

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
 Data File : VX003001.D
 Acq On : 28 Jun 2018 22:19
 Operator : JC/MD
 Sample : VX0628WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0628WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 12:22:57 PM

Quant Time: Jun 29 05:55:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	50573	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	277007	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	254926	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	113942	29.50	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.33%
60) 4-Bromofluorobenzene	11.14	95	124965	29.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.93%
63) Toluene-d8	8.72	98	332089	29.82	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	48711	20.18	ug/l	97
3) Chloromethane	1.32	50	51341	19.59	ug/l	100
4) Vinyl Chloride	1.40	62	56968	19.51	ug/l #	84
5) Bromomethane	1.64	94	27317	16.01	ug/l	97
6) Chloroethane	1.73	64	36515	18.60	ug/l	99
7) Trichlorofluoromethane	1.93	101	96983	18.69	ug/l	100
8) Diethyl Ether	2.19	74	35983	19.45	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56377	18.98	ug/l	99
10) 1,1-Dichloroethene	2.37	96	49752	19.03	ug/l	94
11) Methyl Iodide	2.51	142	43029	14.29	ug/l	98
12) Methyl Acetate	2.78	43	96281	22.69	ug/l	97
13) Acrolein	2.30	56	15149	50.22	ug/l	98
14) Acrylonitrile	3.15	53	159632	100.03	ug/l	99
15) Acetone	2.45	58	42940	96.81	ug/l	95
16) Carbon Disulfide	2.57	76	128936	19.70	ug/l	99
17) Allyl chloride	2.73	41	96763	18.60	ug/l	99
18) Methylene Chloride	2.86	84	56730	18.96	ug/l	96
19) trans-1,2-Dichloroethene	3.17	96	53985	19.26	ug/l	94
20) Diisopropyl ether	3.88	45	198238	20.45	ug/l	98
21) 1,1-Dichloroethane	3.70	63	106481	20.43	ug/l	98
22) cis-1,2-Dichloroethene	4.60	96	64929	21.55	ug/l	80
23) tert-Butyl Alcohol	3.07	59	73294	101.16	ug/l #	100
24) Methyl tert-Butyl Ether	3.21	73	185395	18.99	ug/l	98
25) Chloroform	5.22	83	110595	21.14	ug/l	99
26) Cyclohexane	5.57	56	83155	18.78	ug/l #	95
29) 1,1-Dichloropropene	5.80	75	75679	20.23	ug/l	98
30) 2-Butanone	4.71	43	231532	108.16	ug/l	96
31) 2,2-Dichloropropane	4.59	77	64548	16.15	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	94683	20.95	ug/l	99
33) Carbon Tetrachloride	5.79	117	84246	20.74	ug/l	97
34) Benzene	6.15	78	228789	20.65	ug/l	99
35) Methacrylonitrile	5.07	41	51350	22.03	ug/l	98
36) 1,2-Dichloroethane	6.20	62	91401	21.01	ug/l	99
37) Trichloroethene	7.22	130	67332	20.75	ug/l	89
38) Methylcyclohexane	7.46	83	78635	17.28	ug/l	99
39) 1,2-Dichloropropane	7.52	63	60658	20.99	ug/l	100
40) Dibromomethane	7.66	93	42700	21.27	ug/l	97

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Quant Time: Jun 29 05:55:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	78683	20.86	ug/l	97
42) Vinyl Acetate	3.83	43	805068	99.17	ug/l	100
43) Ethyl Acetate	4.87	43	89586	21.88	ug/l	98
44) Isopropyl Acetate	6.47	43	142236	20.74	ug/l	98
45) 1,4-Dioxane	7.76	88	29656	441.31	ug/l #	85
46) Methyl methacrylate	7.78	41	74009	21.12	ug/l	98
47) n-amyl Acetate	10.90	43	123094	19.02	ug/l #	90
48) t-1,3-Dichloropropene	8.44	75	84453	19.07	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	78221	18.92	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	61477	20.76	ug/l	98
51) Ethyl methacrylate	9.18	69	90398	20.22	ug/l	95
52) 1,3-Dichloropropane	9.38	76	99663	20.60	ug/l	99
53) Dibromochloromethane	9.59	129	64023	20.36	ug/l	100
54) 1,2-Dibromoethane	9.68	107	64162	20.56	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	40517	19.08	ug/l	99
56) Bromoform	10.86	173	49665	19.79	ug/l	98
58) 4-Methyl-2-Pentanone	8.65	43	474724	109.68	ug/l	98
59) 2-Hexanone	9.50	43	363128	109.75	ug/l	99
61) Tetrachloroethene	9.34	164	73712	21.07	ug/l	98
62) Toluene	8.79	91	255856	20.82	ug/l	100
64) Chlorobenzene	10.14	112	169078	20.71	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	63874	21.34	ug/l	100
66) Ethyl Benzene	10.26	91	285042	20.60	ug/l	100
67) m/p-Xylenes	10.36	106	218202	40.57	ug/l	98
68) o-Xylene	10.70	106	105957	20.22	ug/l	98
69) Styrene	10.71	104	176762	20.22	ug/l	98
70) Isopropylbenzene	11.02	105	288908	20.00	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	94103	21.79	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	79756m	21.30	ug/l	
73) Bromobenzene	11.26	156	81238	20.22	ug/l	94
74) n-propylbenzene	11.37	91	316965	18.90	ug/l	98
75) 2-Chlorotoluene	11.43	91	199187	20.41	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	236347	19.27	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	19465	16.16	ug/l	82
78) 4-Chlorotoluene	11.51	91	228349	19.75	ug/l	98
79) tert-butylbenzene	12.07	119	243650	18.01	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	240418	19.19	ug/l	99
81) sec-Butylbenzene	11.95	105	273959	18.26	ug/l	100
82) p-Isopropyltoluene	12.07	119	243650	18.01	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	144891	19.60	ug/l	98
84) 1,4-Dichlorobenzene	12.10	146	147204	19.71	ug/l	99
85) n-Butylbenzene	12.39	91	200590	16.73	ug/l	99
86) Hexachloroethane	12.60	117	33376	16.27	ug/l	95
87) 1,2-Dichlorobenzene	12.40	146	147840	19.80	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	19611	20.33	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	100801	17.88	ug/l	99
90) Hexachlorobutadiene	13.79	225	50639	17.26	ug/l	98
91) Naphthalene	13.84	128	306025	20.48	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	105996	18.90	ug/l	100

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ClientSampleId :
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Manual Integrations
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

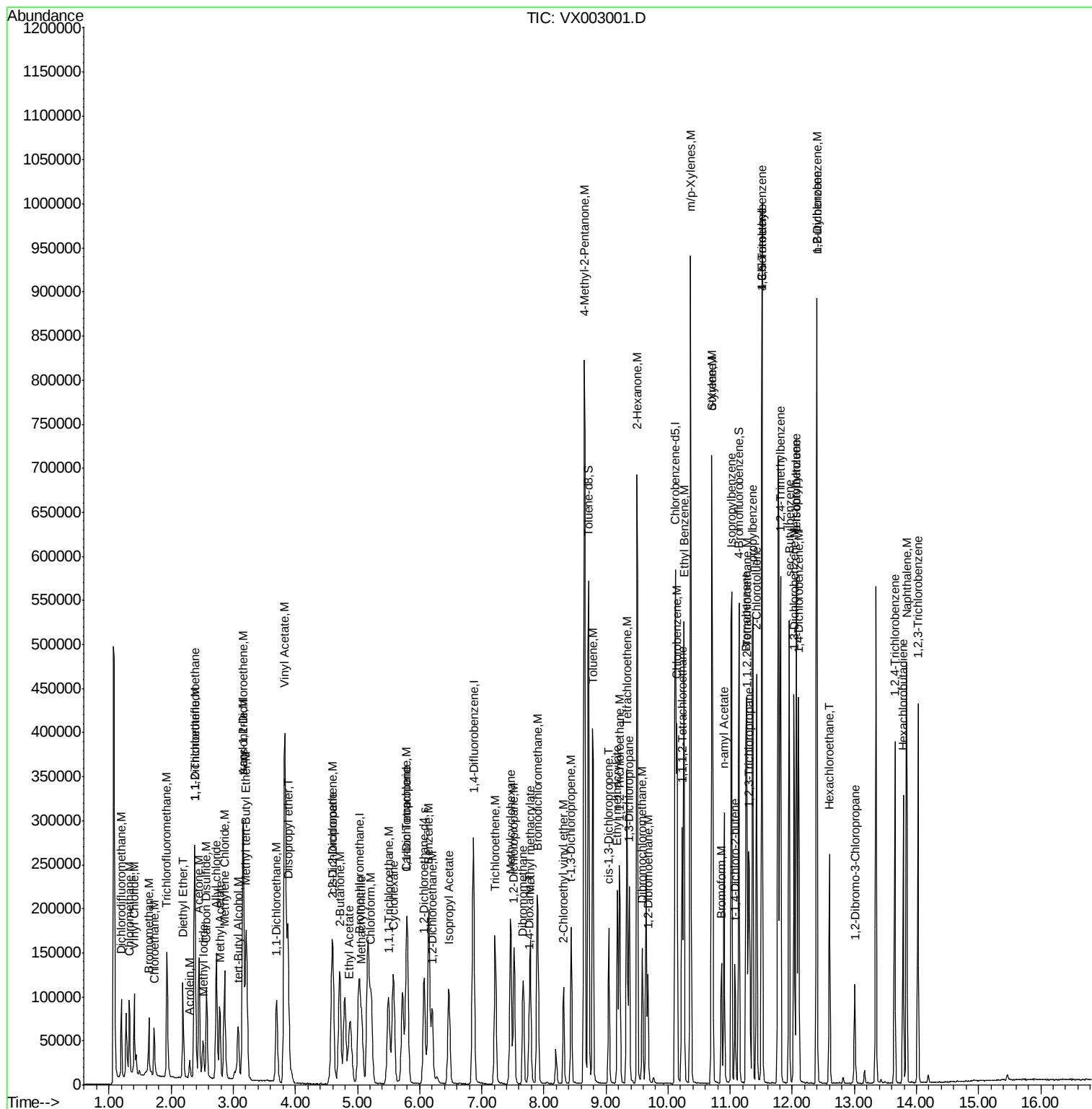
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062818\
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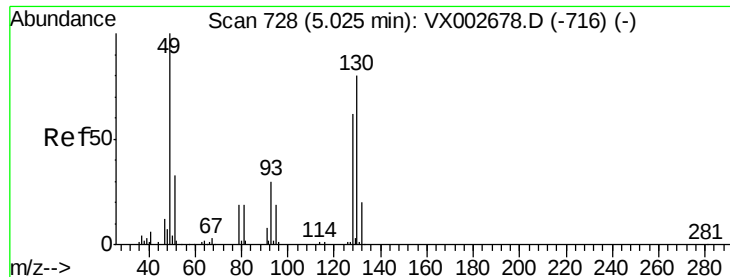
Instrument :
MSVOA_X
ClientSampleID :
VX0628WBS02

Manual Integrations
APPROVED

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6/29/2018 12:22:57 PM

Quant Time: Jun 29 05:55:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

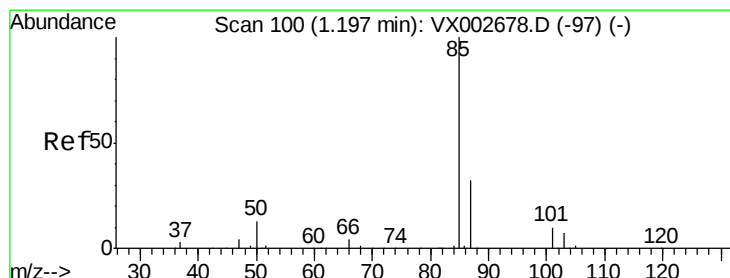
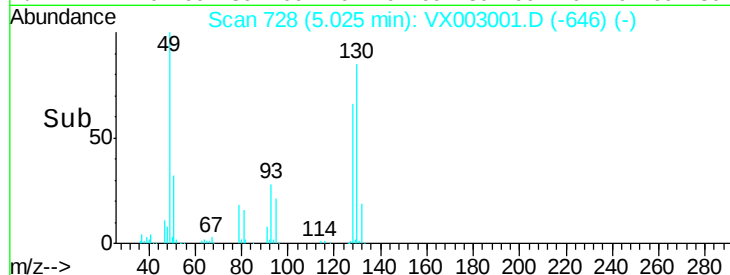
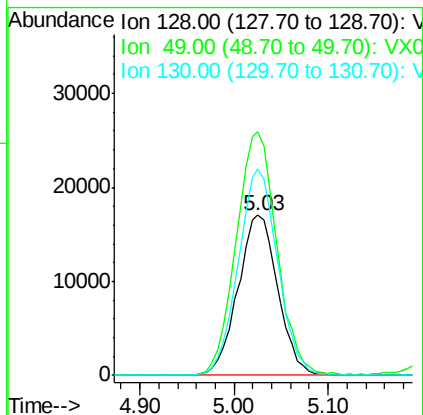
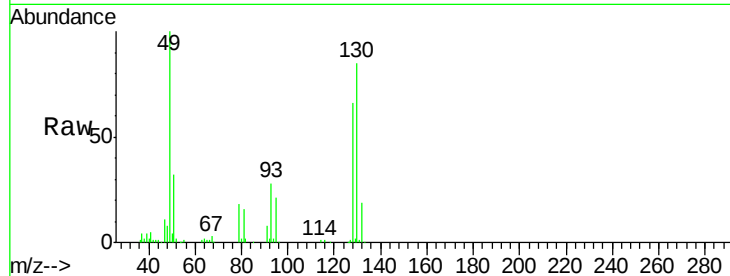
ClientSampleId :

VX0628WBS02

Tot Ion:	128	Resp:	50573
Ion	Ratio	Lower	Upper
128	100		
49	154.6	0.0	423.0
130	127.4	0.0	324.3

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 20.18 ug/l

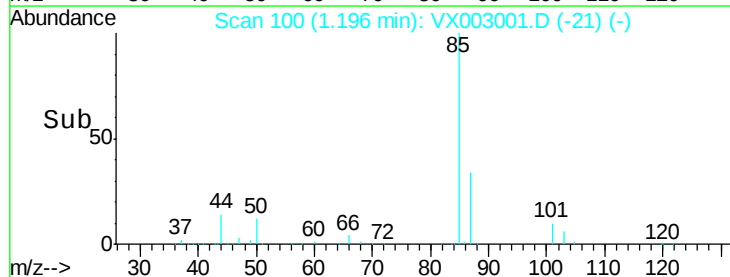
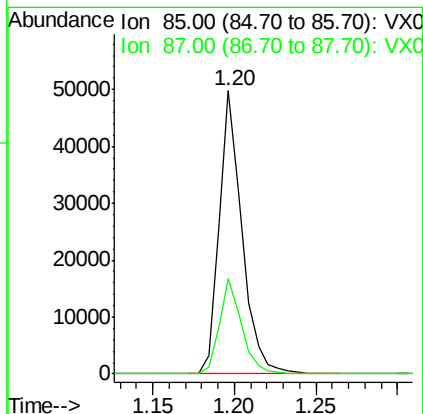
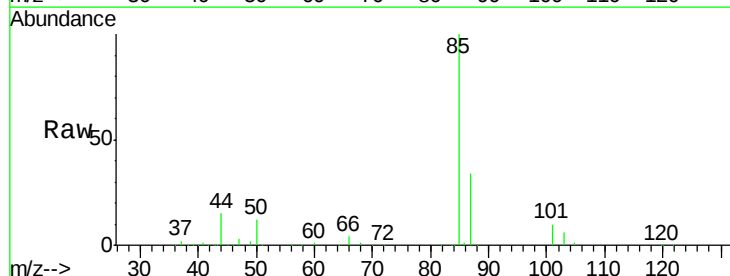
RT: 1.20 min Scan# 100

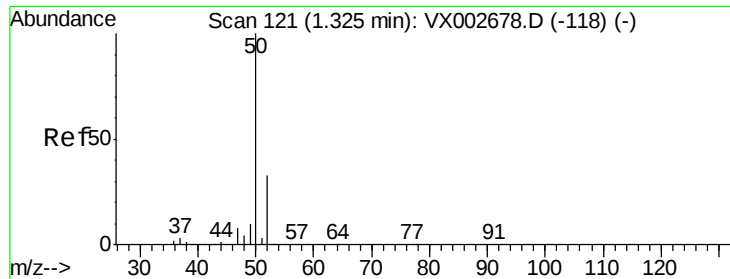
Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Tgt Ion:	85	Resp:	48711
Ion	Ratio	Lower	Upper
85	100		
87	33.8	16.2	48.5





#3

Chloromethane

Concen: 19.59 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS02

Tot Ion: 50 Resp: 51341

Ion Ratio Lower Upper

50 100

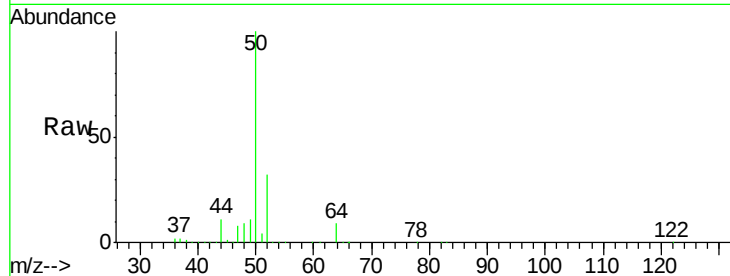
52 32.0 25.6 38.4

Manual Integrations

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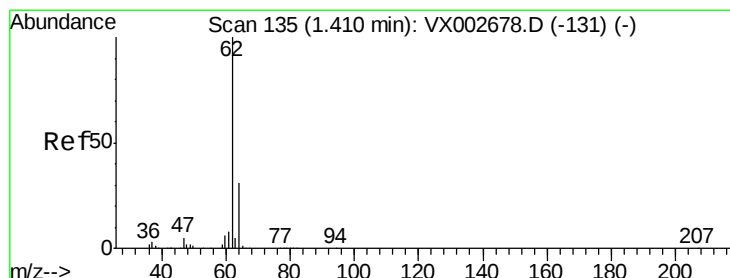
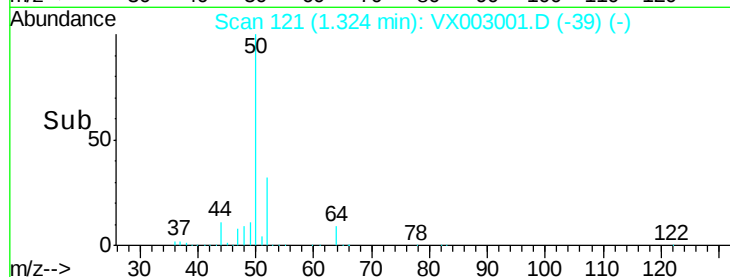
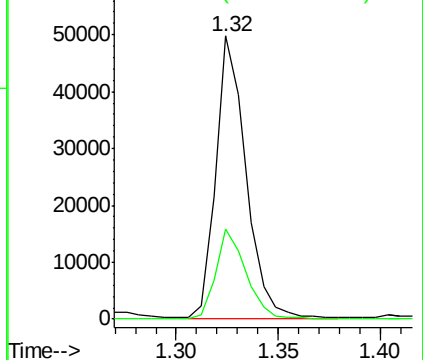
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 19.51 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX003001.D

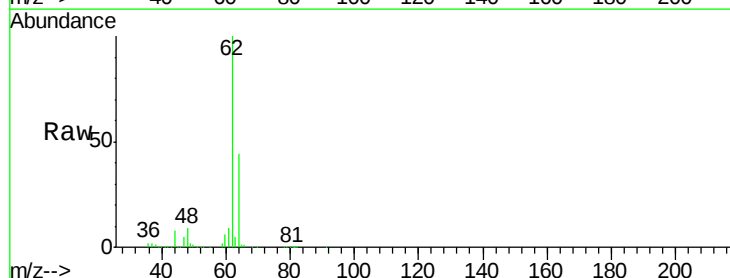
Acq: 28 Jun 2018 22:19

Tgt Ion: 62 Resp: 56968

Ion Ratio Lower Upper

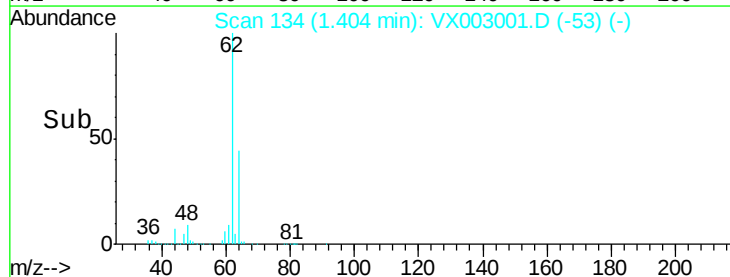
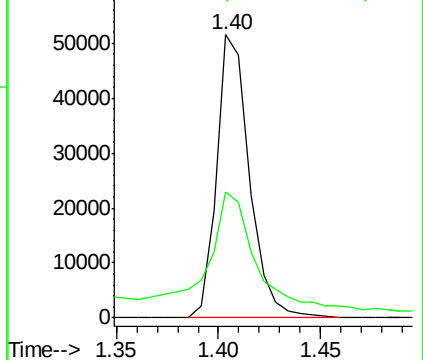
62 100

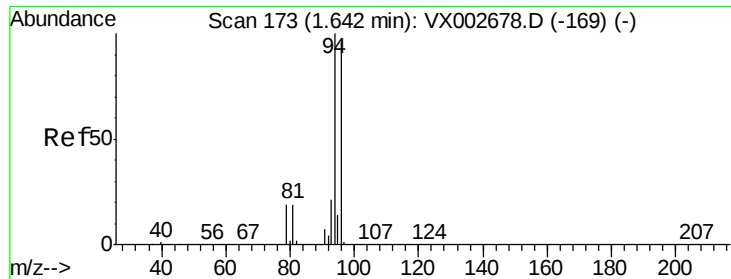
64 40.3 25.3 37.9#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 16.01 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 94 Resp: 27317

Ion Ratio Lower Upper

94 100

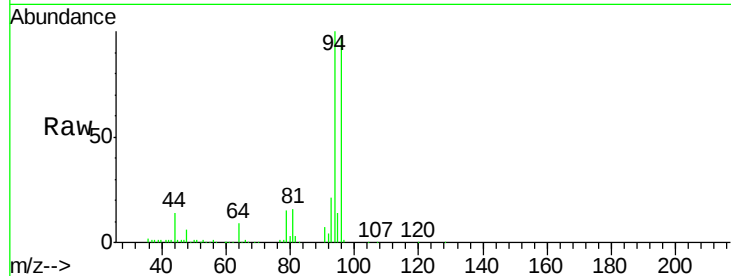
96 97.1 75.7 113.5

Manual Integrations

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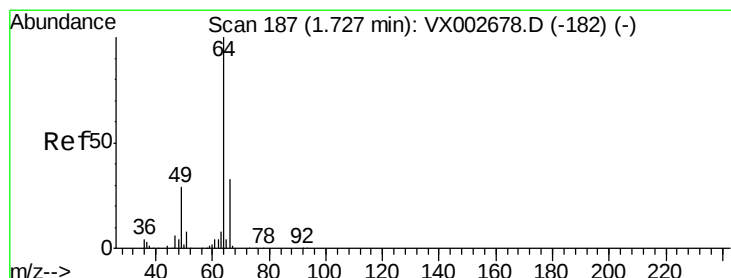
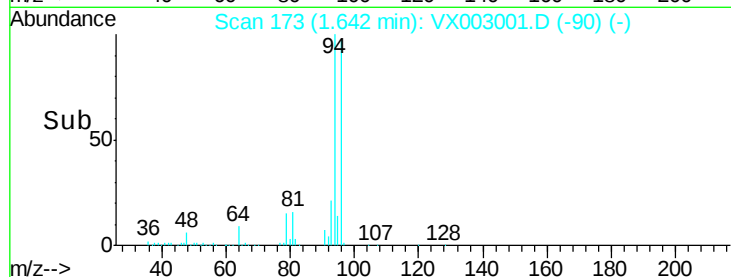
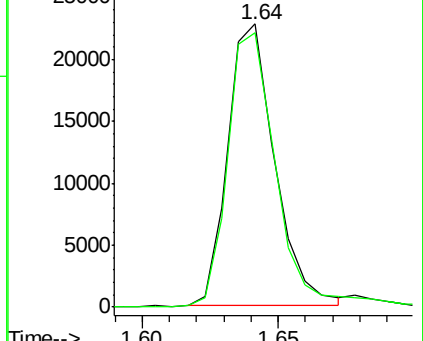
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.60 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.02 min

Lab File: VX003001.D

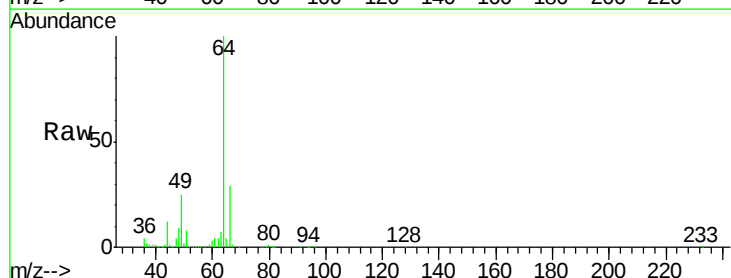
Acq: 28 Jun 2018 22:19

Tgt Ion: 64 Resp: 36515

Ion Ratio Lower Upper

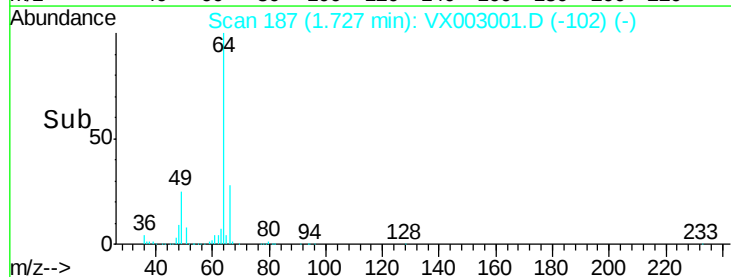
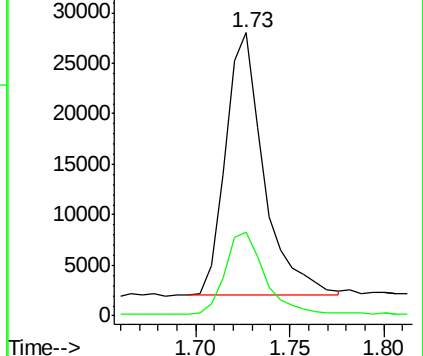
64 100

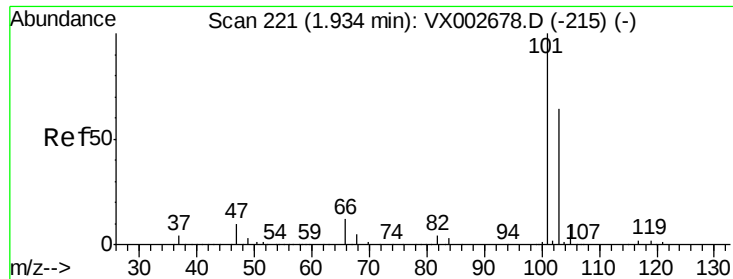
66 31.1 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

