50 min Scan# 265

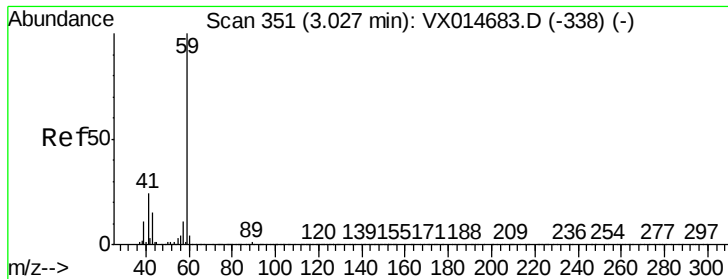
Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Tgt Ion:	142	Resp:	88493
Ion Ratio	Lower	Upper	
142	100		
127	40.1	31.1	46.7
141	15.3	11.3	16.9





#11

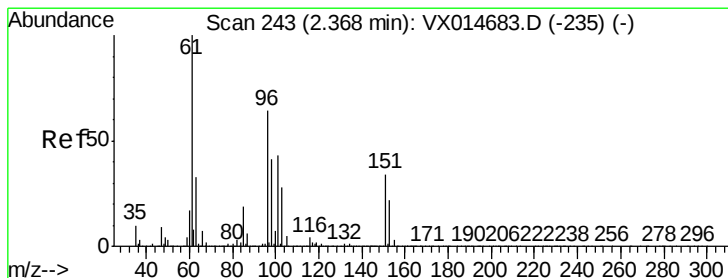
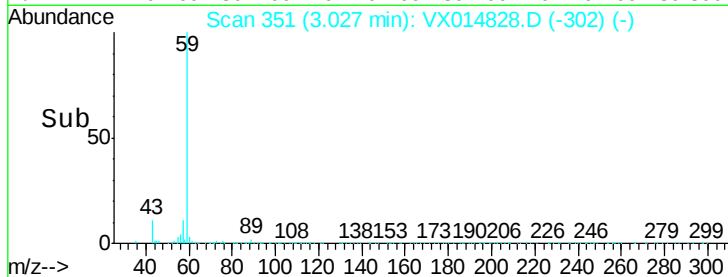
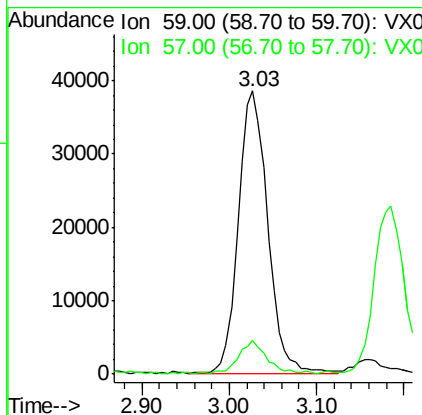
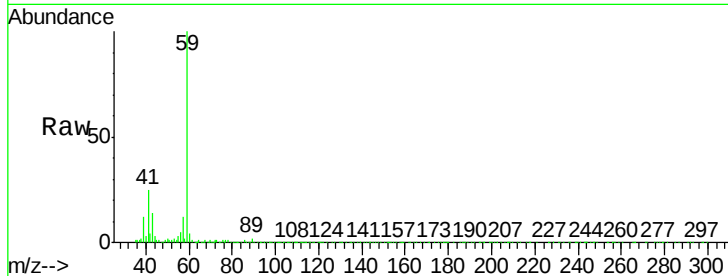
Tert butyl alcohol
Concen: 85.601 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.5	8.3	12.5

Manual Integrations
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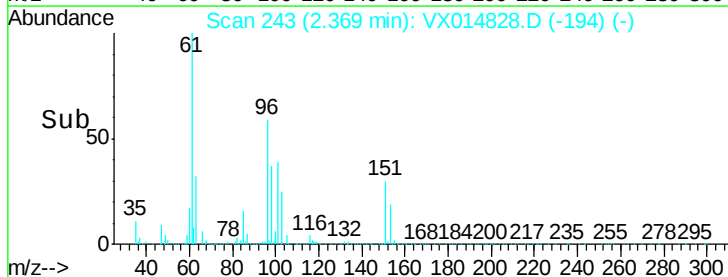
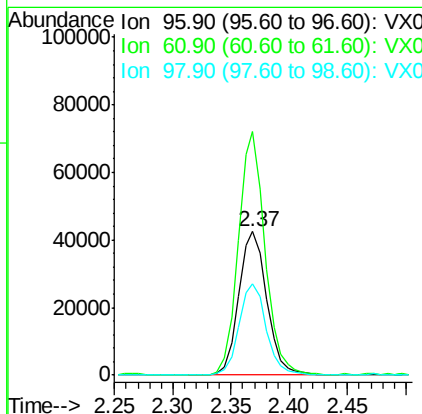
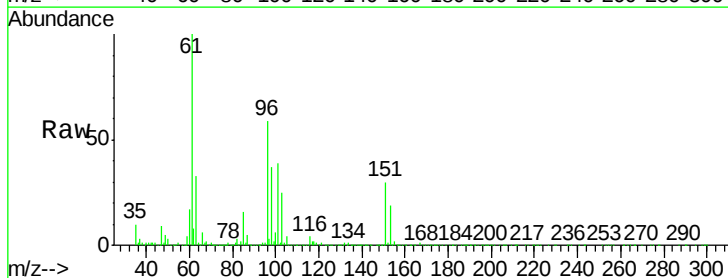
MMDadoda
2/6/2020 1:34:12 PM

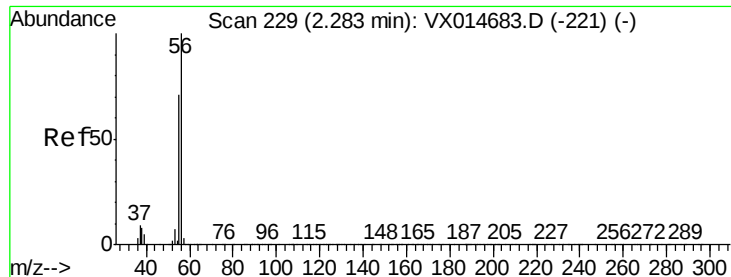


#12

1,1-Dichloroethene
Concen: 17.969 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.5	125.8	188.8
98	63.3	51.5	77.3





#13

Acrolein

Concen: 82.513 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS02

Tot Ion: 56 Resp: 67803

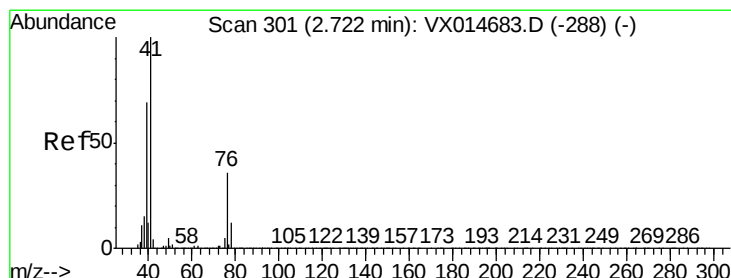
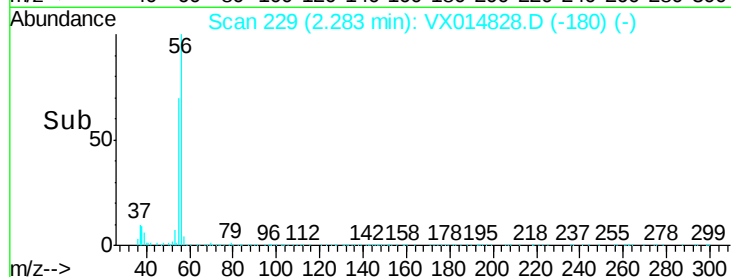
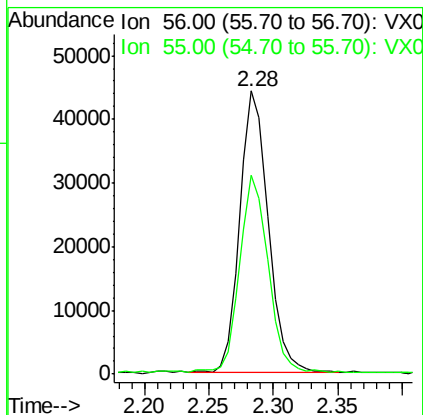
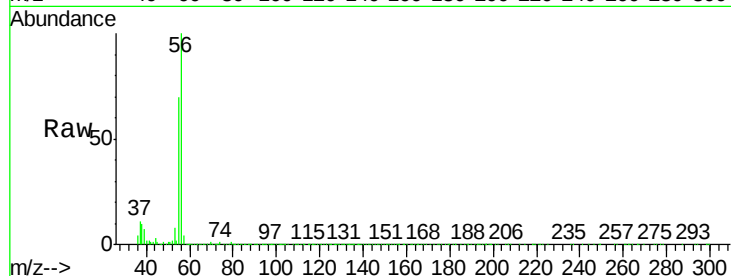
Ion Ratio Lower Upper

56 100

55 69.7 56.6 84.8

Manual Integrations
APPROVED

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2/6/2020 1:34:12 PM



#14

Allyl chloride

Concen: 17.963 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

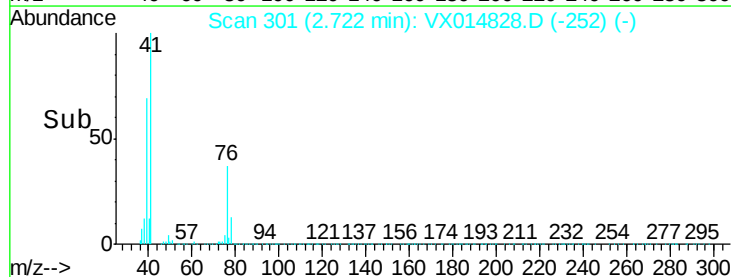
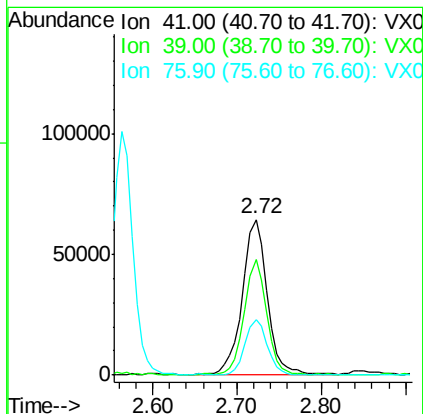
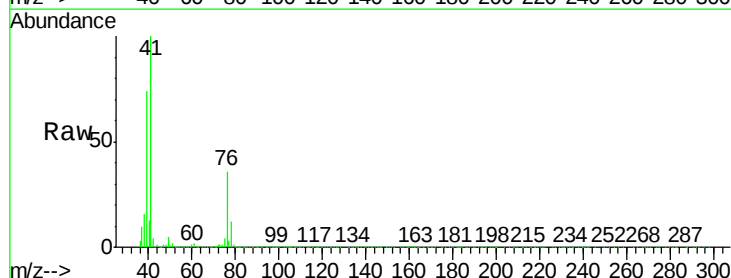
Tgt Ion: 41 Resp: 127585

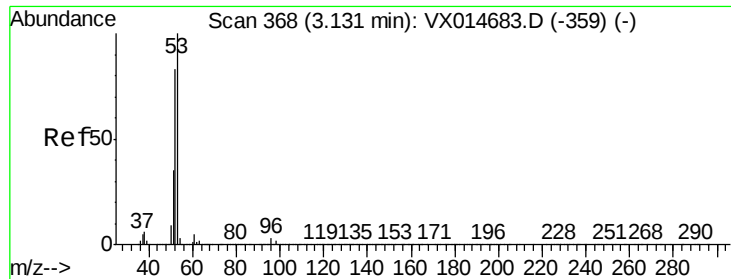
Ion Ratio Lower Upper

41 100

39 66.3 52.0 78.0

76 31.3 26.0 39.0





#15

Acrylonitrile

Concen: 90.585 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

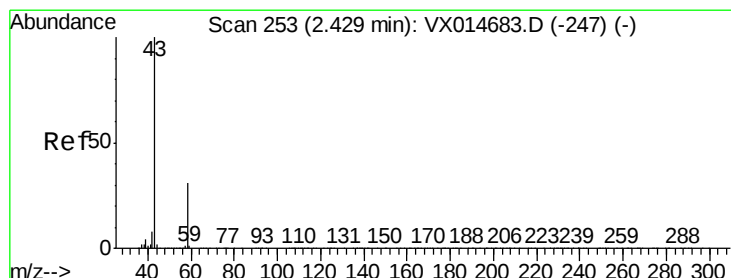
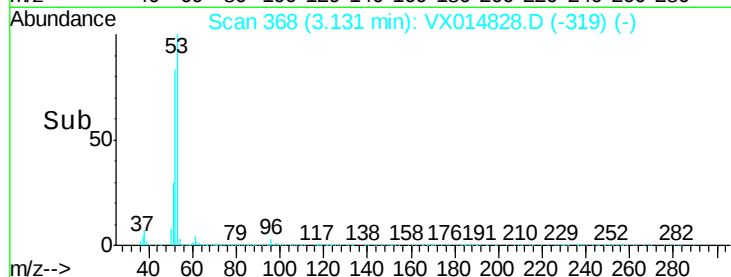
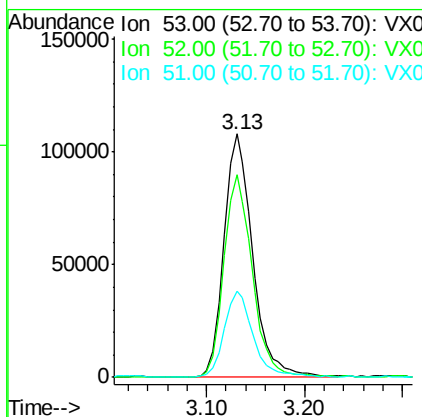
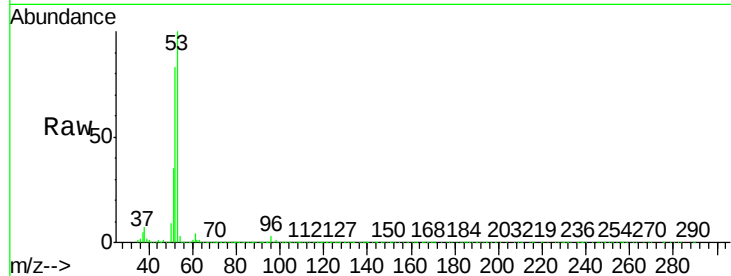
ClientSampleId :

VX0205WBS02

Tot Ion:	53	Resp:	218429
Ion	Ratio	Lower	Upper
53	100		
52	83.2	66.4	99.6
51	35.3	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 83.315 ug/l

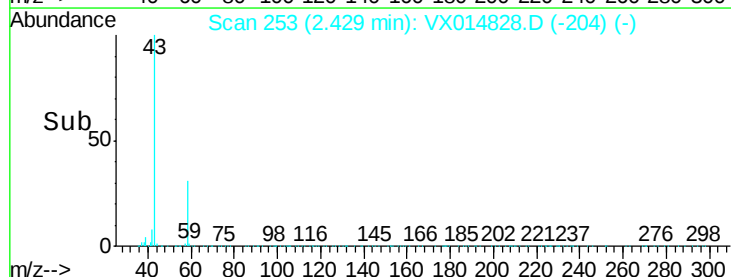
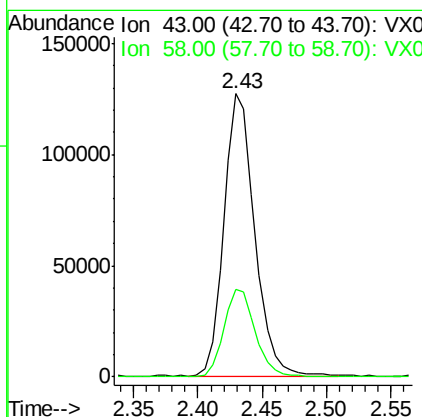
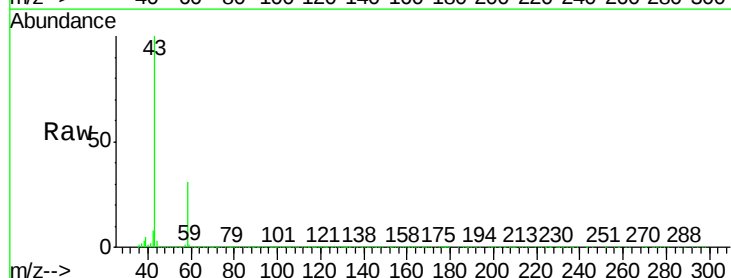
RT: 2.43 min Scan# 253

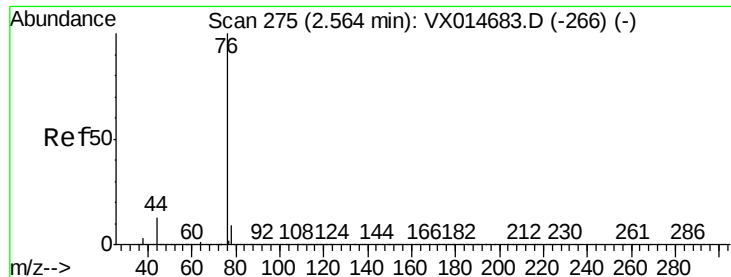
Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Tgt Ion:	43	Resp:	211707
Ion	Ratio	Lower	Upper
43	100		
58	30.8	24.5	36.7





#17

Carbon Disulfide

Concen: 15.302 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS02

Tot Ion: 76 Resp: 165264

Ion Ratio Lower Upper

76 100

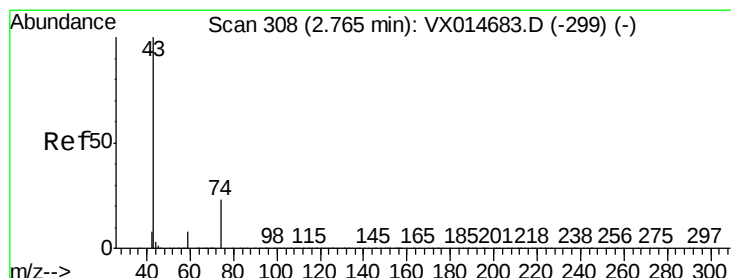
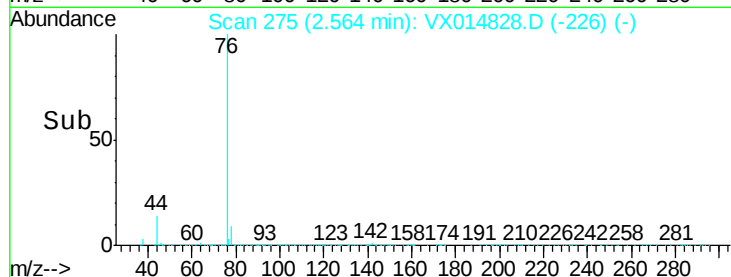
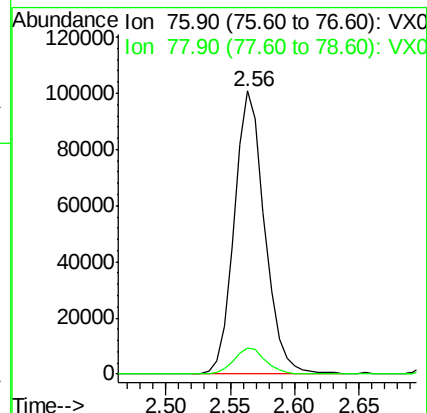
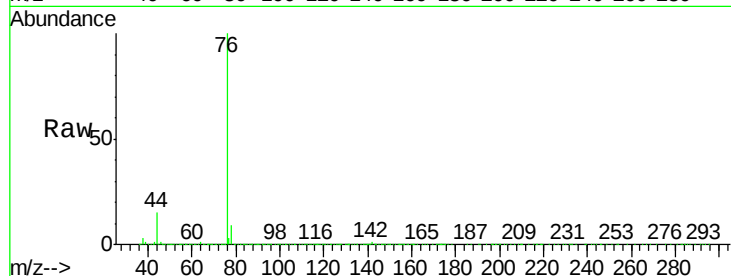
78 9.2

7.2 10.8

Manual Integrations
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#18

Methyl Acetate

Concen: 18.556 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

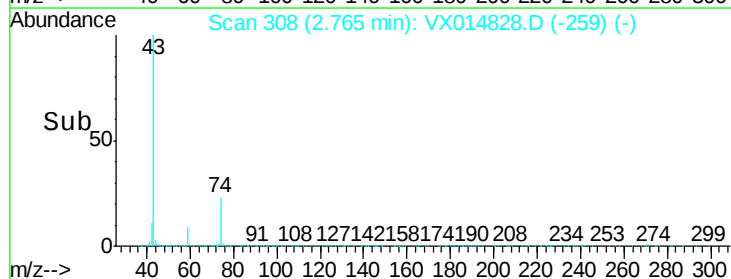
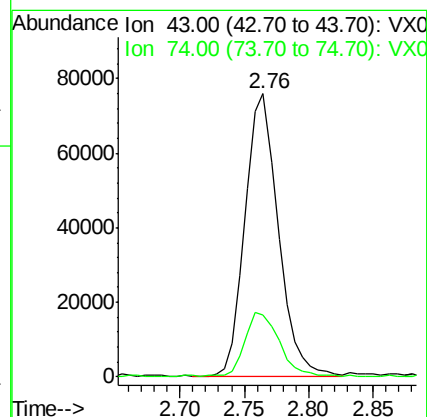
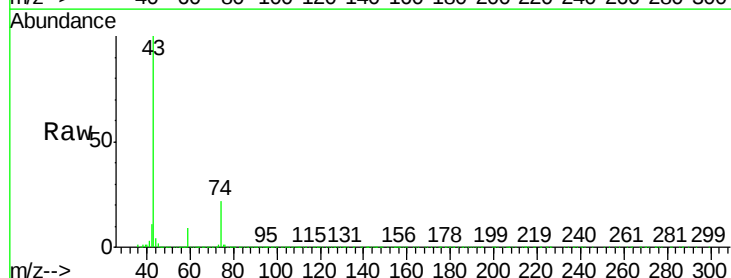
Tgt Ion: 43 Resp: 134753

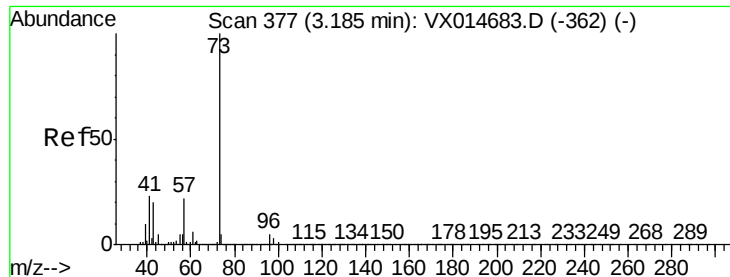
Ion Ratio Lower Upper

43 100

74 23.9

18.5 27.7





#19

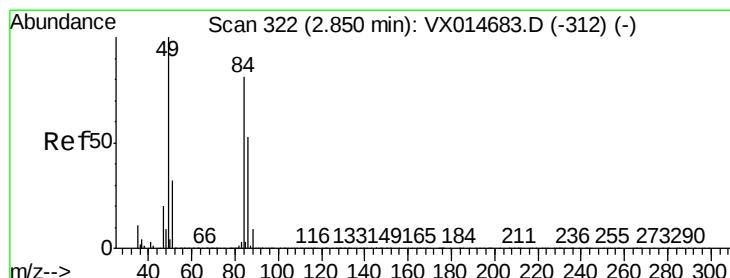
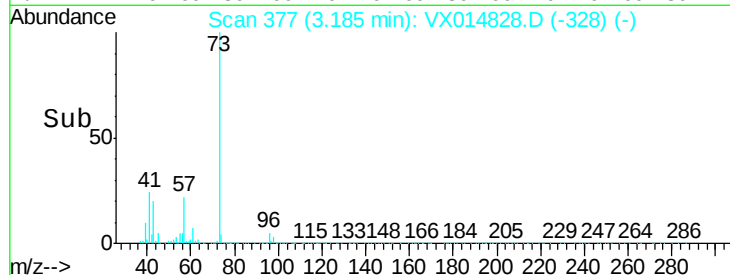
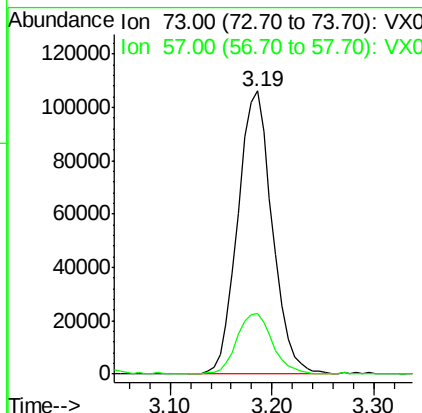
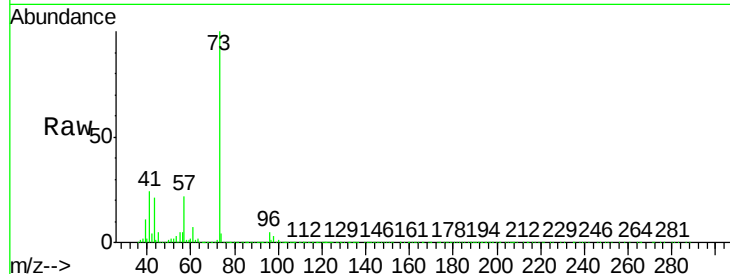
Methyl tert-butyl Ether
 Concen: 19.143 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	18.0	27.0

Manual Integrations
 APPROVED

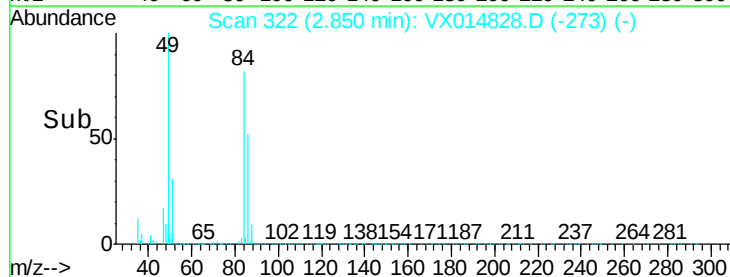
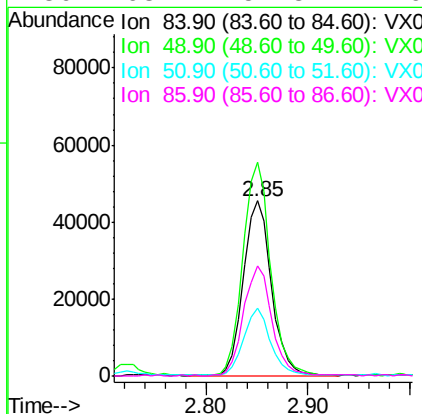
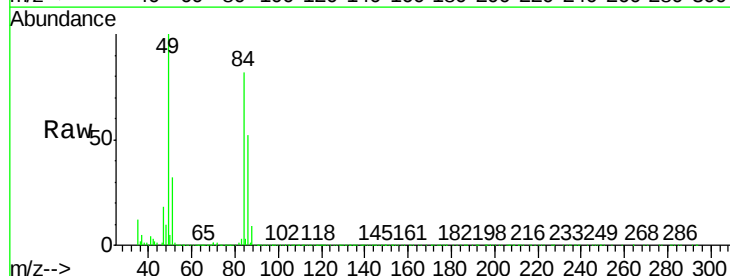
MMDadoda
 2/6/2020 1:34:12 PM

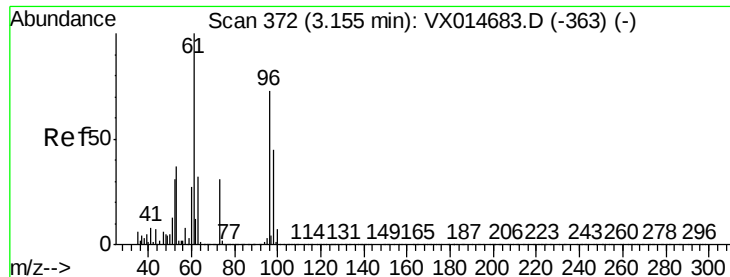


#20

Methylene Chloride
 Concen: 18.352 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.0	98.2	147.4
51	38.2	31.3	46.9
86	63.4	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 17.544 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