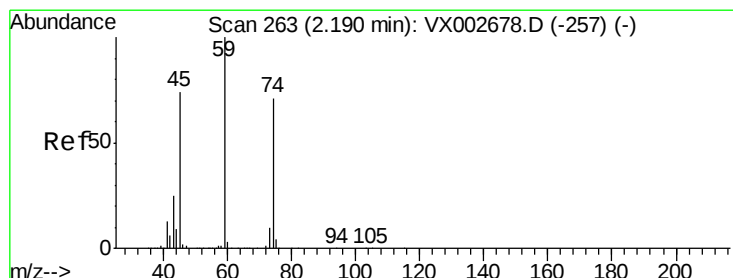
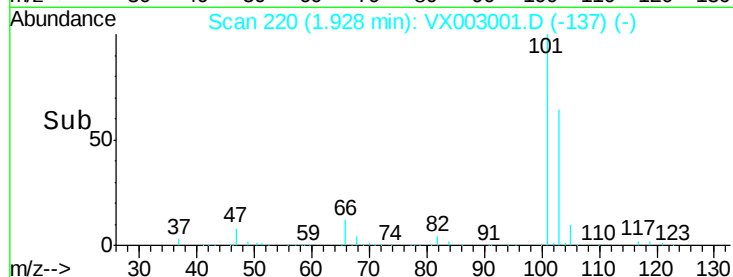
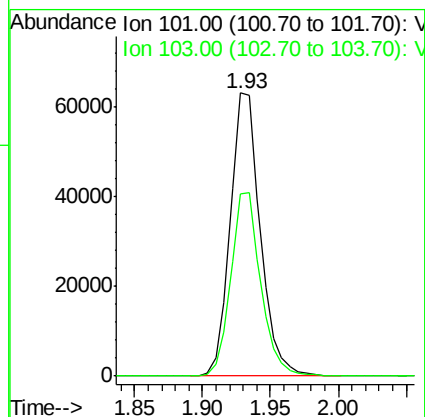
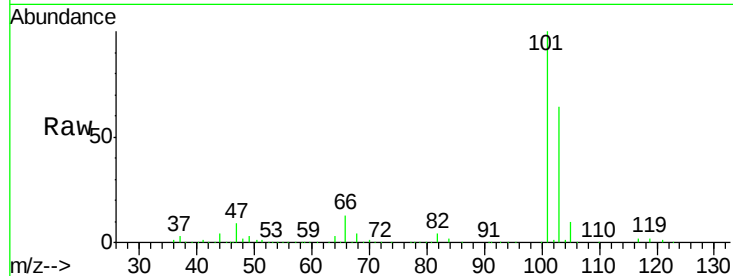
Trichlorofluoromethane
Concen: 18.69 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion:101 Resp: 96983
Ion Ratio Lower Upper
101 100
103 64.2 51.5 77.3

Manual Integrations
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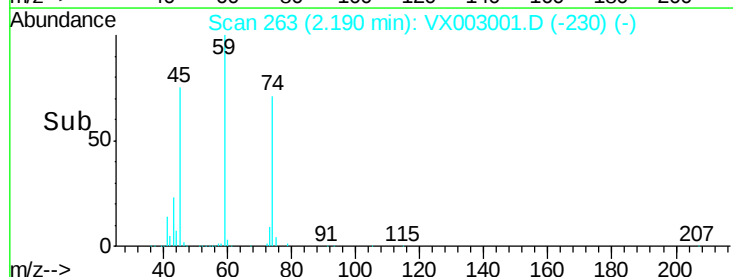
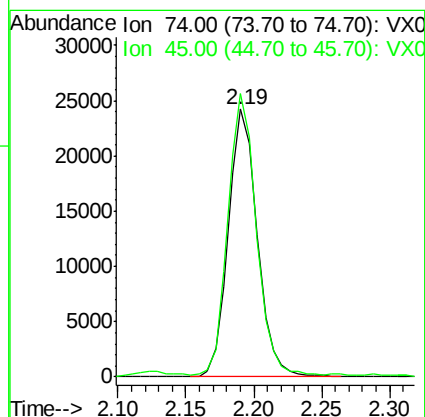
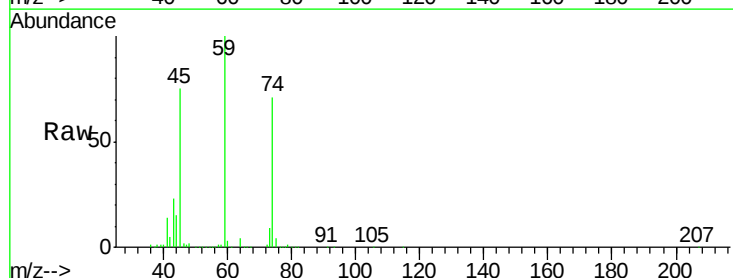
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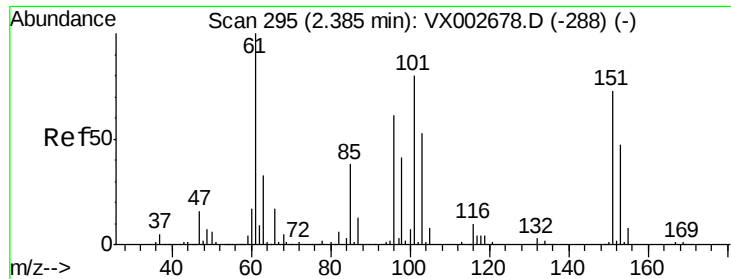


#8

Diethyl Ether
Concen: 19.45 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion: 74 Resp: 35983
Ion Ratio Lower Upper
74 100
45 103.3 20.5 184.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.98 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

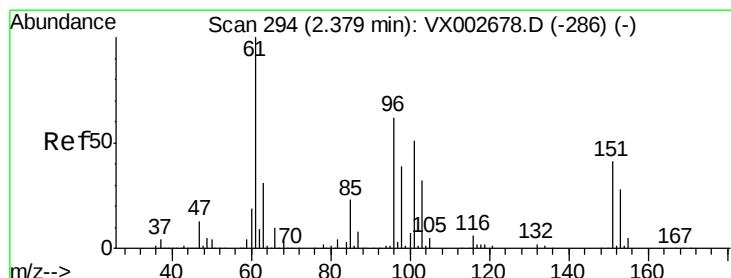
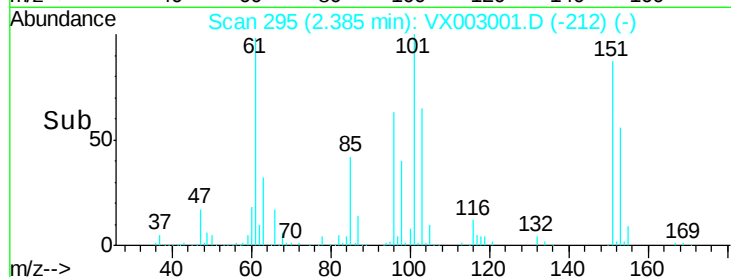
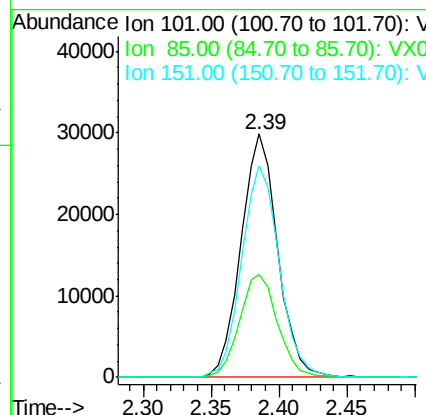
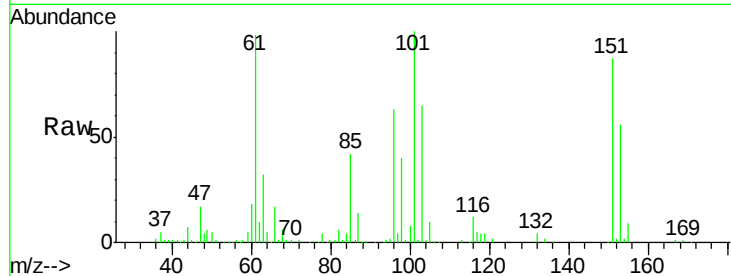
ClientSampleId :

VX0628WBS02

Tot Ion:	101	Resp:	56377
Ion Ratio	Lower	Upper	
101	100		
85	43.9	0.0	87.0
151	89.2	0.0	177.6

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#10

1,1-Dichloroethene

Concen: 19.03 ug/l

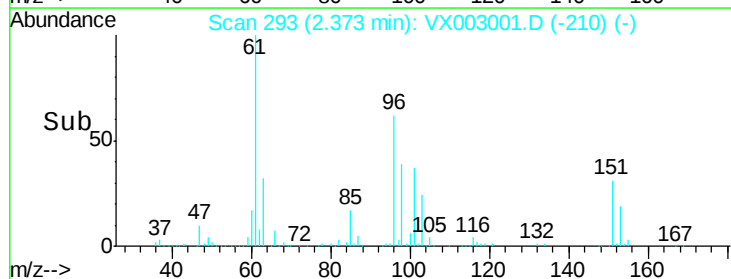
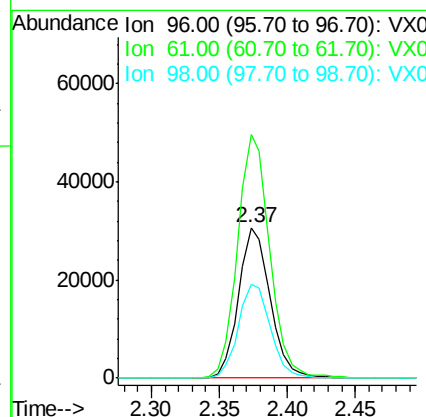
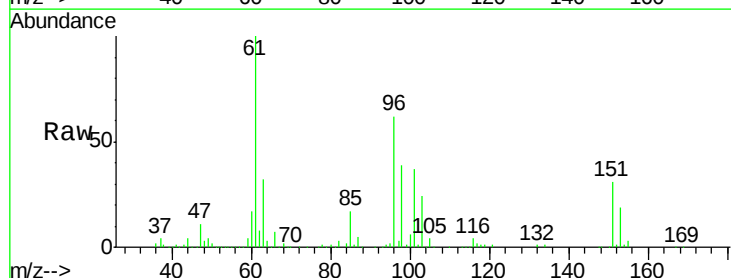
RT: 2.37 min Scan# 293

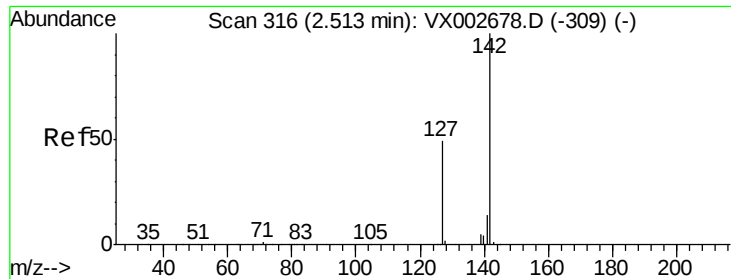
Delta R.T. 0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Tgt Ion:	96	Resp:	49752
Ion Ratio	Lower	Upper	
96	100		
61	161.9	137.5	206.3
98	62.7	51.4	77.2





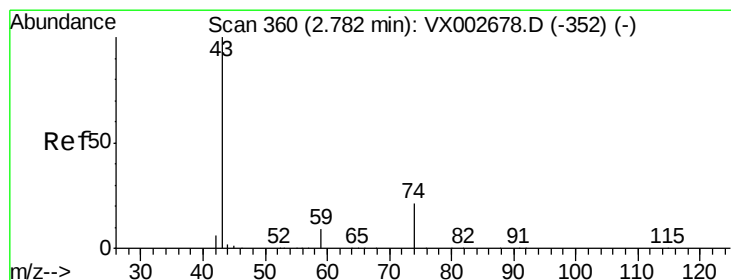
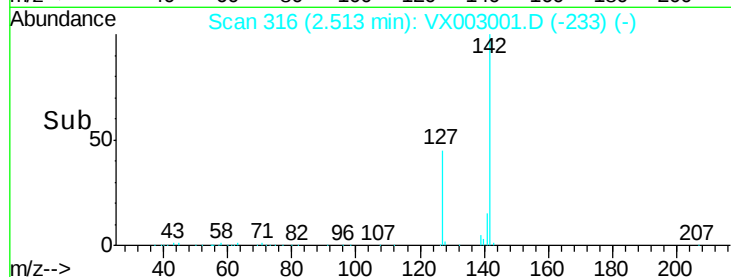
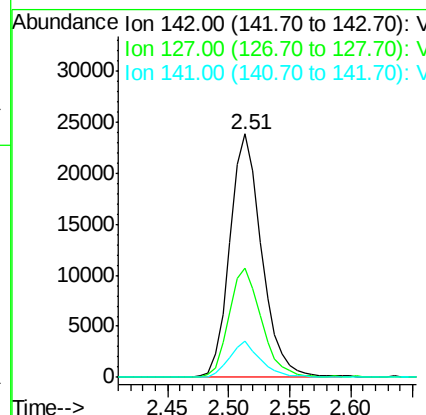
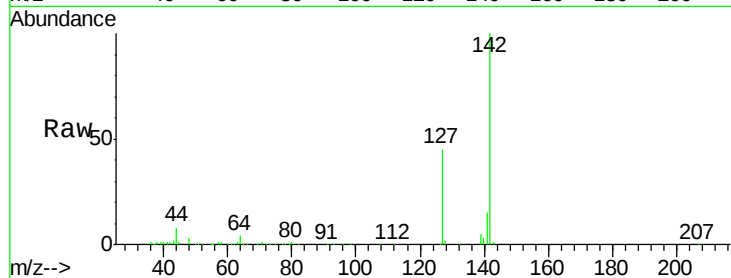
#11
Methyl Iodide
Concen: 14.29 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
142	100		
127	45.1	23.2	69.6
141	15.0	7.4	22.2

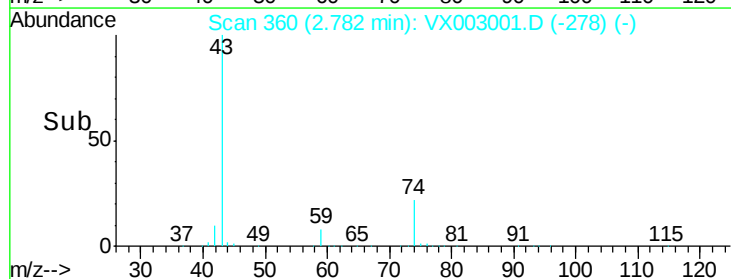
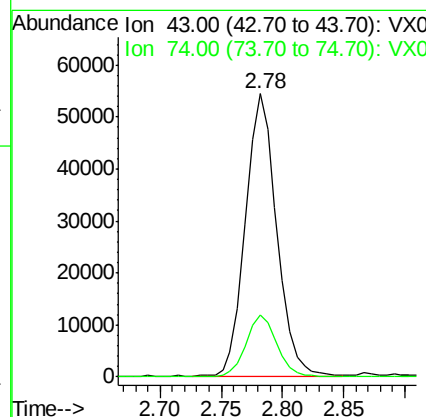
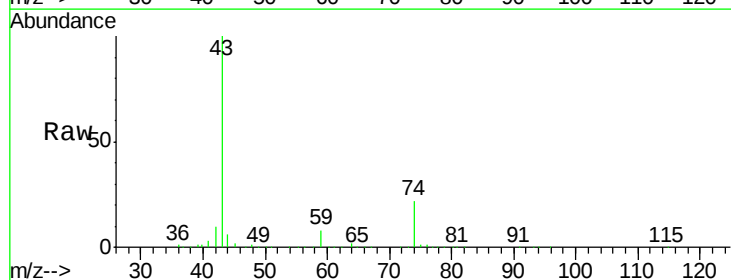
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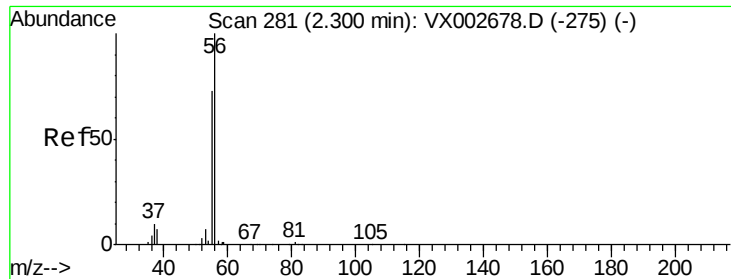
MMDadoda
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#12
Methyl Acetate
Concen: 22.69 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.7	16.4	24.6





#13

Acrolein

Concen: 50.22 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 56 Resp: 15149

Ion Ratio Lower Upper

56 100

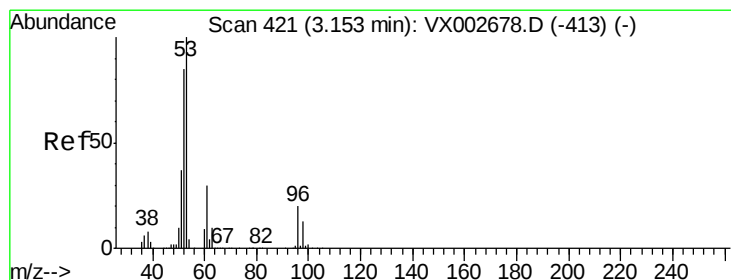
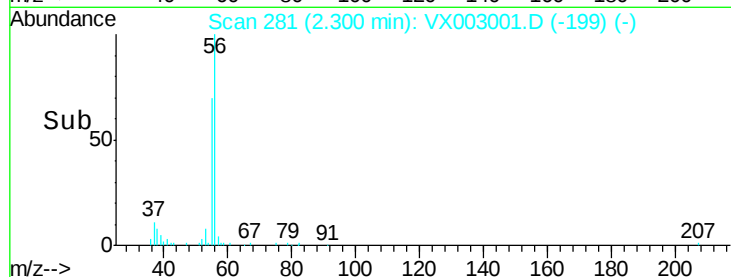
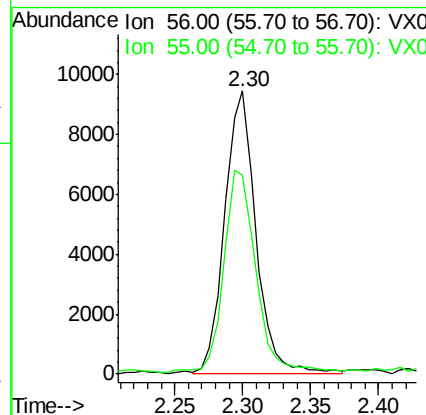
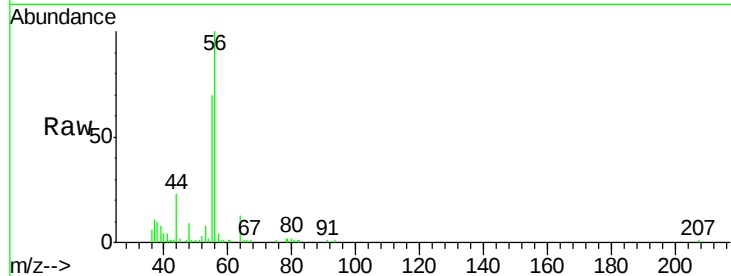
55 73.0 57.3 85.9

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#14

Acrylonitrile

Concen: 100.03 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

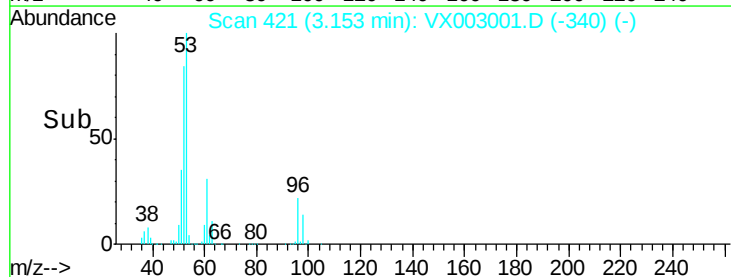
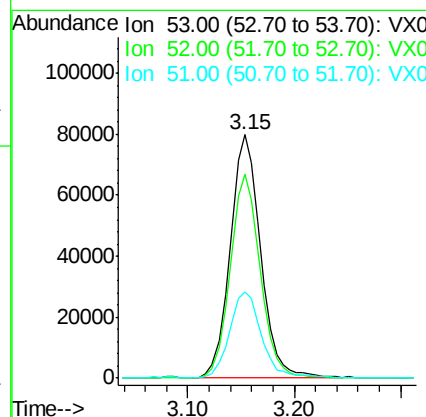
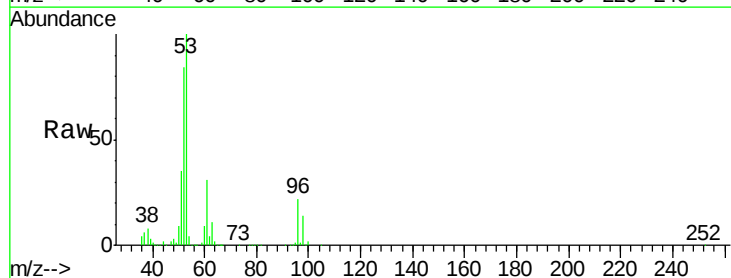
Tgt Ion: 53 Resp: 159632

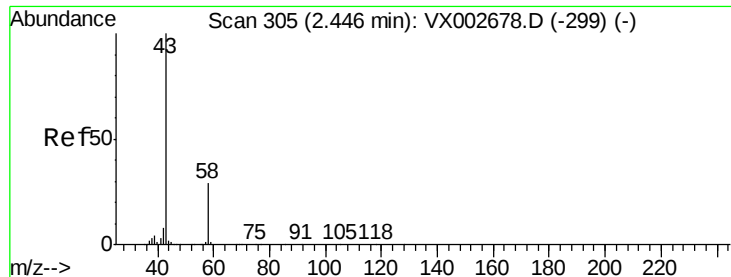
Ion Ratio Lower Upper

53 100

52 82.3 41.5 124.6

51 37.0 17.9 53.8





#15

Acetone

Concen: 96.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 58 Resp: 42940

Ion Ratio Lower Upper

58 100

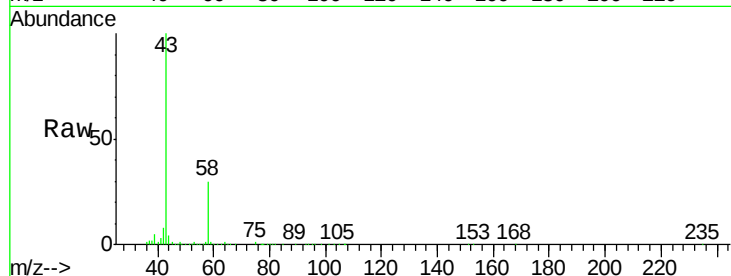
43 337.2 278.8 418.2

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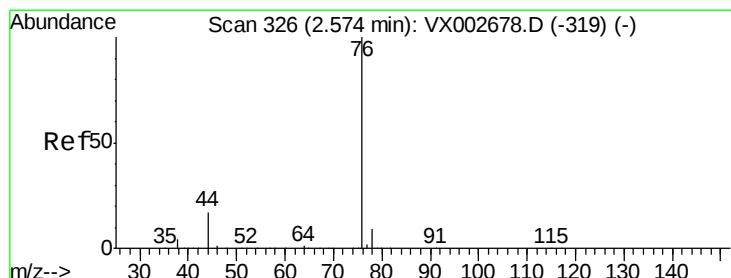
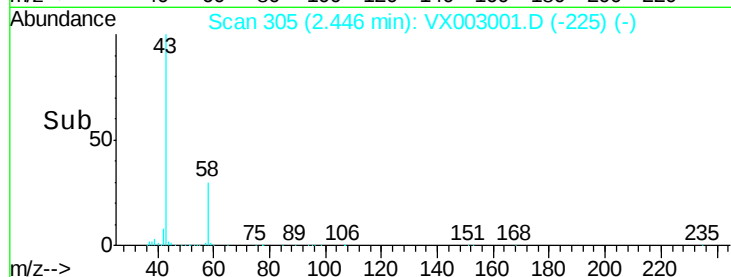
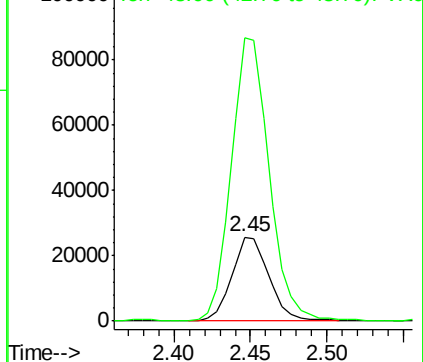
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.70 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.01 min

Lab File: VX003001.D

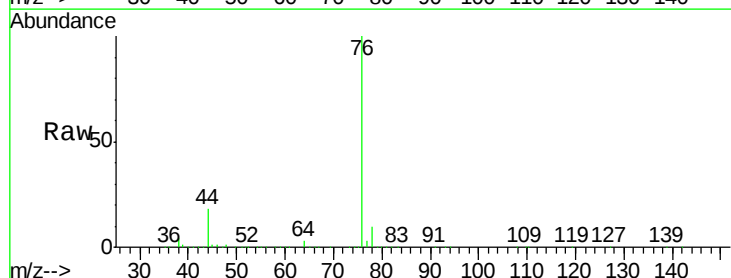
Acq: 28 Jun 2018 22:19

Tgt Ion: 76 Resp: 128936

Ion Ratio Lower Upper

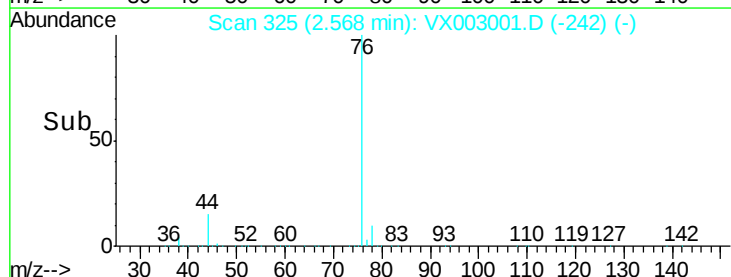
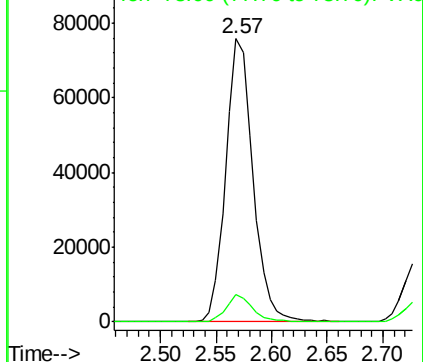
76 100

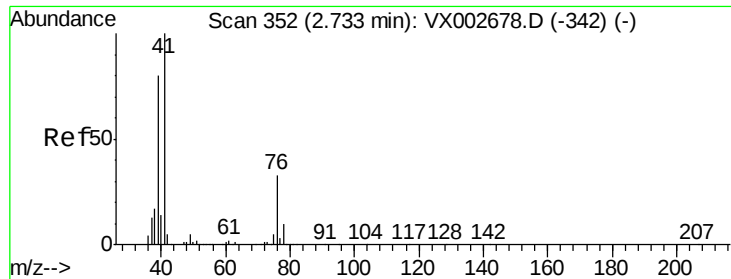
78 9.5 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#17