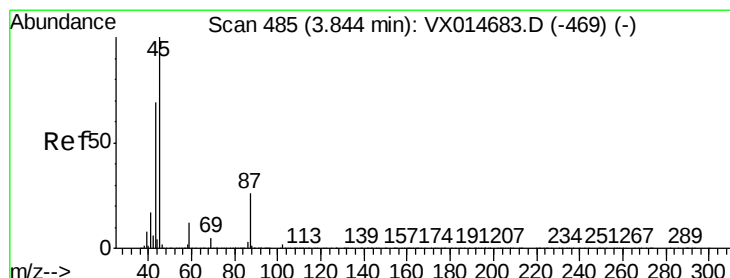
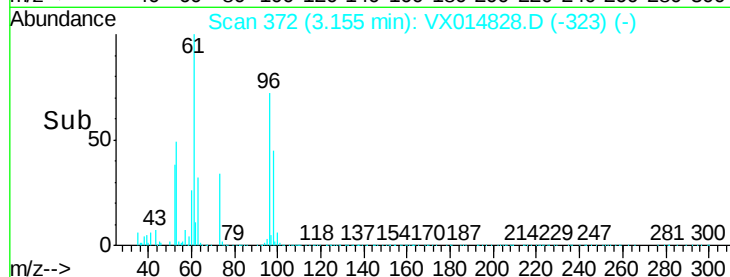
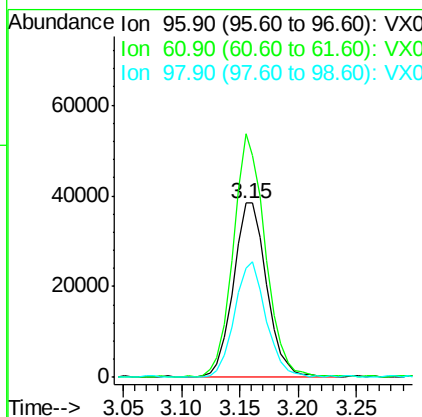
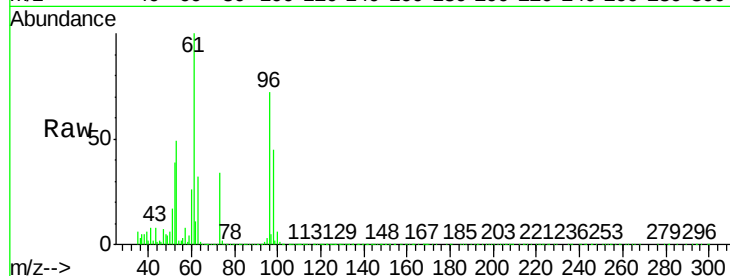
ClientSampleId :

VX0205WBS02

Tot Ion:	96	Resp:	76333
Ion	Ratio	Lower	Upper
96	100		
61	139.5	109.8	164.6
98	63.1	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.909 ug/l

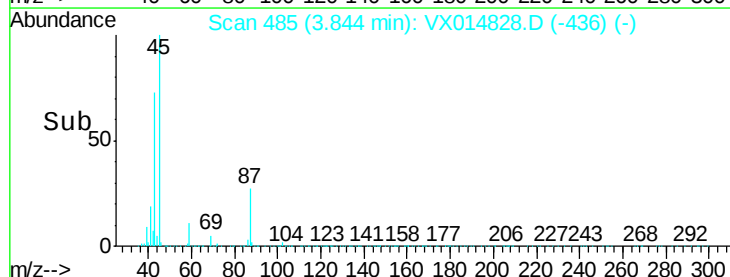
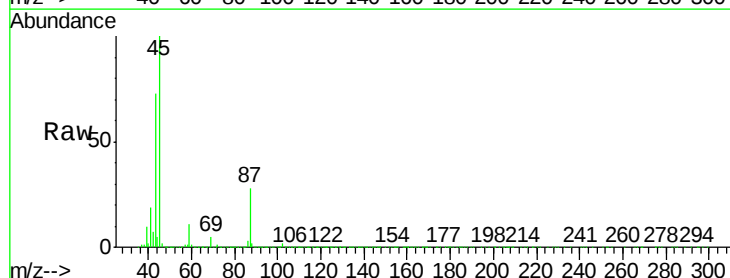
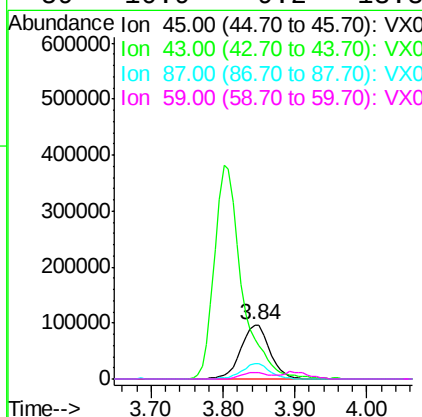
RT: 3.84 min Scan# 485

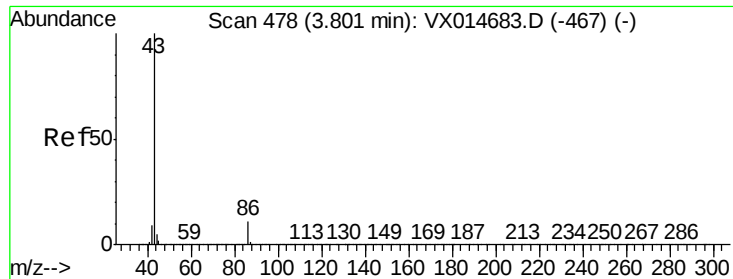
Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Tgt Ion:	45	Resp:	267201
Ion	Ratio	Lower	Upper
45	100		
43	73.1	55.1	82.7
87	27.4	20.7	31.1
59	10.9	9.2	13.8





#23

Vinyl Acetate

Concen: 94.024 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS02

Tot Ion: 43 Resp: 1012839

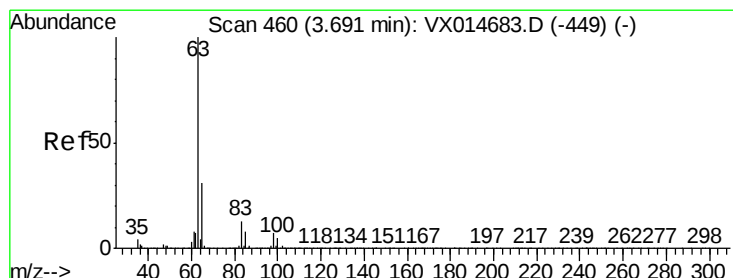
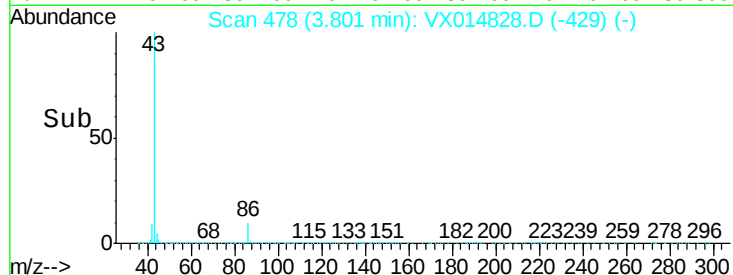
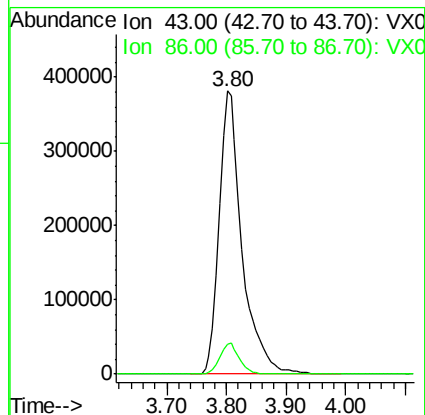
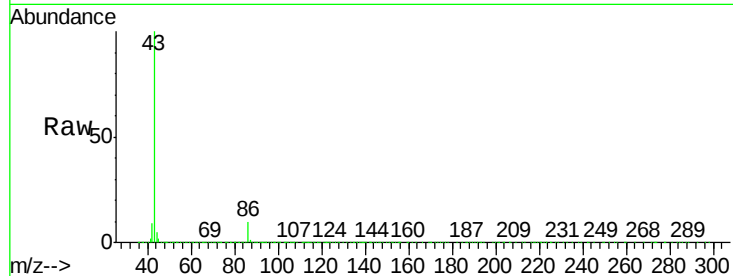
Ion Ratio Lower Upper

43 100

86 10.4 8.4 12.6

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 18.495 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

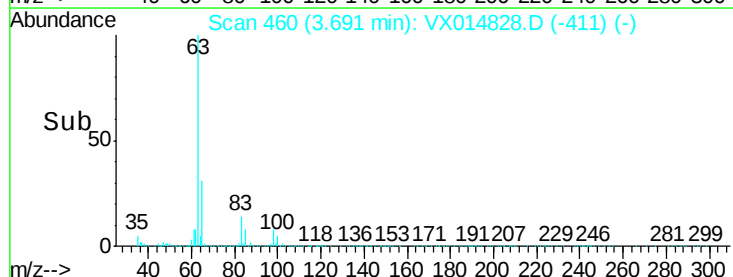
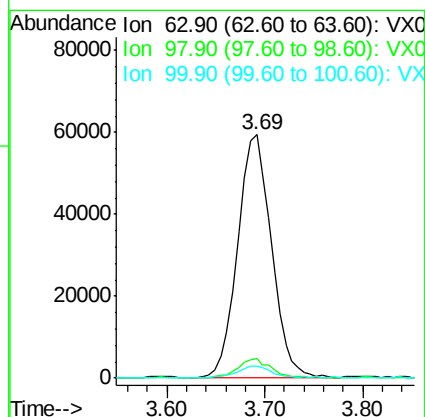
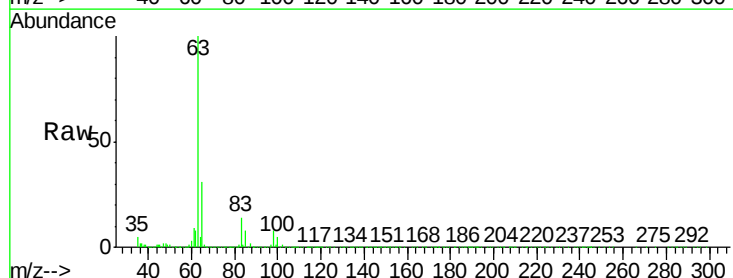
Tgt Ion: 63 Resp: 141936

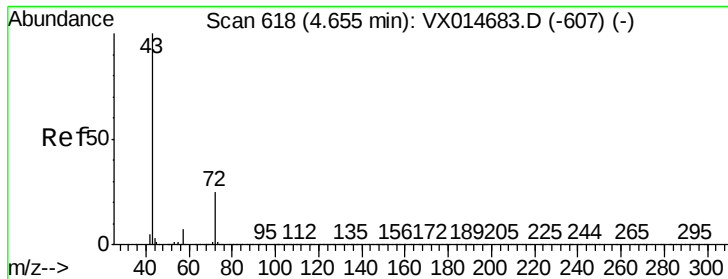
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.8

100 4.8 2.2 6.6





#25

2-Butanone

Concen: 84.791 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS02

Tot Ion: 43 Resp: 309066

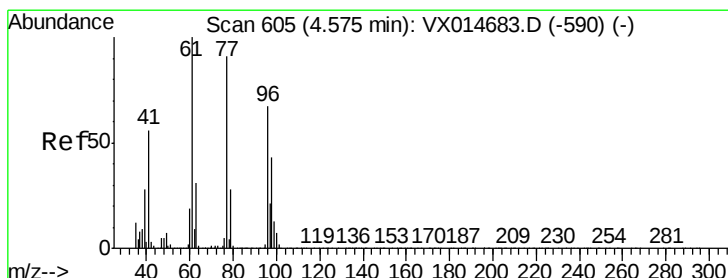
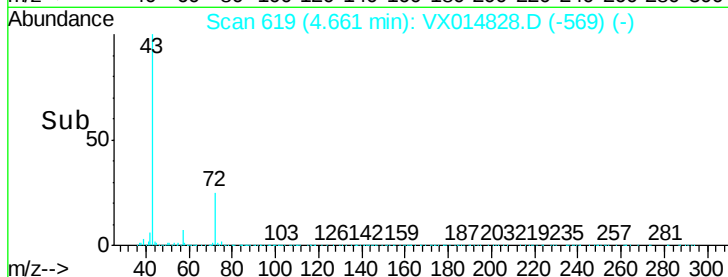
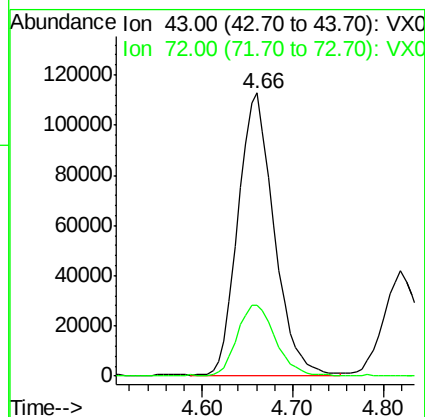
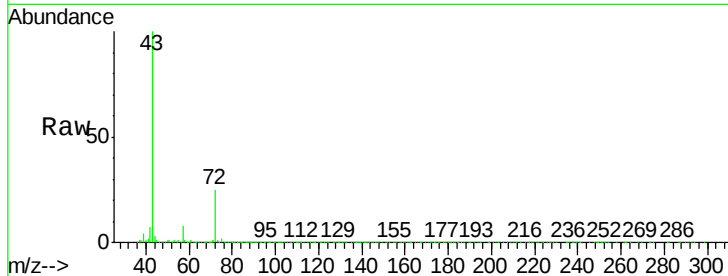
Ion Ratio Lower Upper

43 100

72 25.0 19.9 29.9

Manual Integrations
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2/6/2020 1:34:12 PM



#26

2,2-Dichloropropane

Concen: 18.538 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014828.D

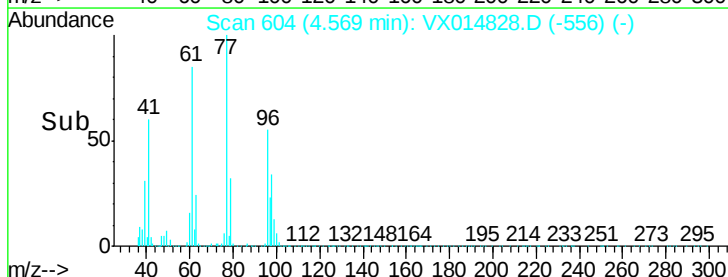
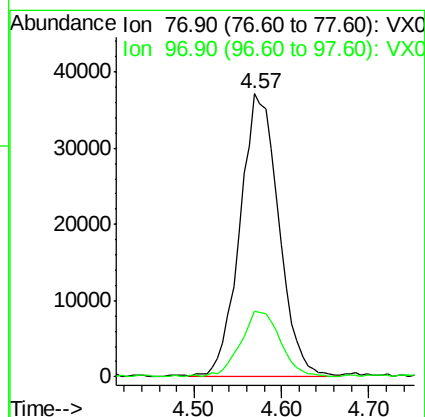
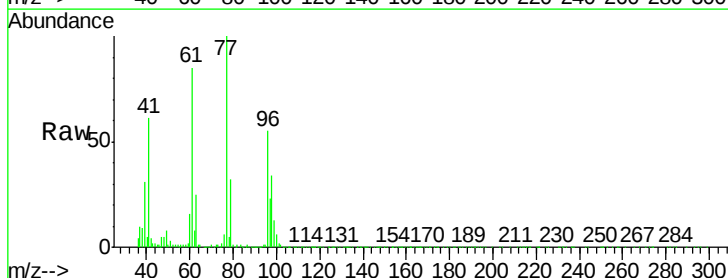
Acq: 05 Feb 2020 17:27

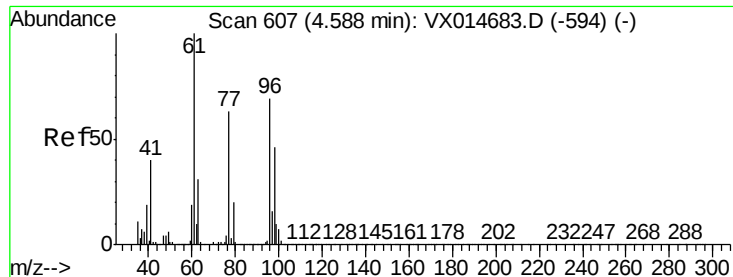
Tgt Ion: 77 Resp: 113870

Ion Ratio Lower Upper

77 100

97 24.5 11.8 35.3





#27

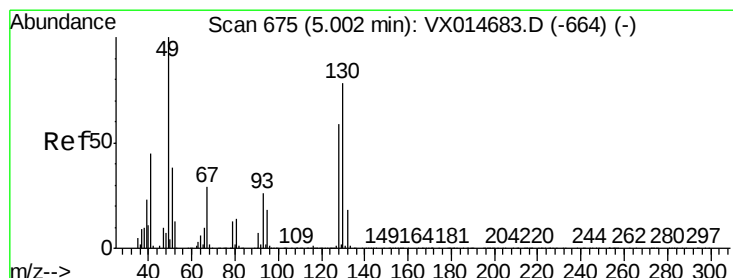
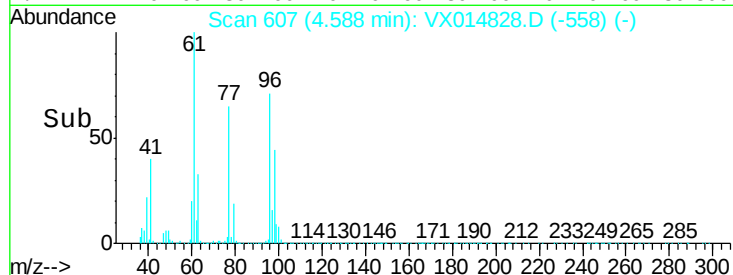
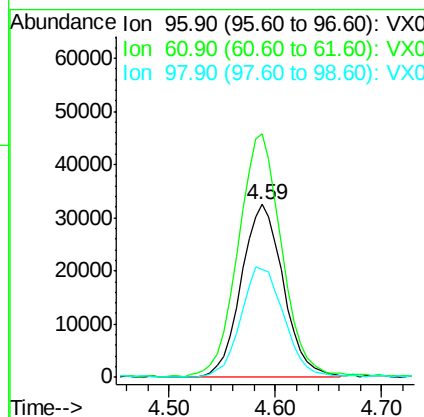
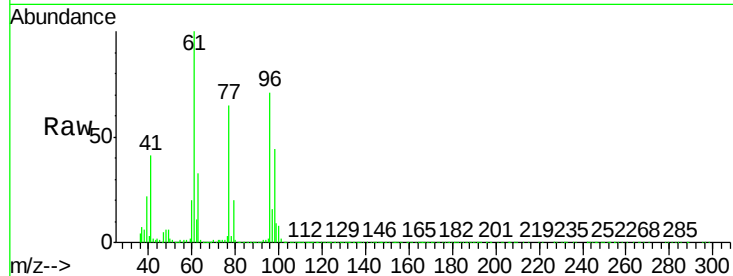
cis-1,2-Dichloroethene
Concen: 18.382 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.1	0.0	291.0
98	66.4	0.0	129.8

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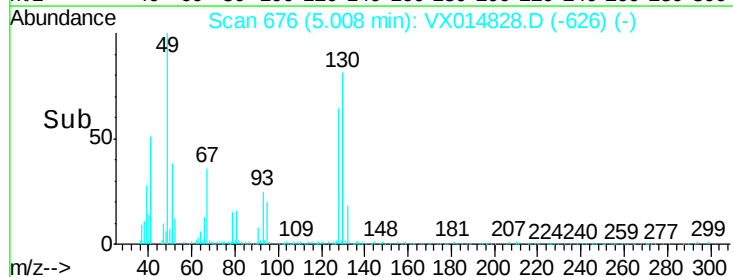
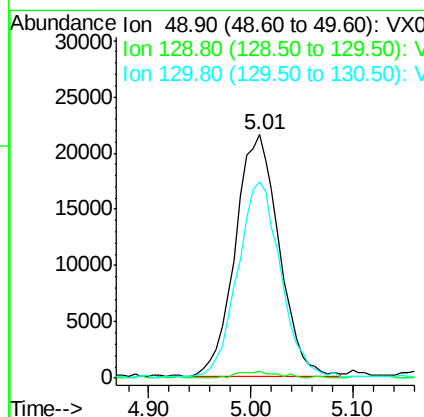
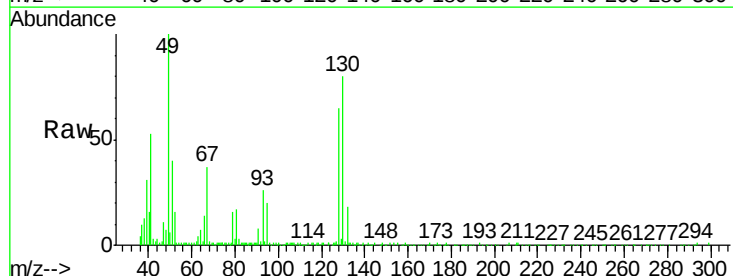
MMDadoda
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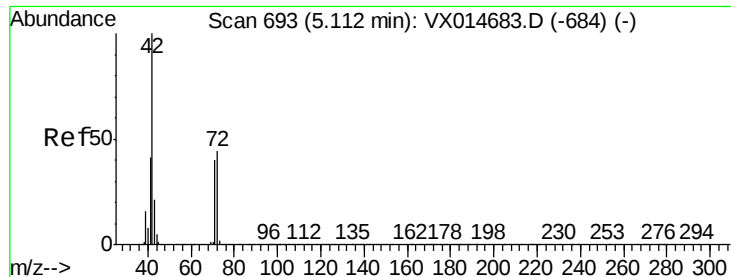


#28

Bromochloromethane
Concen: 18.998 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.8
130	79.2	62.4	93.6





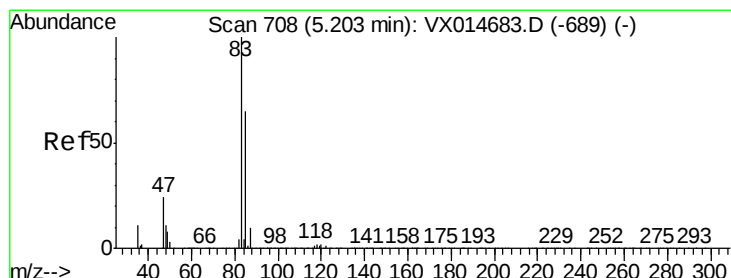
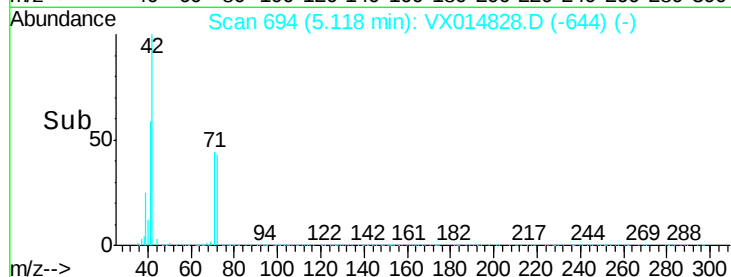
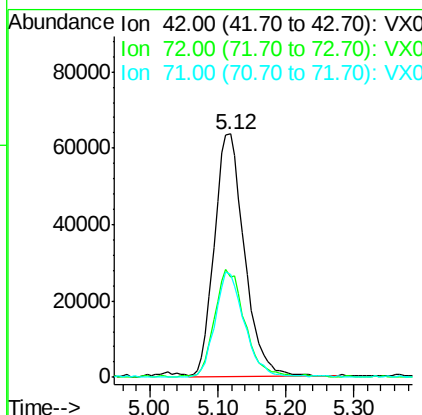
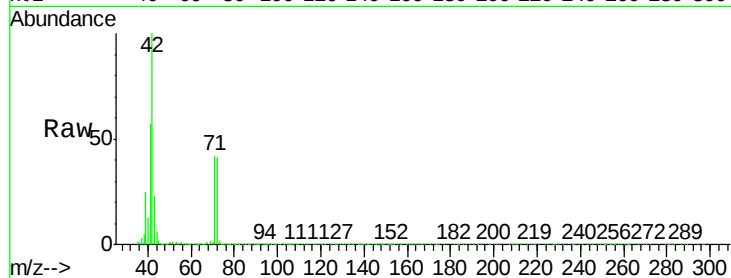
#29
Tetrahydrofuran
Concen: 89.967 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	35.3	52.9
71	42.3	33.1	49.7

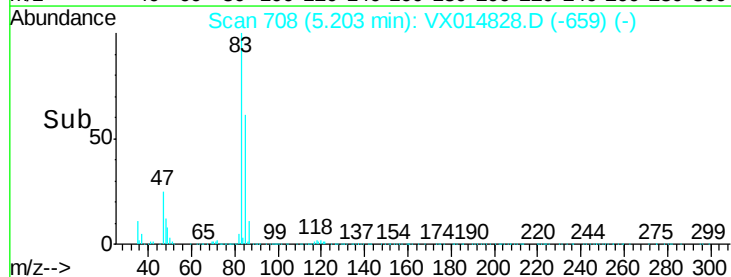
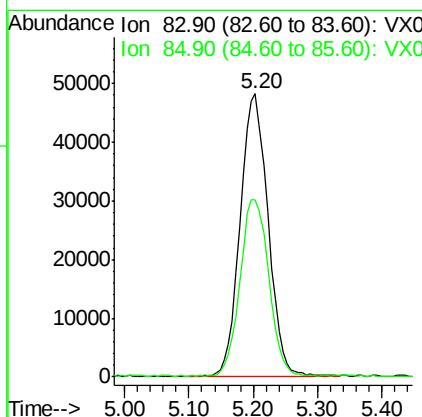
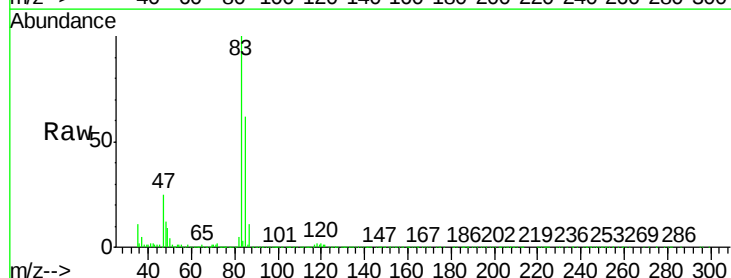
Manual Integrations
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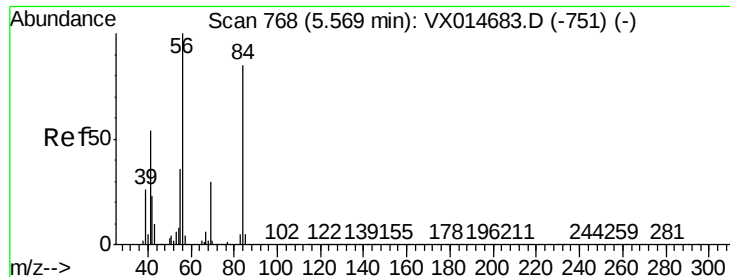
MMDadoda
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#30
Chloroform
Concen: 18.902 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.3	51.7	77.5





#31

Cyclohexane

Concen: 17.264 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX014828.D

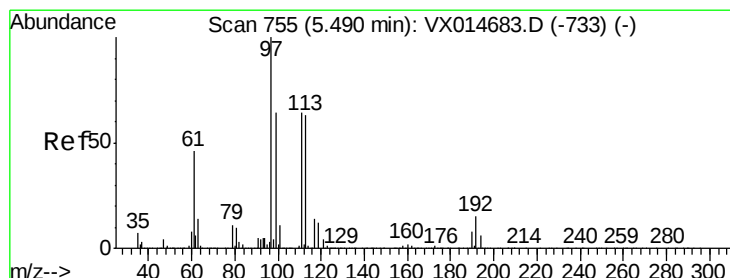
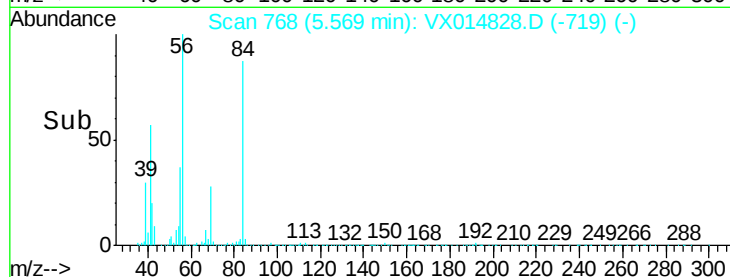
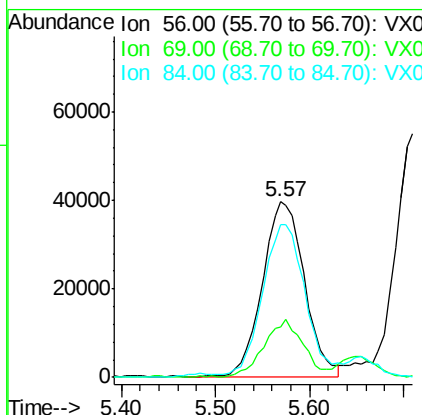
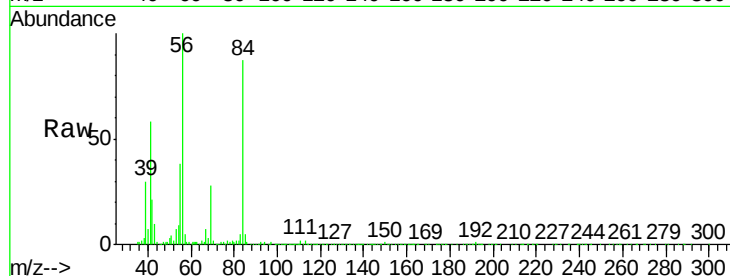
Acq: 05 Feb 2020 17:27