Allvl chloride

Concen: 18.60 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

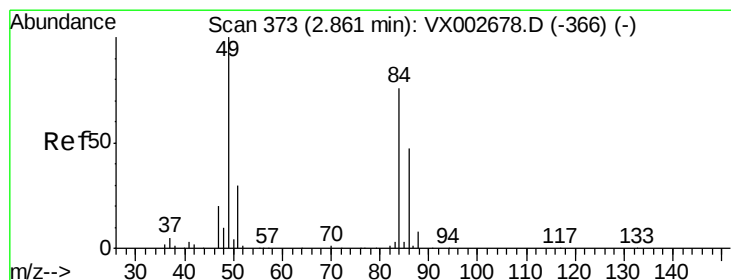
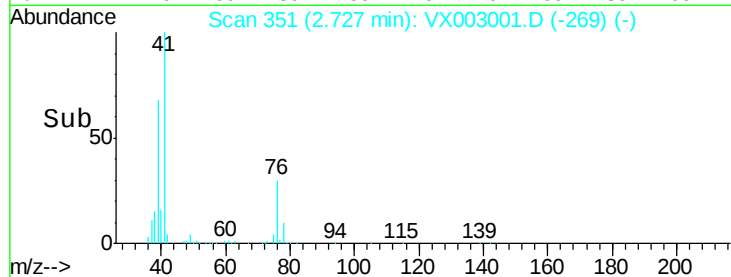
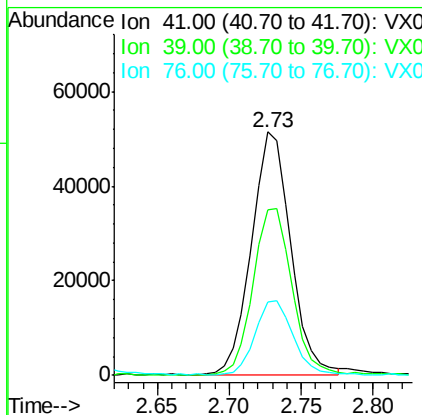
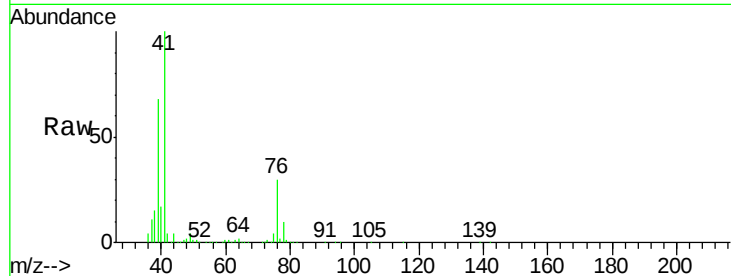
ClientSampleId :

VX0628WBS02

Tot Ion:	41	Resp:	96763
Ion	Ratio	Lower	Upper
41	100		
39	68.0	34.6	103.8
76	30.1	15.0	45.1

Manual Integrations
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#18

Methylene Chloride

Concen: 18.96 ug/l

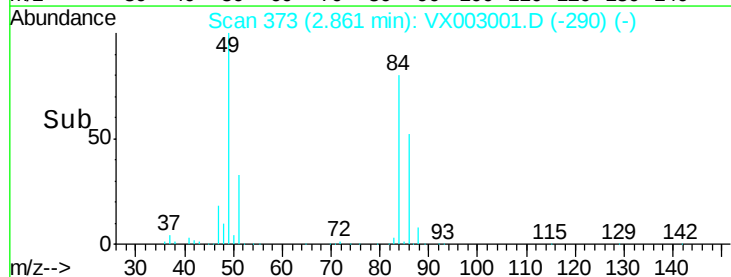
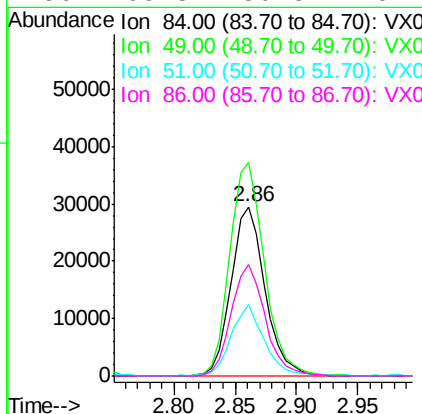
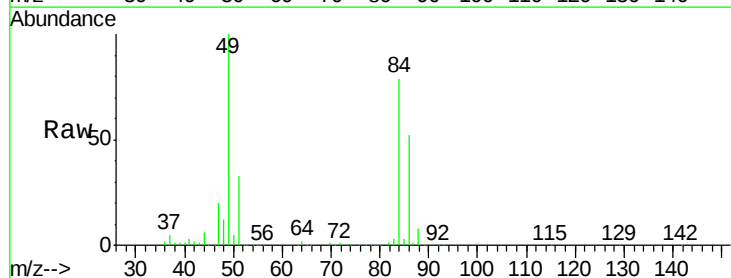
RT: 2.86 min Scan# 373

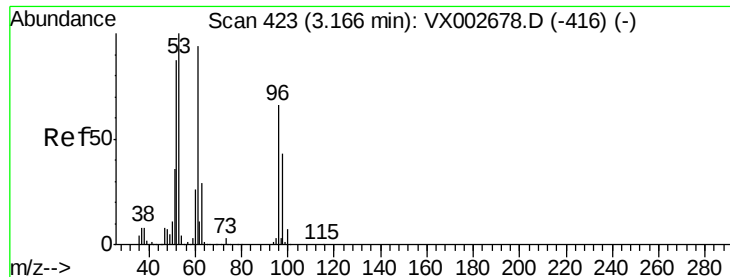
Delta R.T. 0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Tgt Ion:	84	Resp:	56730
Ion	Ratio	Lower	Upper
84	100		
49	125.8	104.7	157.1
51	42.0	31.0	46.4
86	65.8	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 19.26 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

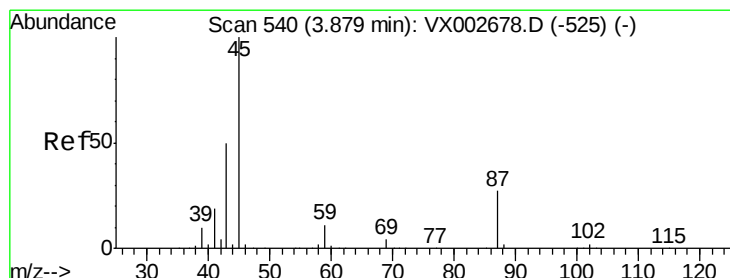
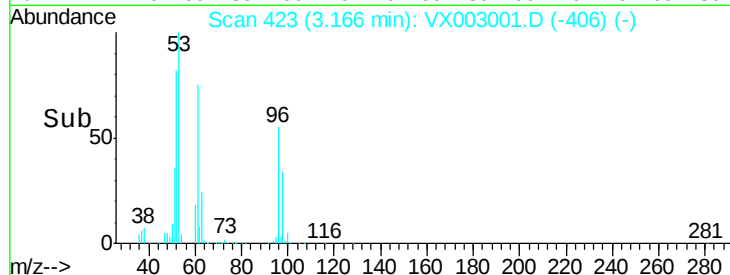
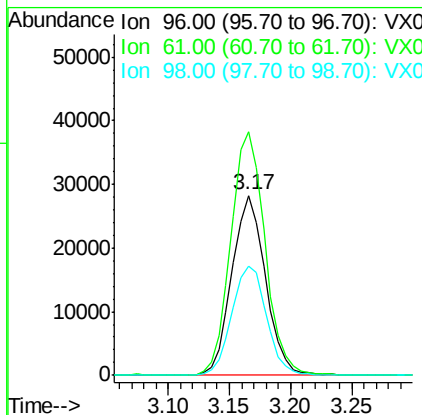
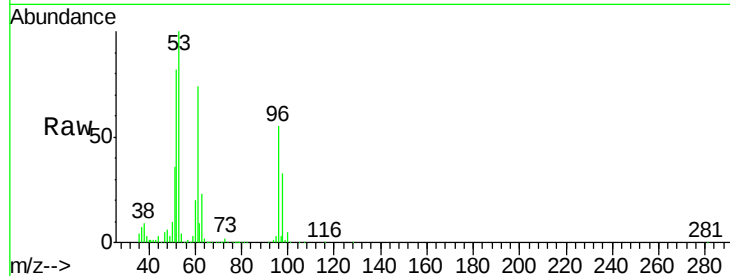
ClientSampleId :

VX0628WBS02

Tot Ion:	96	Resp:	53985
Ion	Ratio	Lower	Upper
96	100		
61	134.9	114.6	172.0
98	60.6	51.3	76.9

Manual Integrations
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#20

Diisopropyl ether

Concen: 20.45 ug/l

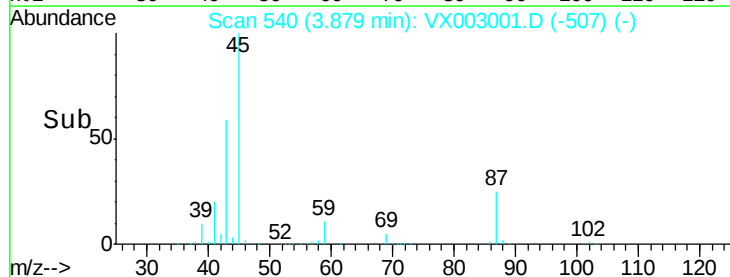
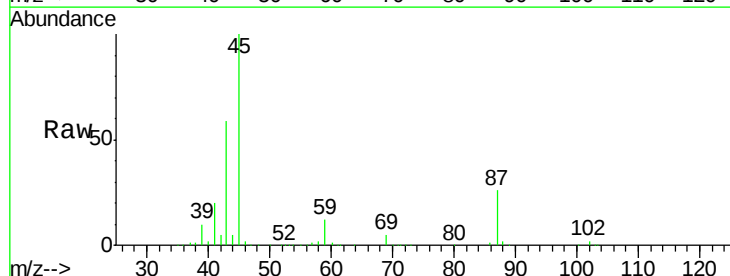
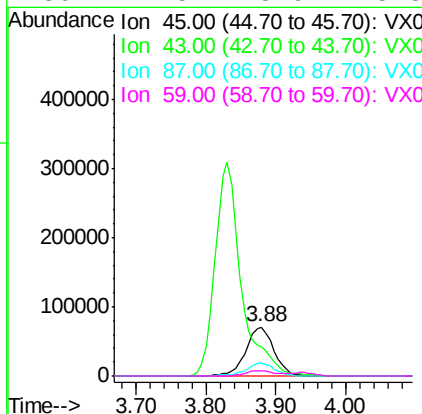
RT: 3.88 min Scan# 540

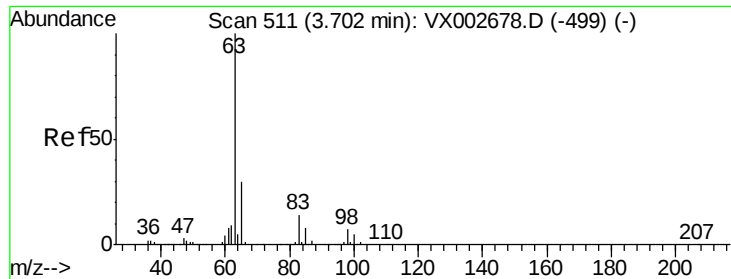
Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Tgt Ion:	45	Resp:	198238
Ion	Ratio	Lower	Upper
45	100		
43	58.8	45.6	68.4
87	25.7	20.7	31.1
59	11.5	8.9	13.3





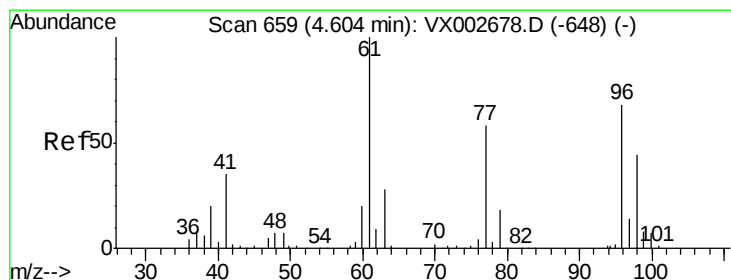
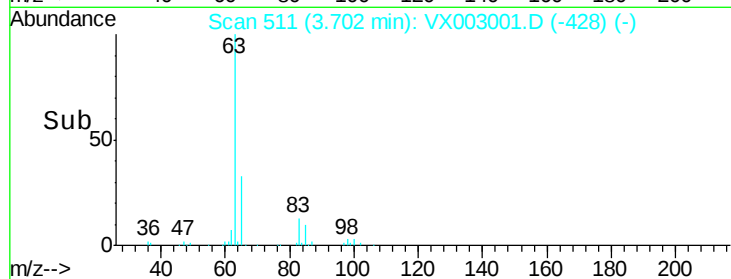
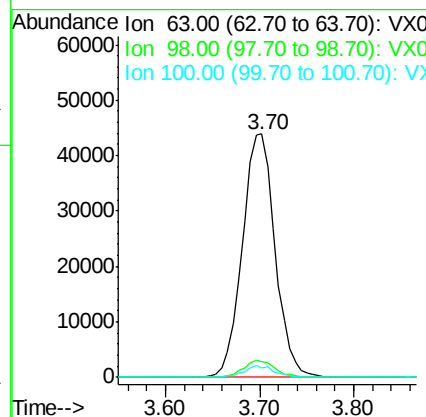
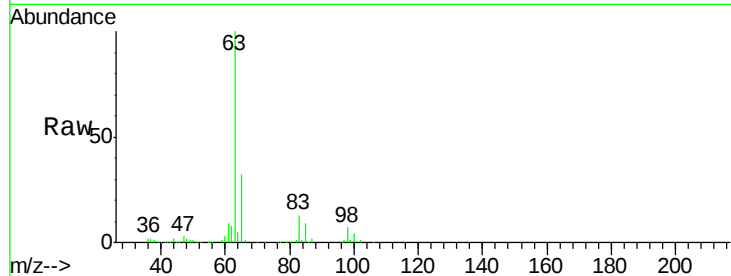
#21
 1,1-Dichloroethane
 Concen: 20.43 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.01 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	6.7	3.1	9.3
100	3.8	2.2	6.6

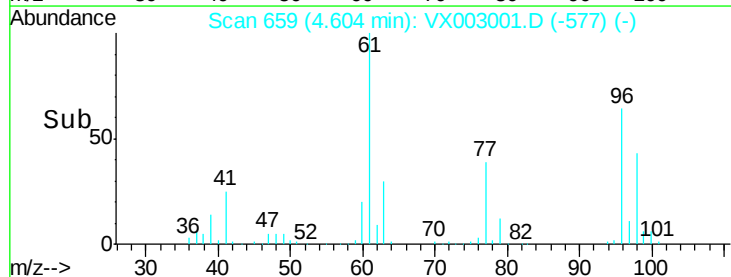
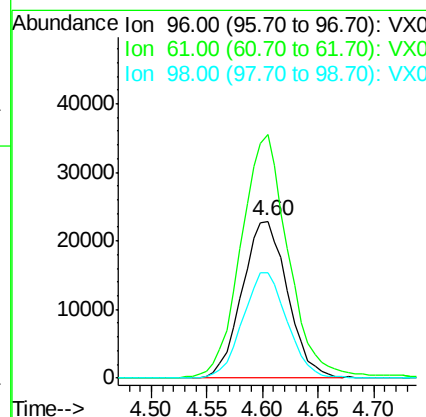
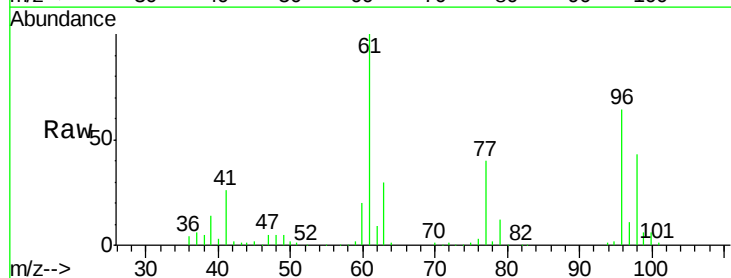
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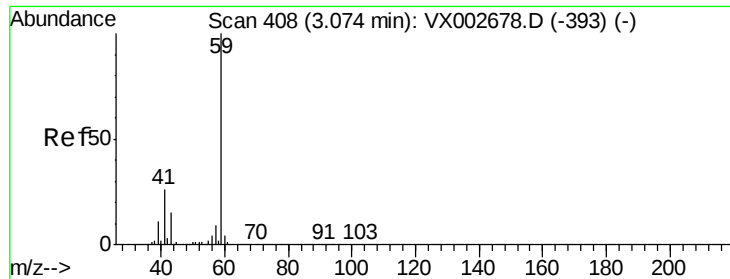
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#22
 cis-1,2-Dichloroethene
 Concen: 21.55 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	161.5	160.2	240.2
98	65.7	54.1	81.1





#23

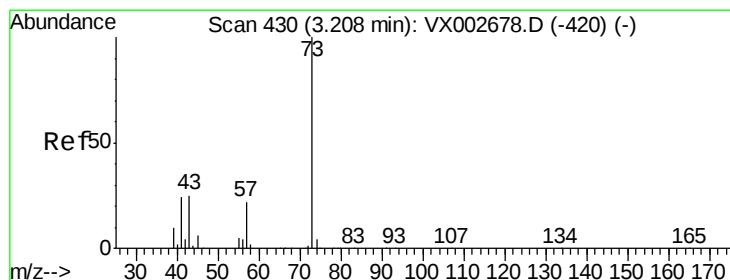
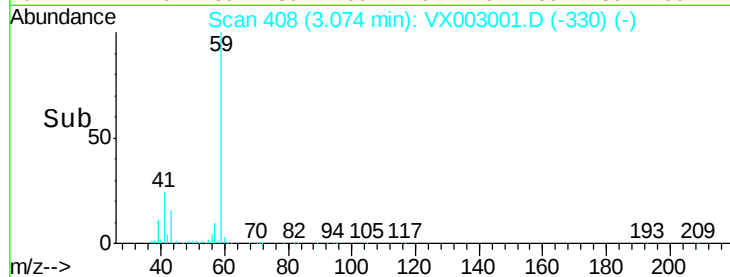
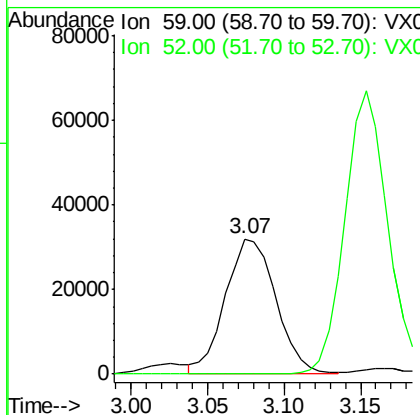
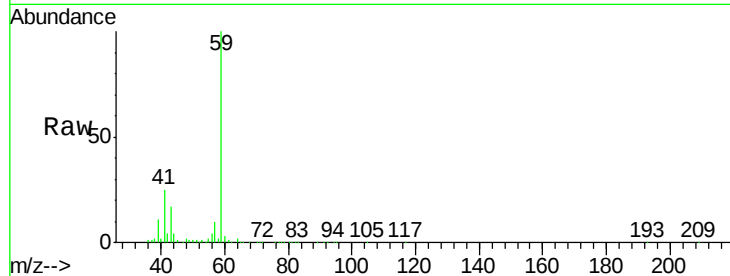
tert-Butyl Alcohol
 Concen: 101.16 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.02 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion: 59 Resp: 73294
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

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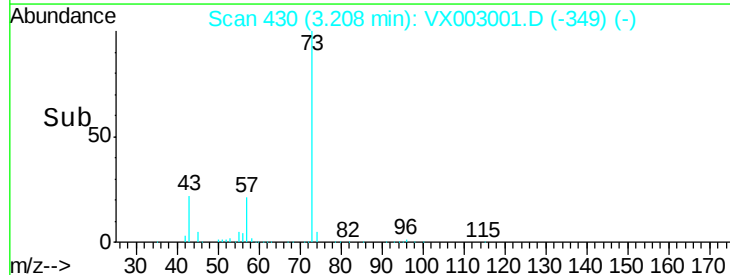
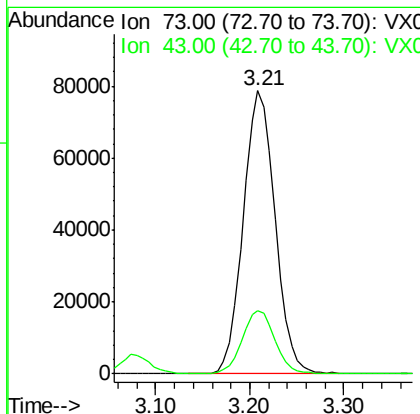
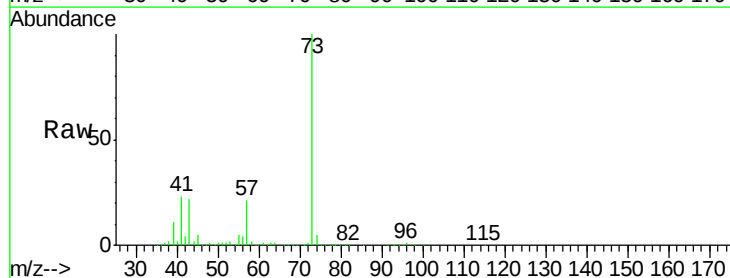
MMDadoda
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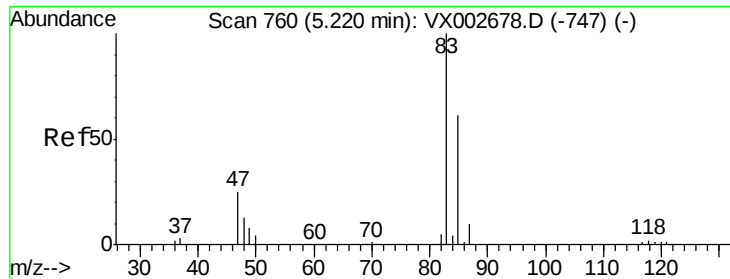


#24

Methyl tert-Butyl Ether
 Concen: 18.99 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.01 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion: 73 Resp: 185395
 Ion Ratio Lower Upper
 73 100
 43 22.6 19.0 28.4





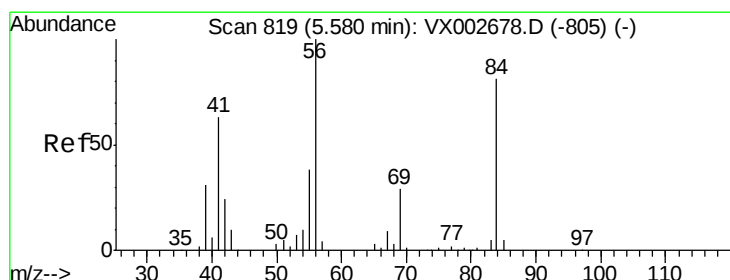
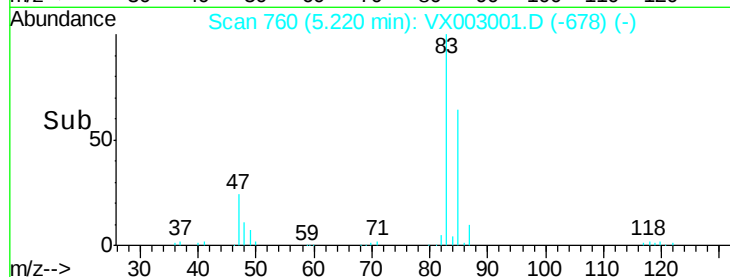
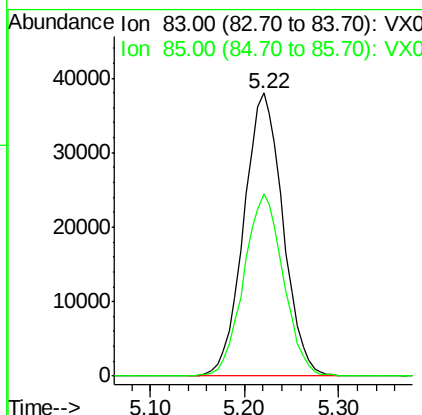
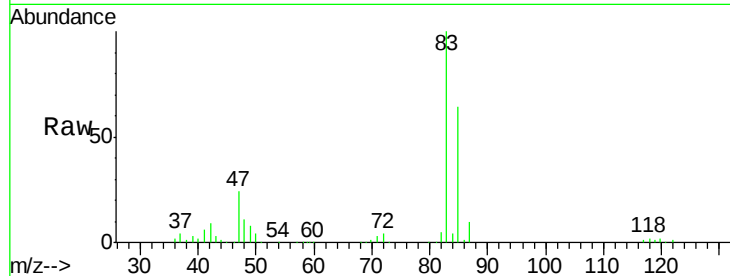
#25
Chloroform
Concen: 21.14 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	83	Resp	110595
Ion Ratio	100	Lower	Upper
83	100		
85	64.2	51.9	77.9

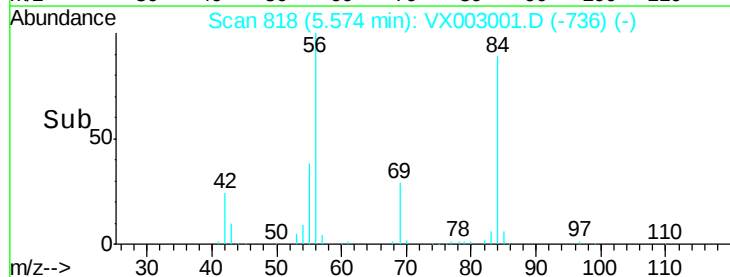
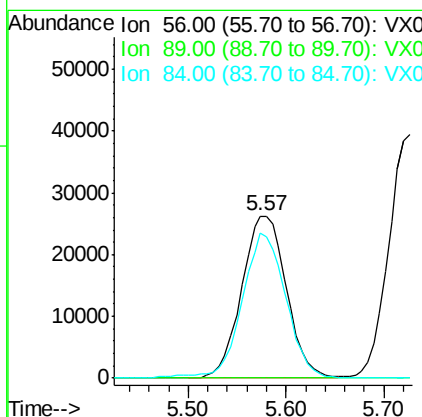
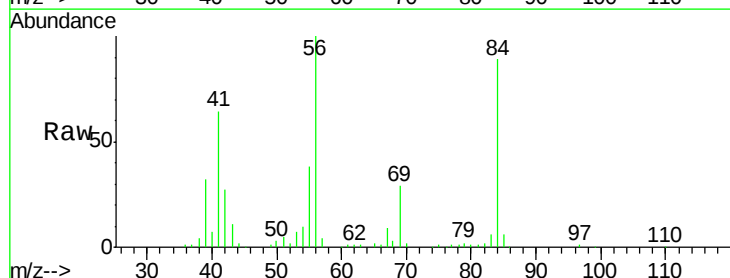
Manual Integrations
APPROVED

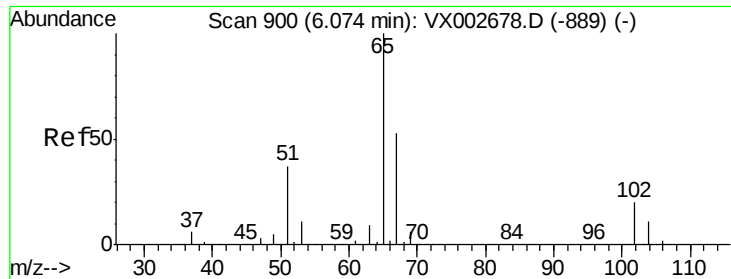
MMDadoda
6/29/2018 12:22:57 PM



#26
Cyclohexane
Concen: 18.78 ug/l
RT: 5.57 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	56	Resp	83155
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	85.6	64.9	97.3





#27

1,2-Dichloroethane-d4

Concen: 29.50 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Tot Ion: 65 Resp: 113942

Ion Ratio Lower Upper

65 100

67 51.4 40.9 61.3

Instrument :

MSVOA_X

ClientSampled :