Tot Ion	56	Resp	124611
Ion Ratio	Lower	Upper	
56	100		
69	27.4	23.4	35.2
84	85.6	68.4	102.6

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.491 ug/l

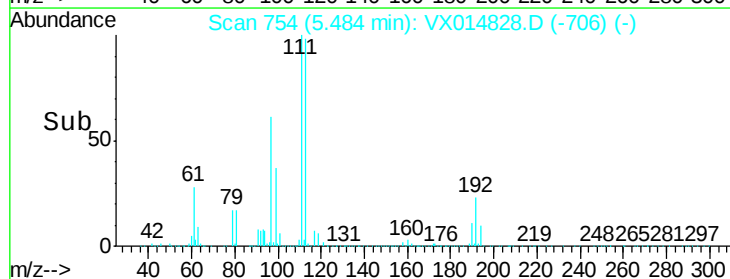
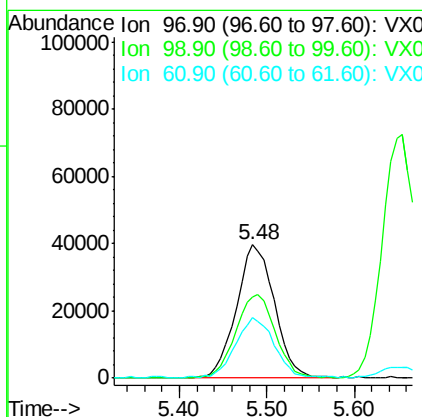
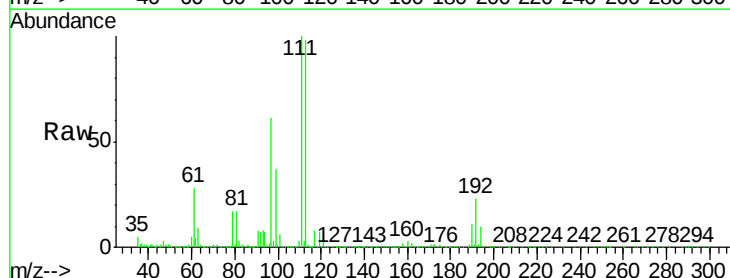
RT: 5.48 min Scan# 754

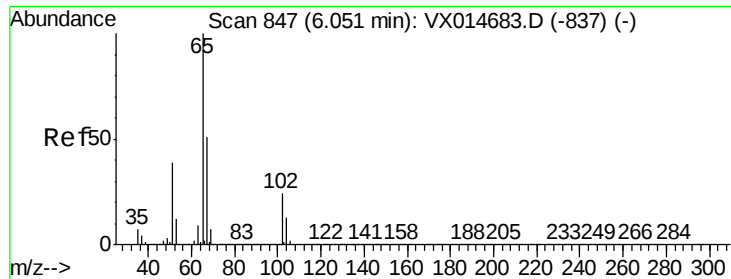
Delta R.T. -0.01 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Tgt Ion	97	Resp	118823
Ion Ratio	Lower	Upper	
97	100		
99	65.8	52.3	78.5
61	46.4	37.2	55.8





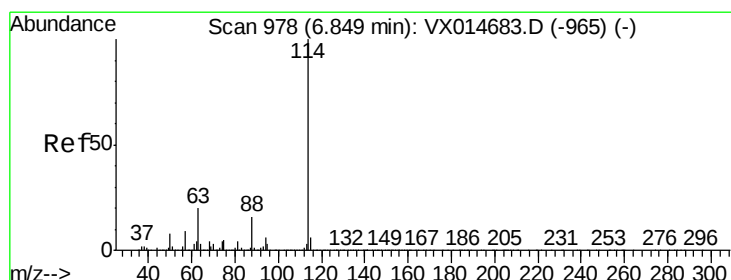
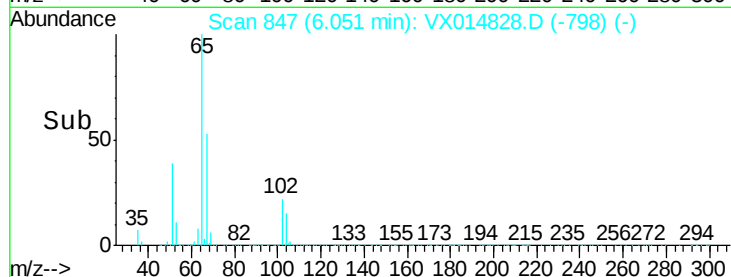
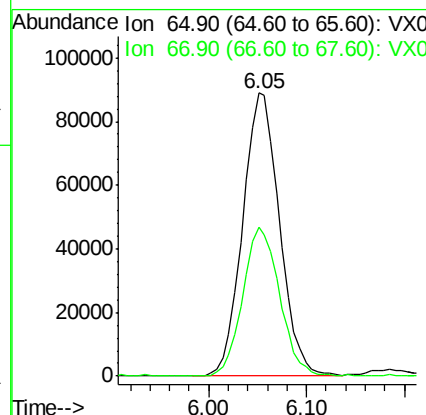
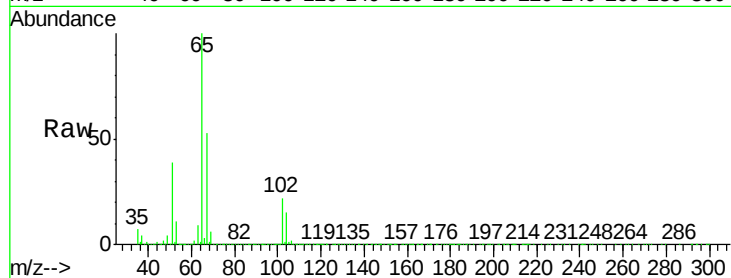
#33
 1,2-Dichloroethane-d4
 Concen: 49.786 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	231105		
67	52.3	0.0	107.4	

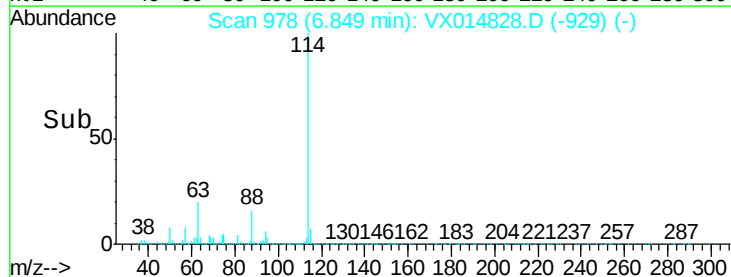
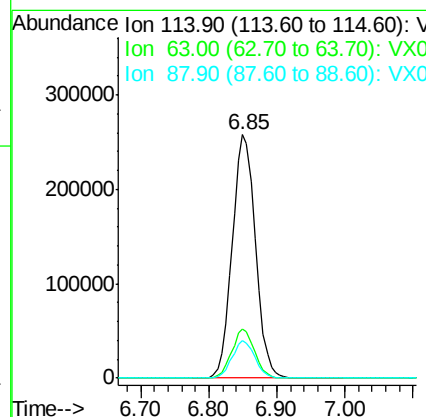
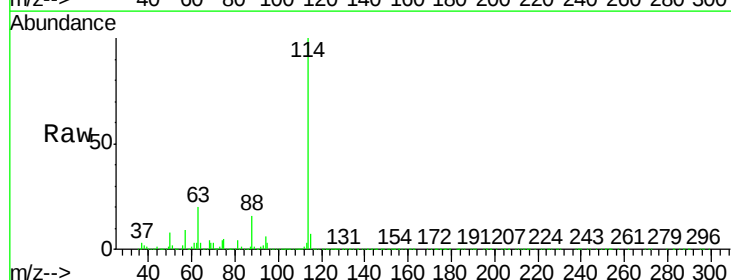
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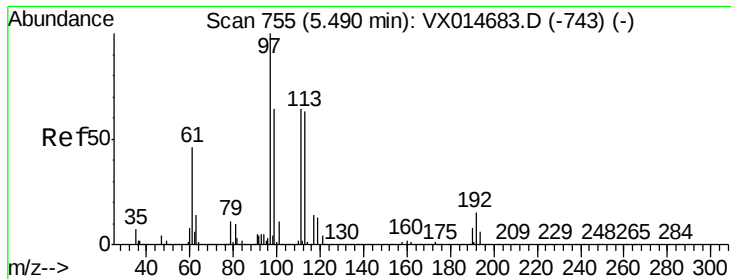
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	611156		
63	20.1	0.0	40.6	
88	15.5	0.0	31.2	





#35

Dibromofluoromethane

Concen: 49.668 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

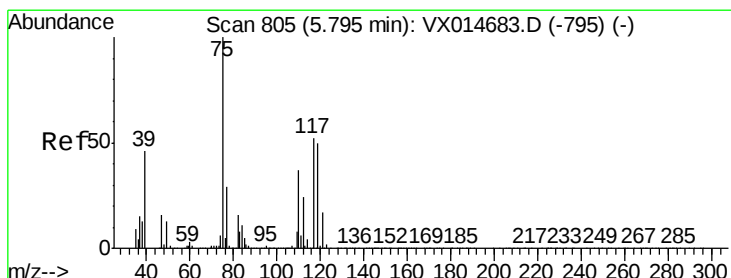
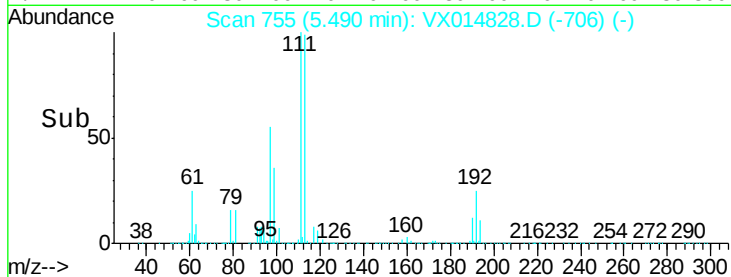
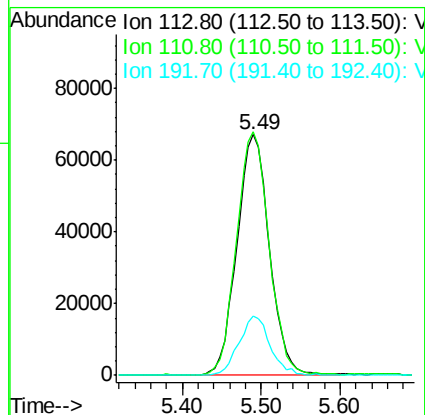
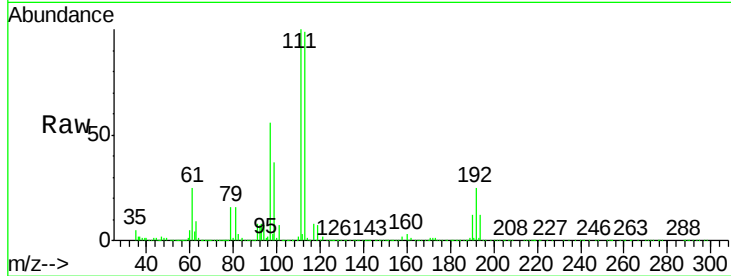
ClientSampleId :

VX0205WBS02

Tot Ion:	113	Resp:	191539
Ion Ratio	Lower	Upper	
113	100		
111	101.5	80.7	121.1
192	23.5	18.5	27.7

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#36

1,1-Dichloropropene

Concen: 17.721 ug/l

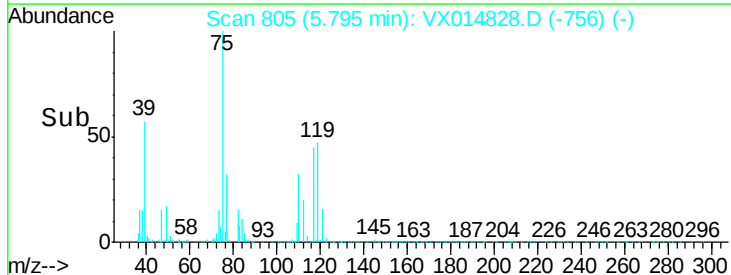
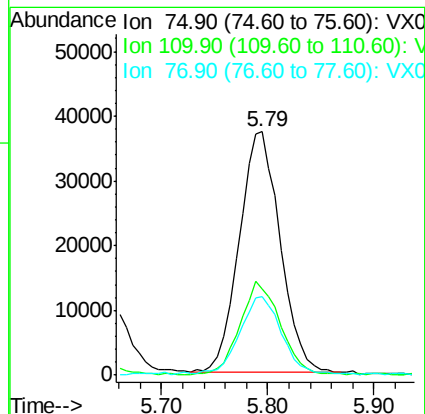
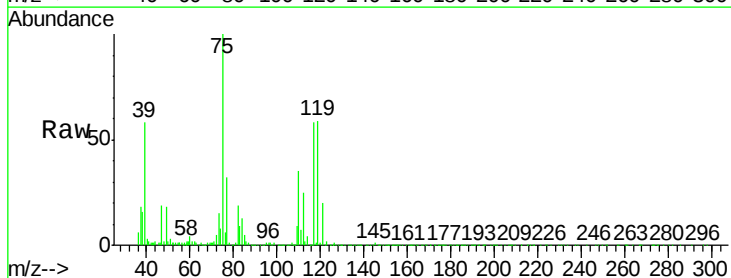
RT: 5.79 min Scan# 805

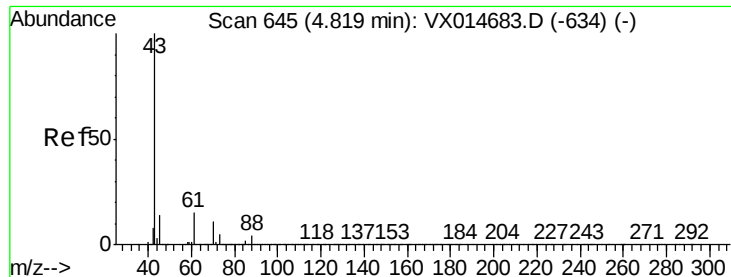
Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Tgt Ion:	75	Resp:	100636
Ion Ratio	Lower	Upper	
75	100		
110	38.5	17.9	53.7
77	32.4	24.1	36.1





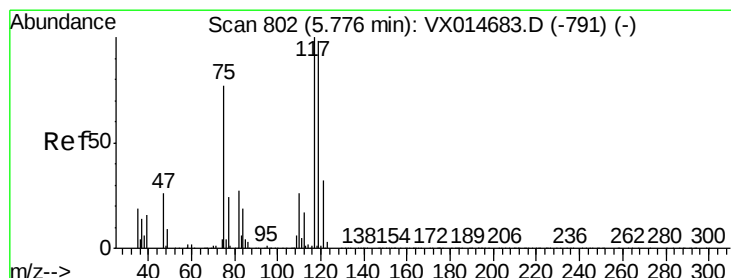
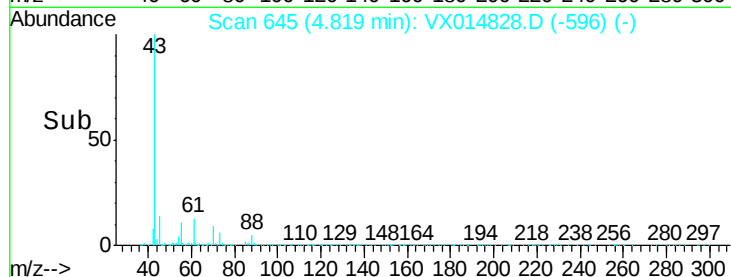
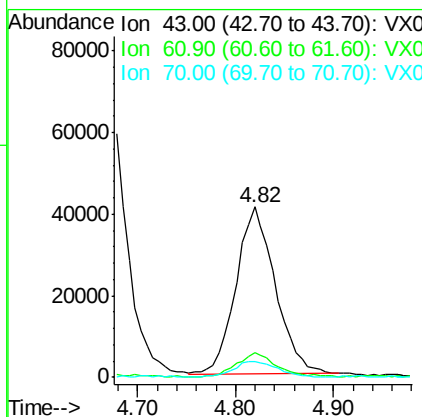
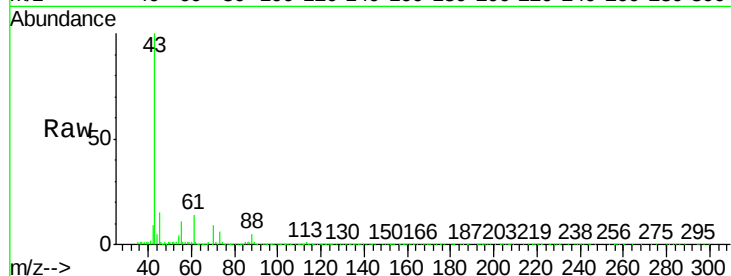
#37
Ethyl Acetate
Concen: 17.626 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	11.0	16.4
70	10.0	8.5	12.7

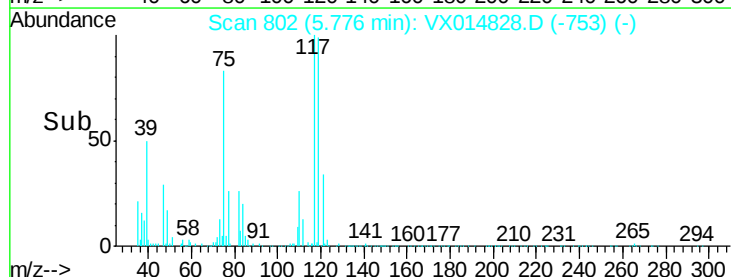
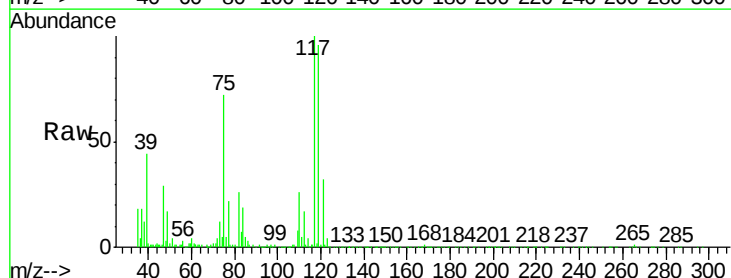
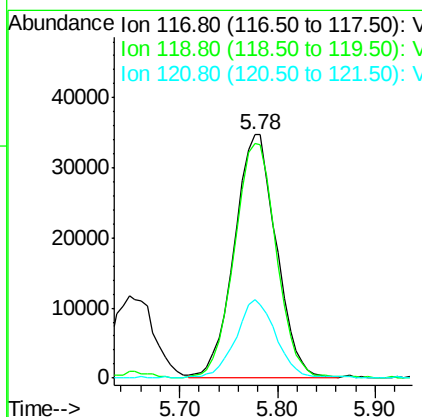
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#38
Carbon Tetrachloride
Concen: 18.958 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.9	116.9
121	32.0	25.4	38.2





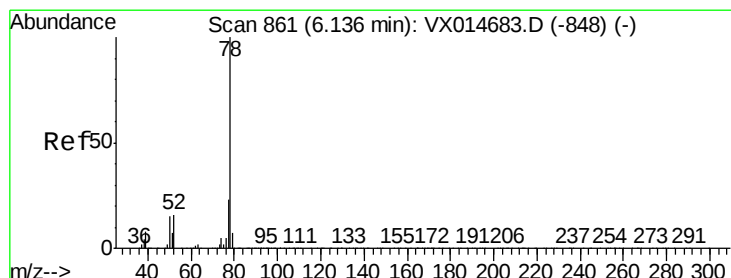
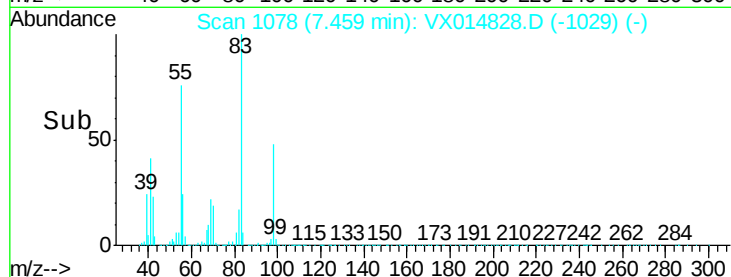
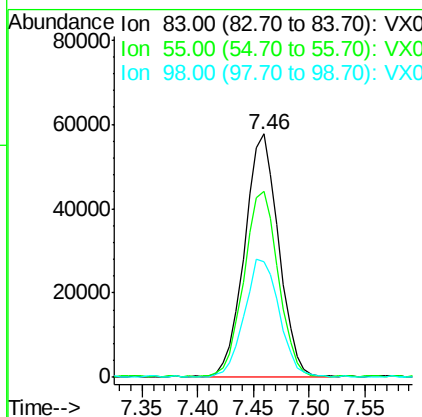
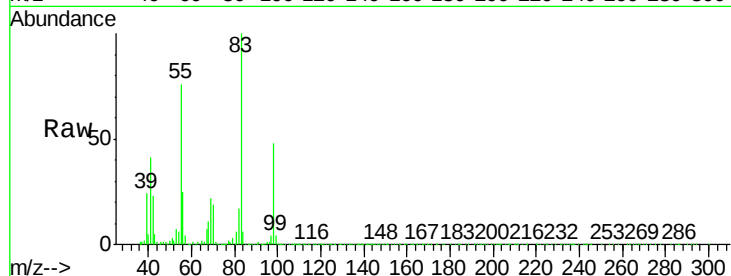
#39
Methvlcvclohexane
Concen: 17.244 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	122677		
55	75.7	65.6	98.4	
98	47.5	40.2	60.4	

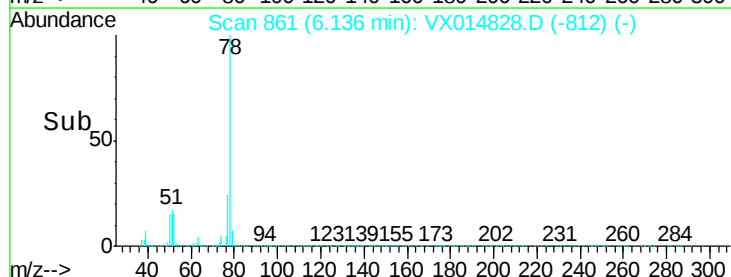
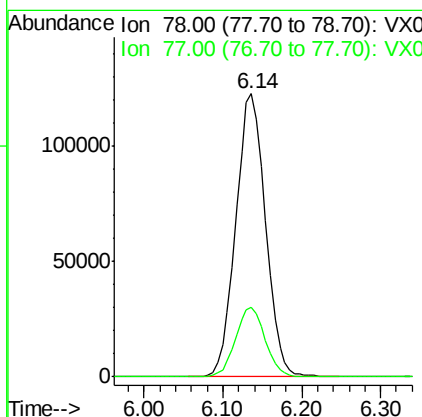
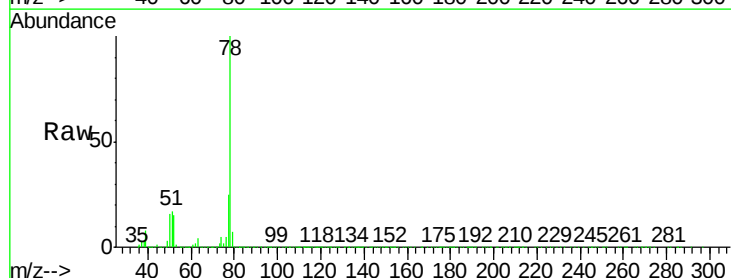
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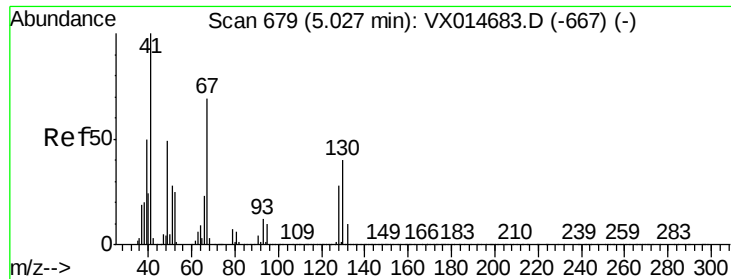
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#40
Benzene
Concen: 18.300 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	321108		
77	24.5	18.7	28.1	





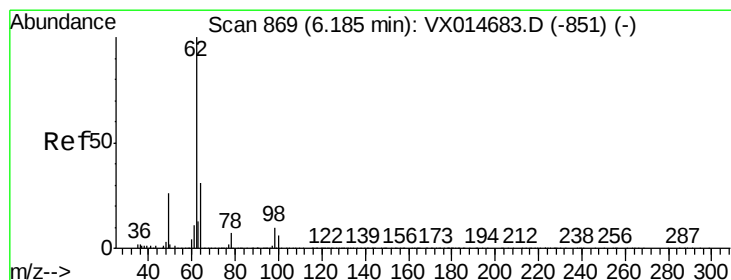
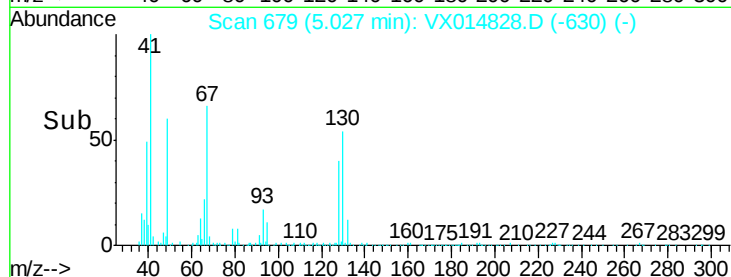
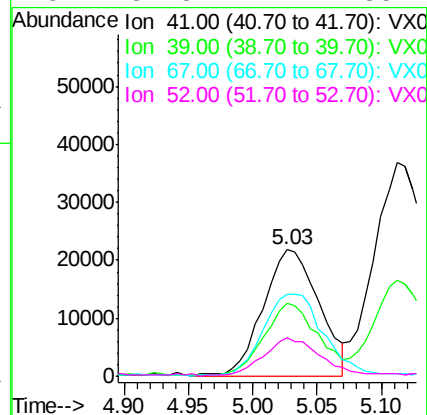
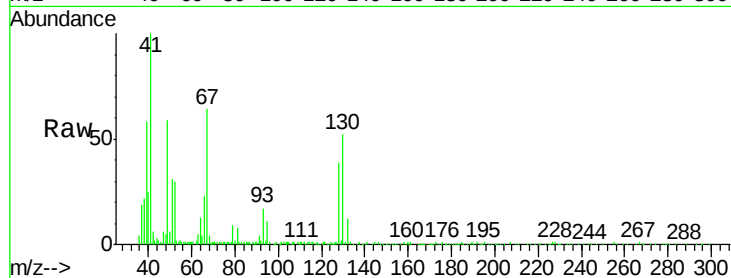
#41
Methacrylonitrile
Concen: 17.674 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		66193		
39	54.0	42.2	63.2		
67	68.3	55.4	83.0		
52	32.3	22.1	33.1		

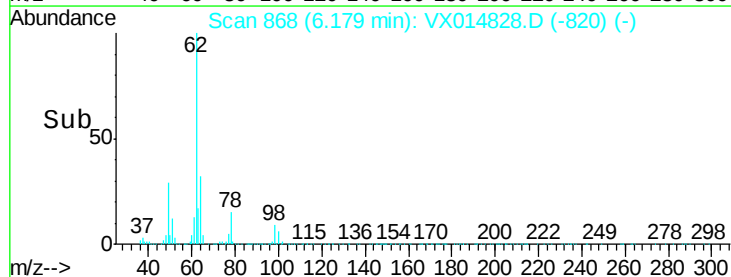
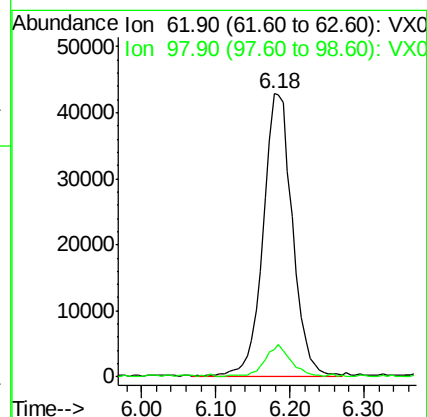
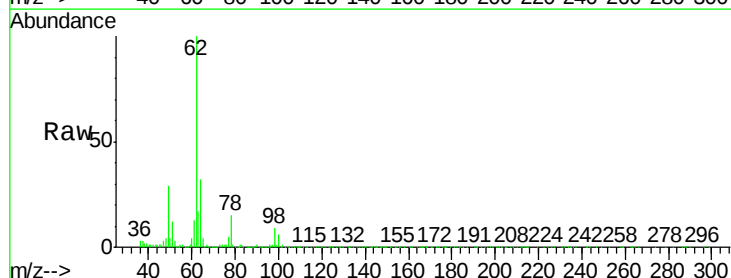
Manual Integrations
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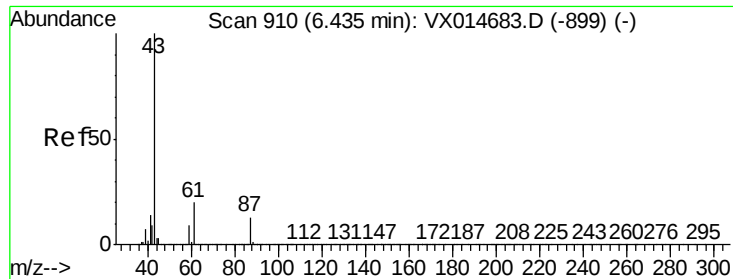
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#42
1,2-Dichloroethane
Concen: 19.622 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		118893		
98	9.6	0.0	20.0		