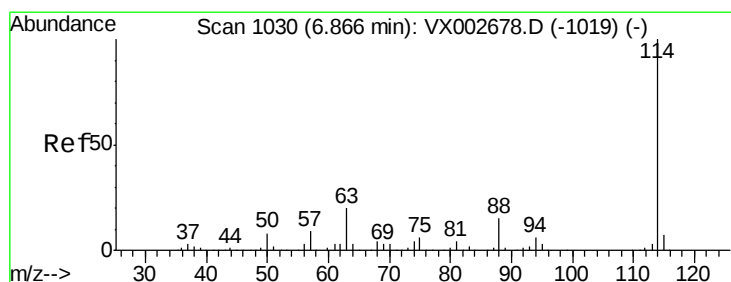
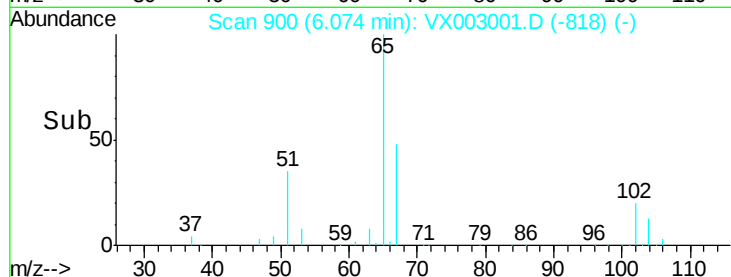
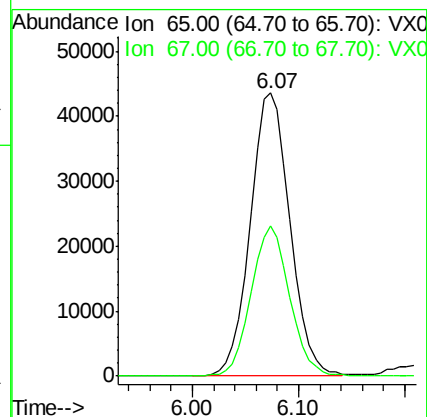
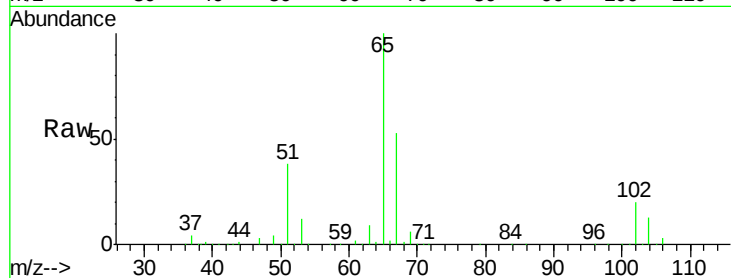
VX0628WBS02

Manual Integrations

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MMDadoda

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#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

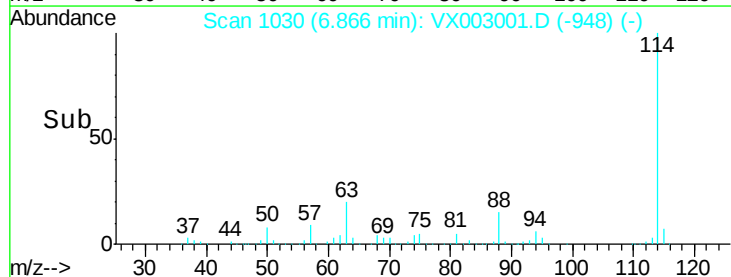
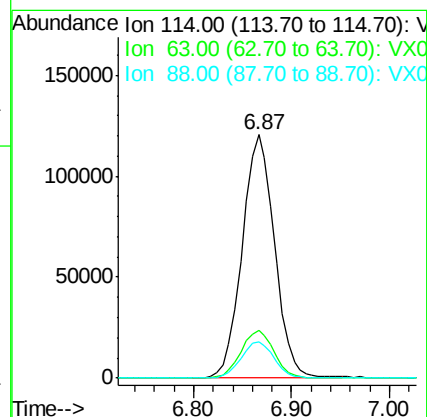
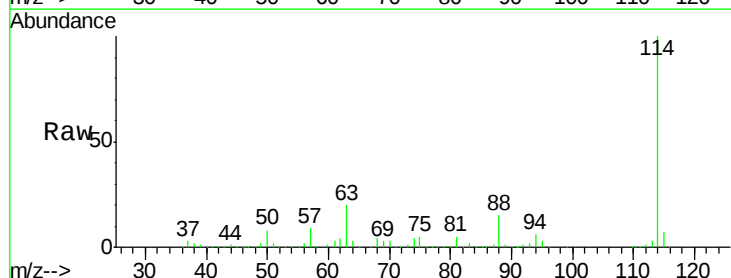
Tgt Ion: 114 Resp: 277007

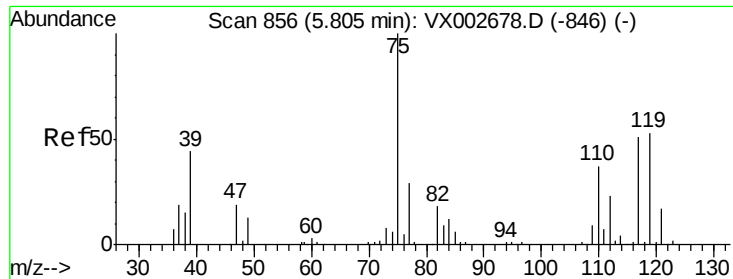
Ion Ratio Lower Upper

114 100

63 20.1 17.1 25.7

88 15.1 12.6 19.0





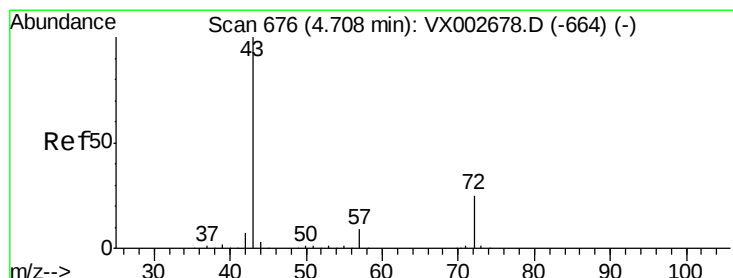
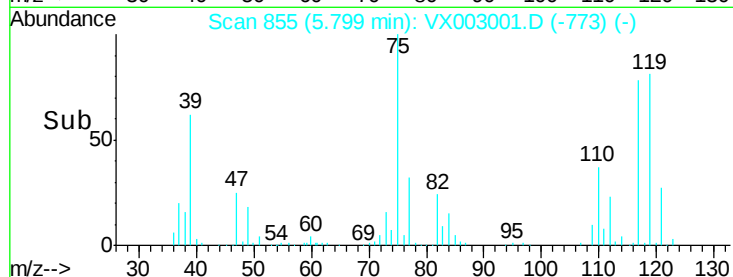
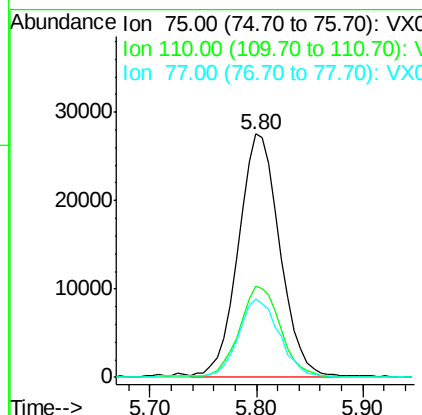
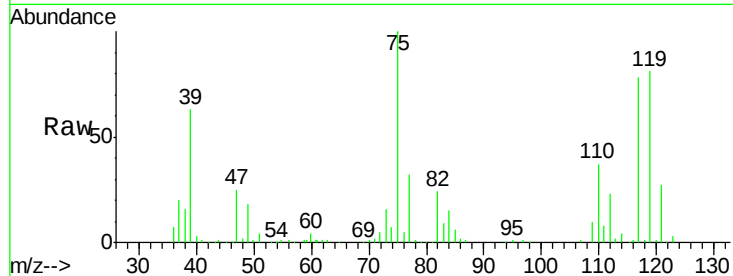
#29
 1,1-Dichloropropene
 Concen: 20.23 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.0	0.0	71.4
77	31.7	0.0	60.6

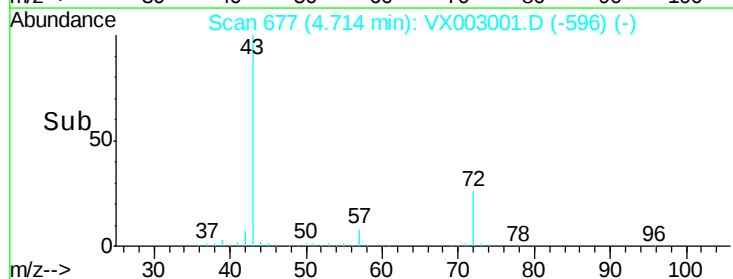
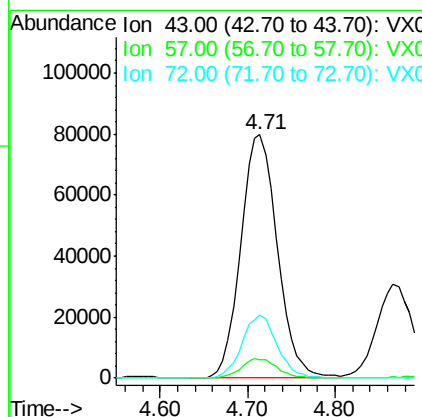
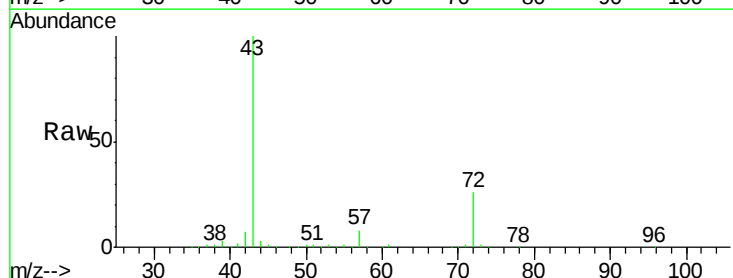
Manual Integrations
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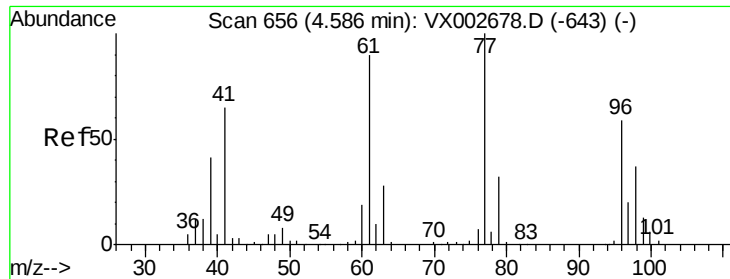
MMDadoda
 6/29/2018 12:22:57 PM



#30
 2-Butanone
 Concen: 108.16 ug/l
 RT: 4.71 min Scan# 677
 Delta R.T. -0.01 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.1	9.1
72	25.0	18.1	27.1





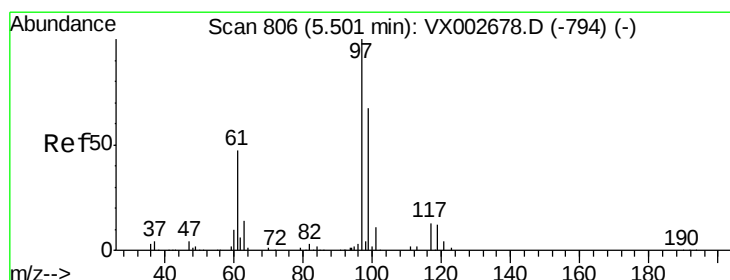
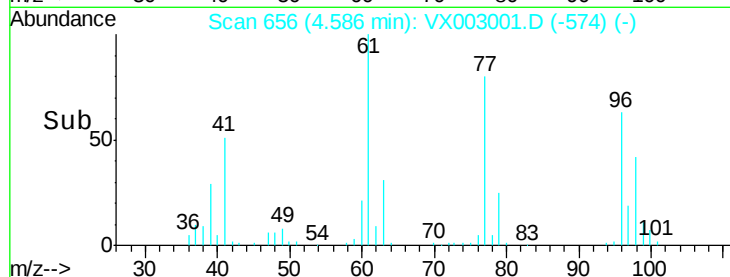
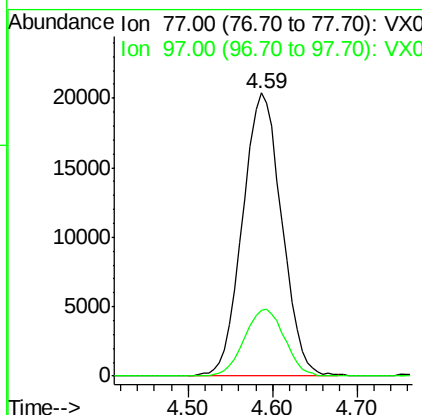
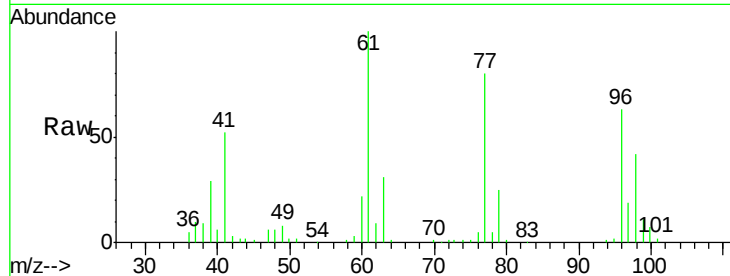
#31
 2,2-Dichloropropane
 Concen: 16.15 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion: 77 Resp: 64548
 Ion Ratio Lower Upper
 77 100
 97 24.3 18.7 28.1

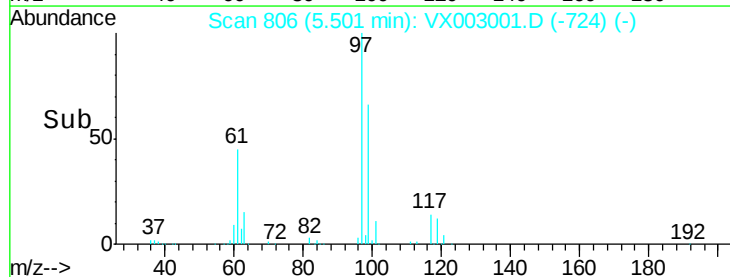
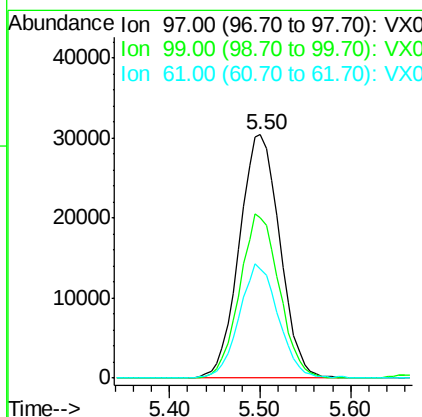
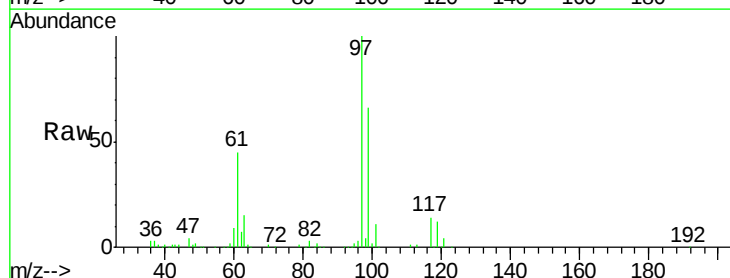
Manual Integrations
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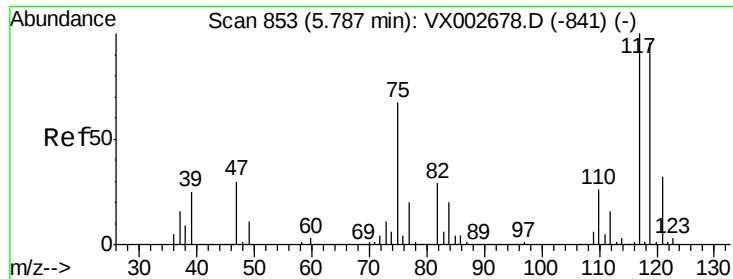
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 20.95 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion: 97 Resp: 94683
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.7 77.5
 61 45.1 36.4 54.6





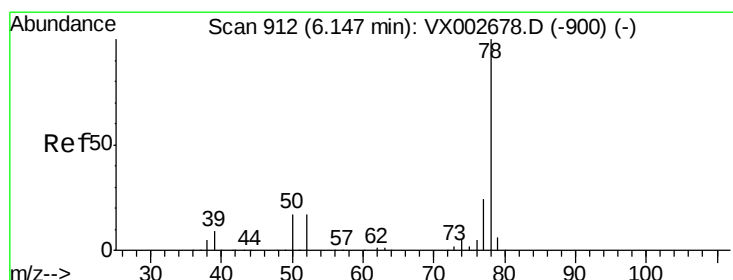
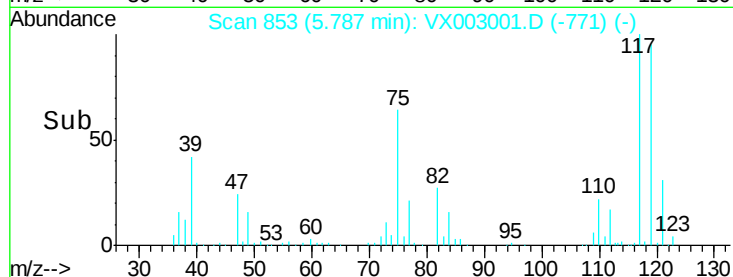
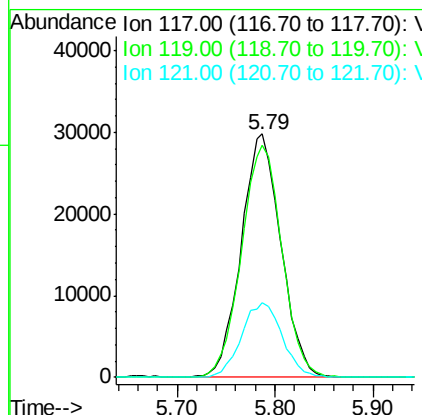
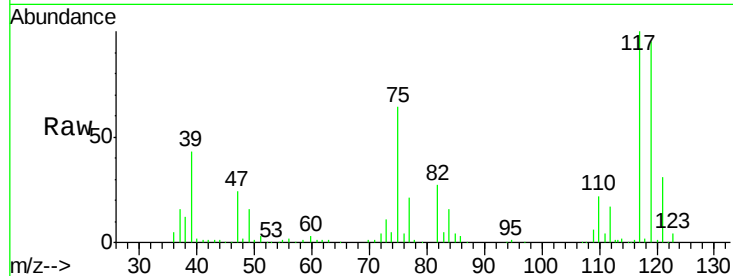
#33
Carbon Tetrachloride
Concen: 20.74 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion:117 Resp: 84246
Ion Ratio Lower Upper
117 100
119 95.0 73.3 109.9
121 30.7 23.6 35.4

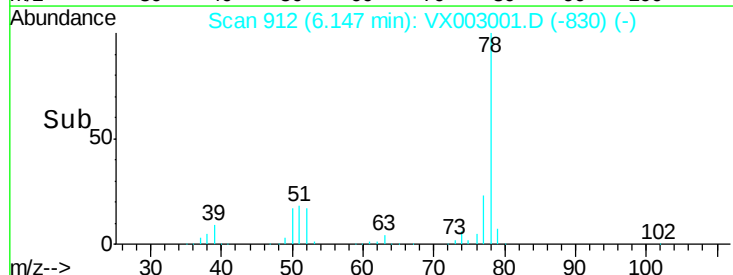
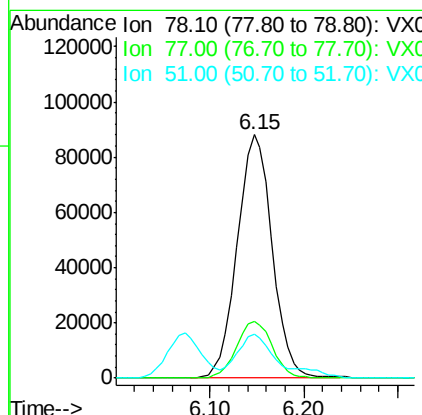
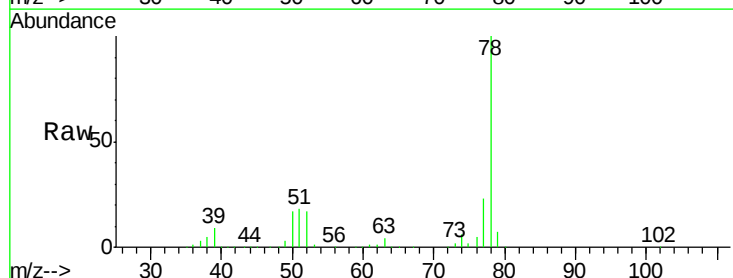
Manual Integrations
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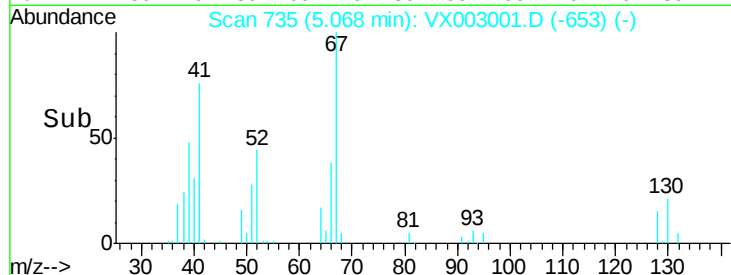
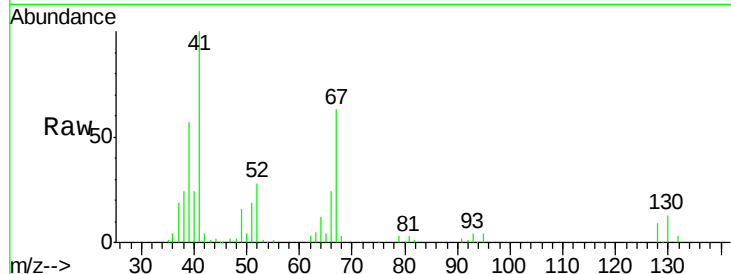
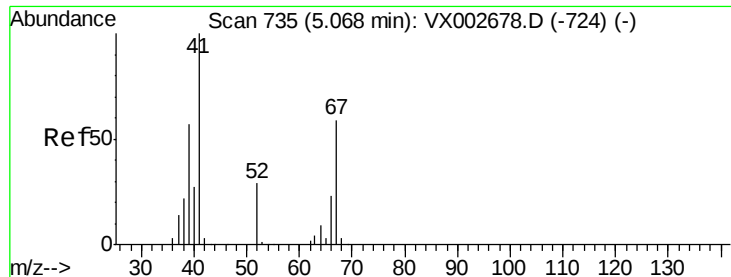
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#34
Benzene
Concen: 20.65 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion: 78 Resp: 228789
Ion Ratio Lower Upper
78 100
77 23.2 19.4 29.0
51 17.2 13.8 20.6





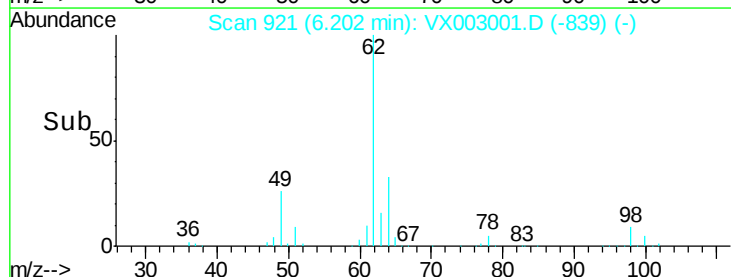
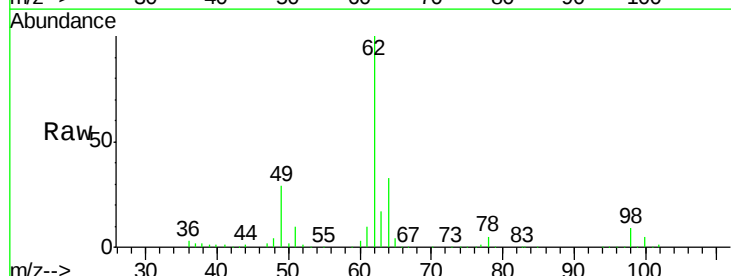
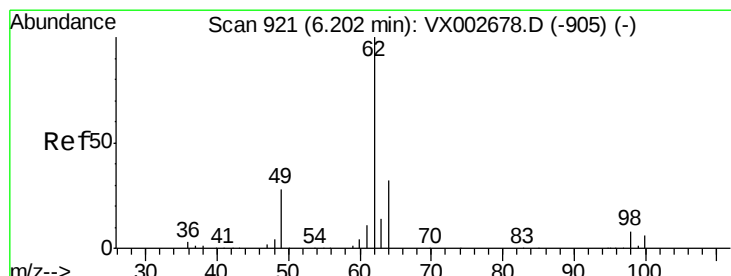
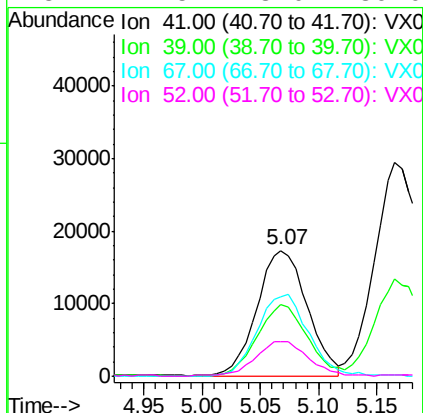
#35
Methacrylonitrile
Concen: 22.03 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	57.3	28.8	86.5		
67	63.3	30.4	91.2		
52	27.5	13.0	39.0		

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

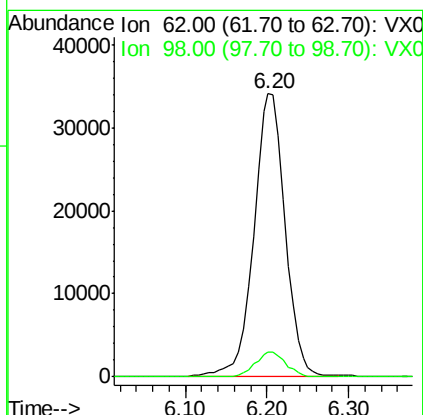
Manual Integrations
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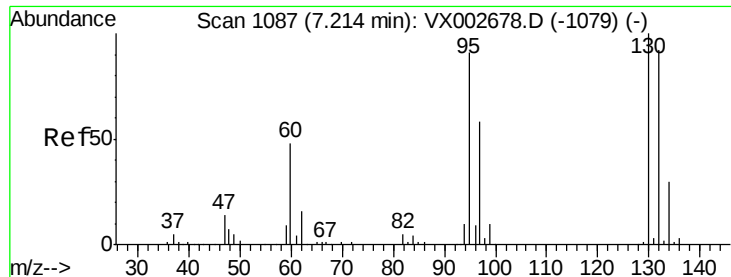
MMDadoda
6/29/2018 12:22:57 PM



#36
1,2-Dichloroethane
Concen: 21.01 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.6	6.5	9.7		