#43

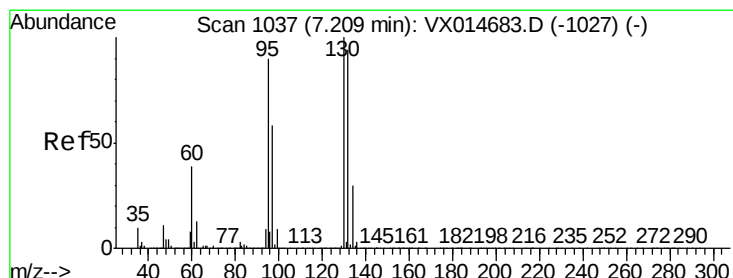
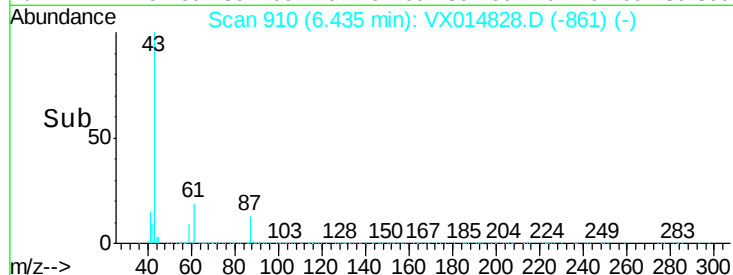
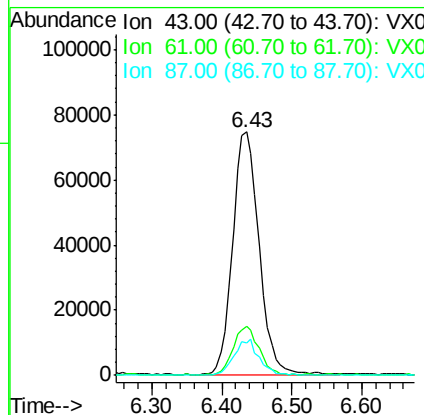
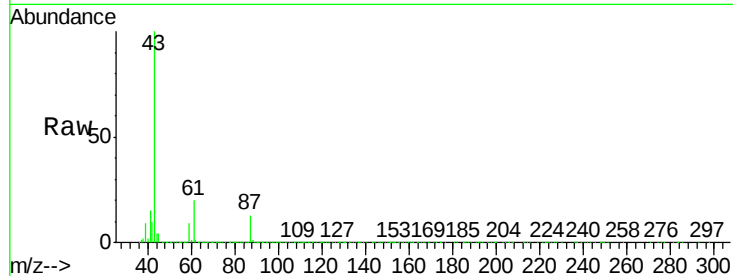
Isopropyl Acetate
 Concen: 18.578 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Tot Ion:	43	Resp:	197875
Ion Ratio	Lower	Upper	
43	100		
61	19.5	16.2	24.4
87	13.4	10.5	15.7

Manual Integrations
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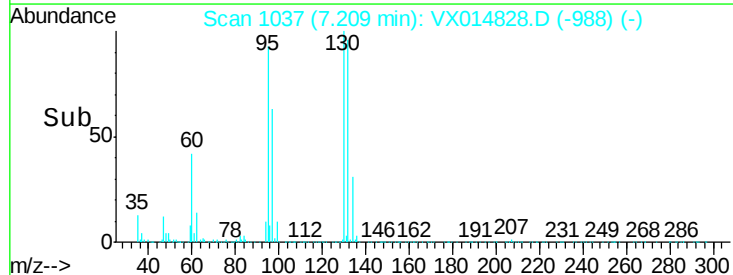
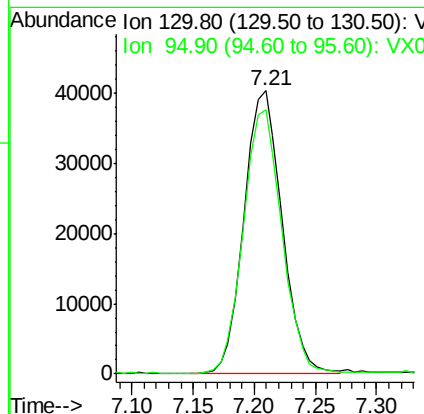
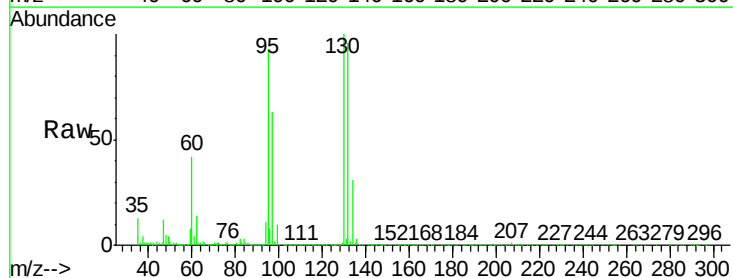
MMDadoda
 2/6/2020 1:34:12 PM

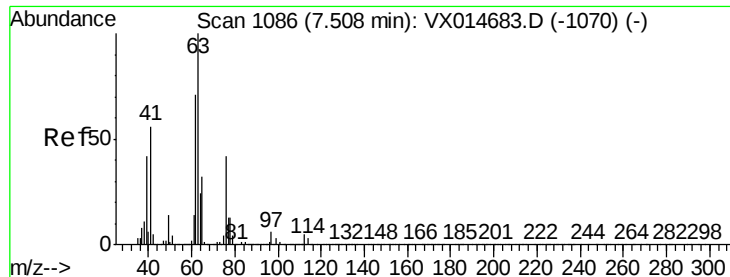


#44

Trichloroethene
 Concen: 17.676 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Tgt Ion:	130	Resp:	87605
Ion Ratio	Lower	Upper	
130	100		
95	92.9	0.0	179.8





#45

1,2-Dichloropropane

Concen: 18.454 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS02

Tot Ion: 63 Resp: 83420

Ion Ratio Lower Upper

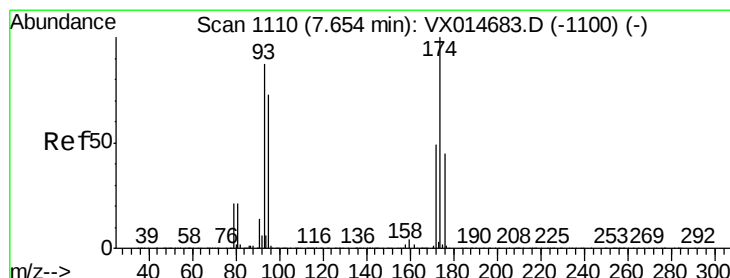
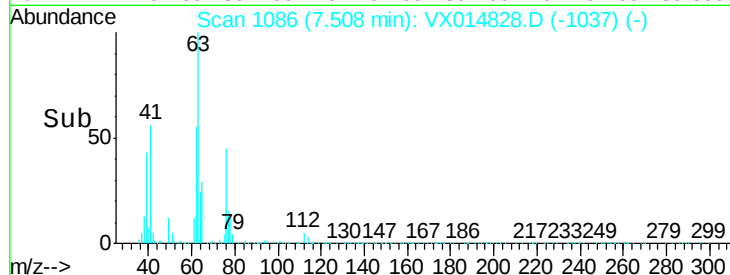
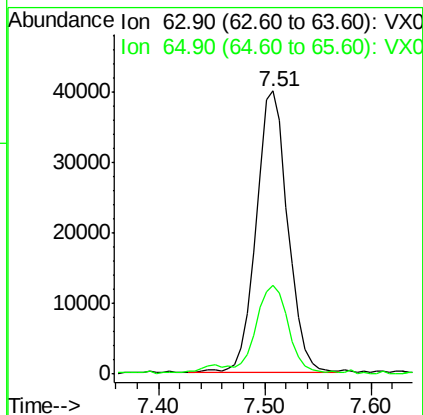
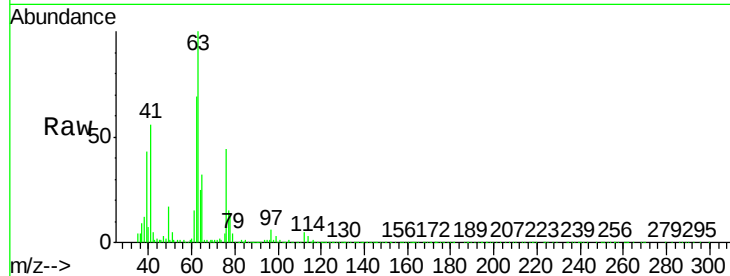
63 100

65 30.8 25.2 37.8

Manual Integrations
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#46

Dibromomethane

Concen: 19.196 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

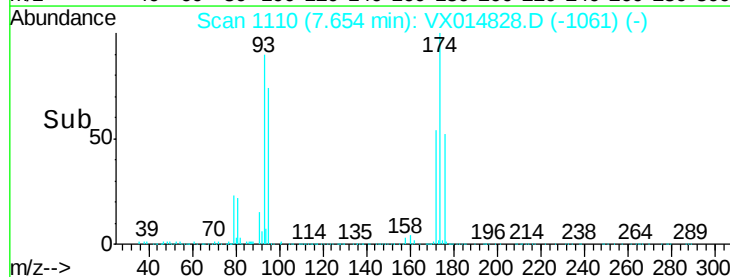
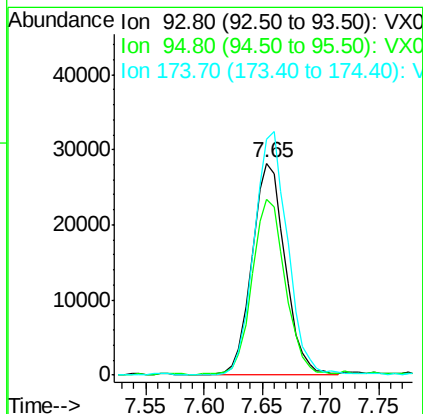
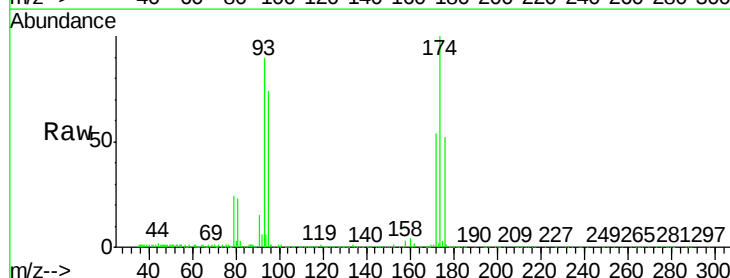
Tgt Ion: 93 Resp: 56198

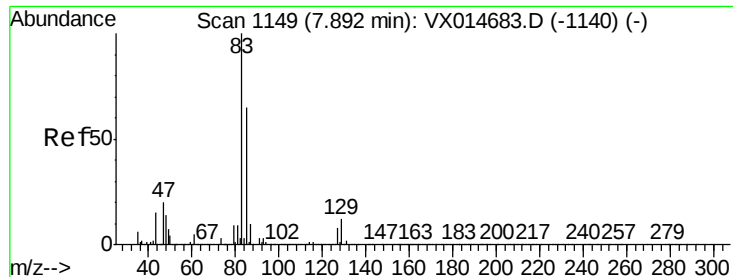
Ion Ratio Lower Upper

93 100

95 81.6 67.0 100.4

174 115.3 90.2 135.2





#47

Bromodichloromethane

Concen: 18.709 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

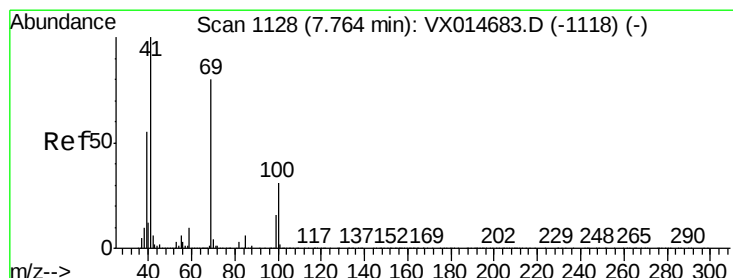
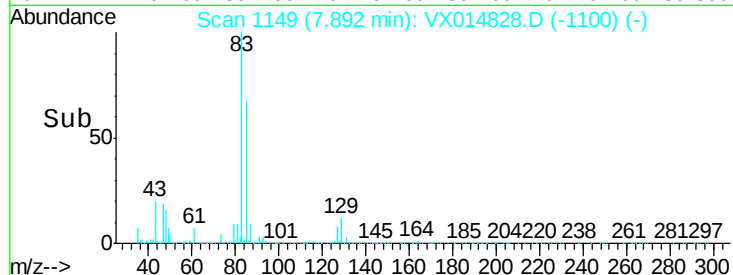
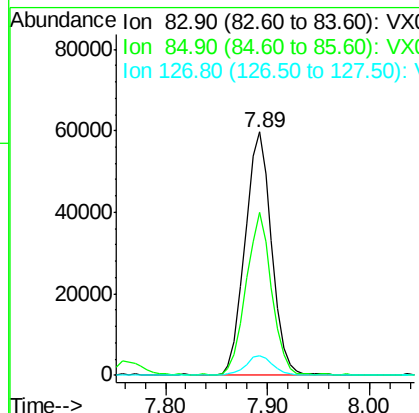
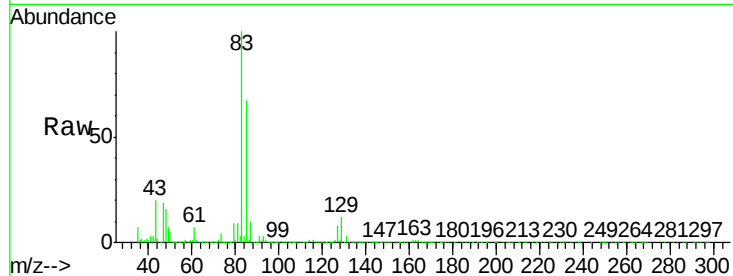
ClientSampleId :

VX0205WBS02

Tot Ion:	83	Resp:	107430
Ion Ratio	Lower	Upper	
83	100		
85	66.7	52.2	78.2
127	8.0	6.4	9.6

Manual Integrations
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2/6/2020 1:34:12 PM



#48

Methyl methacrylate

Concen: 18.440 ug/l

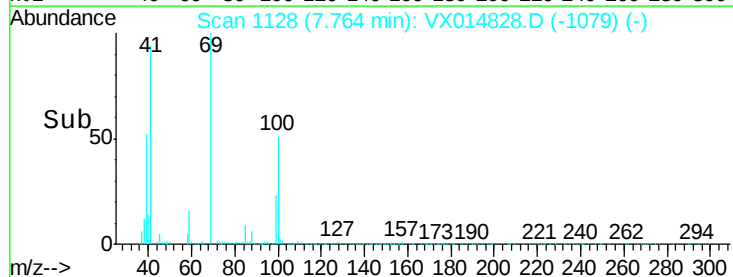
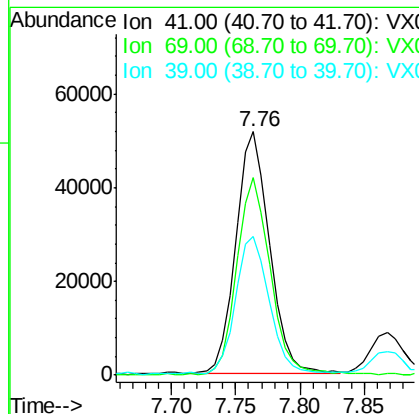
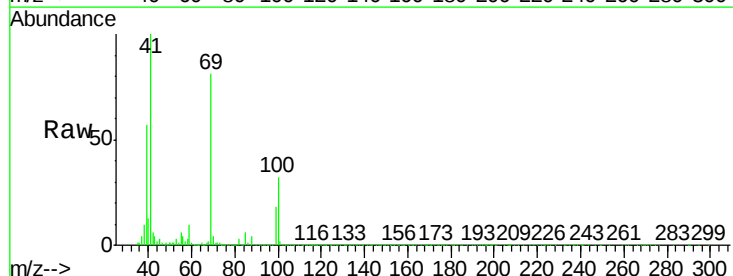
RT: 7.76 min Scan# 1128

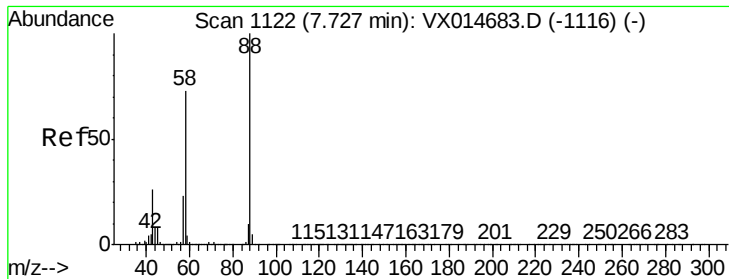
Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Tgt Ion:	41	Resp:	93842
Ion Ratio	Lower	Upper	
41	100		
69	80.5	63.5	95.3
39	57.0	43.7	65.5





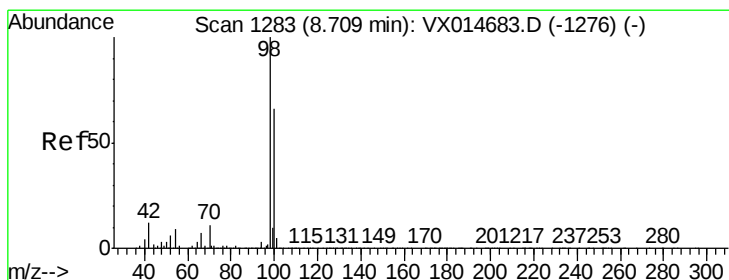
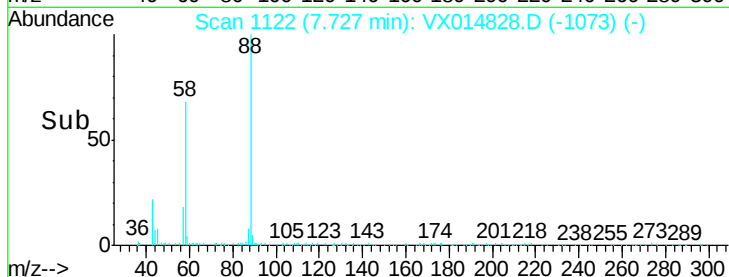
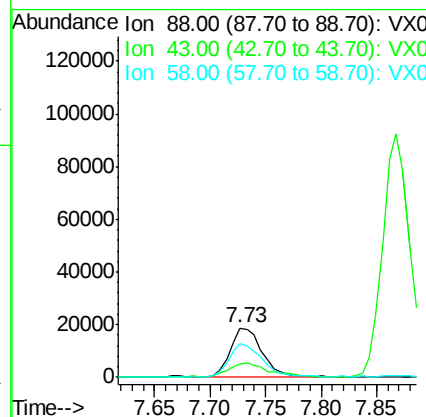
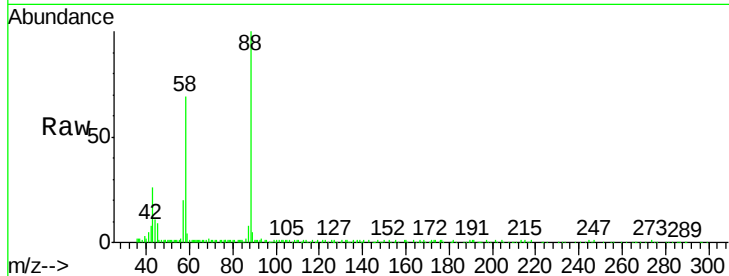
#49
1,4-Dioxane
Concen: 339.823 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.2	39.2
58	71.9	56.6	85.0

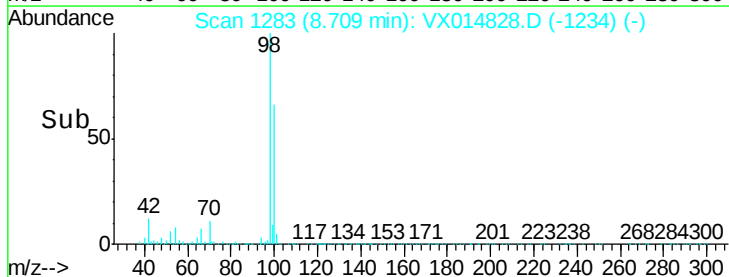
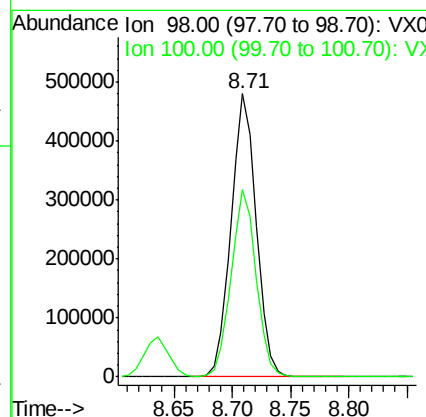
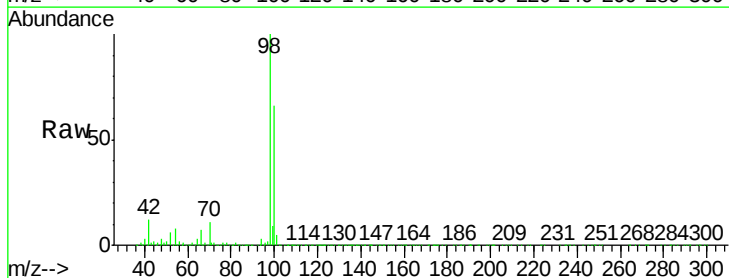
Manual Integrations
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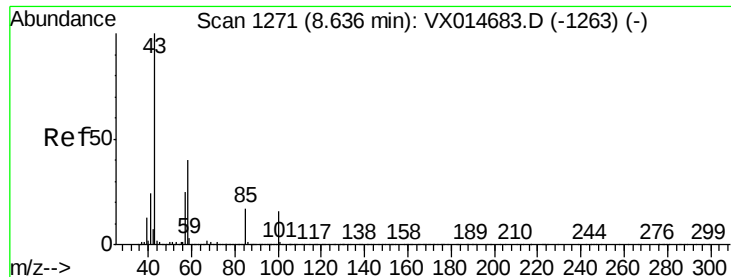
MMDadoda
2/6/2020 1:34:12 PM



#50
Toluene-d8
Concen: 48.521 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 91.145 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS02

Tot Ion: 43 Resp: 612706

Ion Ratio Lower Upper

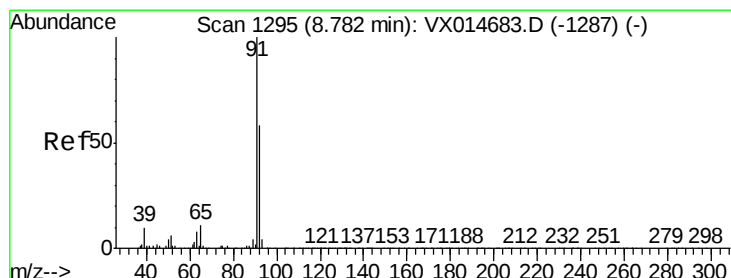
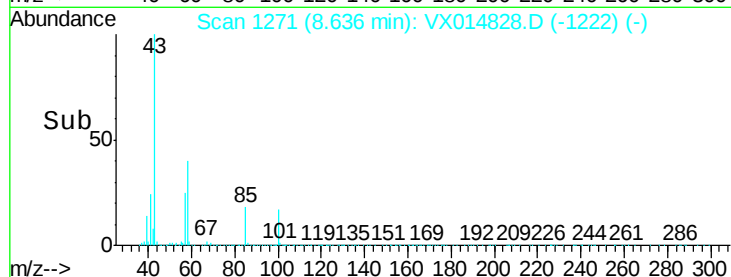
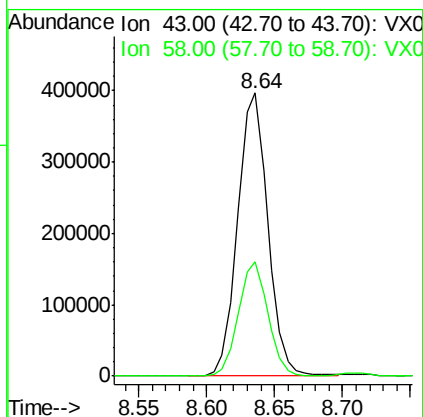
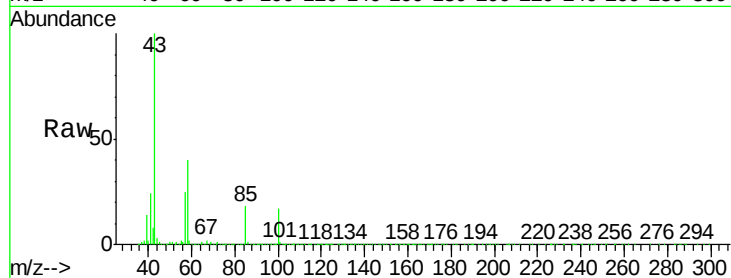
43 100

58 39.5 31.6 47.4

Manual Integrations
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#52

Toluene

Concen: 18.742 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014828.D

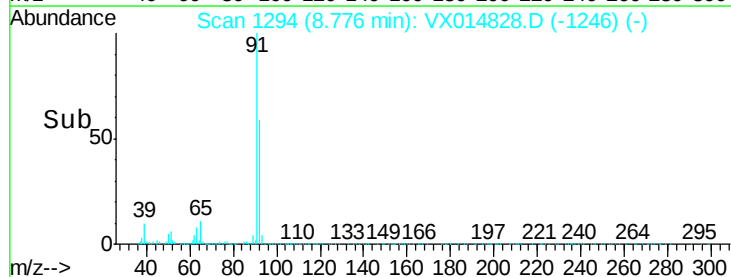
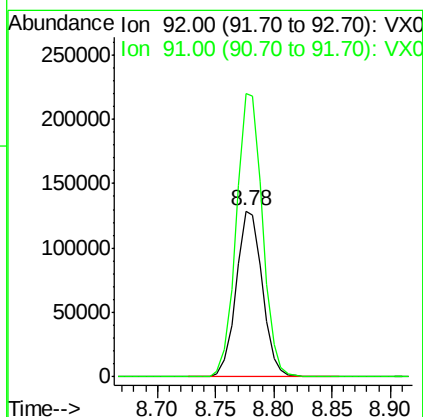
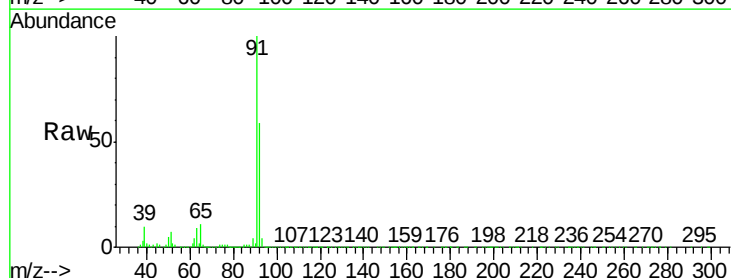
Acq: 05 Feb 2020 17:27