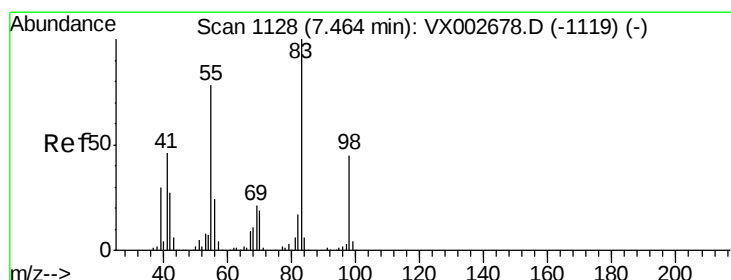
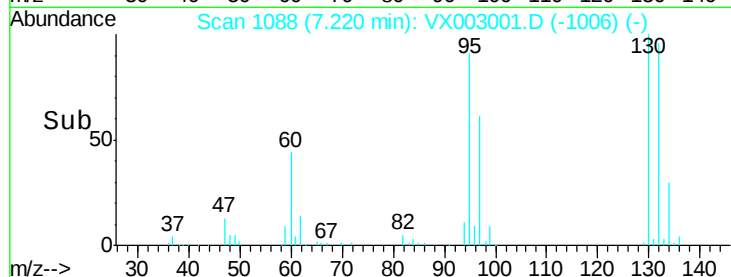
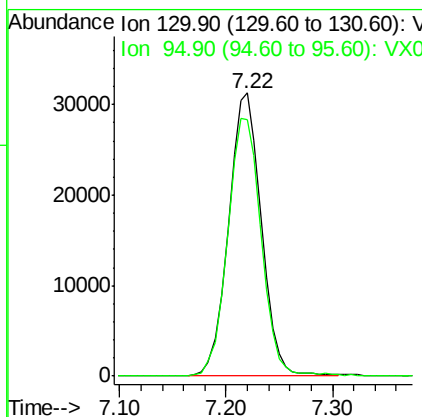
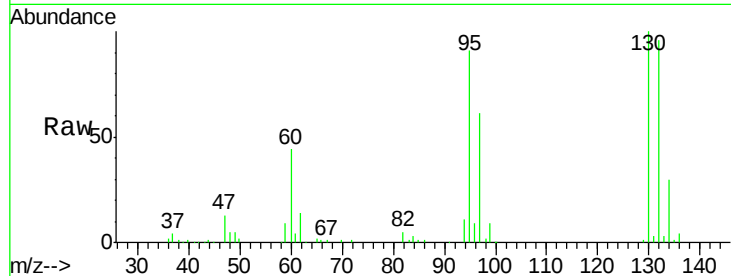
#37
 Trichloroethene
 Concen: 20.75 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion:130 Resp: 67332
 Ion Ratio Lower Upper
 130 100
 95 90.3 81.5 122.3

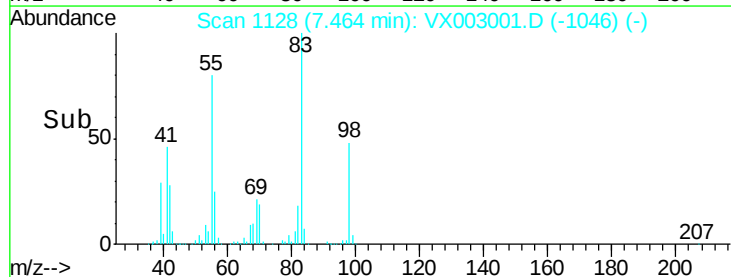
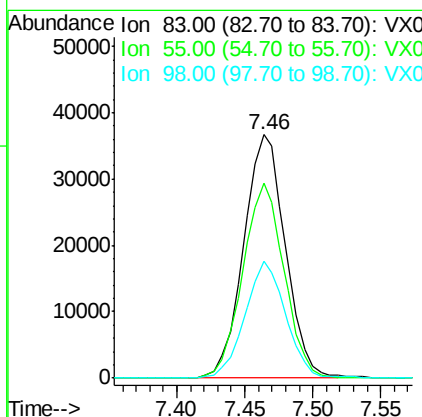
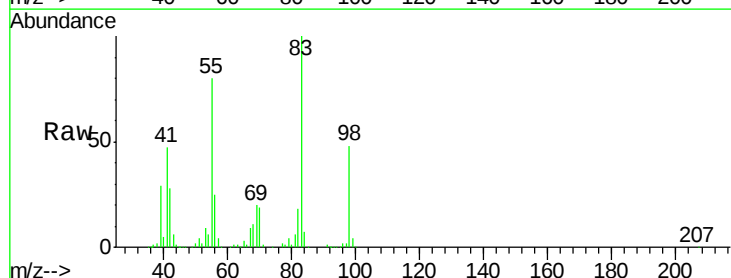
Manual Integrations
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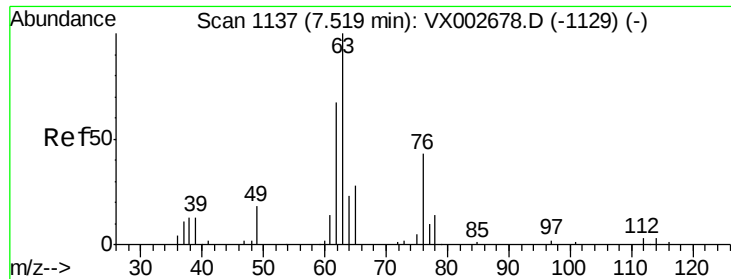
MMDadoda
 6/29/2018 12:22:57 PM



#38
 Methylcyclohexane
 Concen: 17.28 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion: 83 Resp: 78635
 Ion Ratio Lower Upper
 83 100
 55 79.5 40.6 121.8
 98 47.1 23.5 70.5





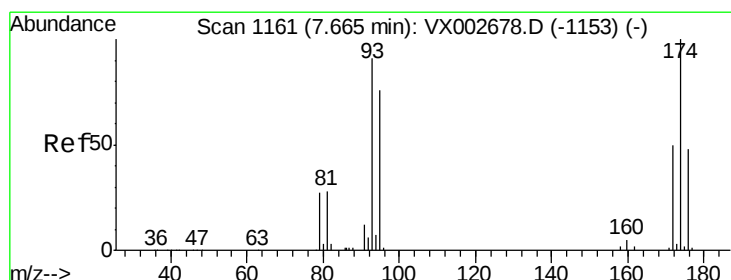
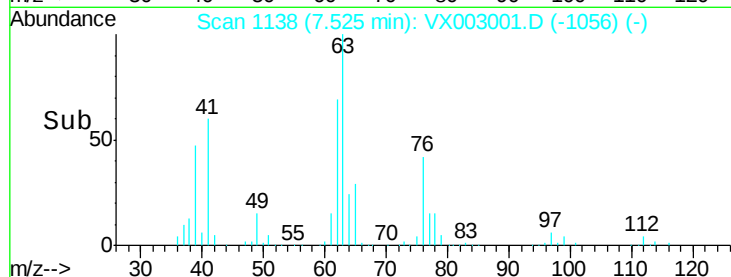
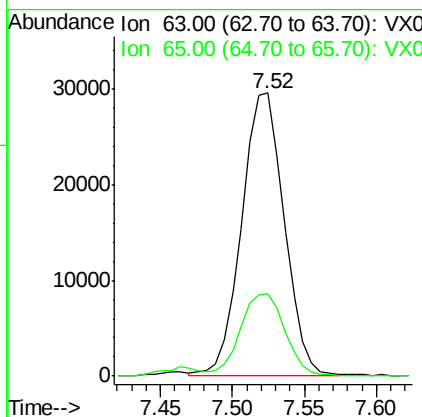
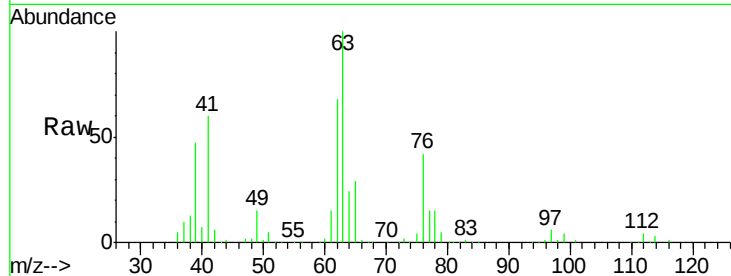
#39
 1,2-Dichloropropane
 Concen: 20.99 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion: 63 Resp: 60658
 Ion Ratio Lower Upper
 63 100
 65 28.9 23.3 34.9

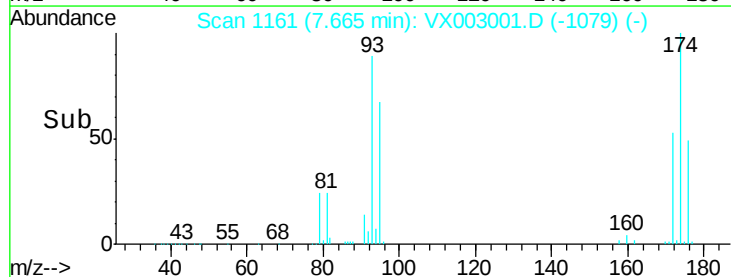
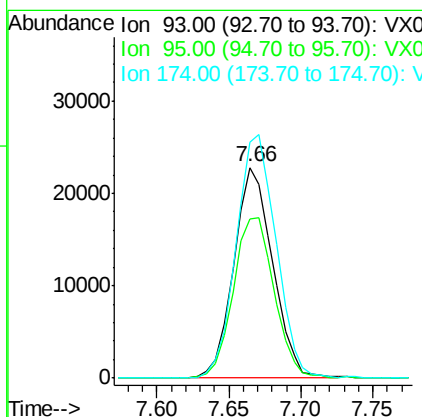
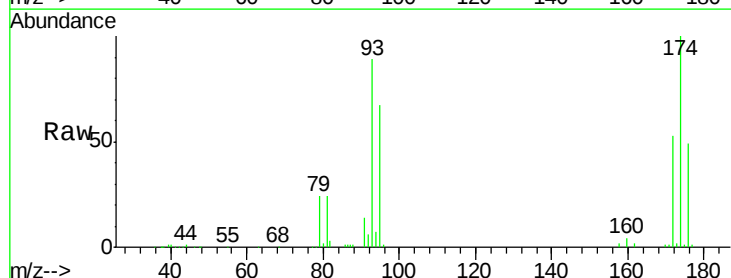
Manual Integrations
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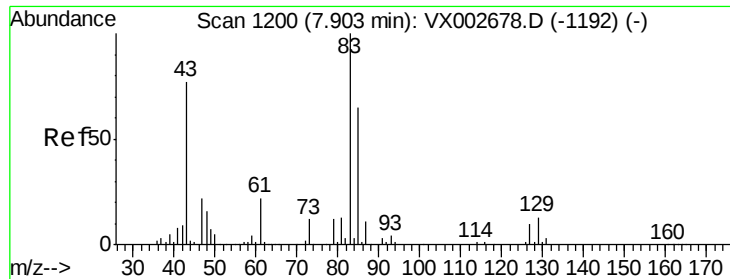
MMDadoda
 6/29/2018 12:22:57 PM



#40
 Dibromomethane
 Concen: 21.27 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion: 93 Resp: 42700
 Ion Ratio Lower Upper
 93 100
 95 80.2 0.0 162.6
 174 118.6 0.0 229.4





#41

Bromodichloromethane

Concen: 20.86 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

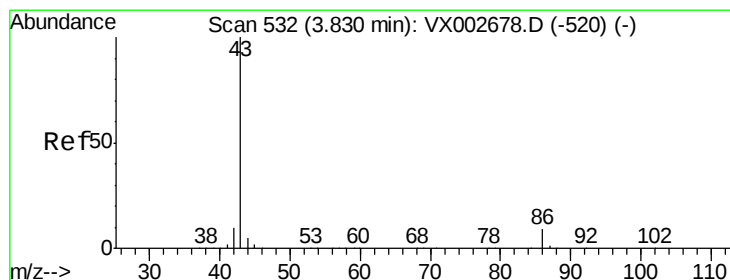
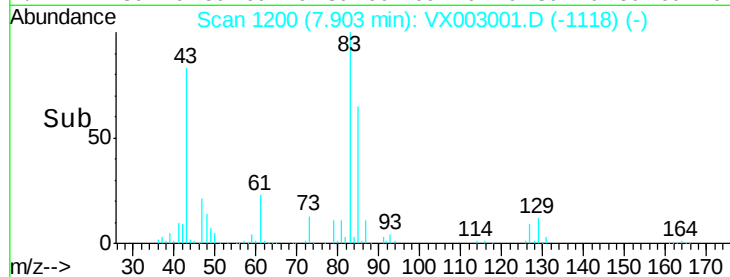
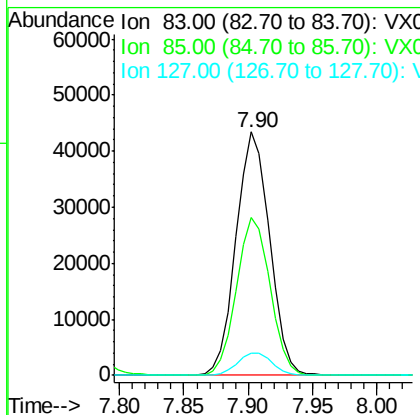
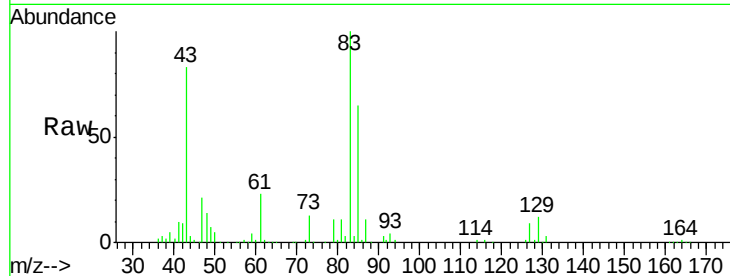
ClientSampleId :

VX0628WBS02

Tot Ion:	83	Resp:	78683
Ion	Ratio	Lower	Upper
83	100		
85	65.0	49.8	74.8
127	9.2	7.3	10.9

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#42

Vinyl Acetate

Concen: 99.17 ug/l

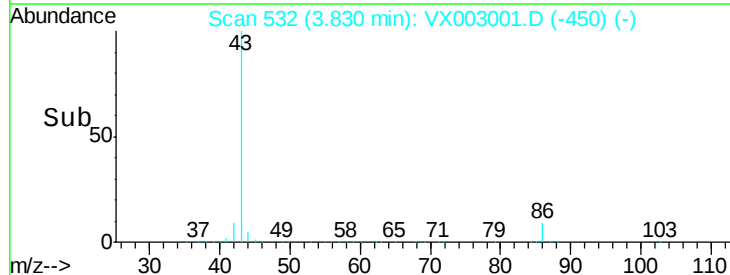
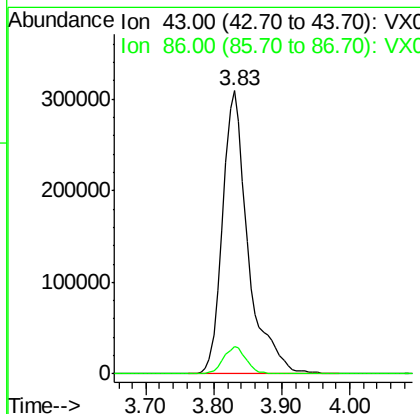
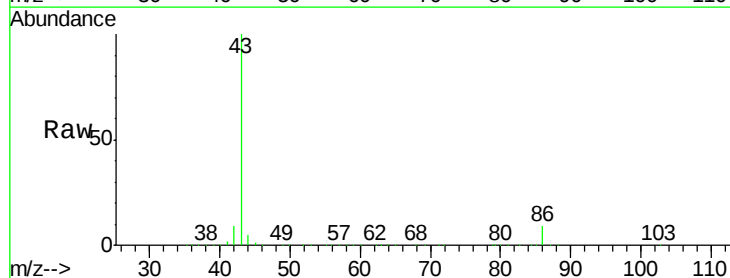
RT: 3.83 min Scan# 532

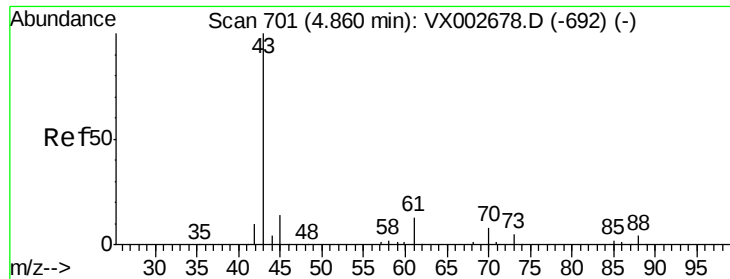
Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Tgt Ion:	43	Resp:	805068
Ion	Ratio	Lower	Upper
43	100		
86	8.5	6.7	10.1





#43

Ethyl Acetate

Concen: 21.88 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampled :

VX0628WBS02

Tot Ion: 43 Resp: 89586

Ion Ratio Lower Upper

43 100

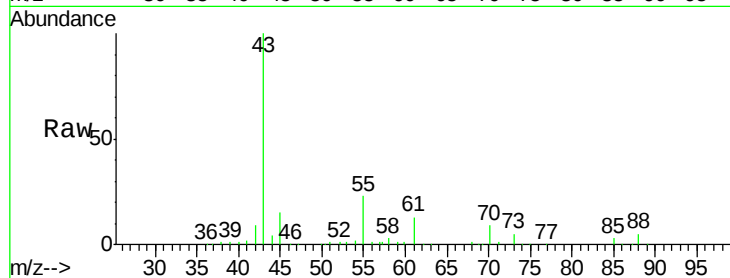
45 13.1 11.0 16.4

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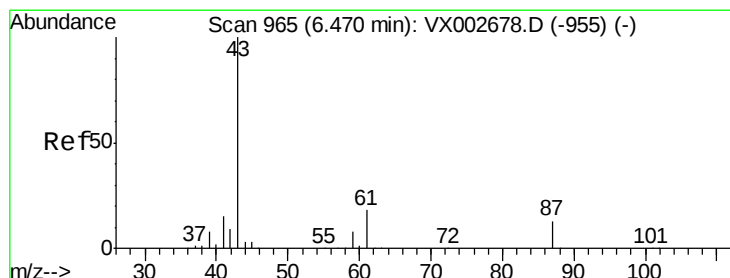
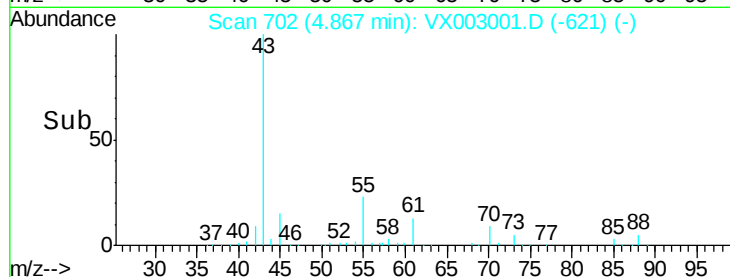
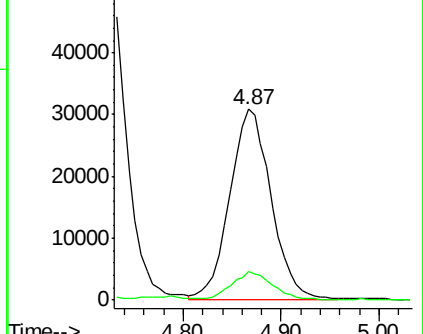
MMDadoda

6/29/2018 12:22:57 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 20.74 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003001.D

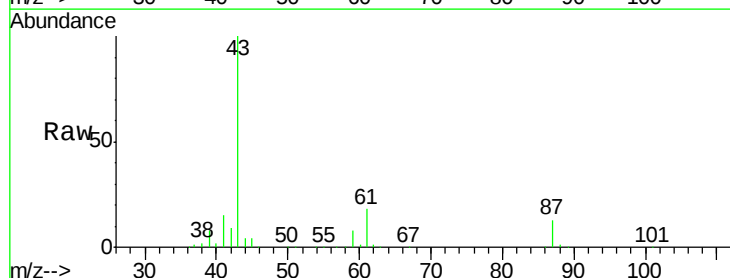
Acq: 28 Jun 2018 22:19

Tgt Ion: 43 Resp: 142236

Ion Ratio Lower Upper

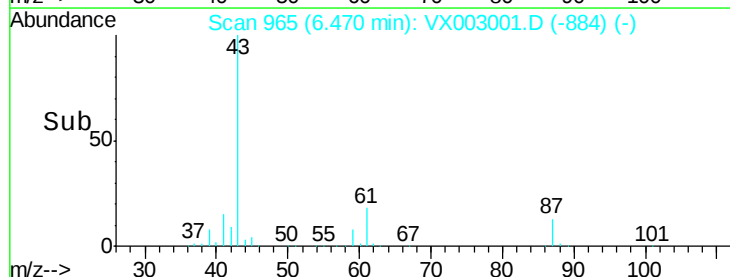
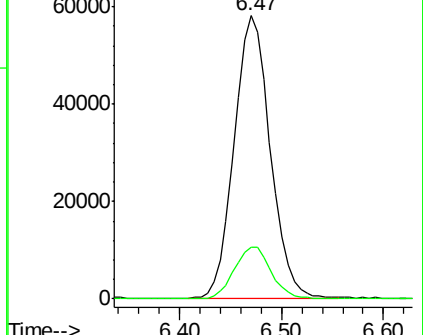
43 100

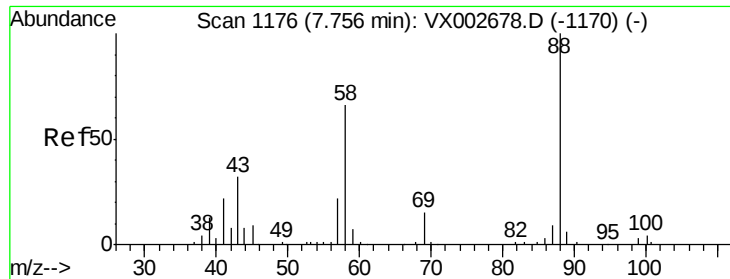
61 18.8 14.5 21.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





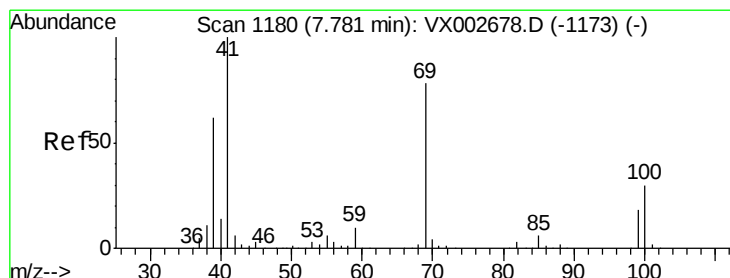
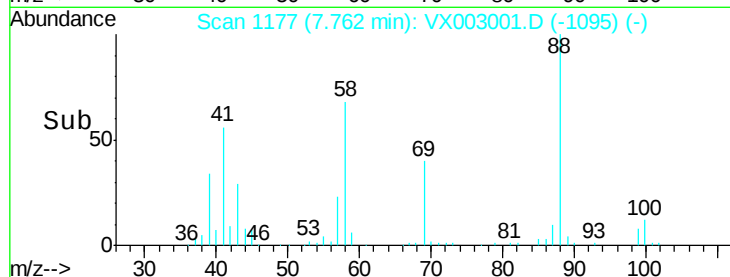
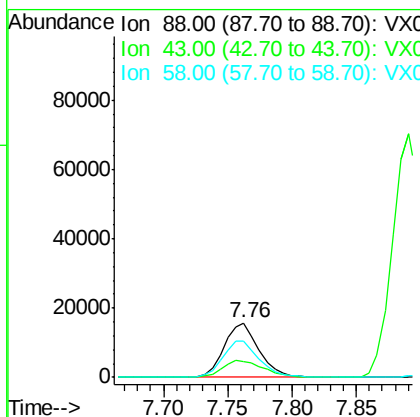
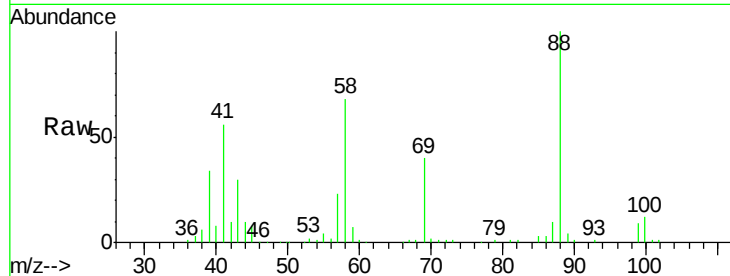
#45
 1,4-Dioxane
 Concen: 441.31 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	43.2	64.8#
58	68.6	60.2	90.2

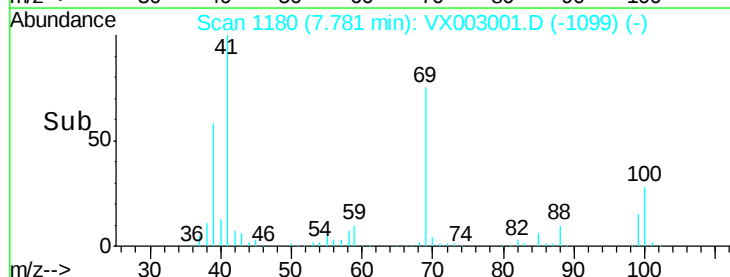
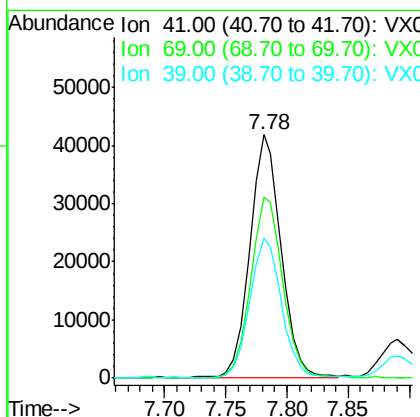
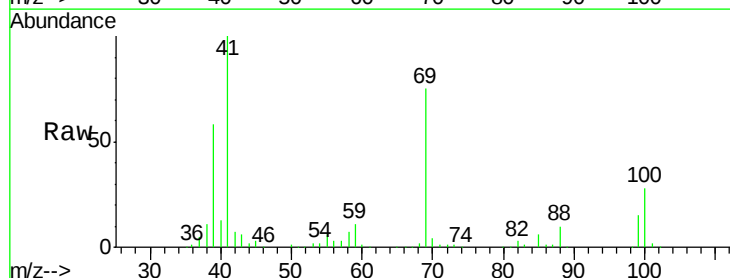
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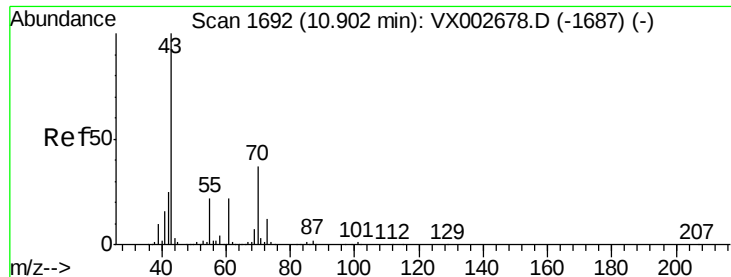
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#46
 Methyl methacrylate
 Concen: 21.12 ug/l
 RT: 7.78 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.7	37.0	110.9
39	57.5	29.6	88.9





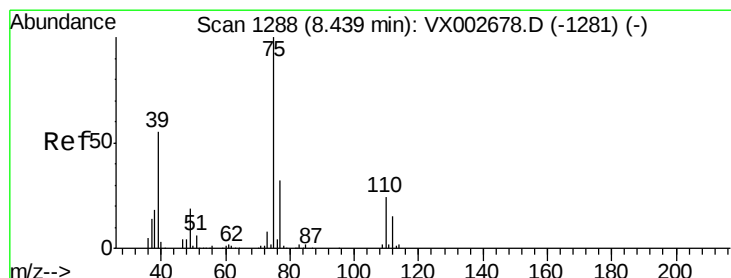
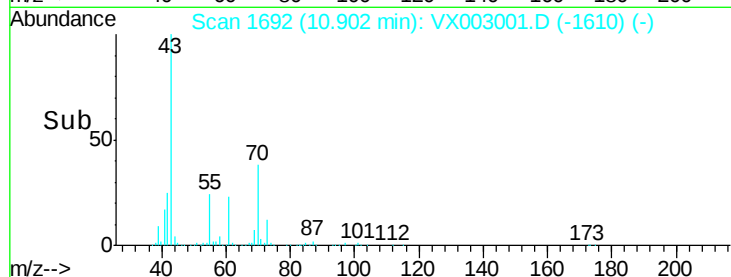
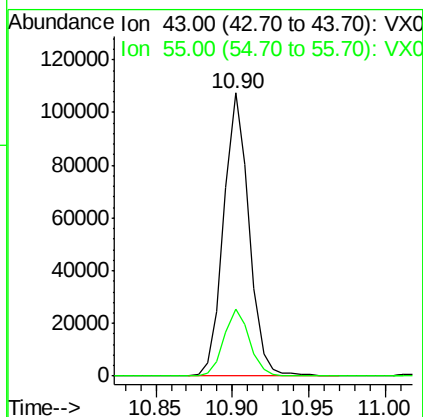
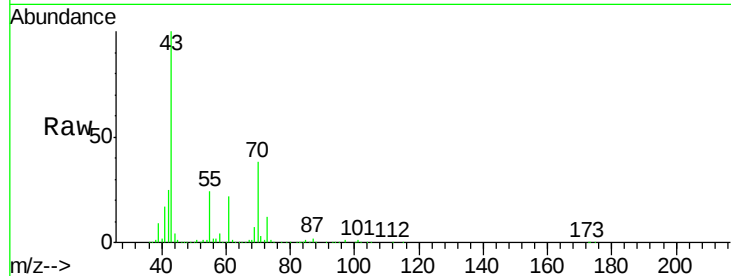
#47
n-amvl Acetate
Concen: 19.02 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
55	24.1	0.1	0.1#

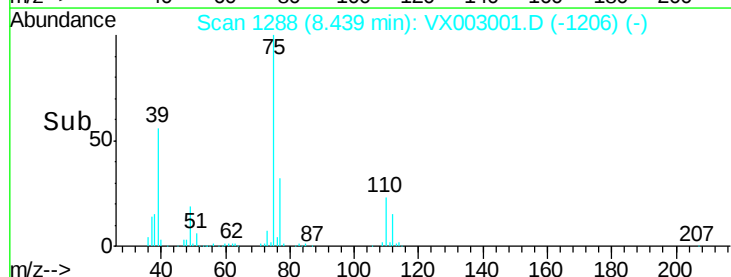
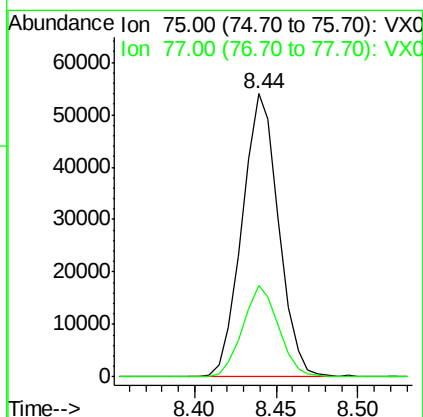
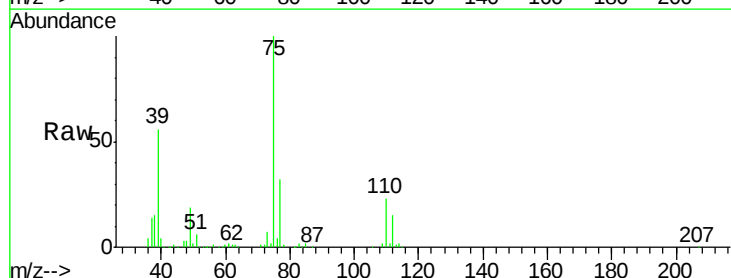
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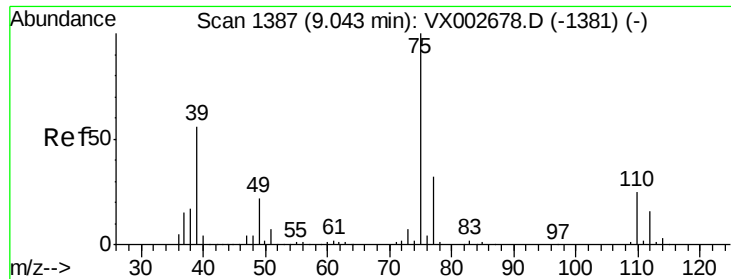
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#48
t-1,3-Dichloropropene
Concen: 19.07 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.6	38.4





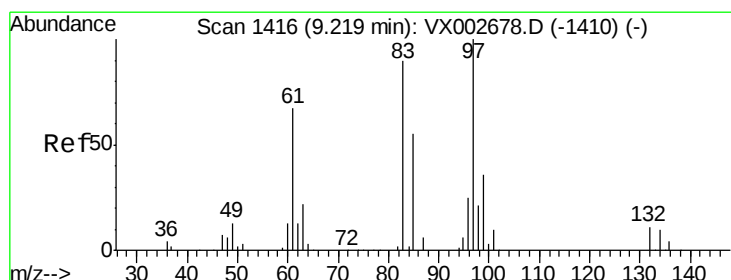
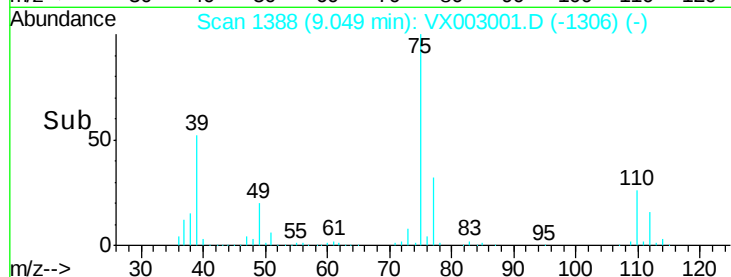
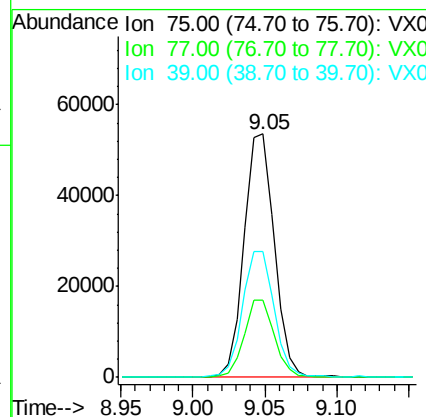
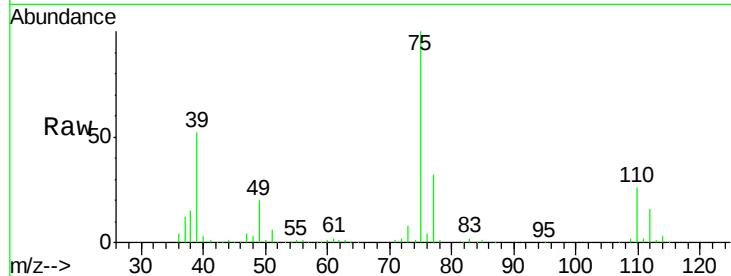
#49
 cis-1,3-Dichloropropene
 Concen: 18.92 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.2
39	51.7	42.3	63.5

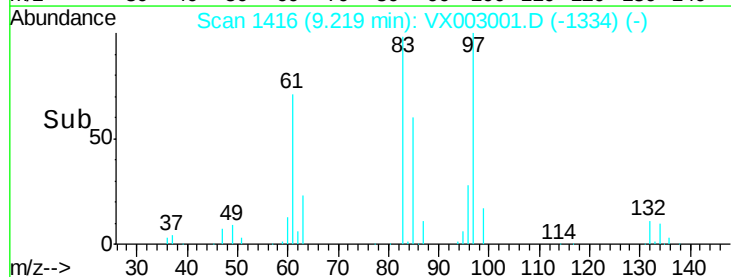
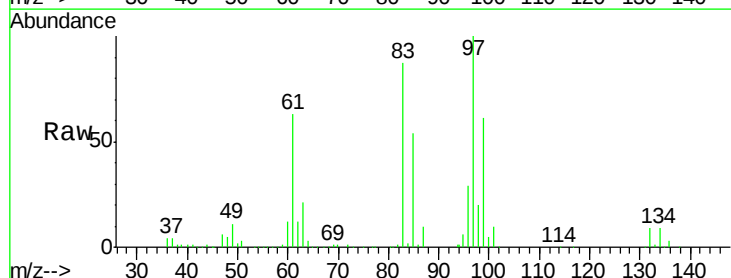
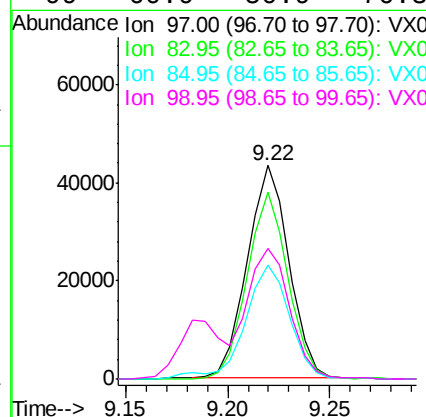
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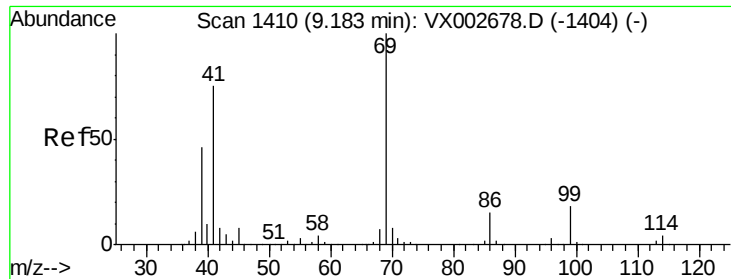
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#50
 1,1,2-Trichloroethane
 Concen: 20.76 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.5	70.8	106.2
85	53.4	43.5	65.3
99	60.9	50.9	76.3





#51

Ethyl methacrylate

Concen: 20.22 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

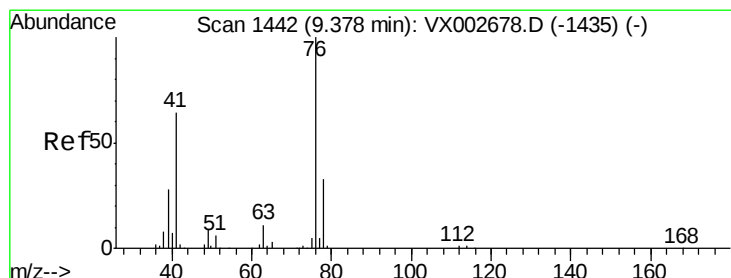
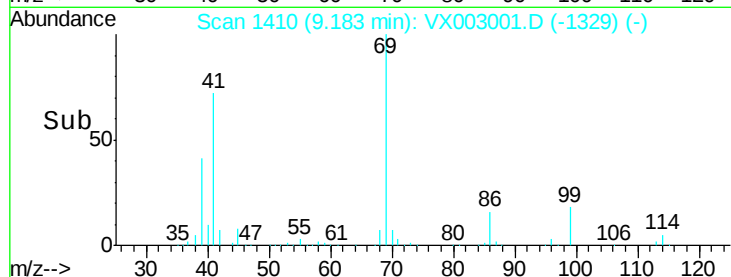
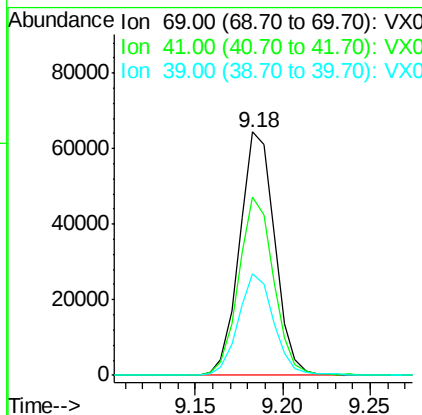
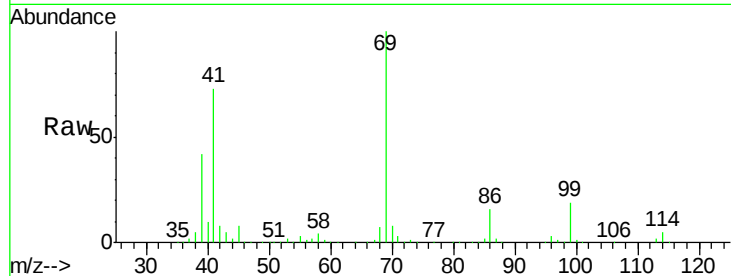
ClientSampleId :

VX0628WBS02

Tot Ion:	69	Resp:	90398
Ion	Ratio	Lower	Upper
69	100		
41	72.9	39.1	117.3
39	41.3	21.7	65.1

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#52

1,3-Dichloropropane

Concen: 20.60 ug/l

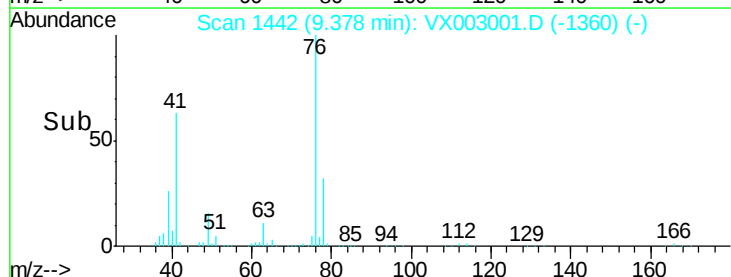
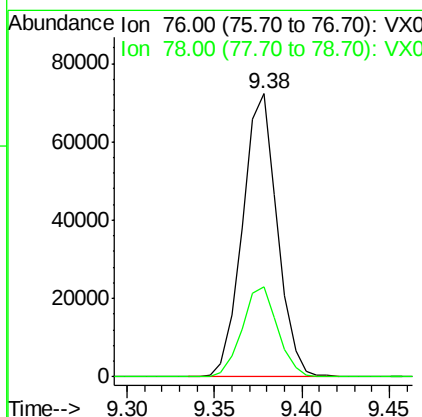
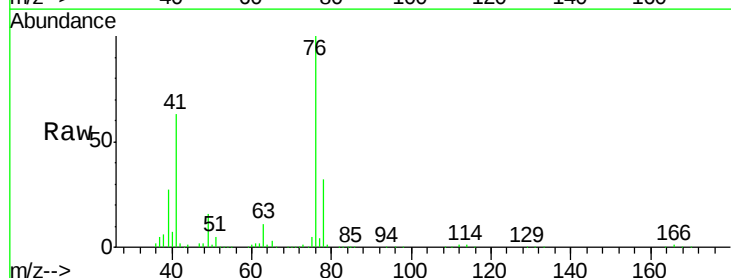
RT: 9.38 min Scan# 1442

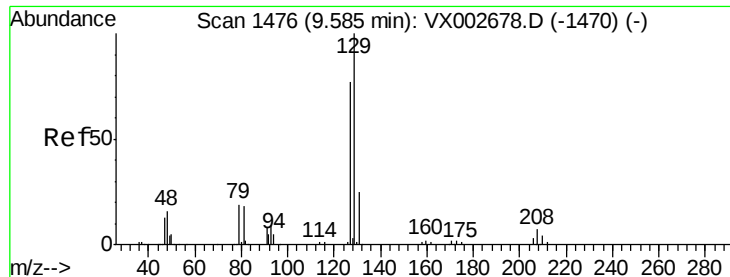
Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Tgt Ion:	76	Resp:	99663
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	63.4





#53

Dibromochloromethane

Concen: 20.36 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion:129 Resp: 64023

Ion Ratio Lower Upper

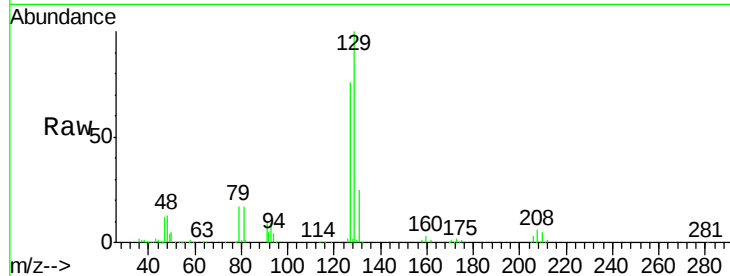
129 100

127 76.6 38.5 115.3

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.59

40000

30000

20000

10000

0

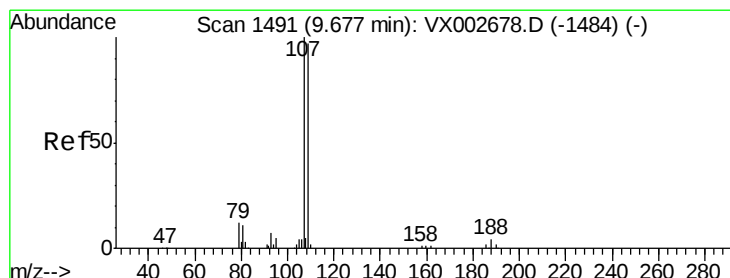
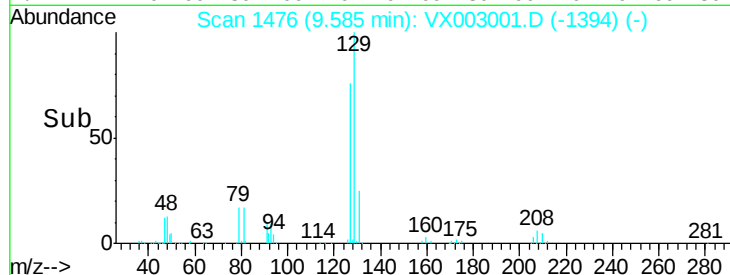
9.50

9.55

9.60

9.65

Time-->



#54

1,2-Dibromoethane

Concen: 20.56 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX003001.D

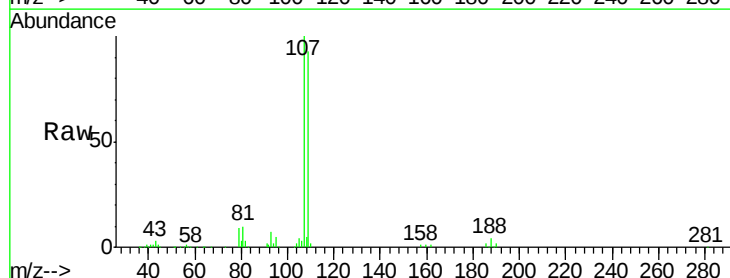
Acq: 28 Jun 2018 22:19

Tgt Ion:107 Resp: 64162

Ion Ratio Lower Upper

107 100

109 94.6 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.68

40000

30000

20000

10000

0

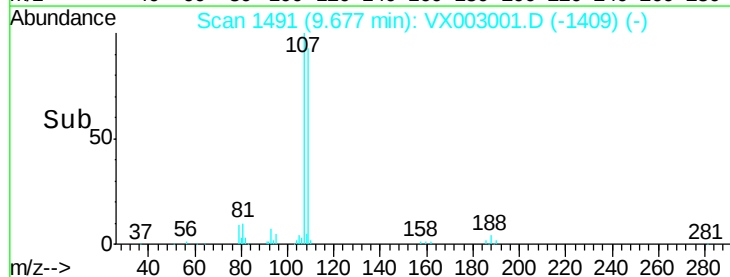
9.60

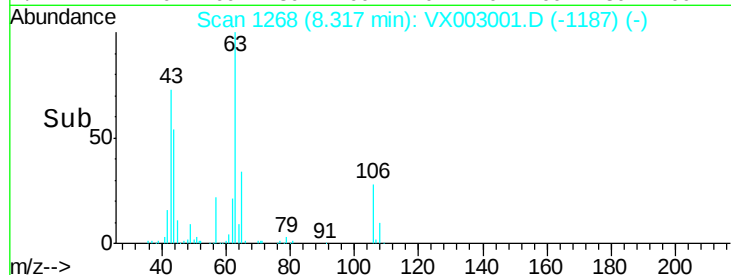
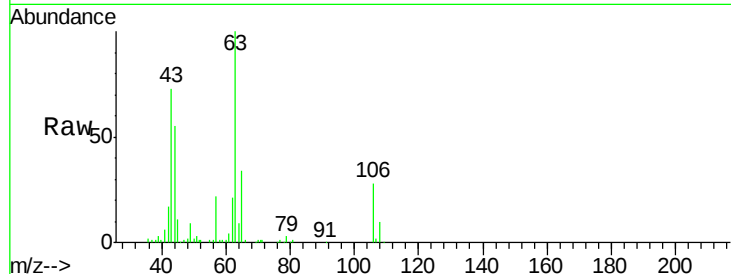
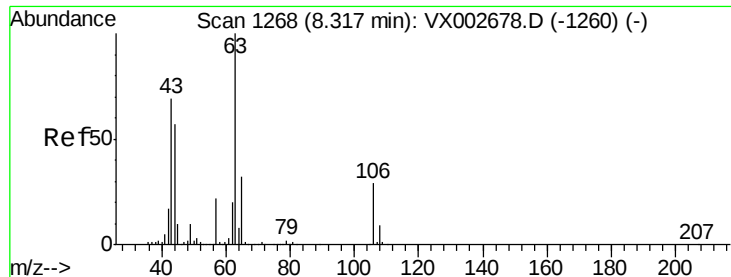
9.65

9.70

9.75

Time-->





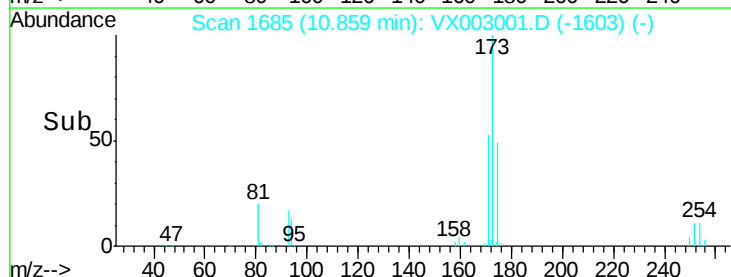
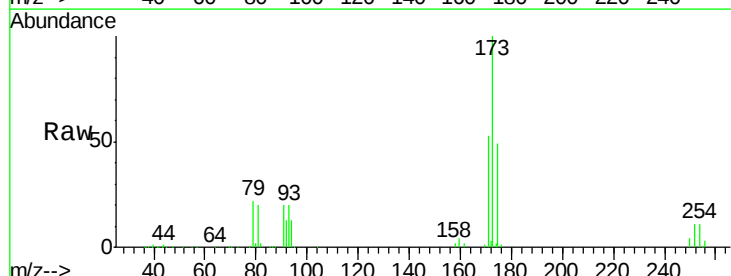
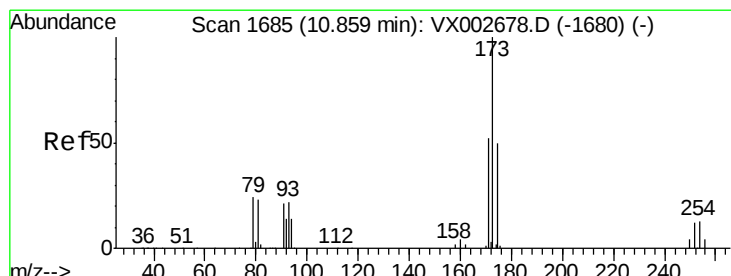
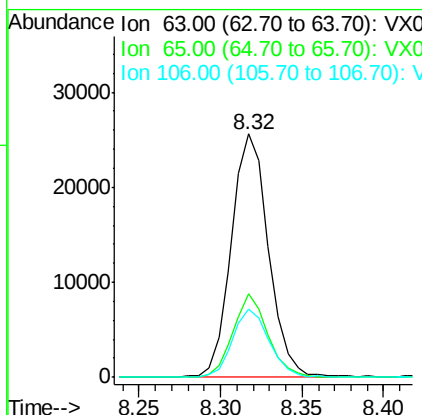
#55
2-Chloroethyl vinyl ether
Concen: 19.08 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.6	38.4
106	27.7	21.6	32.4

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

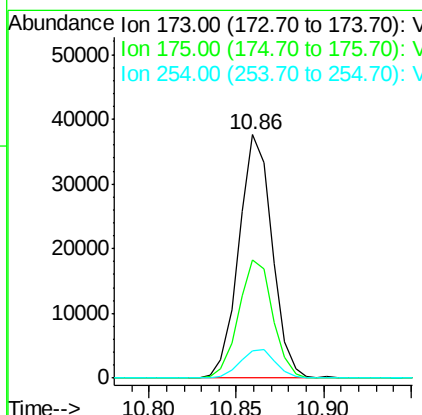
Manual Integrations
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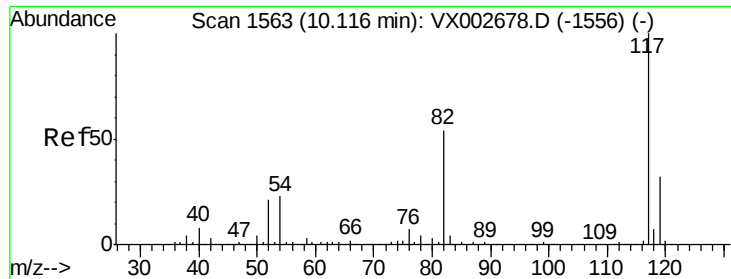
MMDadoda
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#56
Bromoform
Concen: 19.79 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.0	58.4
254	12.5	9.6	14.4





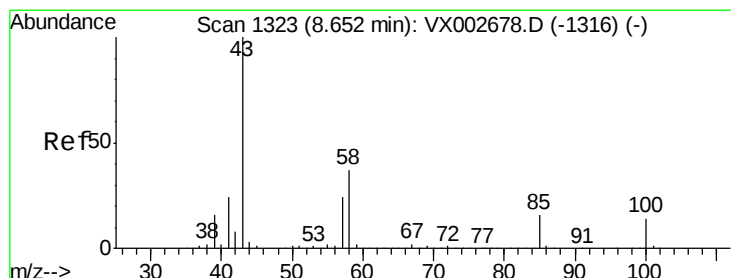
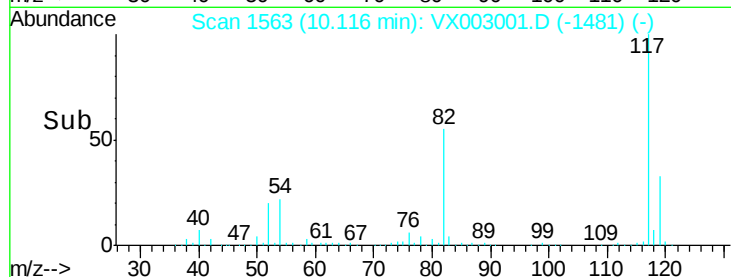
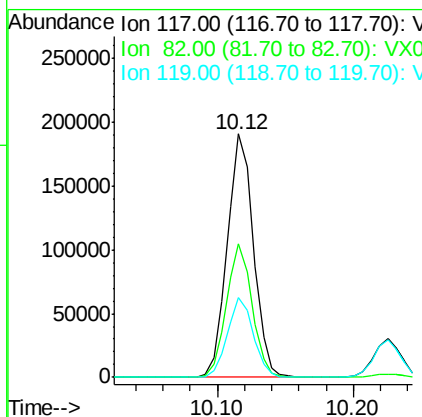
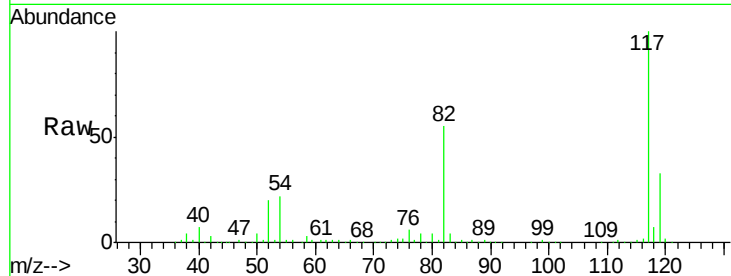
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.3	66.5
119	32.2	25.7	38.5