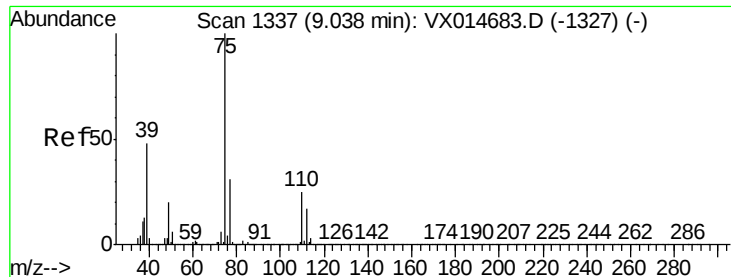
Tgt Ion: 92 Resp: 202151

Ion Ratio Lower Upper

92 100

91 169.9 135.9 203.9





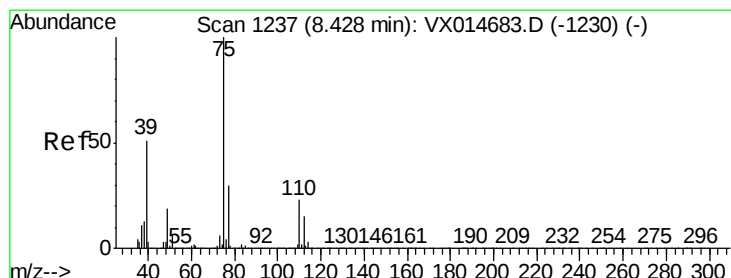
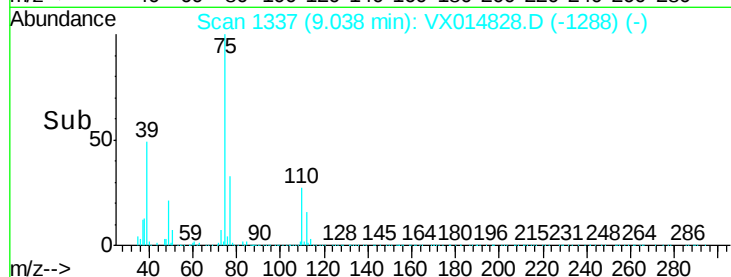
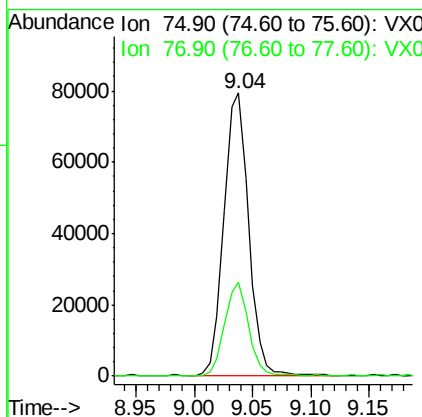
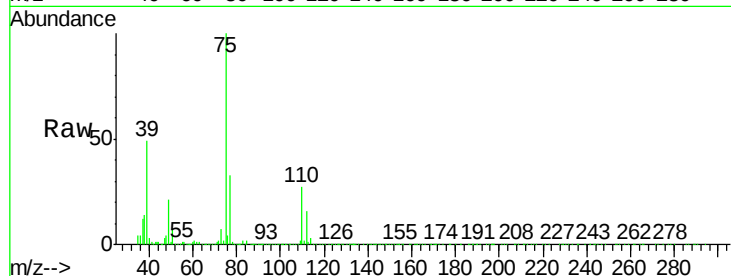
#53
t-1,3-Dichloropropene
Concen: 18.836 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.1	24.9	37.3

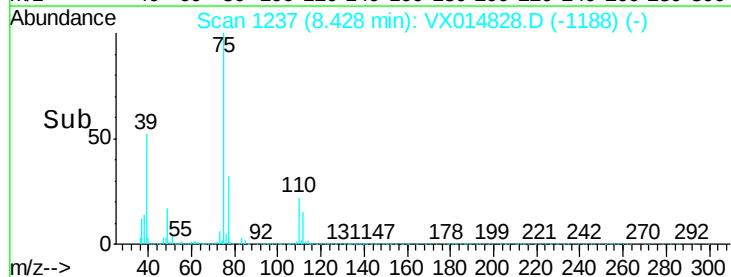
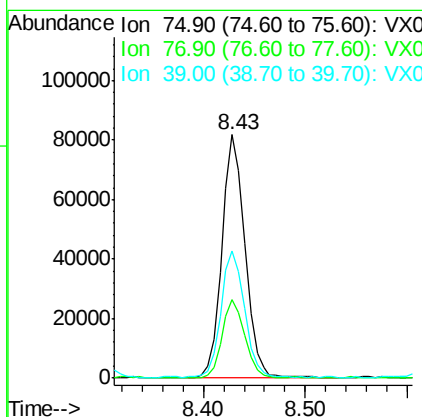
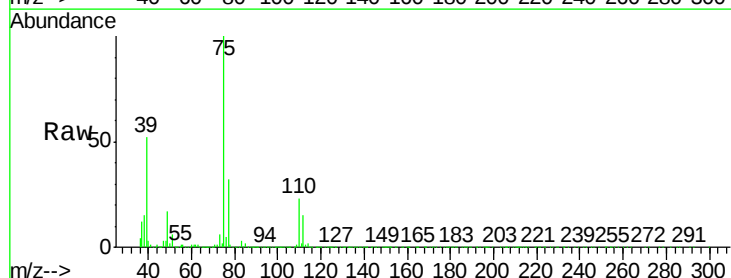
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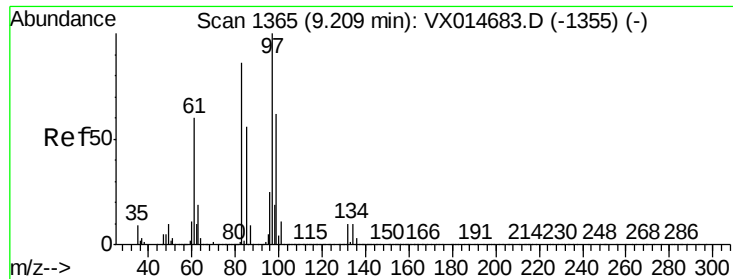
MMDadoda
2/6/2020 1:34:12 PM



#54
cis-1,3-Dichloropropene
Concen: 18.769 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	23.9	35.9
39	51.8	40.9	61.3





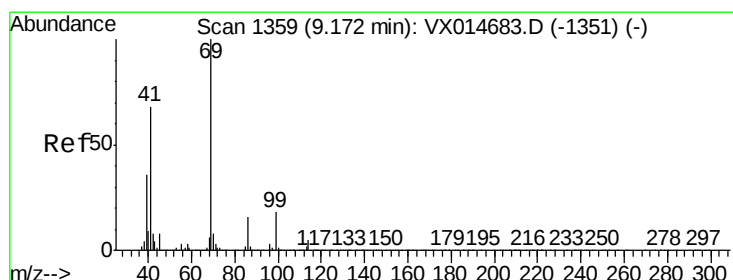
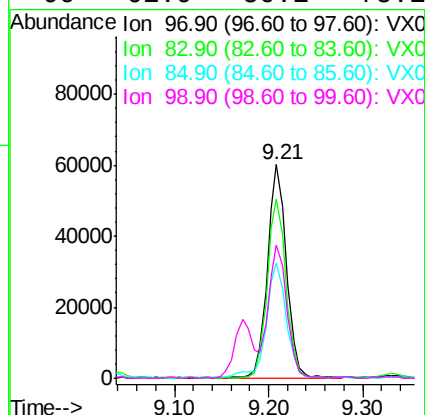
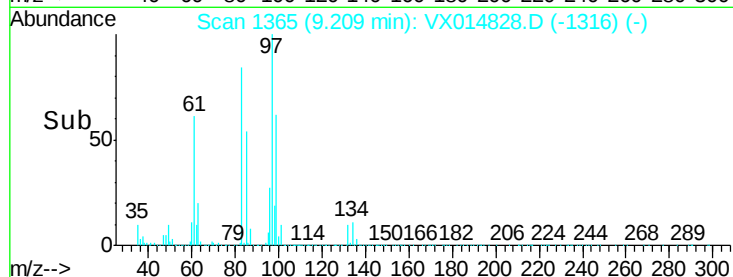
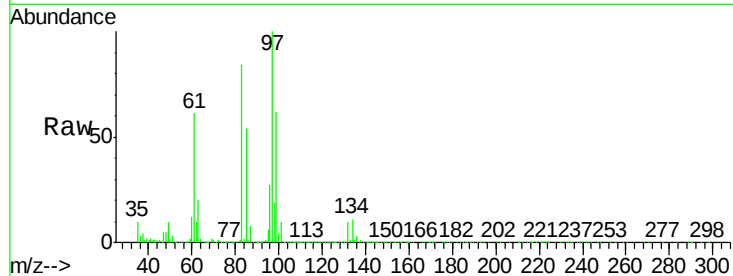
#55
 1,1,2-Trichloroethane
 Concen: 19.589 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		86504		
83	83.4	69.2	103.8		
85	53.4	44.6	67.0		
99	61.9	50.1	75.1		

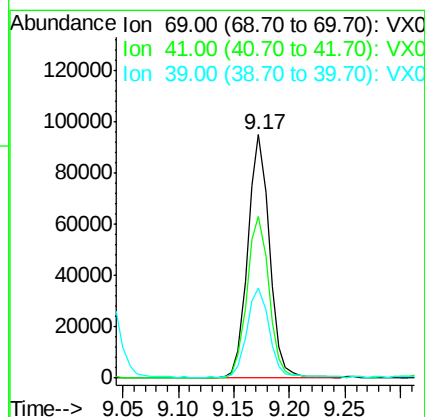
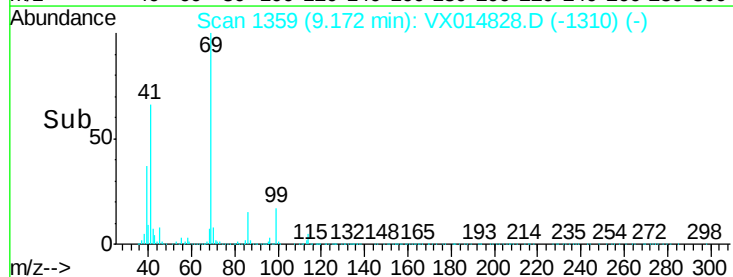
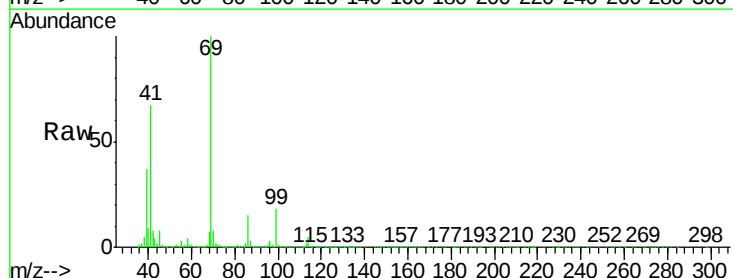
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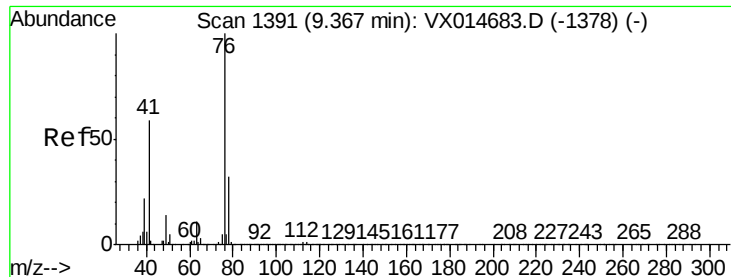
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 2/6/2020 1:34:12 PM



#56
 Ethyl methacrylate
 Concen: 18.271 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		127998		
41	67.8	54.9	82.3		
39	37.6	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 18.586 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS02

Tot Ion: 76 Resp: 140305

Ion Ratio Lower Upper

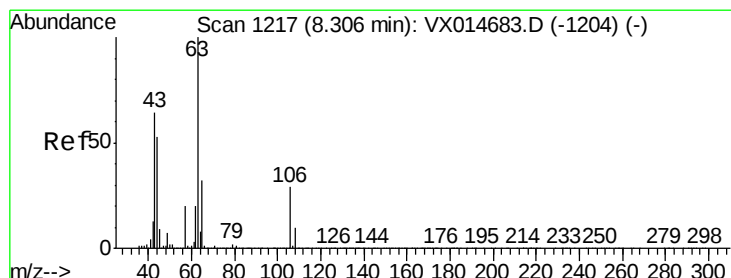
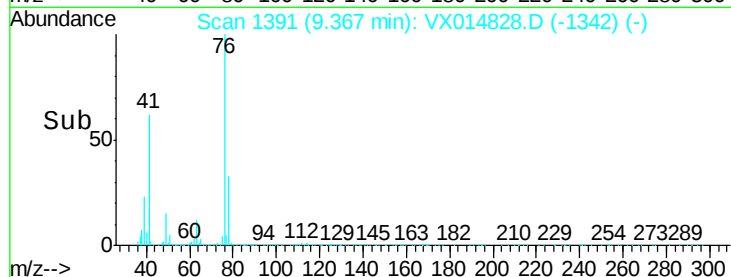
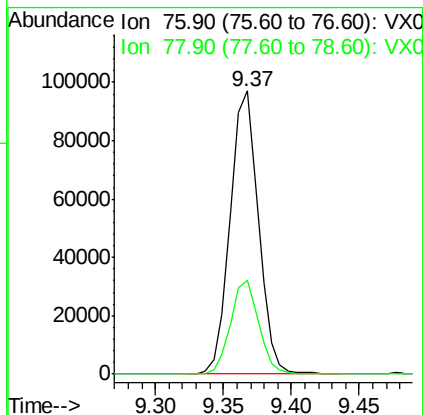
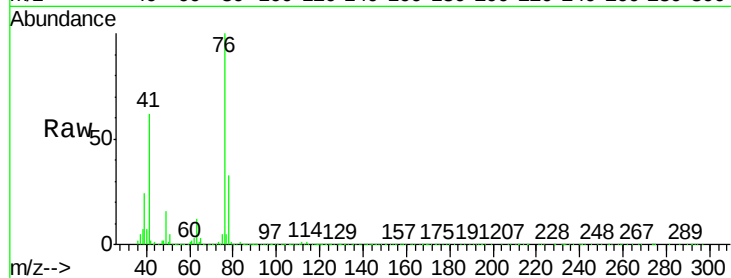
76 100

78 32.5 26.0 39.0

Manual Integrations
APPROVED

MMDadoda

2/6/2020 1:34:12 PM



#58

2-Chloroethyl Vinyl ether

Concen: 94.797 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014828.D

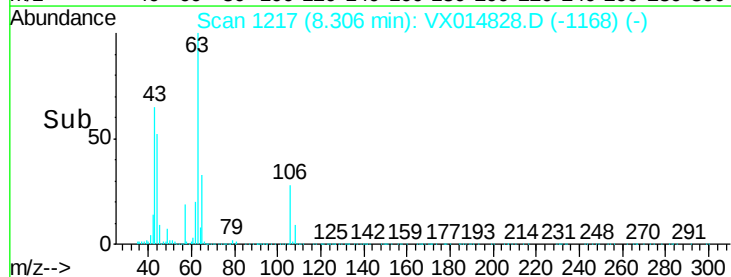
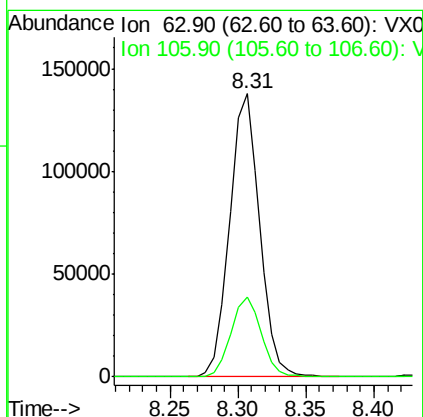
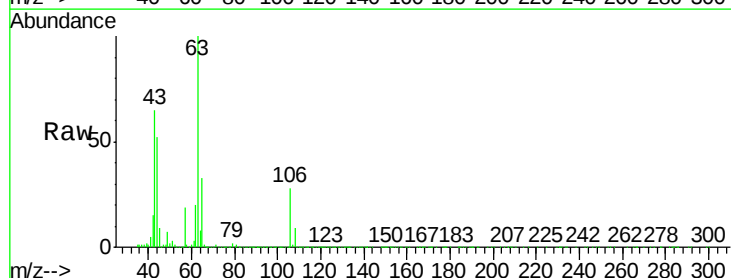
Acq: 05 Feb 2020 17:27

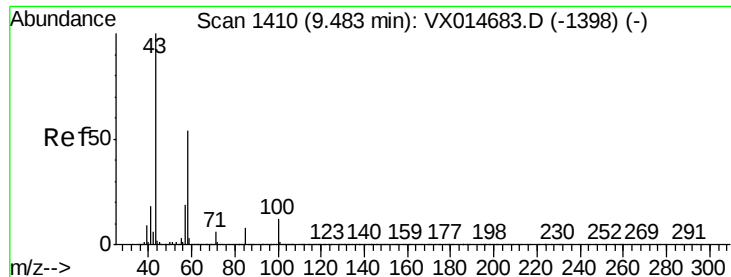
Tgt Ion: 63 Resp: 210530

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1





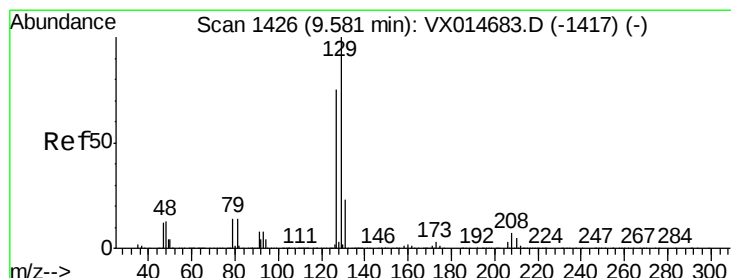
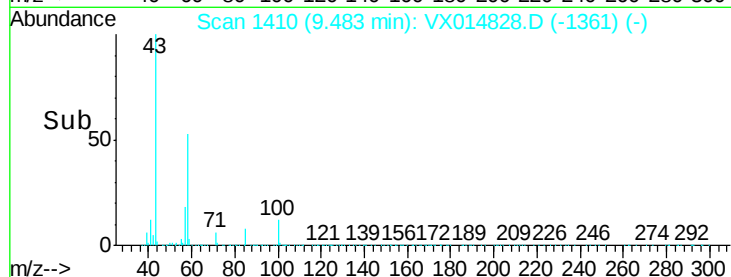
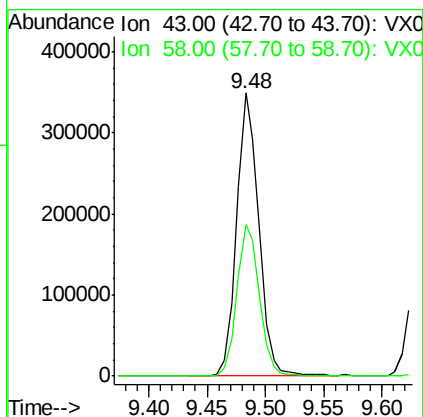
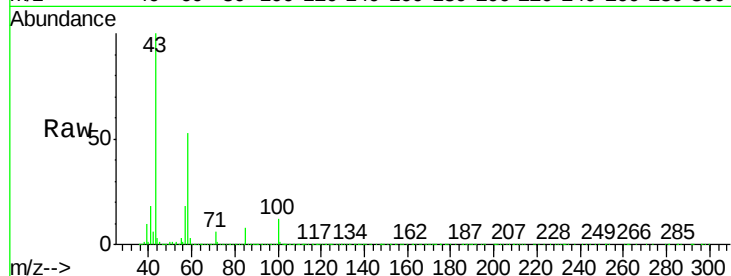
#59
2-Hexanone
Concen: 88.447 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion: 43 Resp: 461376
Ion Ratio Lower Upper
43 100
58 54.7 27.2 81.5

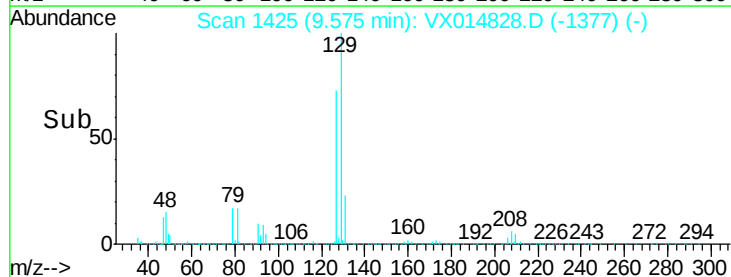
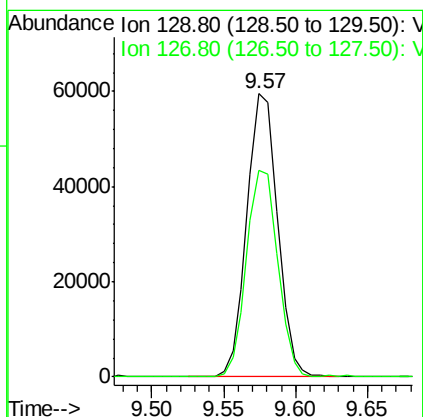
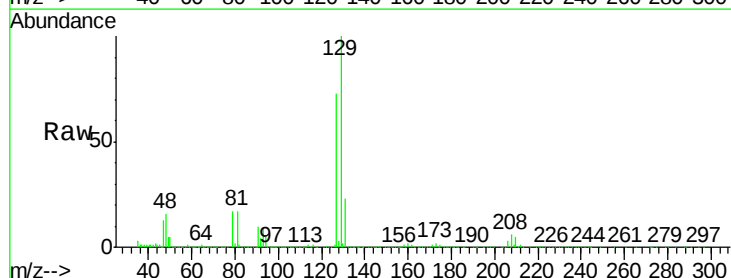
Manual Integrations
APPROVED

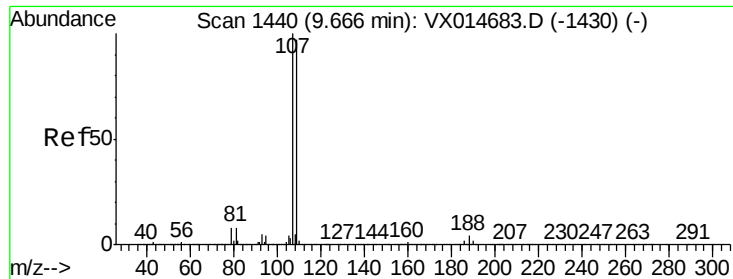
MMDadoda
2/6/2020 1:34:12 PM



#60
Dibromochloromethane
Concen: 19.144 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion: 129 Resp: 88244
Ion Ratio Lower Upper
129 100
127 74.0 38.5 115.5





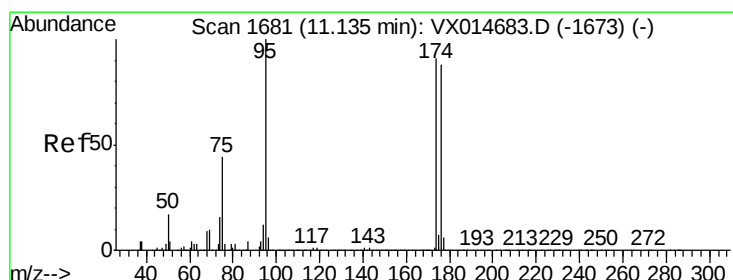
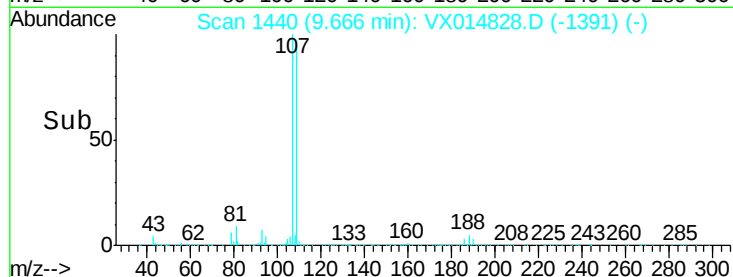
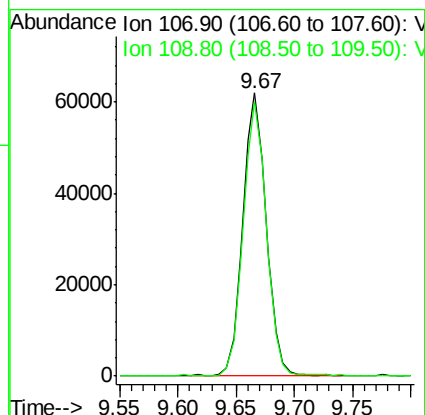
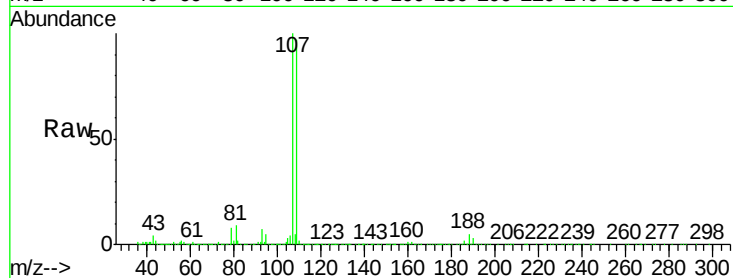
#61
 1,2-Dibromoethane
 Concen: 18.739 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	76.2	114.2

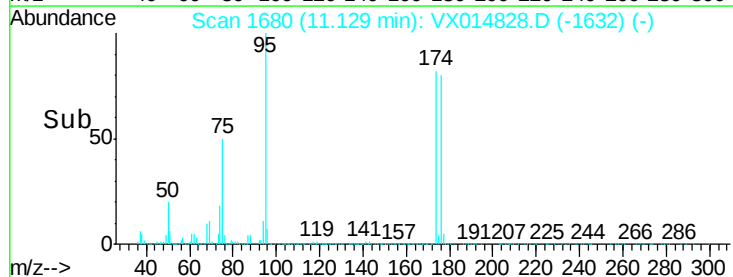
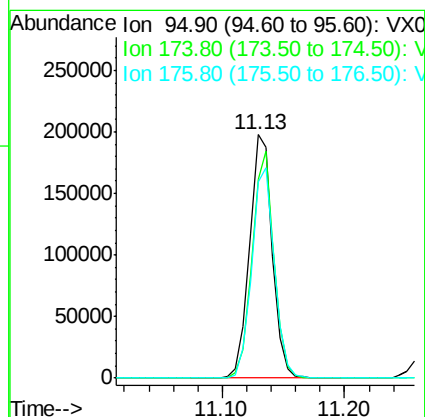
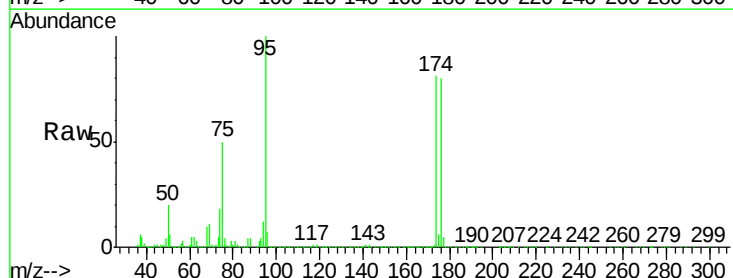
Manual Integrations
 APPROVED

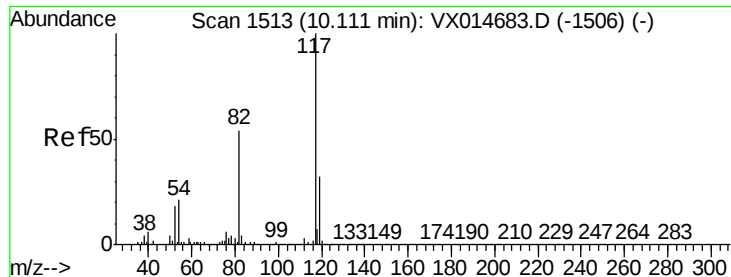
MMDadoda
 2/6/2020 1:34:12 PM



#62
 4-Bromofluorobenzene
 Concen: 48.236 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	176.0
176	87.0	0.0	172.2