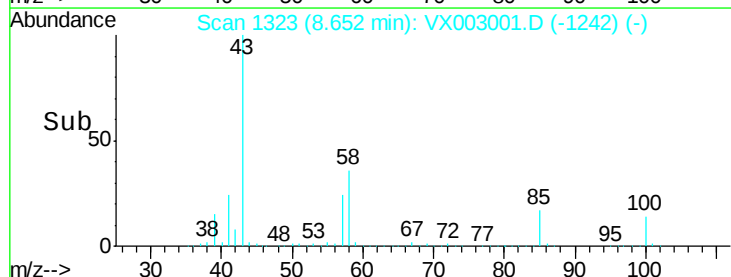
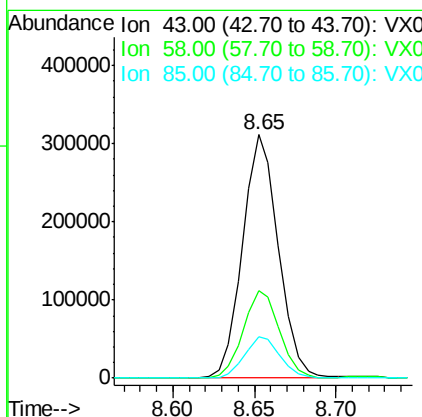
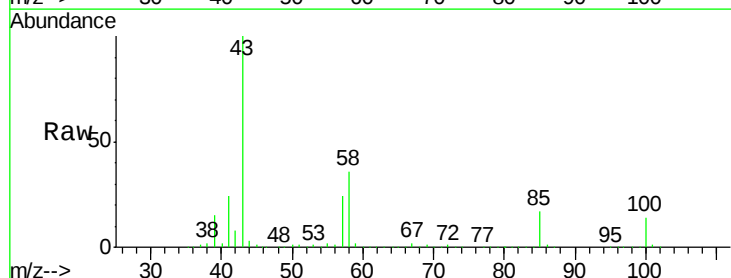
Manual Integrations
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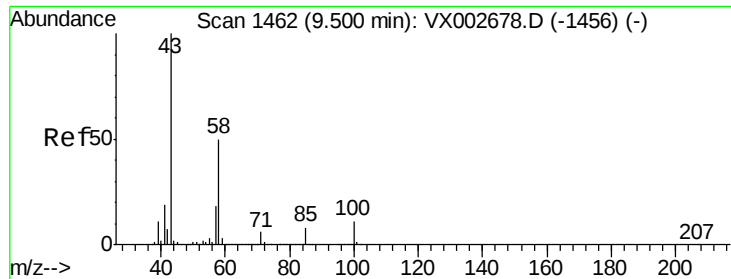
MMDadoda
6/29/2018 12:22:57 PM



#58
4-Methyl-2-Pentanone
Concen: 109.68 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.5	28.2	42.4
85	16.9	12.4	18.6





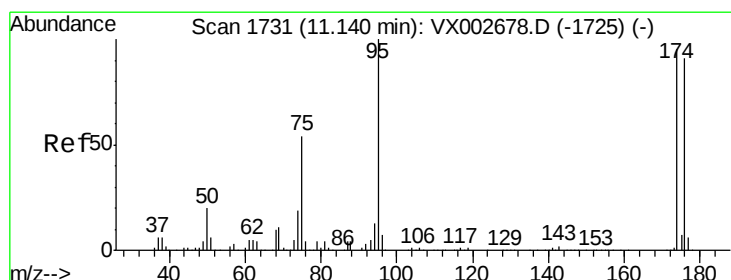
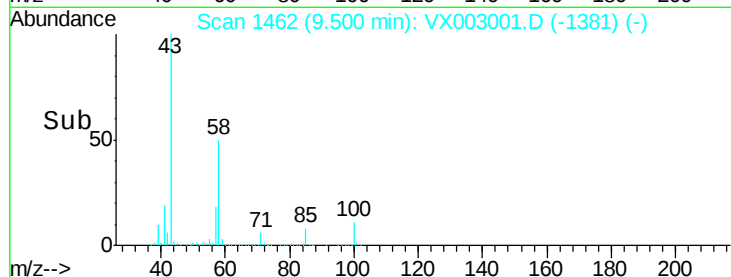
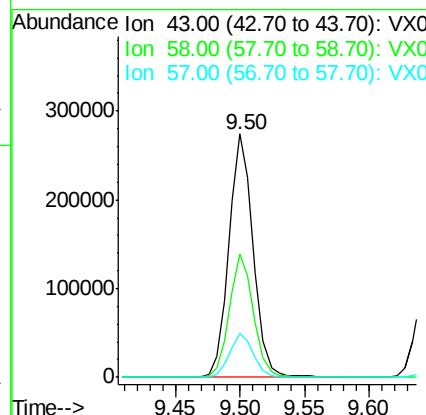
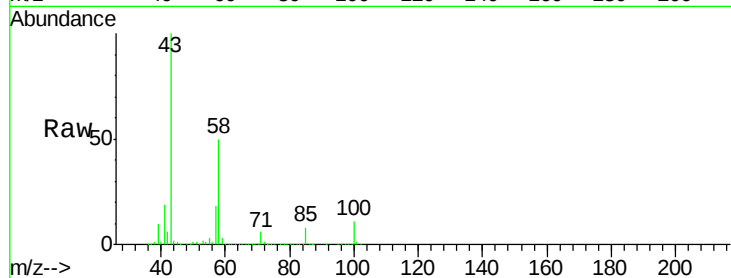
#59
2-Hexanone
Concen: 109.75 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion:	43	Resp:	363128
Ion Ratio	Lower	Upper	
43	100		
58	50.3	39.6	59.4
57	18.0	14.1	21.1

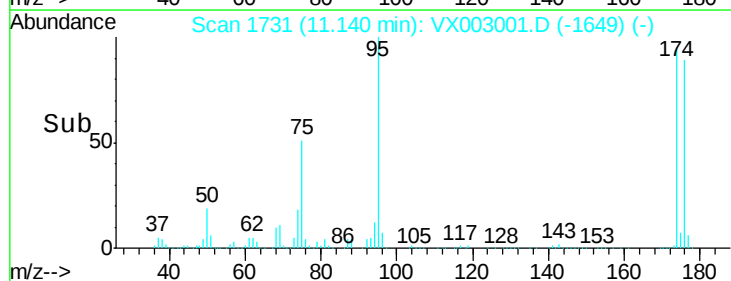
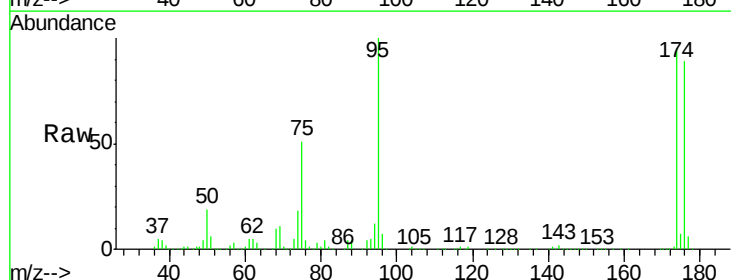
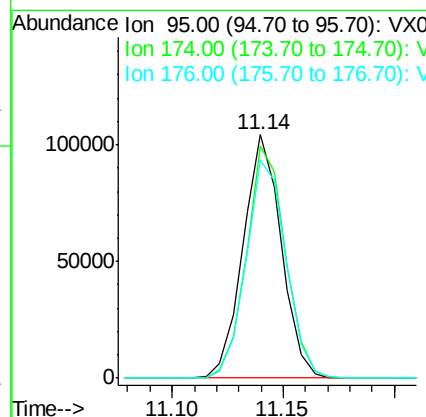
Manual Integrations
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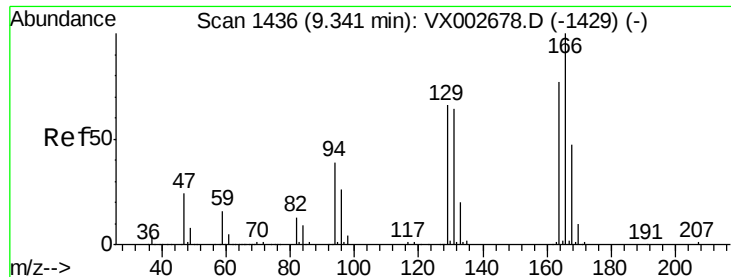
MMDadoda
6/29/2018 12:22:57 PM



#60
4-Bromofluorobenzene
Concen: 29.68 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion:	95	Resp:	124965
Ion Ratio	Lower	Upper	
95	100		
174	97.3	71.8	107.6
176	93.5	70.1	105.1





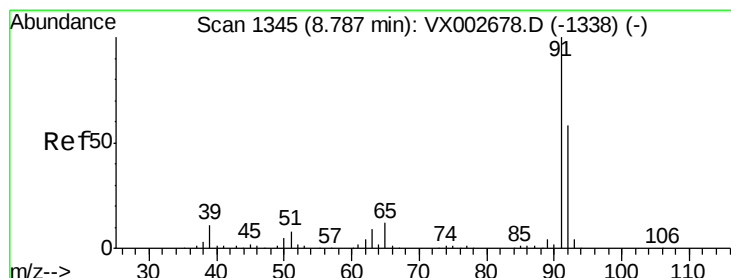
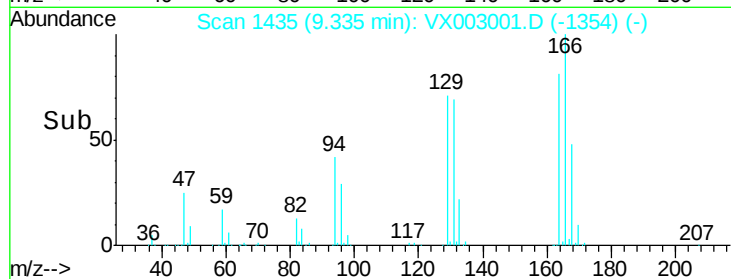
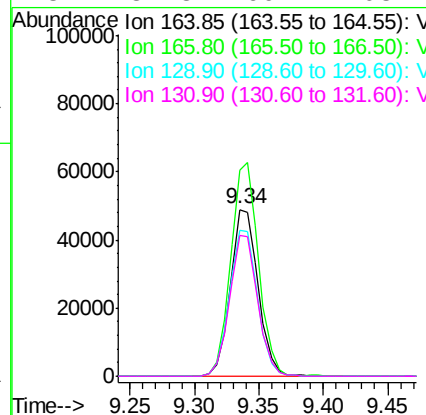
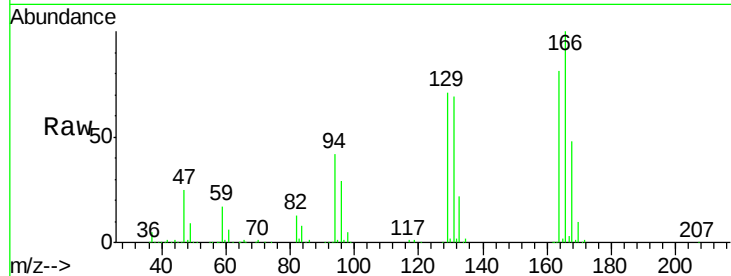
#61
 Tetrachloroethene
 Concen: 21.07 ug/l
 RT: 9.34 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion:	164	Resp:	73712
Ion	Ratio	Lower	Upper
164	100		
166	123.5	102.4	153.6
129	87.9	70.1	105.1
131	84.8	69.1	103.7

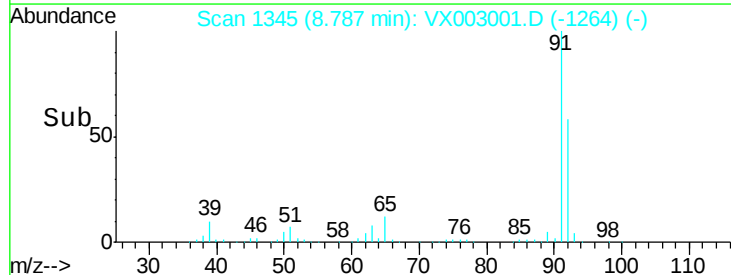
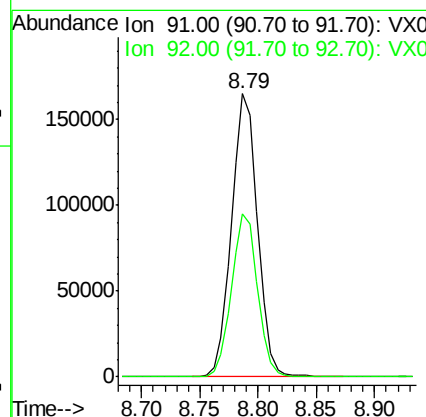
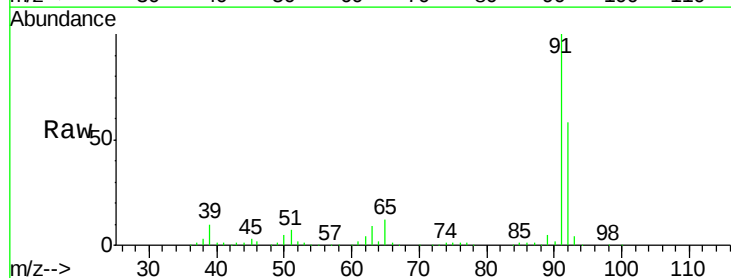
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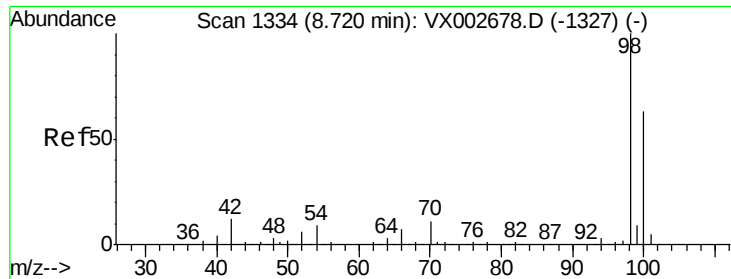
MMDadoda
 6/29/2018 12:22:57 PM



#62
 Toluene
 Concen: 20.82 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion:	91	Resp:	255856
Ion	Ratio	Lower	Upper
91	100		
92	57.9	46.5	69.7





#63

Toluene-d8

Concen: 29.82 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 98 Resp: 332089

Ion Ratio Lower Upper

98 100

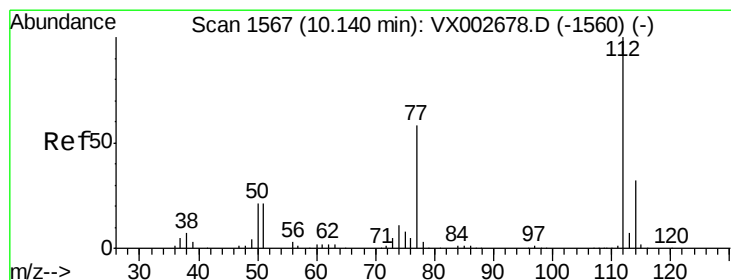
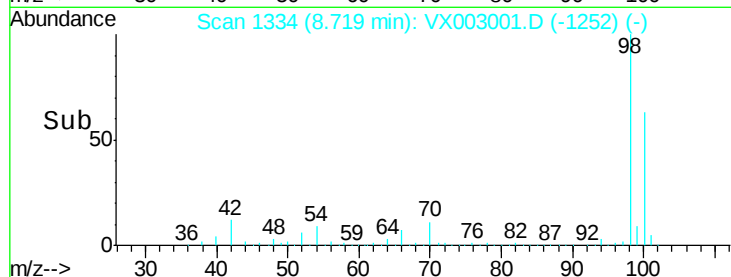
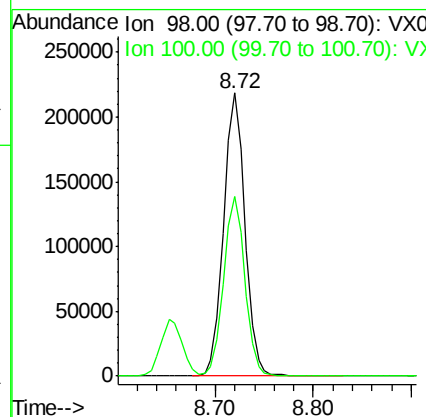
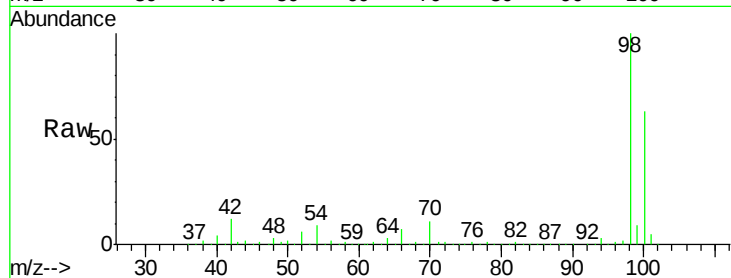
100 63.6 50.8 76.2

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#64

Chlorobenzene

Concen: 20.71 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX003001.D

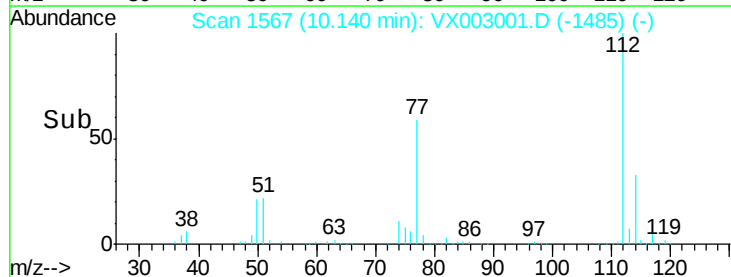
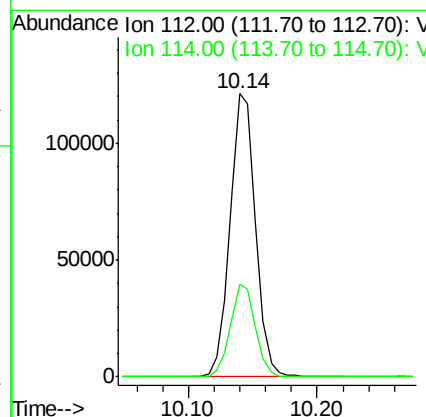
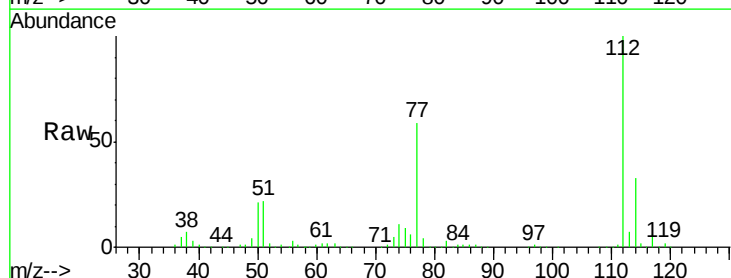
Acq: 28 Jun 2018 22:19

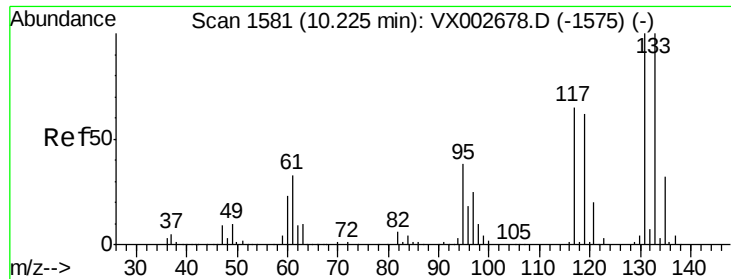
Tgt Ion: 112 Resp: 169078

Ion Ratio Lower Upper

112 100

114 32.7 25.6 38.4





#65

1,1,1,2-Tetrachloroethane

Concen: 21.34 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion:131 Resp: 63874

Ion Ratio Lower Upper

131 100

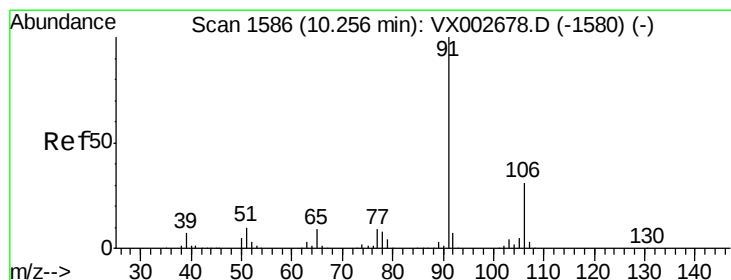
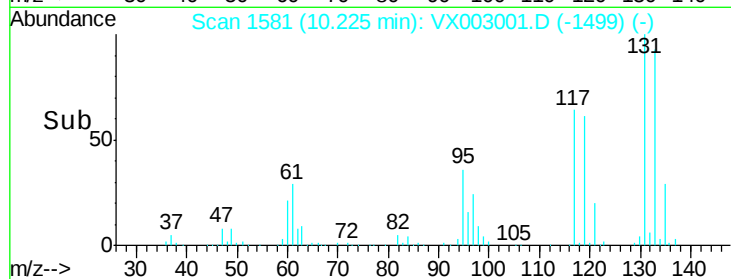
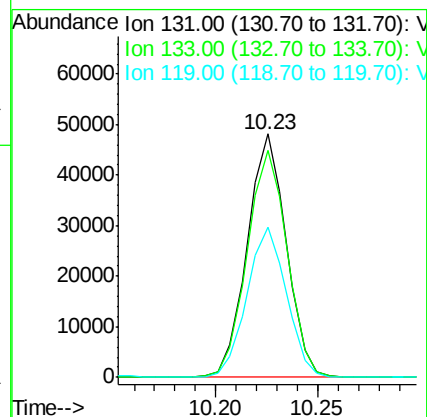
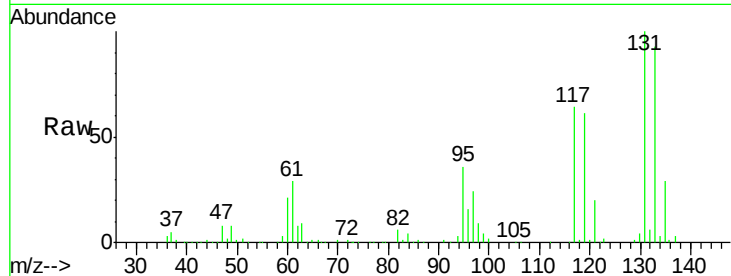
133 95.9 0.0 191.2

119 62.8 0.0 125.4

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#66

Ethyl Benzene

Concen: 20.60 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX003001.D

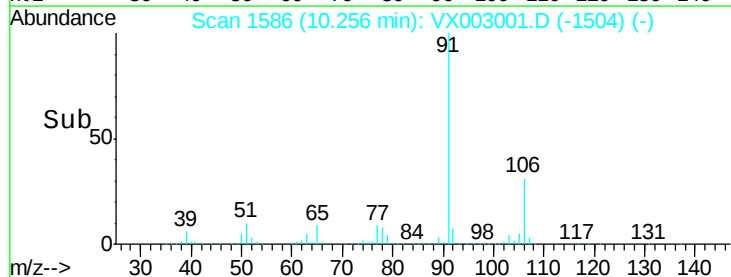
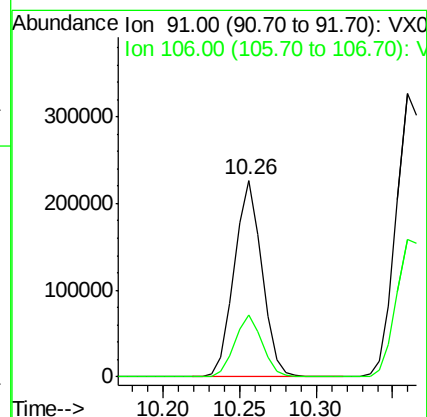
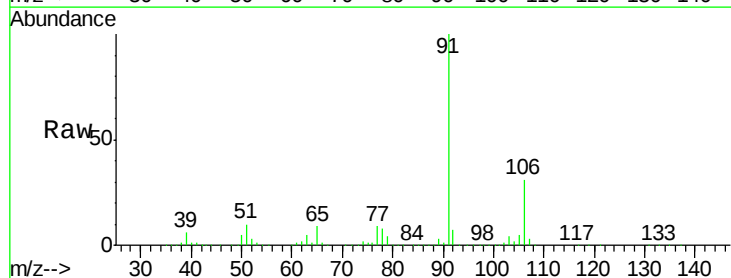
Acq: 28 Jun 2018 22:19

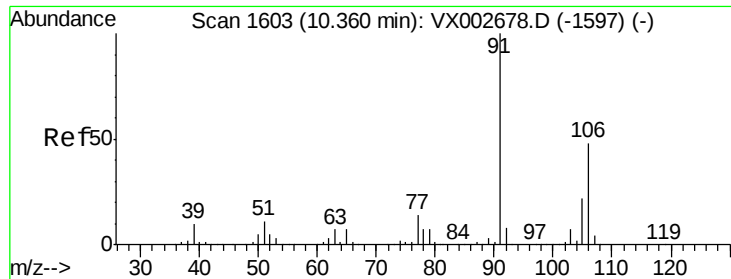
Tgt Ion: 91 Resp: 285042

Ion Ratio Lower Upper

91 100

106 31.2 25.2 37.8





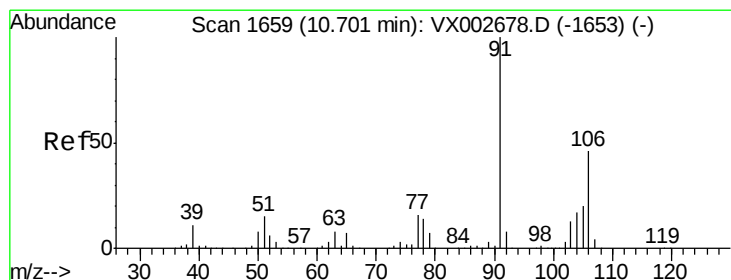
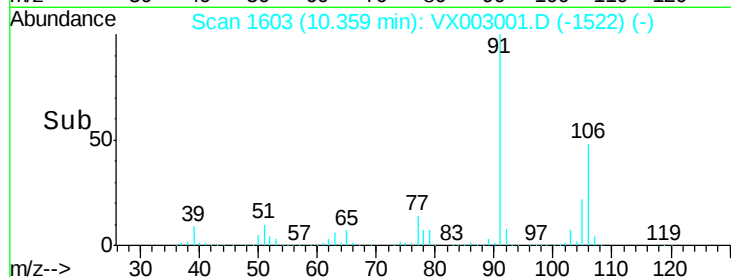
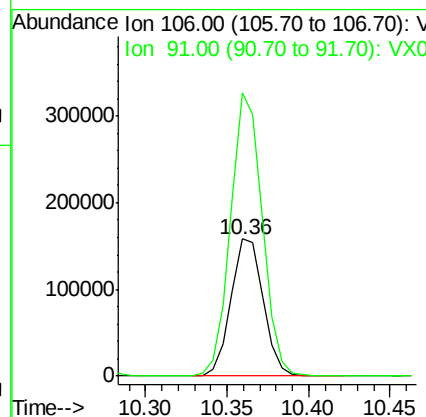
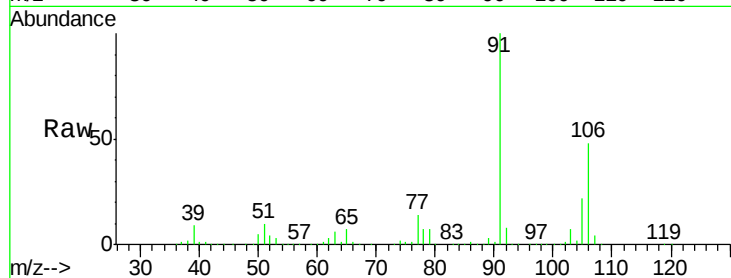
#67
m/p-Xvlenes
Concen: 40.57 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion:106 Resp: 218202
Ion Ratio Lower Upper
106 100
91 202.5 164.1 246.1