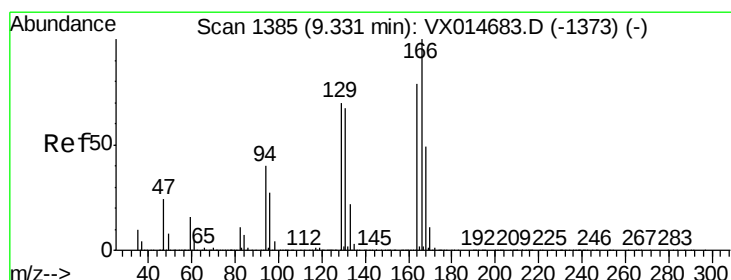
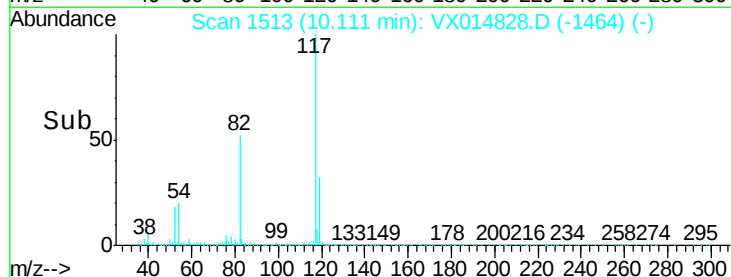
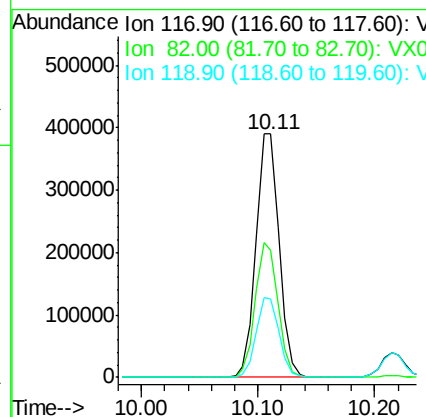
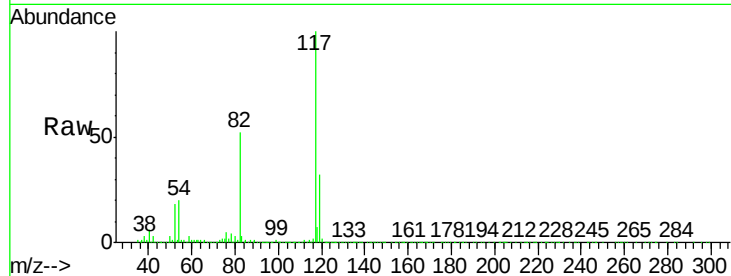
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	43.2	64.8
119	32.5	25.8	38.6

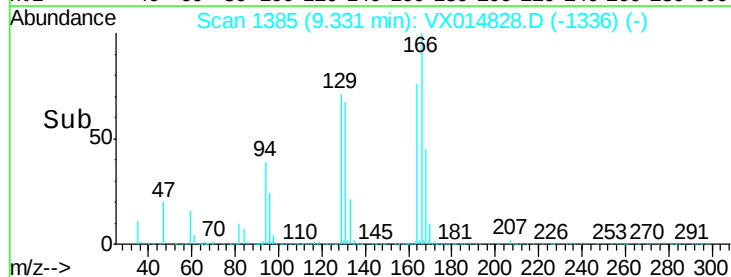
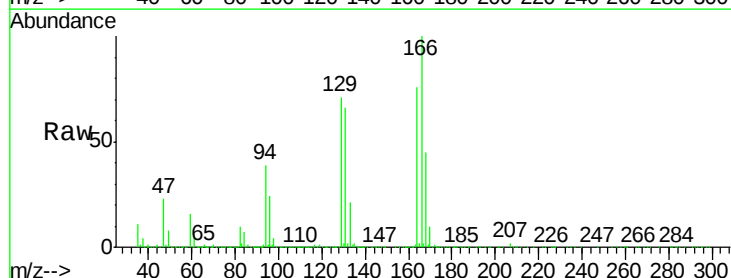
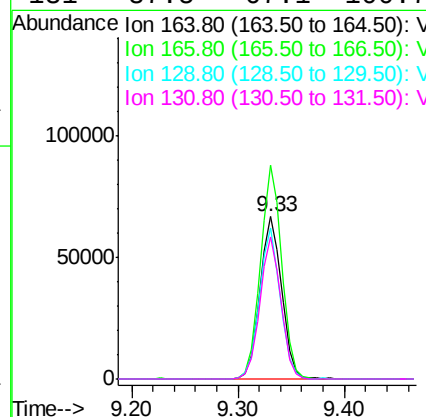
Manual Integrations
APPROVED

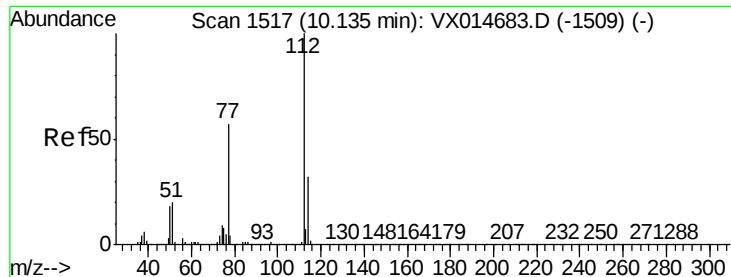
MMDadoda
2/6/2020 1:34:12 PM



#64
Tetrachloroethene
Concen: 17.797 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	100.9	151.3
129	93.4	71.0	106.6
131	87.5	67.1	100.7





#65

Chlorobenzene

Concen: 18.747 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS02

Tot Ion:112 Resp: 217911

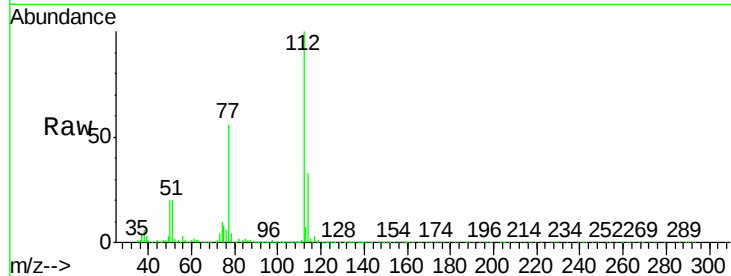
Ion Ratio Lower Upper

112 100

114 33.1 25.8 38.8

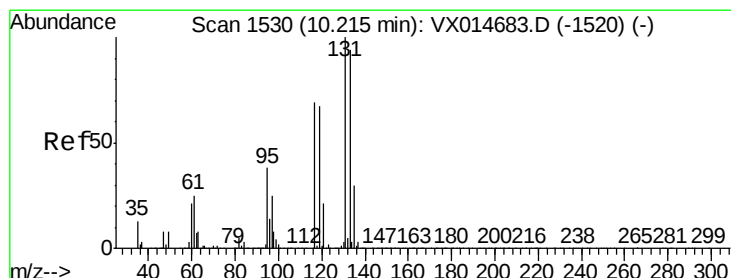
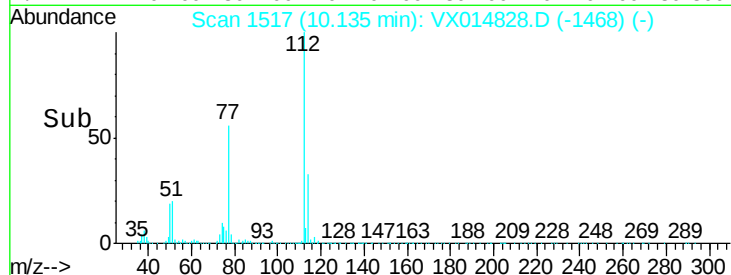
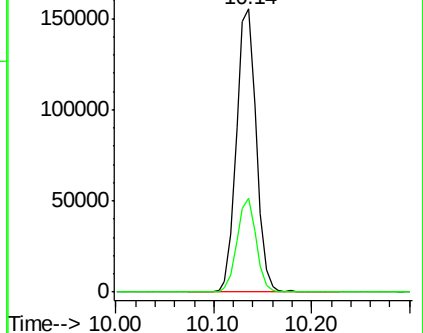
Manual Integrations
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.502 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

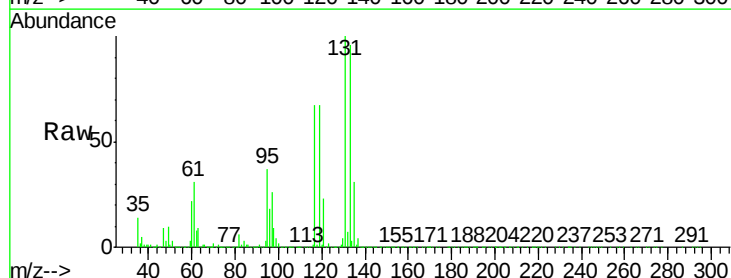
Tgt Ion:131 Resp: 83579

Ion Ratio Lower Upper

131 100

133 94.5 47.4 142.3

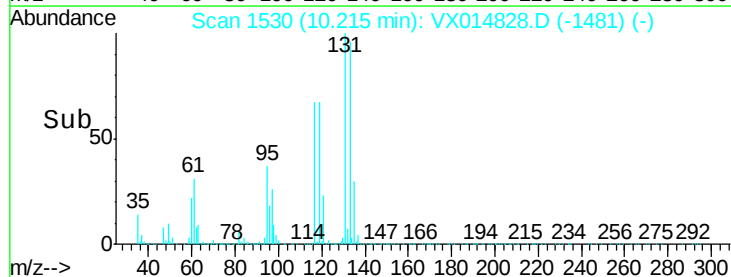
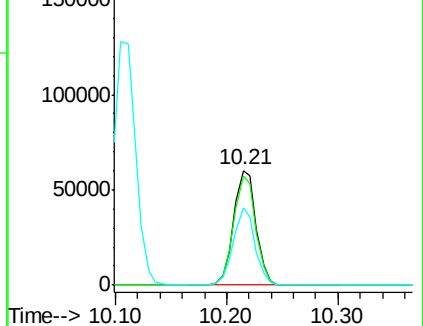
119 64.8 33.3 99.8

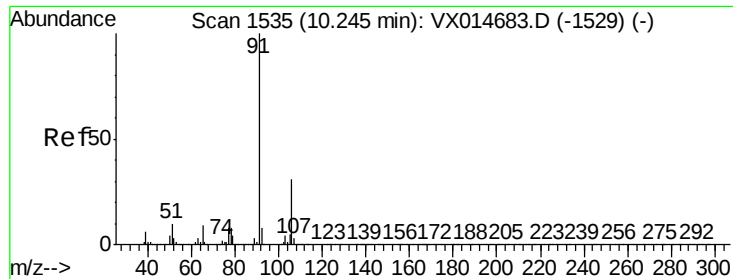


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





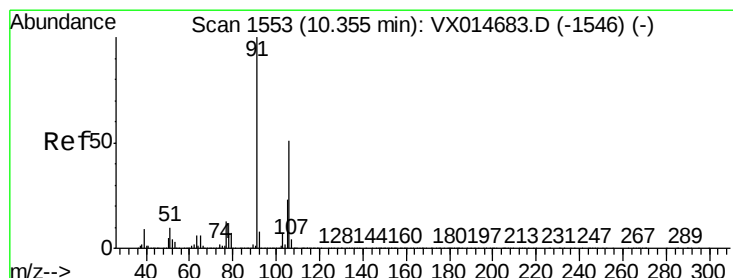
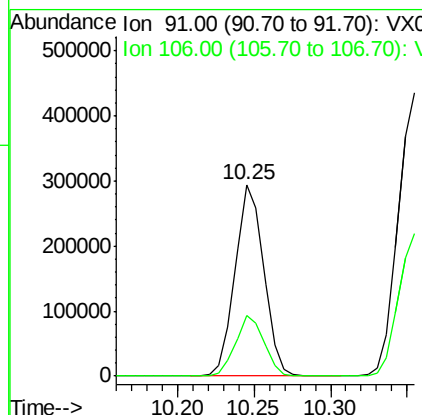
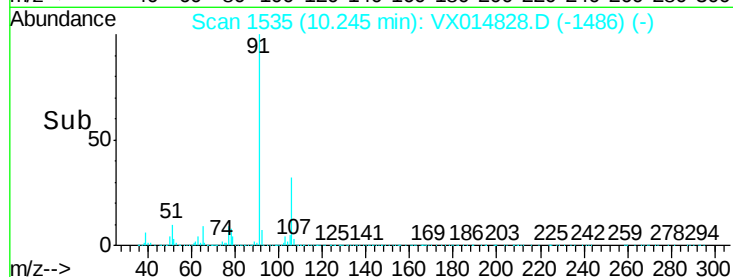
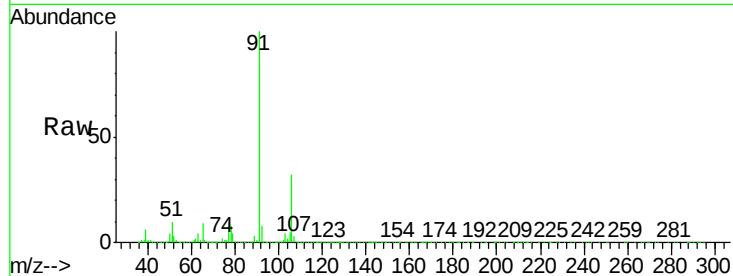
#67
Ethyl Benzene
Concen: 19.292 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion: 91 Resp: 382885
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3

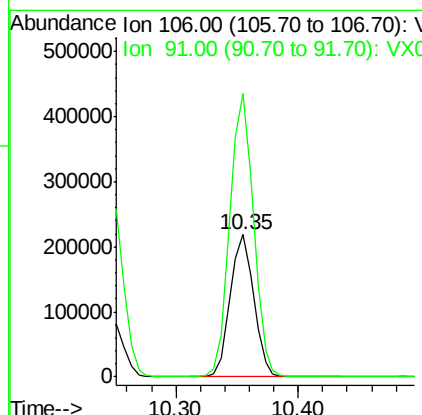
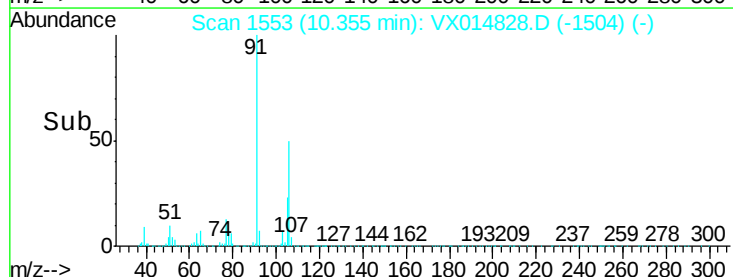
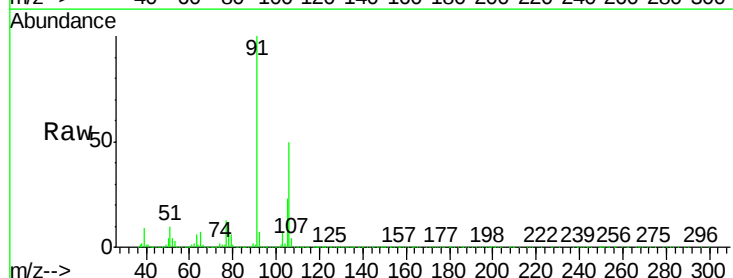
Manual Integrations
APPROVED

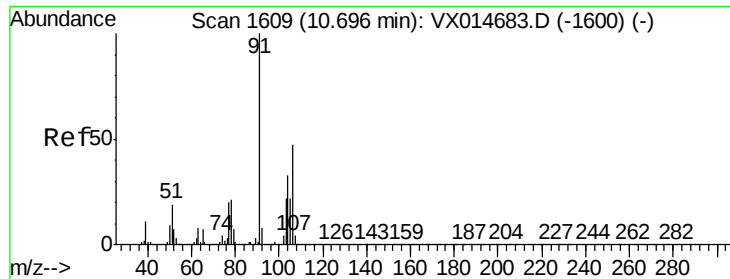
MMDadoda
2/6/2020 1:34:12 PM



#68
m/p-Xylenes
Concen: 38.630 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion: 106 Resp: 290461
Ion Ratio Lower Upper
106 100
91 199.7 159.4 239.2





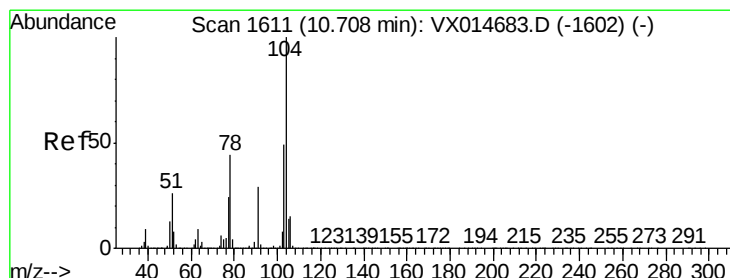
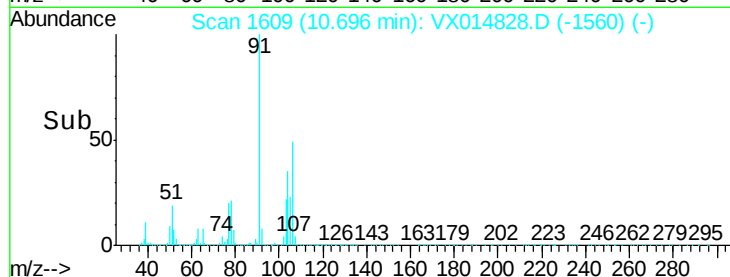
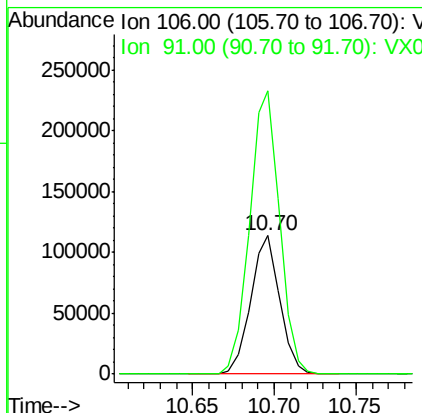
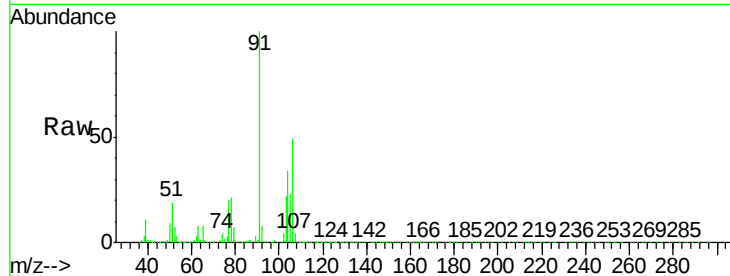
#69
o-Xylene
Concen: 19.411 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	140898		
91	210.9	106.2	318.6	

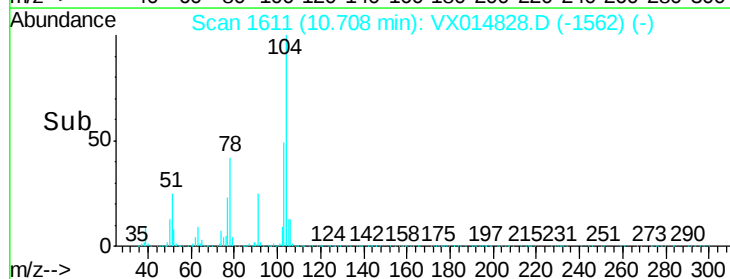
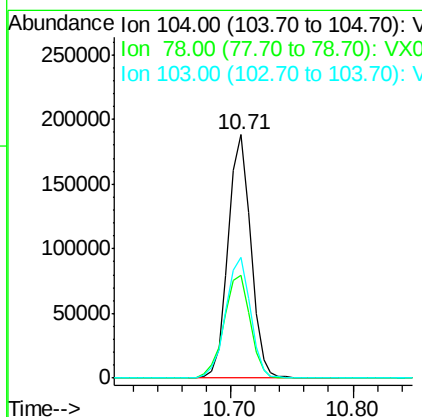
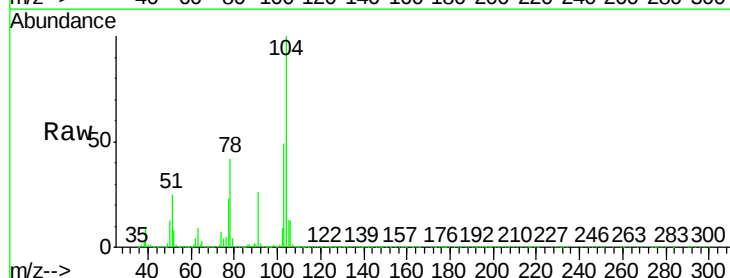
Manual Integrations
APPROVED

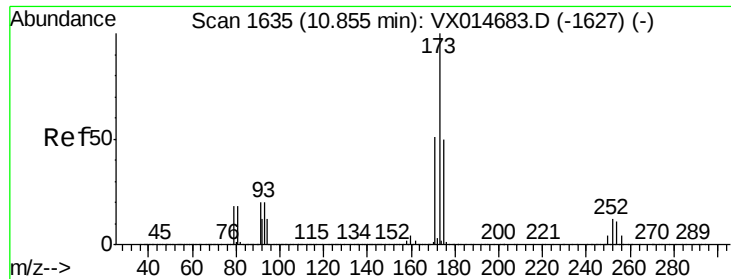
MMDadoda
2/6/2020 1:34:12 PM



#70
Styrene
Concen: 19.796 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	241040		
78	48.9	39.3	58.9	
103	54.3	43.5	65.3	





#71

Bromoform

Concen: 18.877 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

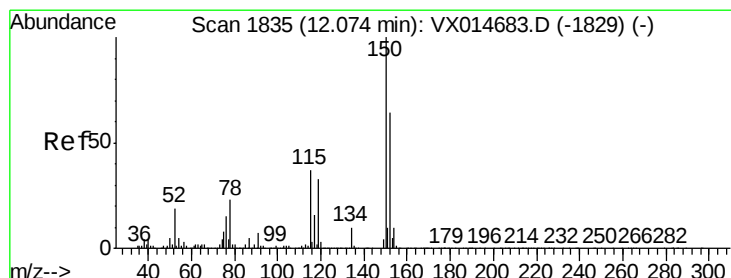
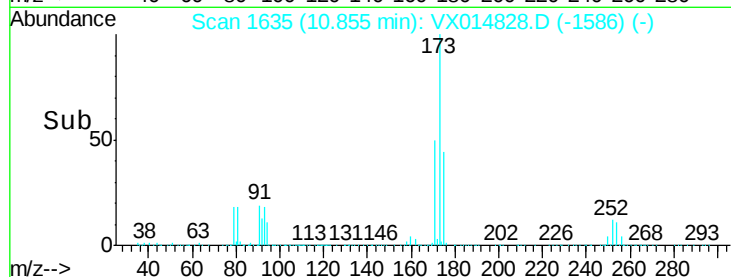
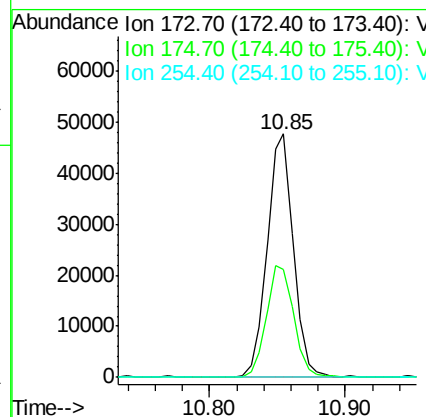
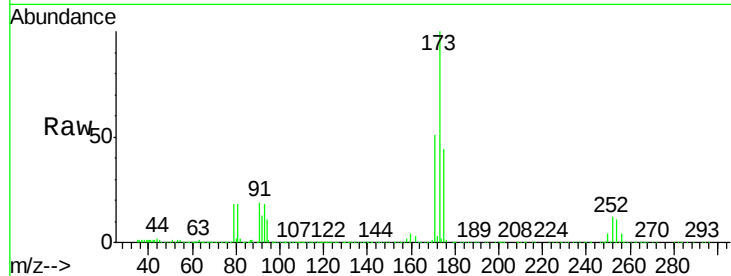
ClientSampleId :

VX0205WBS02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.6	73.6
254	0.4	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

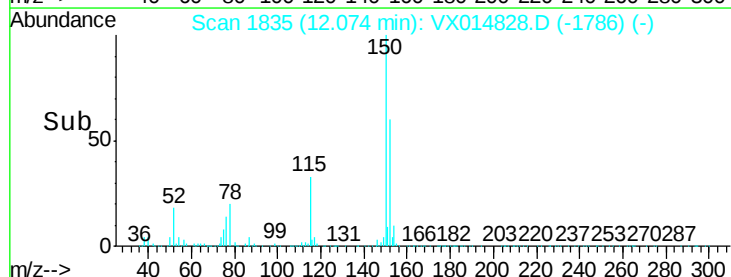
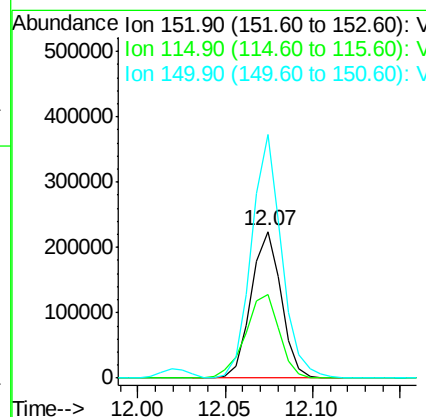
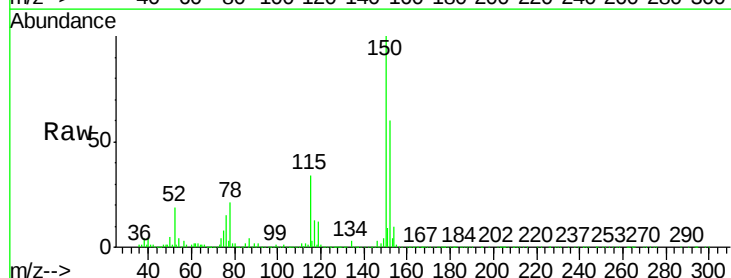
RT: 12.07 min Scan# 1835

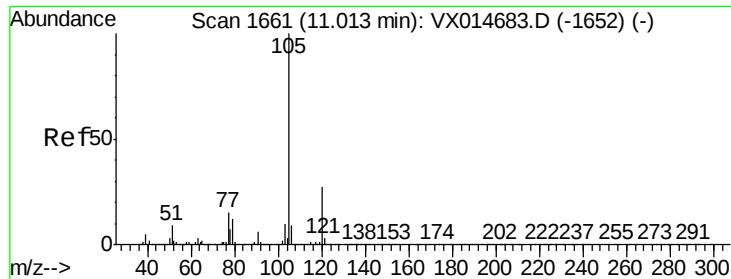
Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.3	39.4	118.1
150	165.5	0.0	351.2





#73

Isopropylbenzene

Concen: 19.917 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VX0205WBS02

Tot Ion:105 Resp: 377802

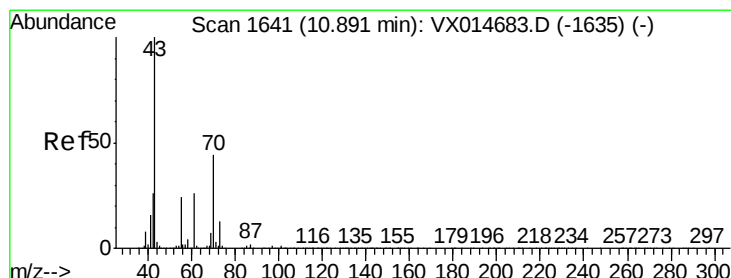
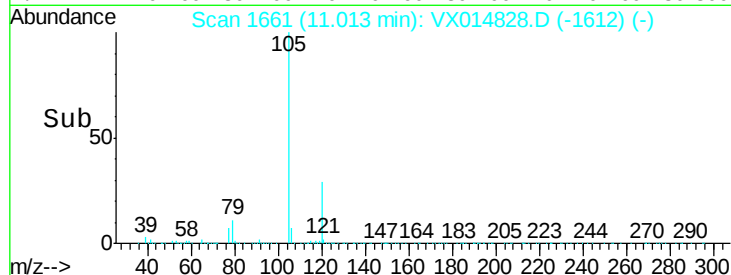
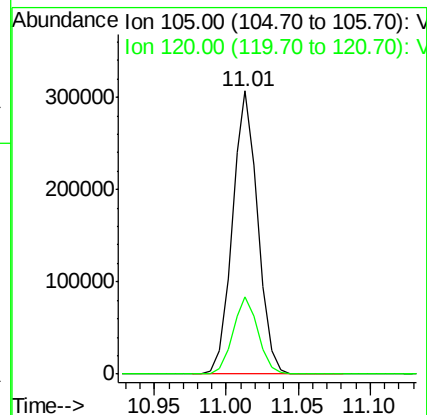
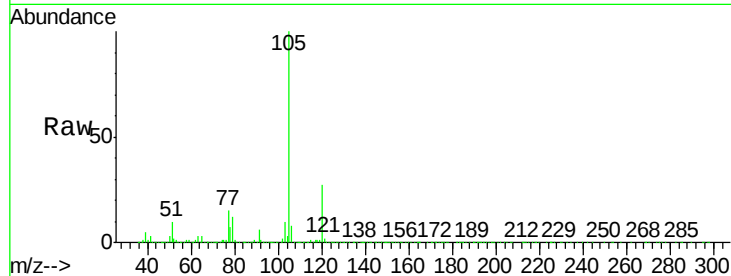
Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5

Manual Integrations
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2/6/2020 1:34:12 PM



#74

N-ethyl acetate

Concen: 19.490 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Tgt Ion: 43 Resp: 162005

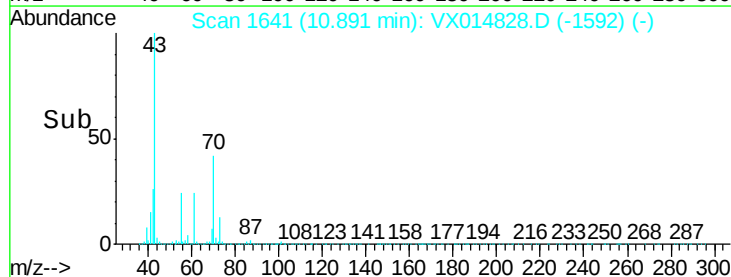
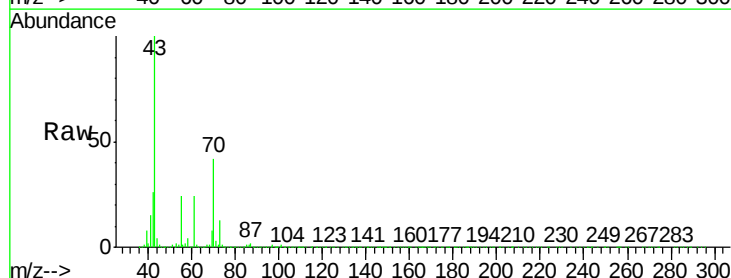
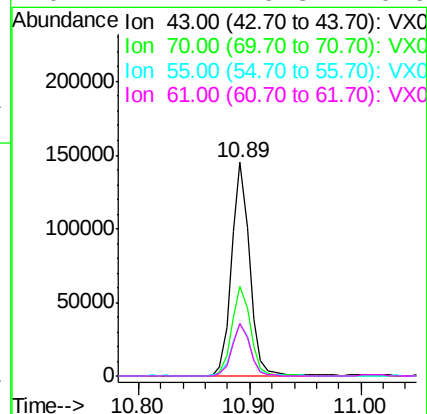
Ion Ratio Lower Upper

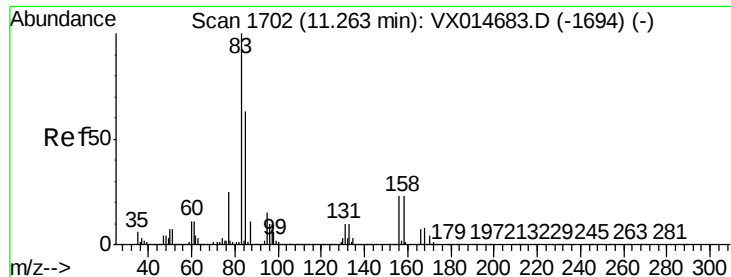
43 100

70 43.6 34.6 52.0

55 25.1 19.4 29.2

61 24.2 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.563 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

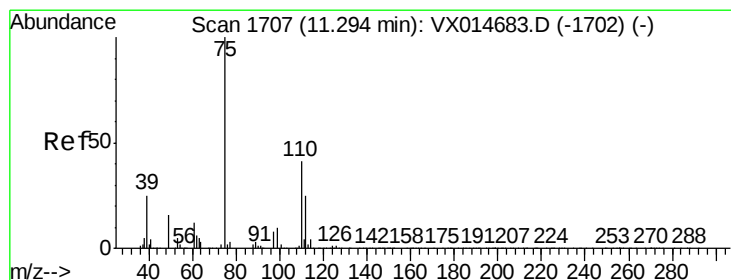
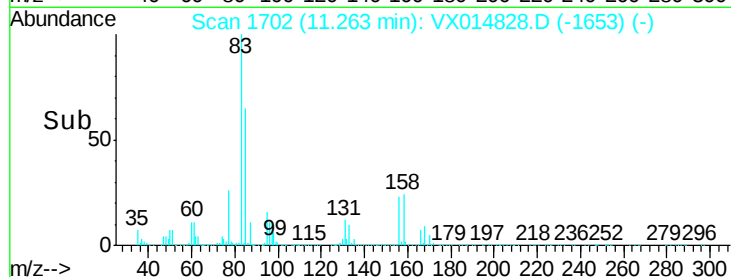
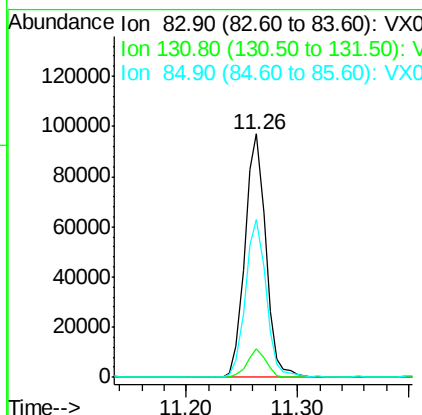
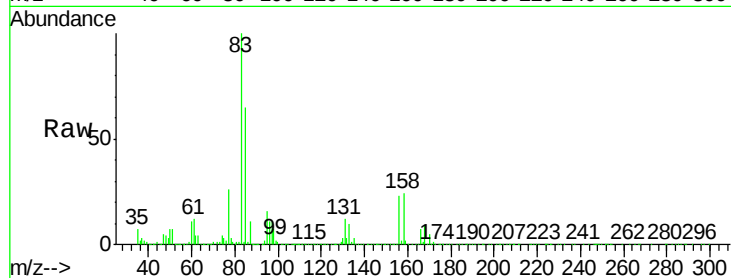
ClientSampleId :

VX0205WBS02

Tot Ion:	83	Resp:	125719
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	15.0
85	64.3	31.7	95.1

Manual Integrations
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2/6/2020 1:34:12 PM



#76

1,2,3-Trichloropropane

Concen: 16.862 ug/l m

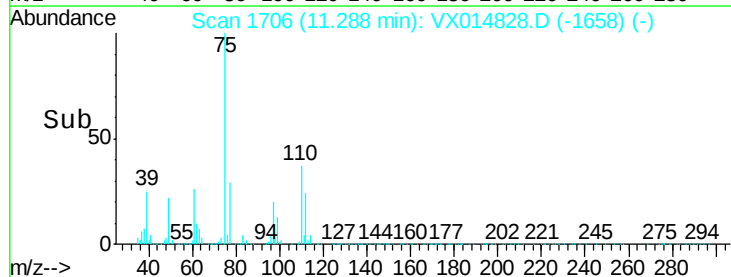
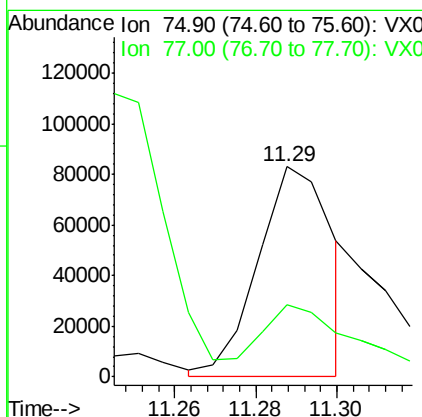
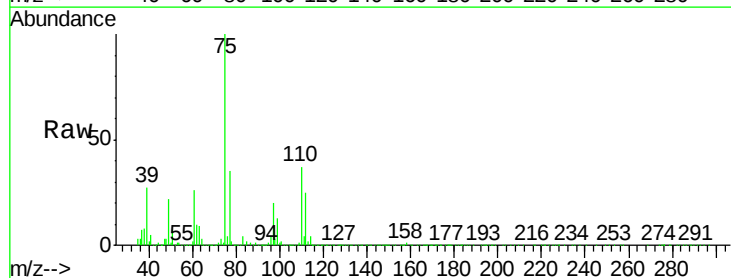
RT: 11.29 min Scan# 1706

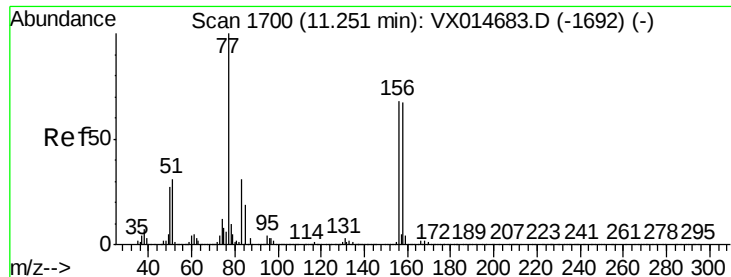
Delta R.T. -0.01 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Tgt Ion:	75	Resp:	105834
Ion Ratio	Lower	Upper	
75	100		
77	44.6	18.7	56.1





#77

Bromobenzene

Concen: 19.590 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014828.D

Acq: 05 Feb 2020 17:27

Instrument :

MSVOA_X

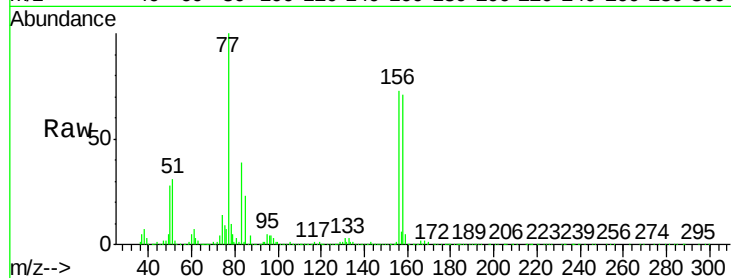
ClientSampleId :

VX0205WBS02

Tot Ion:	156	Resp:	99826
Ion Ratio	Lower	Upper	
156	100		
77	147.1	77.5	232.5
158	99.3	49.1	147.3

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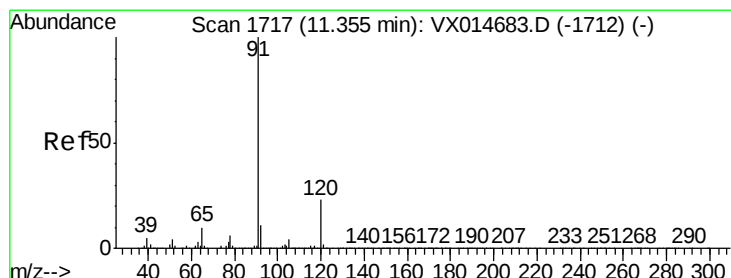
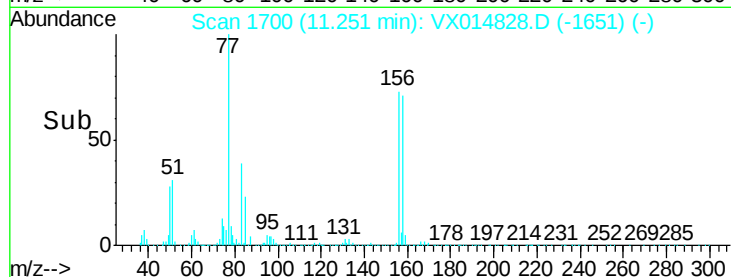
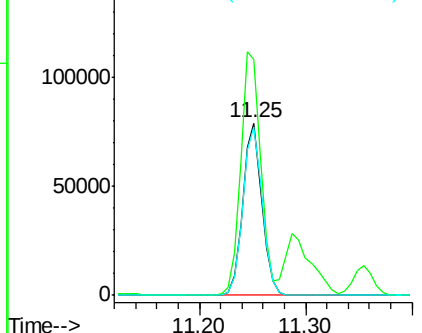
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.459 ug/l

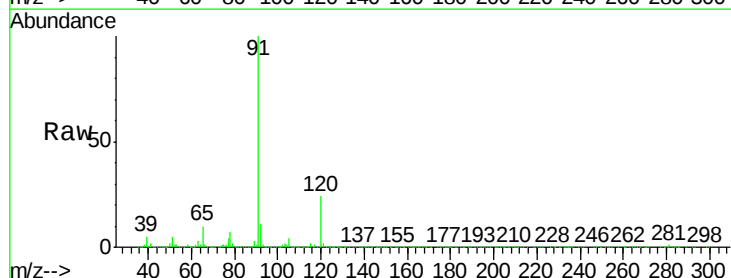
RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014828.D

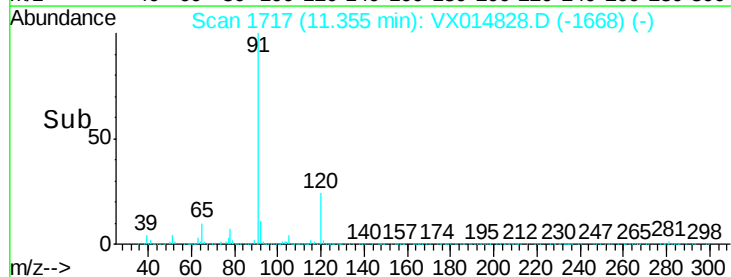
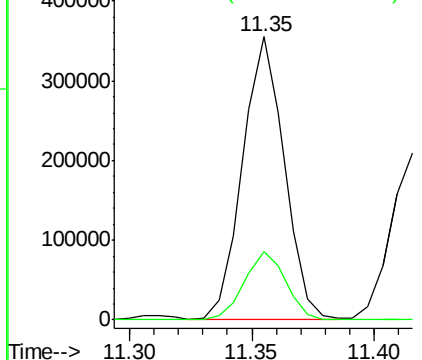
Acq: 05 Feb 2020 17:27

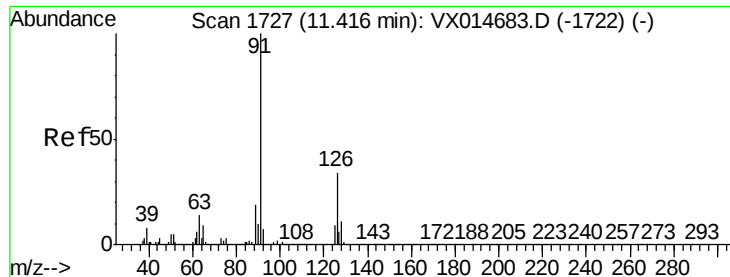
Tgt Ion:	91	Resp:	418965
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.7	35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





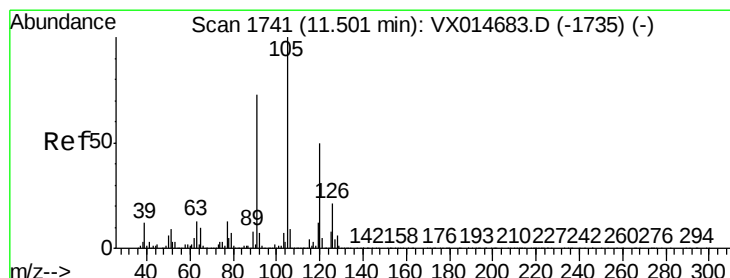
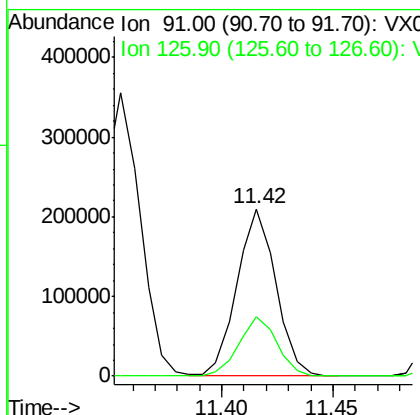
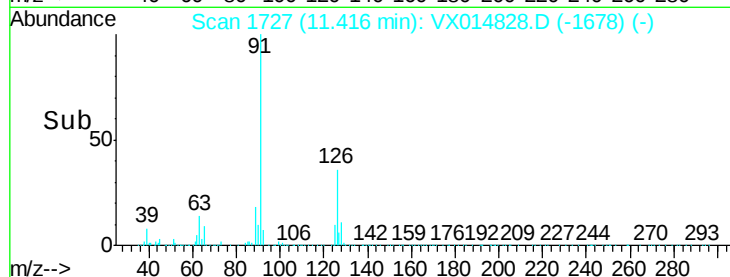
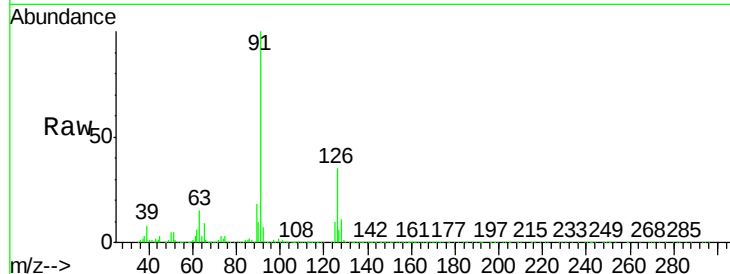
#79
 2-Chlorotoluene
 Concen: 19.495 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Tot Ion: 91 Resp: 253973
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.3 51.9

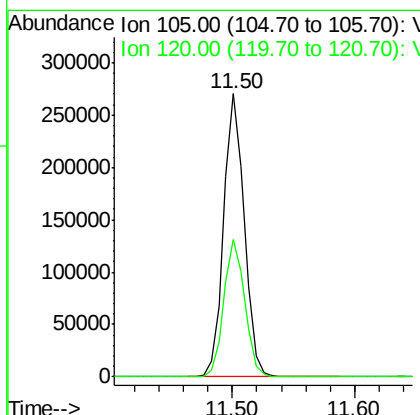
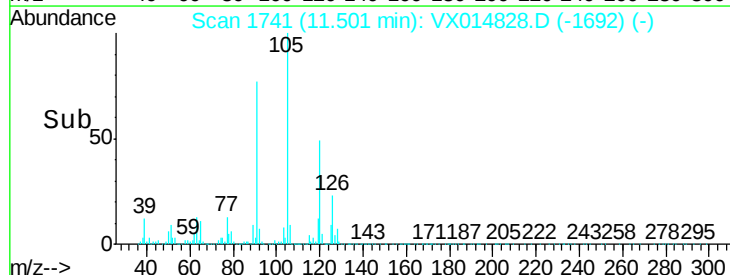
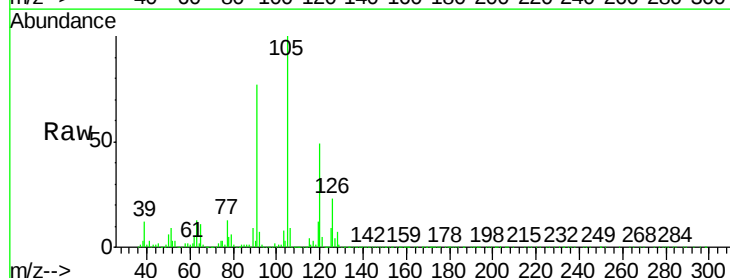
Manual Integrations
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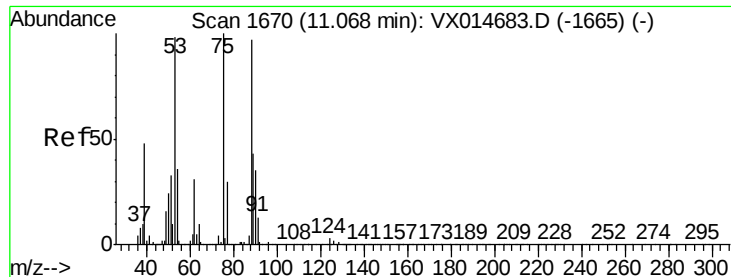
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.003 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Tgt Ion: 105 Resp: 314908
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.9 74.6





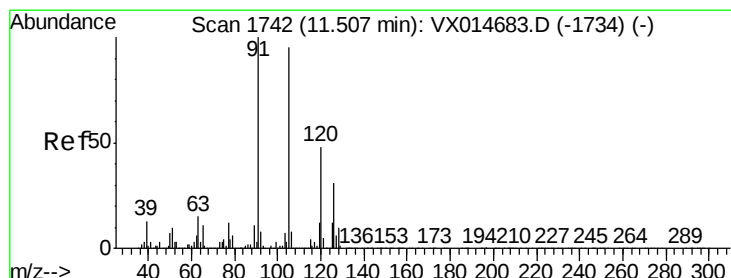
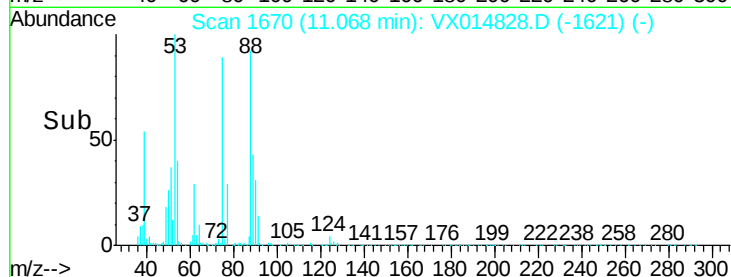
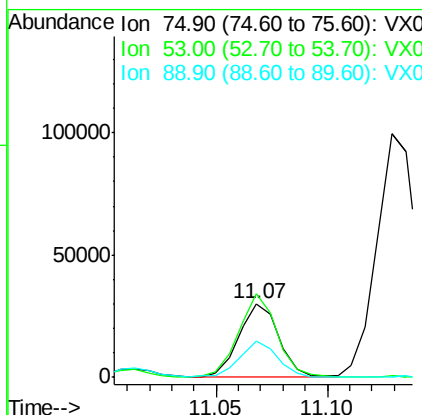
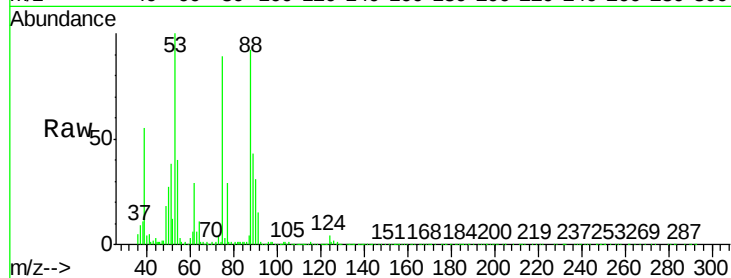
#81
trans-1,4-Dichloro-2-butene
Concen: 17.065 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	106.7	78.8	118.2
89	48.3	35.4	53.0

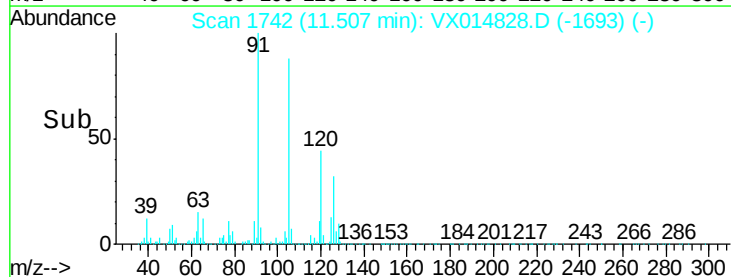
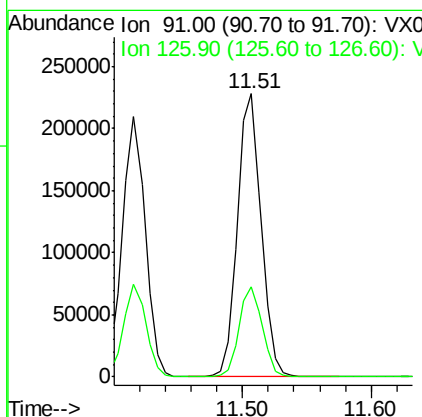
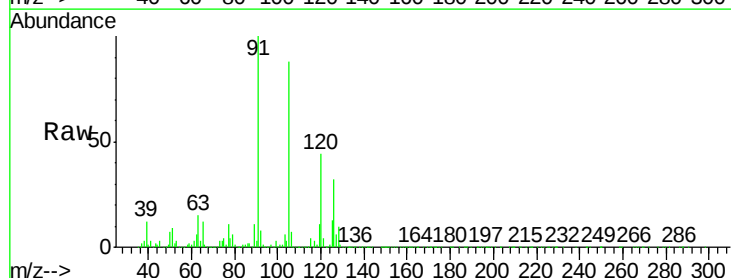
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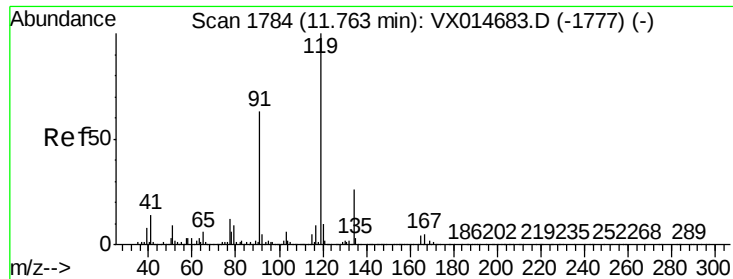
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#82
4-Chlorotoluene
Concen: 19.650 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4





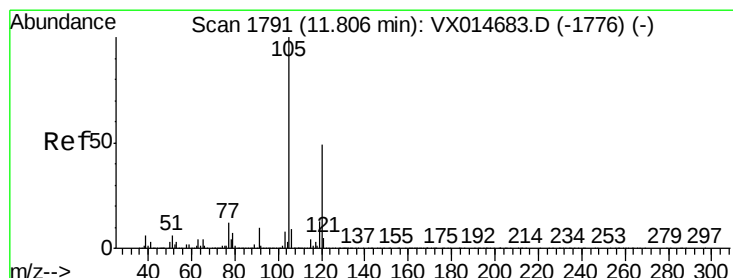
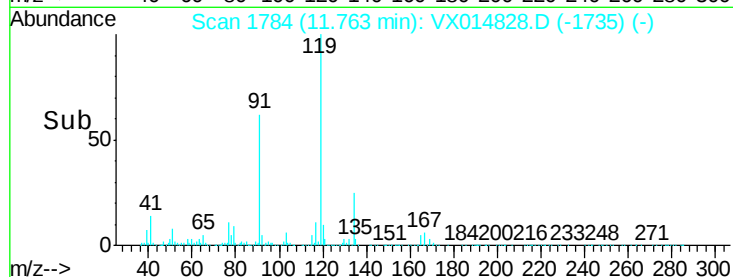
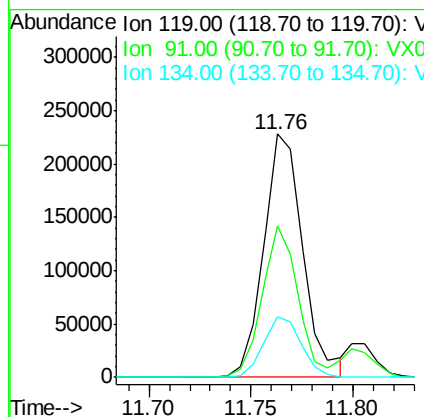
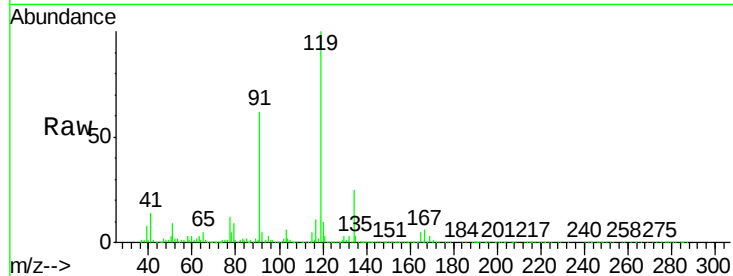
#83
tert-Butylbenzene
Concen: 20.687 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	306032		
91	56.3	30.0	90.0	
134	24.1	12.7	38.0	

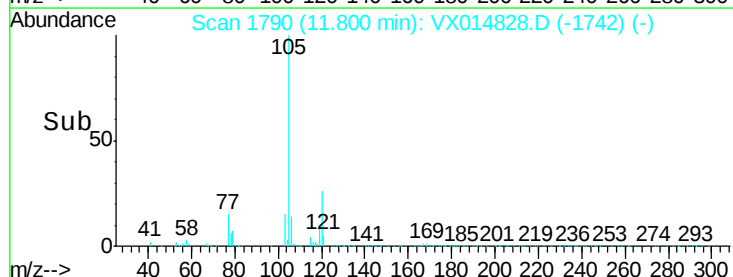
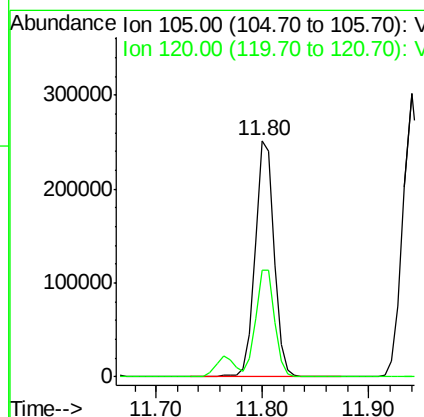
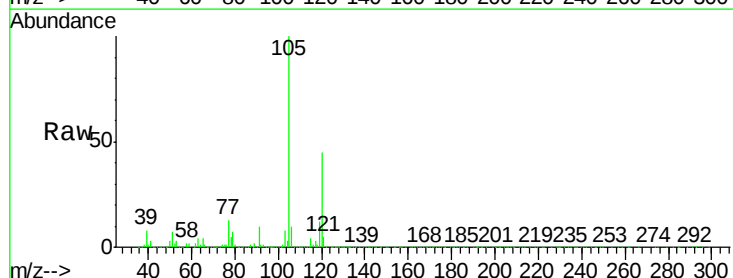
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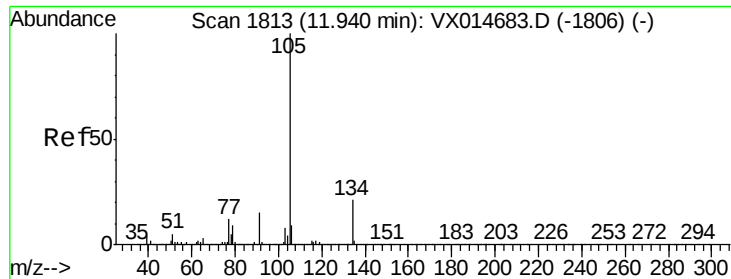
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.981 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	315515		
120	44.8	23.4	70.0	





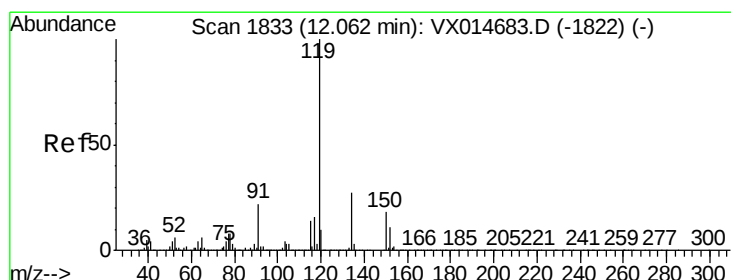
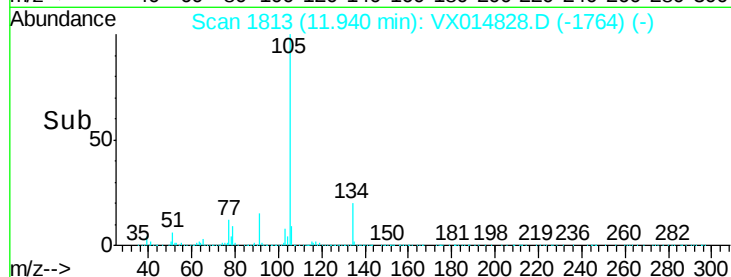
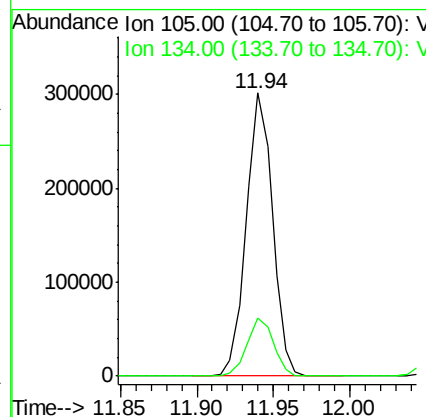
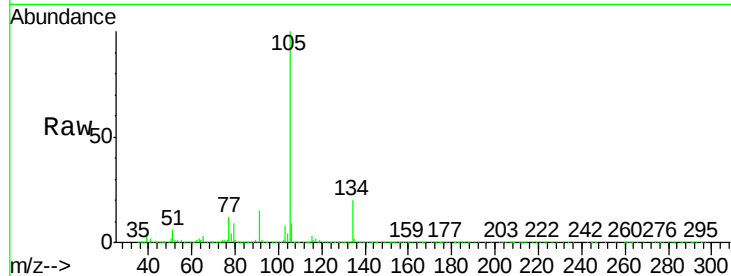
#85
 sec-Butylbenzene
 Concen: 19.841 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	359581		
134	20.6	10.3	30.8	

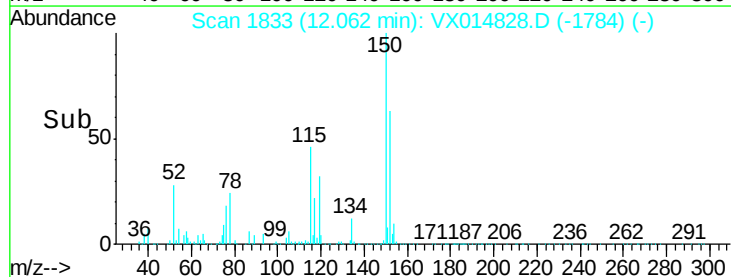
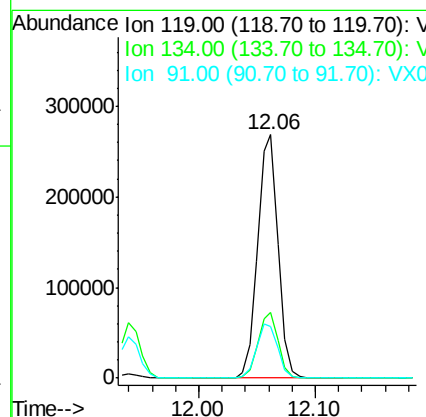
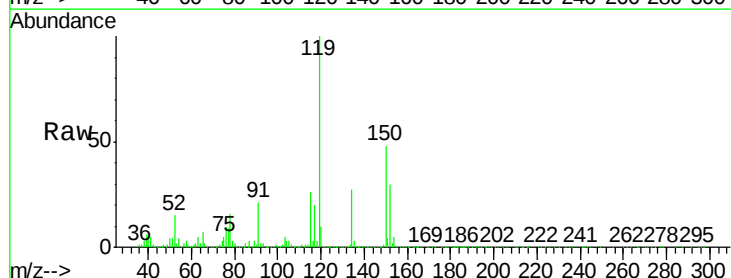
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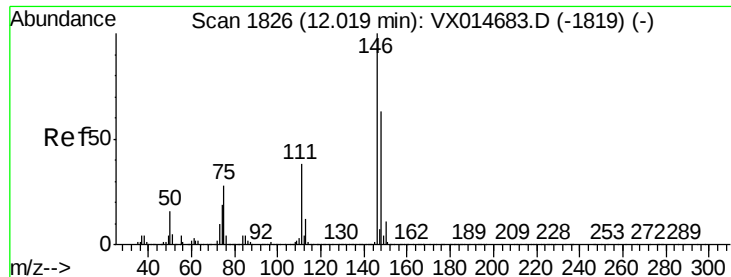
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#86
 p-Isopropyltoluene
 Concen: 19.484 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	326329		
134	26.7	13.5	40.4	
91	23.1	11.3	33.8	





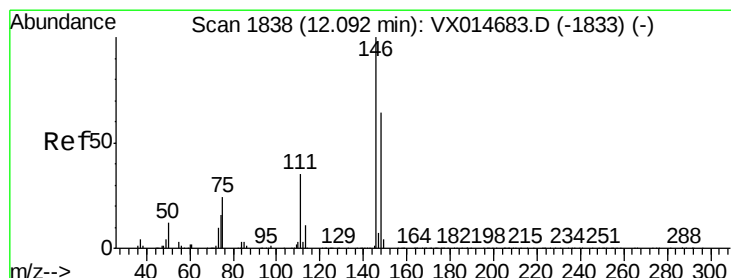
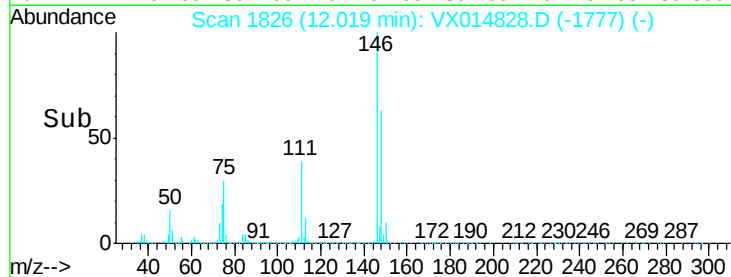
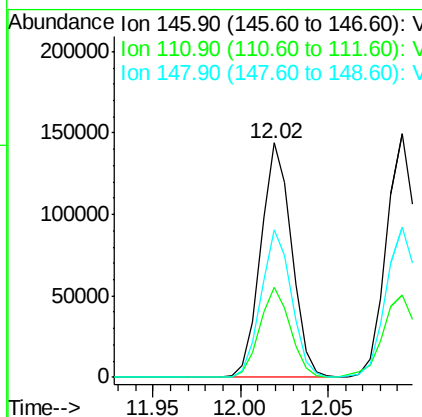
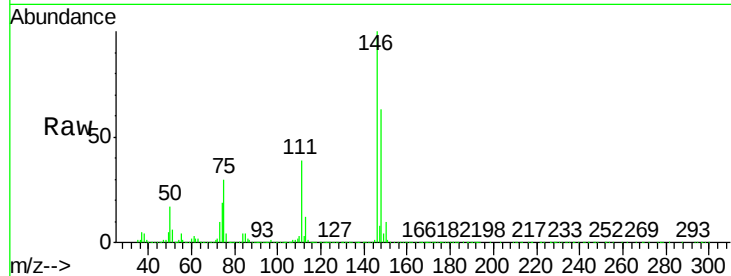
#87
 1,3-Dichlorobenzene
 Concen: 19.186 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.0	57.0
148	62.5	31.6	95.0

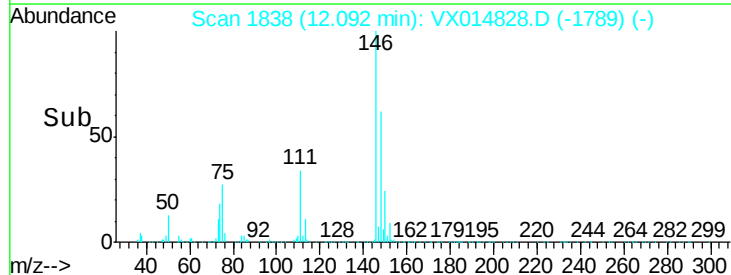
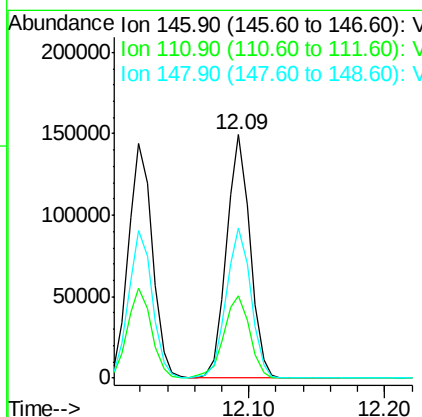
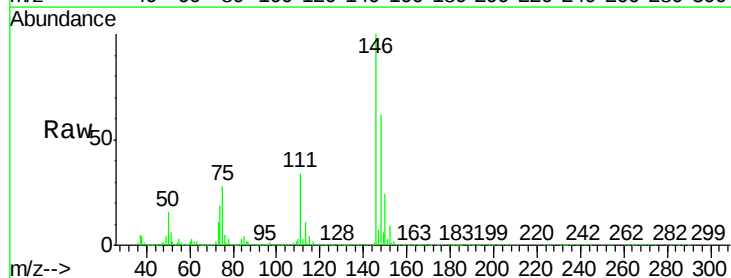
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#88
 1,4-Dichlorobenzene
 Concen: 19.432 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	64.8	32.0	96.2





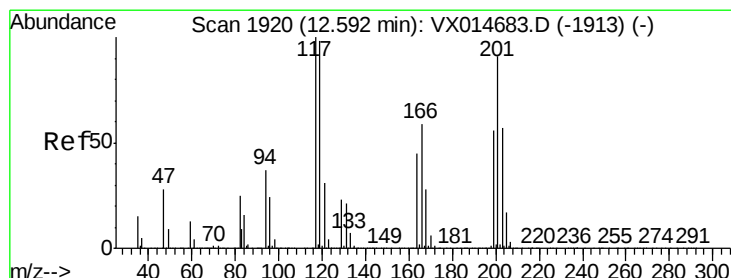
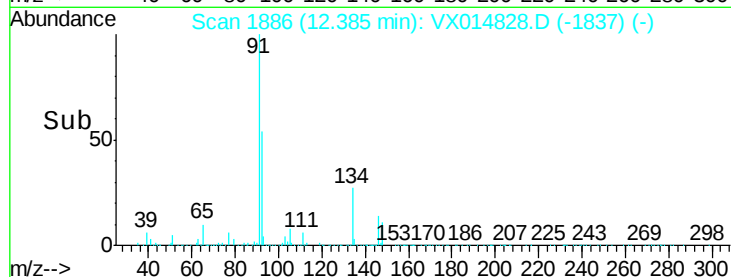
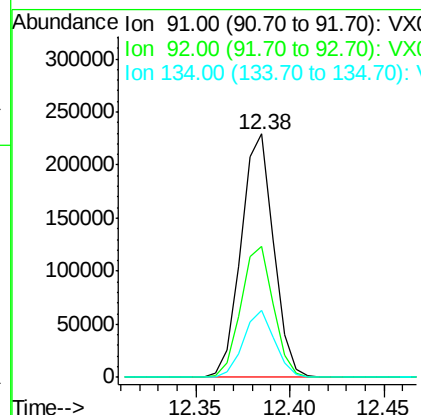
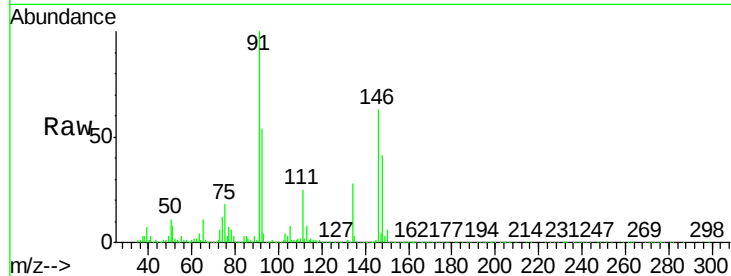
#89
n-Butylbenzene
Concen: 18.791 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	27.6	82.7
134	26.3	13.3	39.8

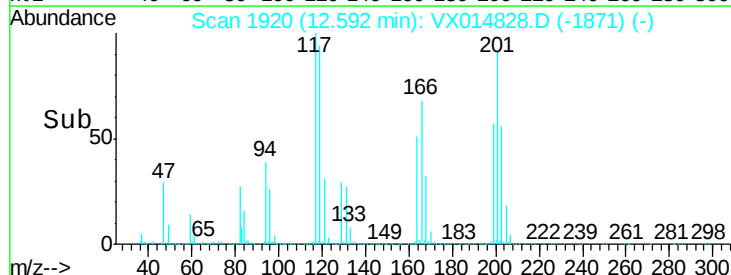
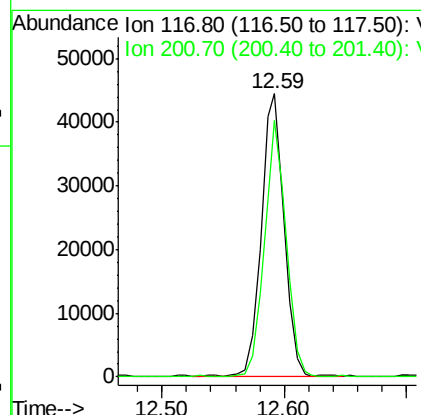
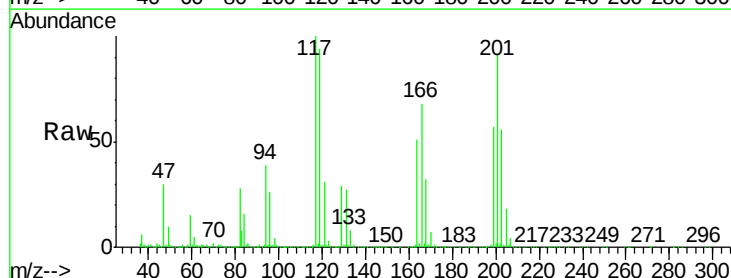
Manual Integrations
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2/6/2020 1:34:12 PM



#90
Hexachloroethane
Concen: 18.460 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	44.4	133.1





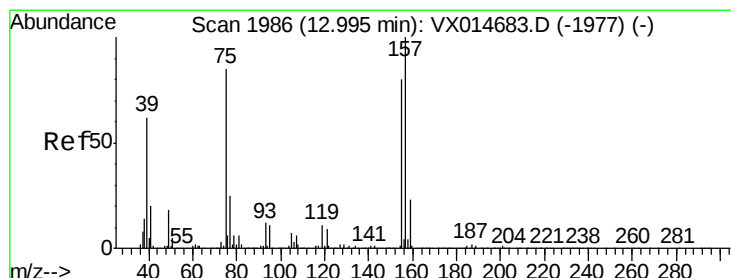
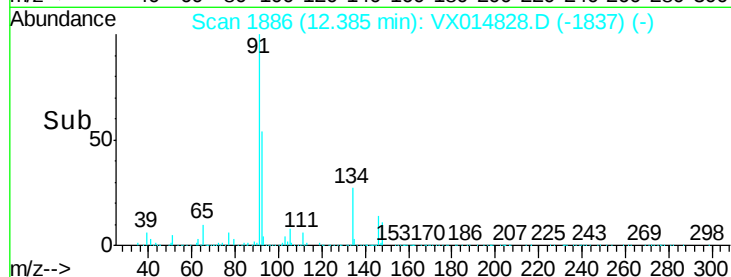
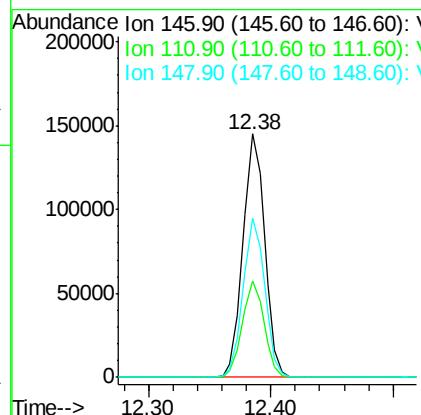
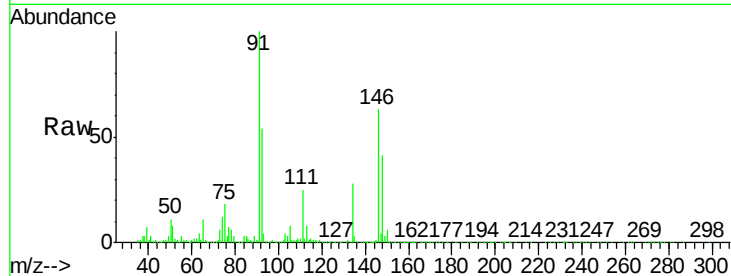
#91
 1,2-Dichlorobenzene
 Concen: 19.512 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.6	58.8
148	65.0	31.9	95.9

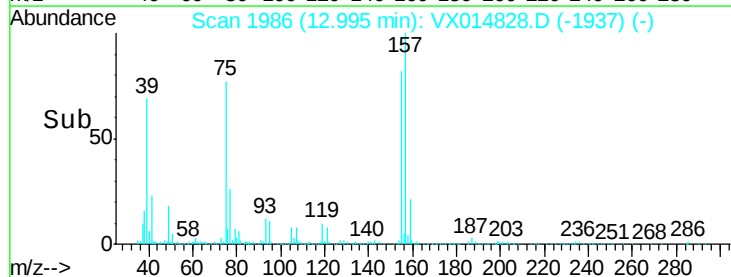
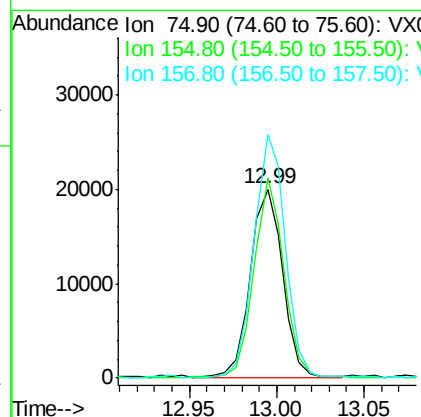
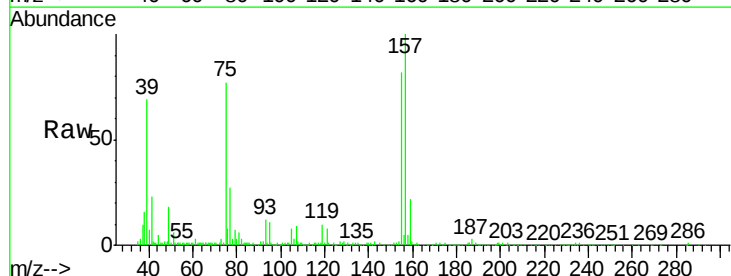
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.628 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	45.6	136.9
157	127.7	60.3	180.9





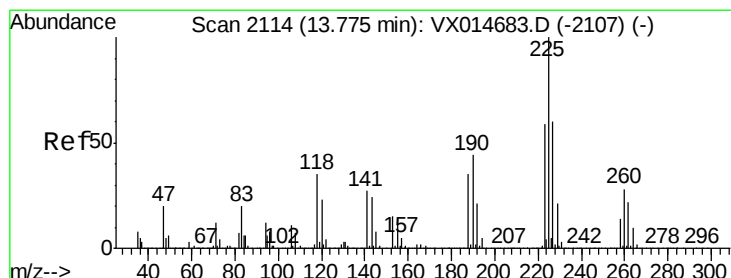
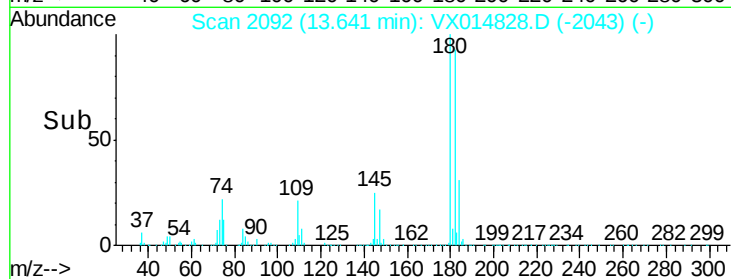
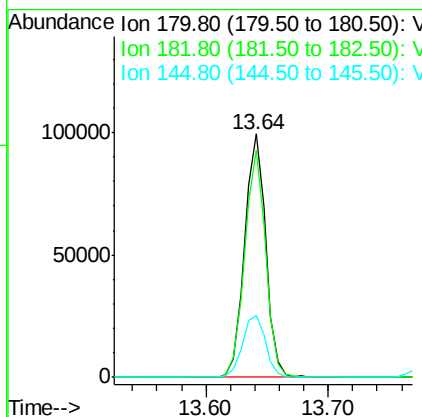
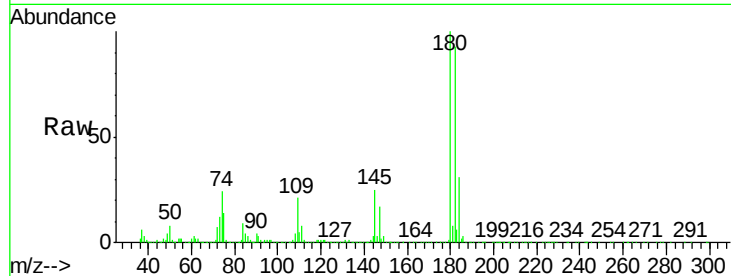
#93
 1,2,4-Trichlorobenzene
 Concen: 20.268 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0205WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	118855		
182	92.7	48.5	145.6	
145	27.5	14.0	41.9	

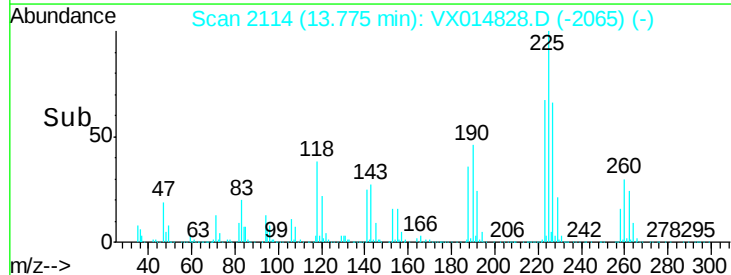
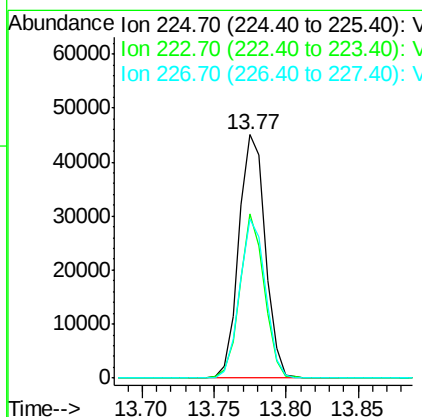
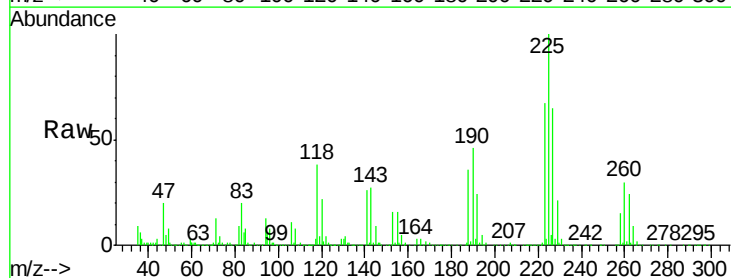
Manual Integrations
 APPROVED

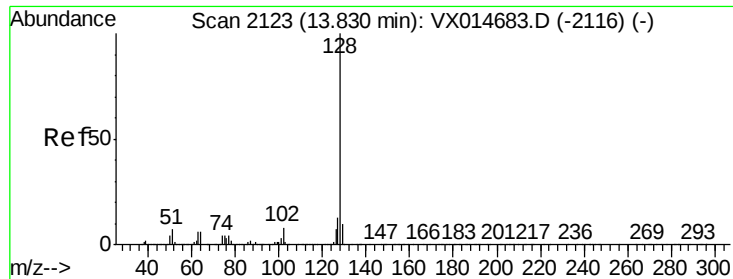
MMDadoda
 2/6/2020 1:34:12 PM



#94
 Hexachlorobutadiene
 Concen: 19.073 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014828.D
 Acq: 05 Feb 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57566		
223	62.3	30.6	91.8	
227	64.1	31.4	94.0	





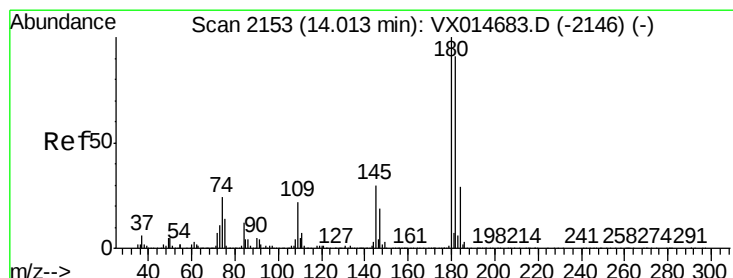
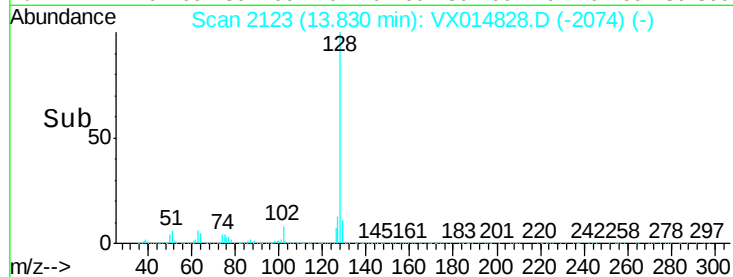
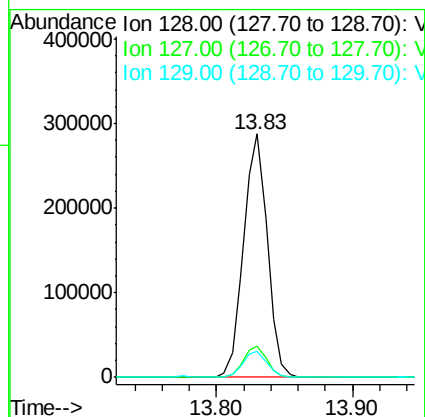
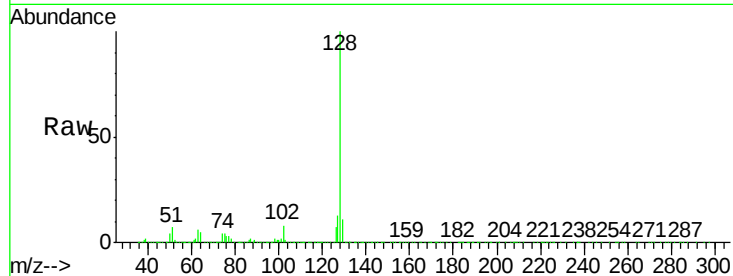
#95
Naphthalene
Concen: 19.071 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VX0205WBS02

Tot Ion:	128	Resp:	349534
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	10.8	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
2/6/2020 1:34:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.365 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014828.D
Acq: 05 Feb 2020 17:27

Tgt Ion:	180	Resp:	120754
Ion Ratio	Lower	Upper	
180	100		
182	94.8	46.6	139.7
145	28.6	14.7	44.1