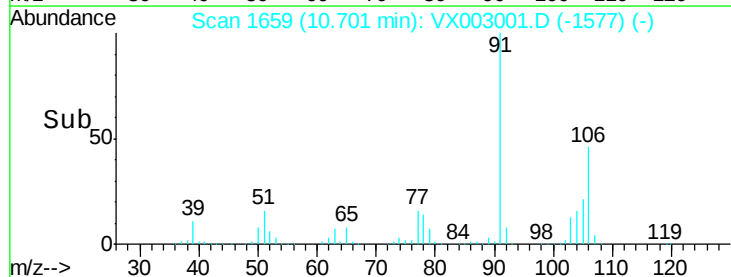
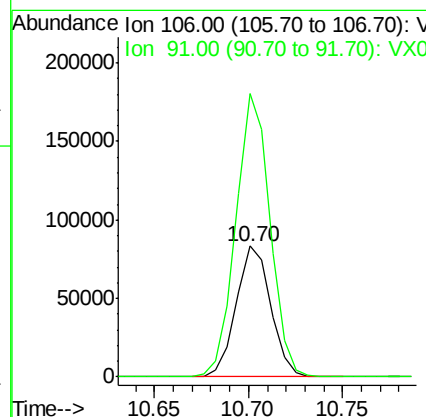
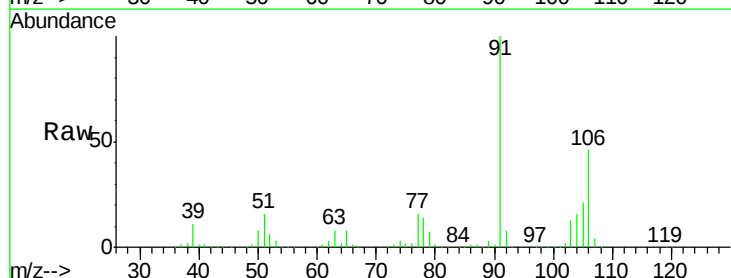
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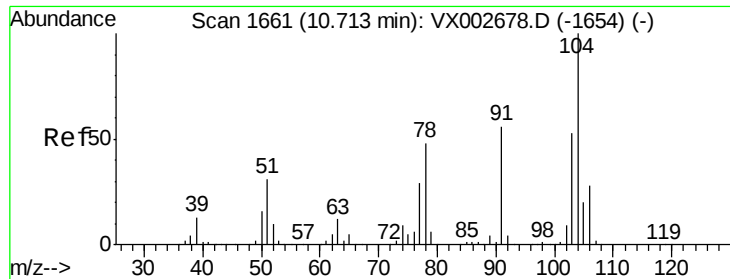
MMDadoda
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#68
o-Xylene
Concen: 20.22 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion:106 Resp: 105957
Ion Ratio Lower Upper
106 100
91 214.8 109.1 327.3





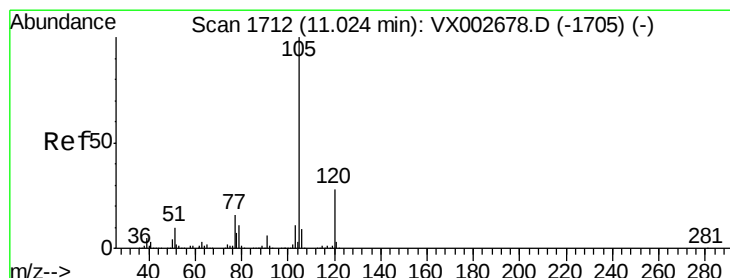
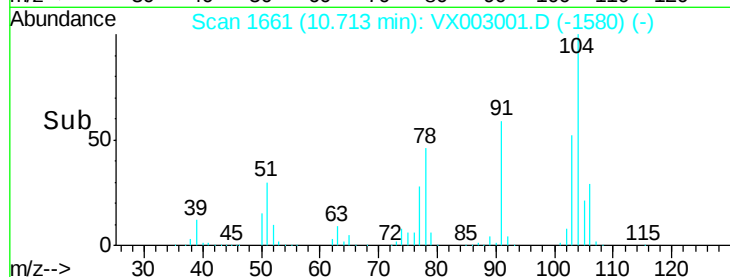
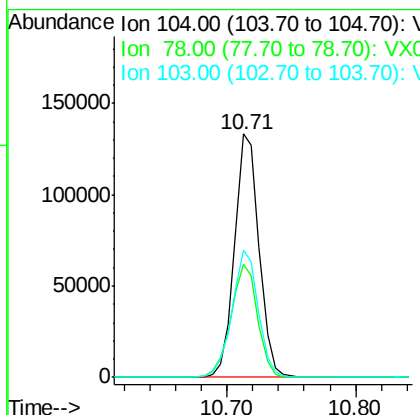
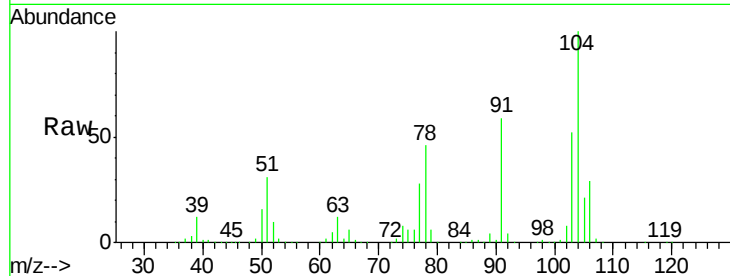
#69
Stvrene
Concen: 20.22 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.8	62.8
103	55.6	44.9	67.3

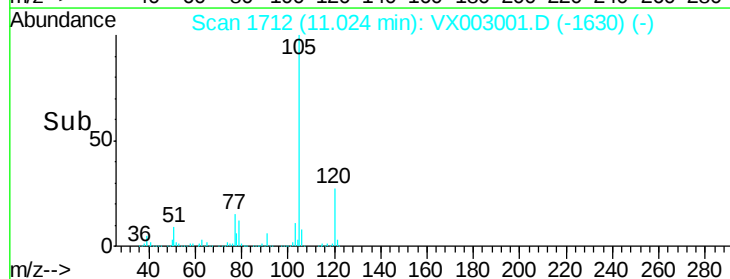
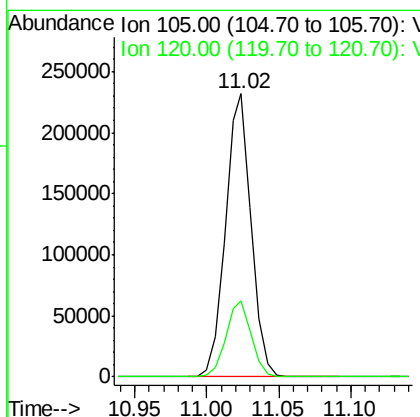
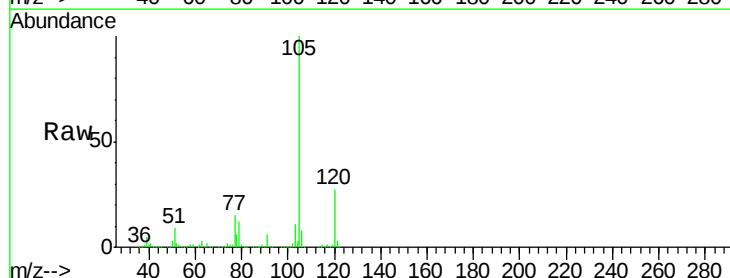
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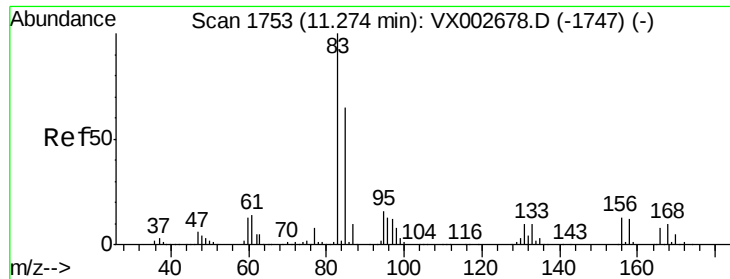
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#70
Isopropylbenzene
Concen: 20.00 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	19.0	35.2





#71

1,1,2,2-Tetrachloroethane

Concen: 21.79 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

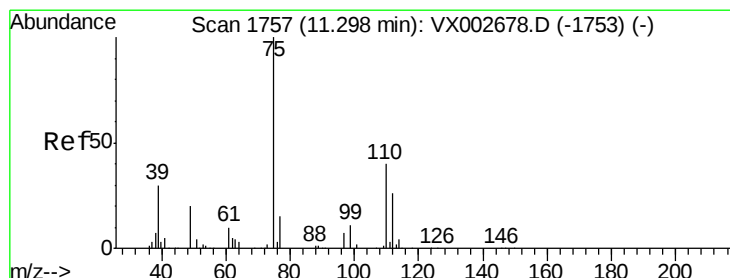
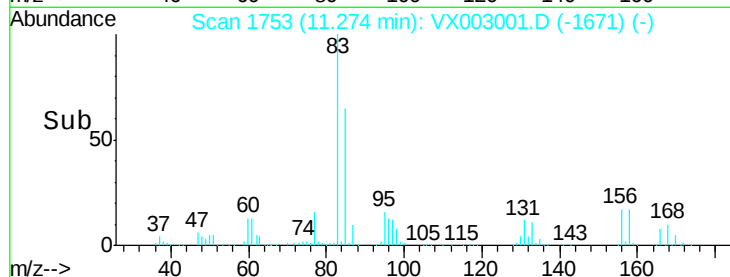
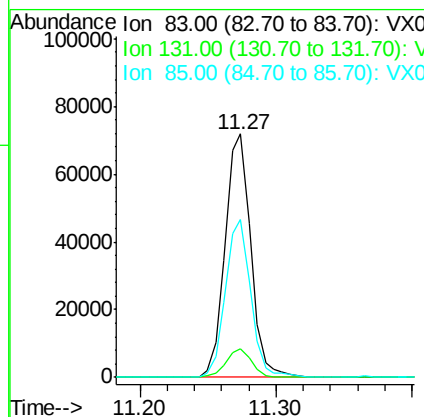
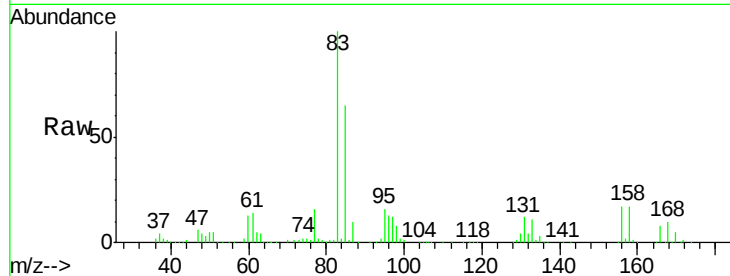
ClientSampleId :

VX0628WBS02

Tot Ion:	83	Resp:	94103
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.4	16.2
85	64.3	32.4	97.2

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 21.30 ug/l m

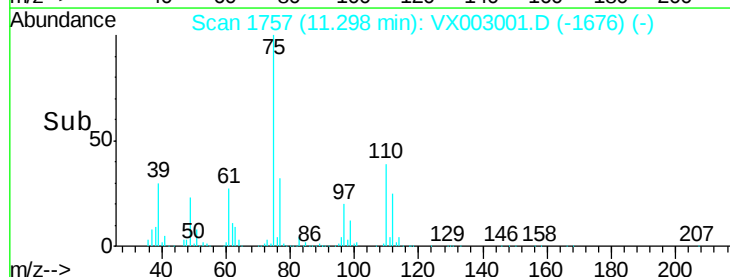
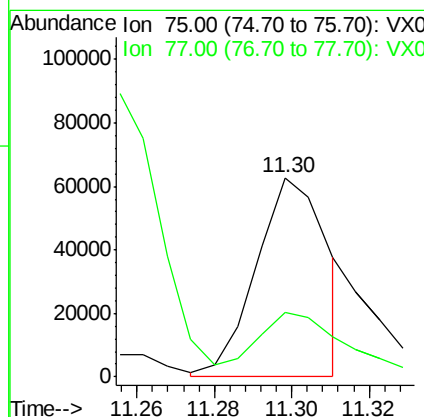
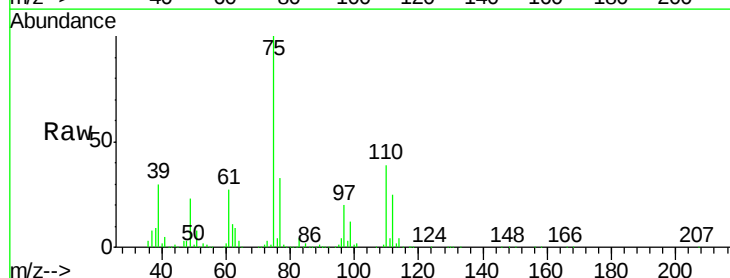
RT: 11.30 min Scan# 1757

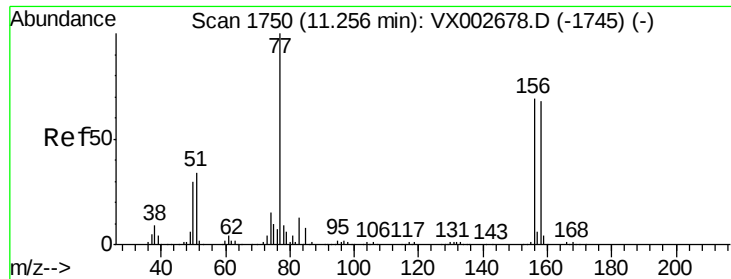
Delta R.T. -0.01 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Tgt Ion:	75	Resp:	79756
Ion Ratio	Lower	Upper	
75	100		
77	41.1	0.0	71.8





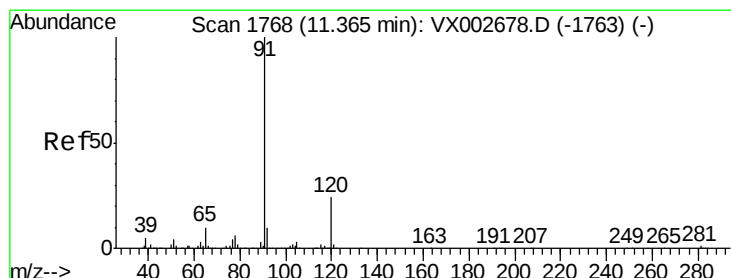
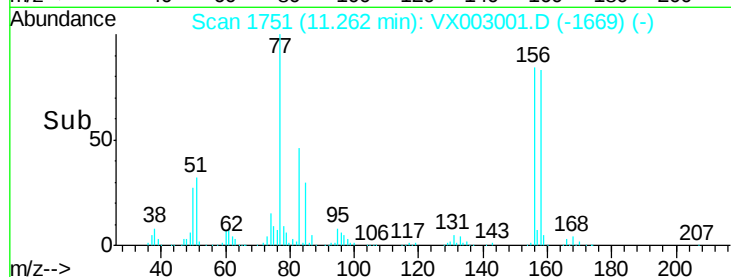
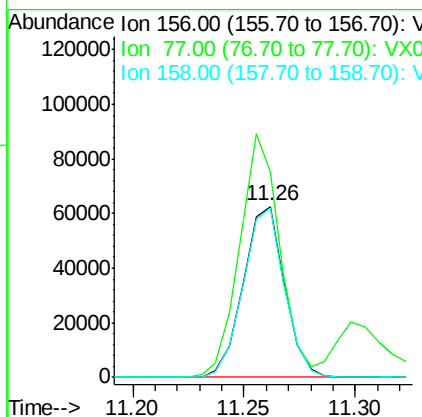
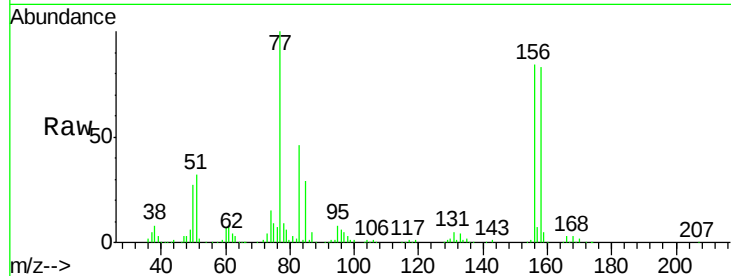
#73
Bromobenzene
Concen: 20.22 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		81238		
77	137.6	0.0	301.0		
158	98.6	0.0	196.2		

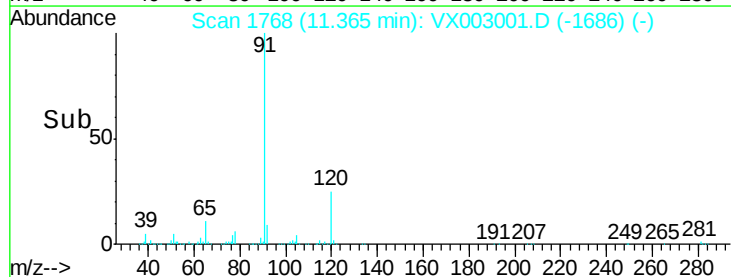
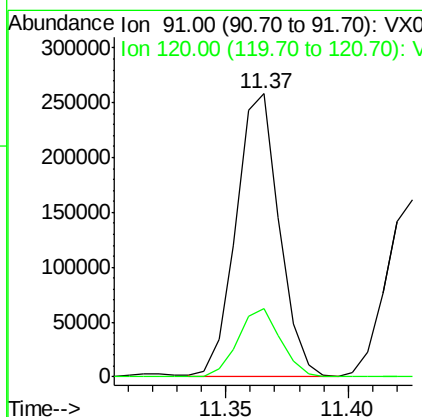
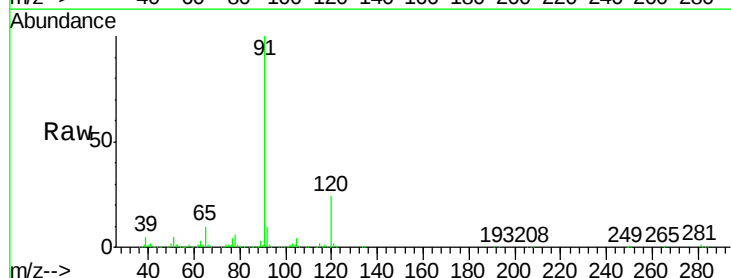
Manual Integrations
APPROVED

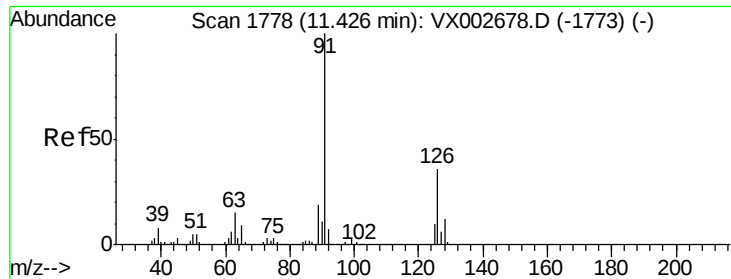
MMDadoda
6/29/2018 12:22:57 PM



#74
n-propylbenzene
Concen: 18.90 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		316965		
120	23.9	0.0	46.2		





#75

2-Chlorotoluene

Concen: 20.41 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 91 Resp: 199187

Ion Ratio Lower Upper

91 100

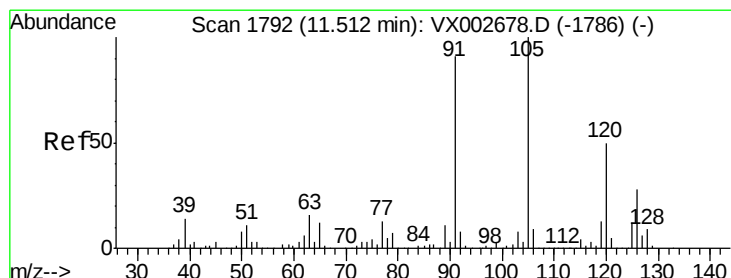
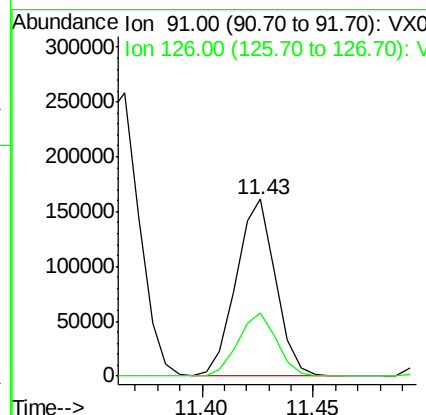
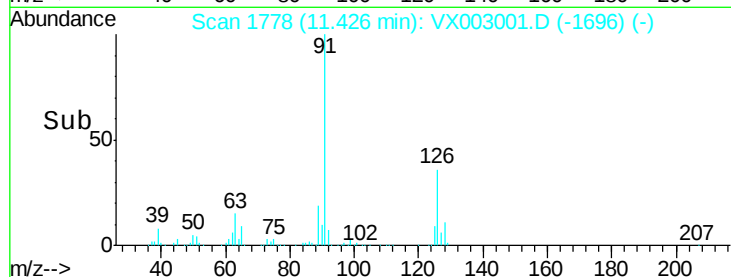
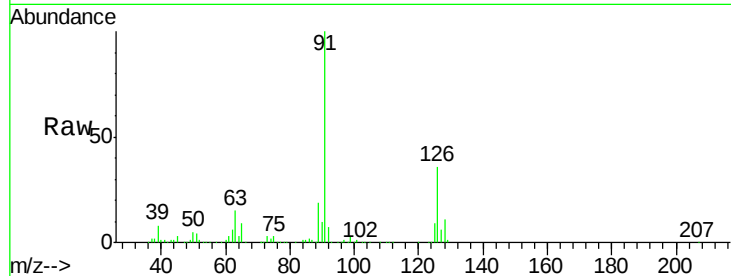
126 35.2 0.0 69.4

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 19.27 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003001.D

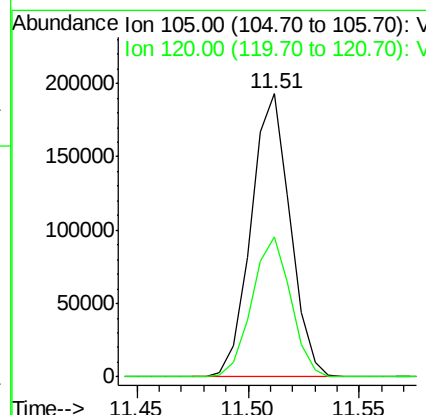
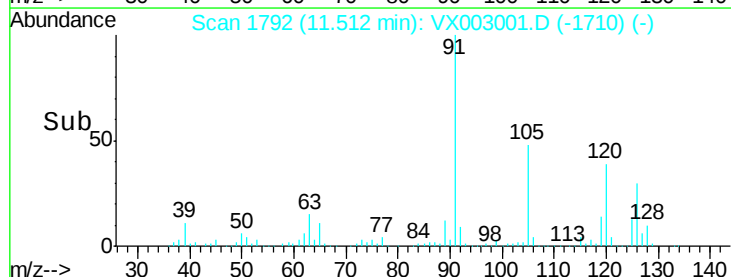
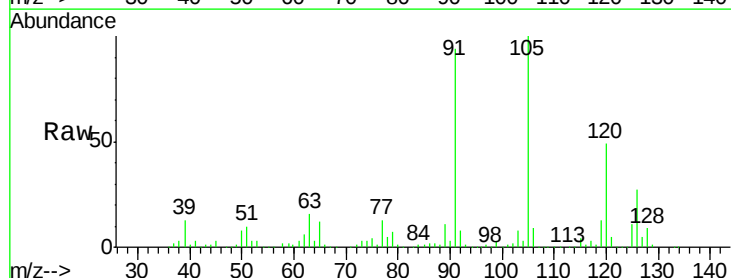
Acq: 28 Jun 2018 22:19

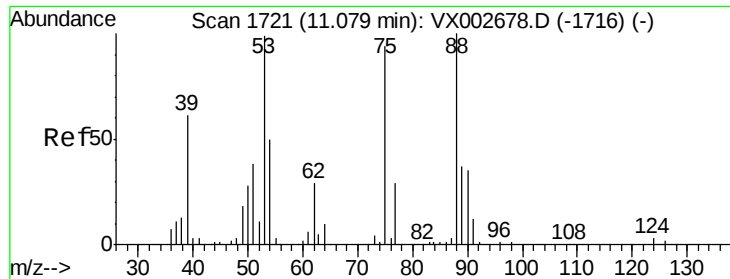
Tgt Ion: 105 Resp: 236347

Ion Ratio Lower Upper

105 100

120 48.9 0.0 96.8





#77

t-1,4-Dichloro-2-butene

Concen: 16.16 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleId :

VX0628WBS02

Tot Ion: 75 Resp: 19465

Ion Ratio Lower Upper

75 100

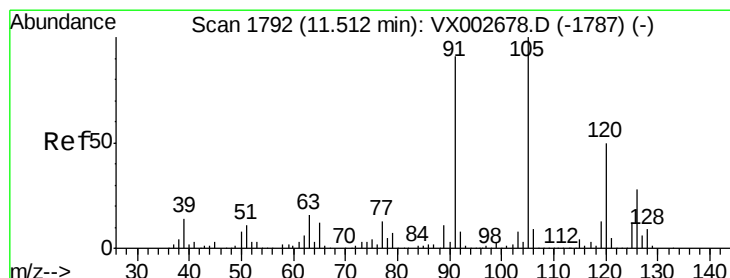
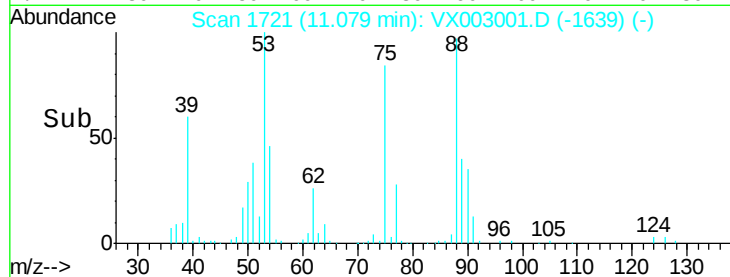
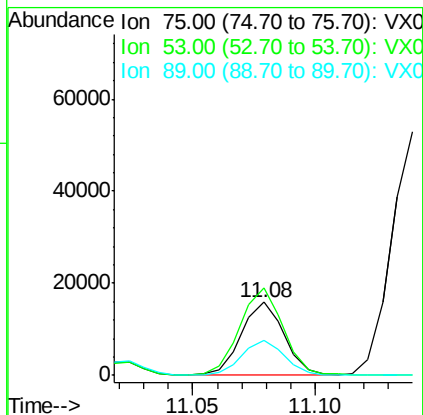
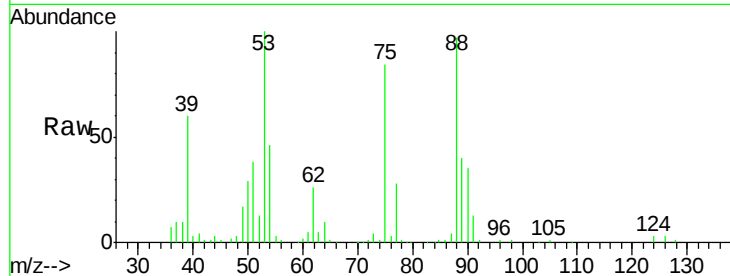
53 119.3 48.3 144.9

89 47.6 21.8 65.4

Manual Integrations
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#78

4-Chlorotoluene

Concen: 19.75 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX003001.D

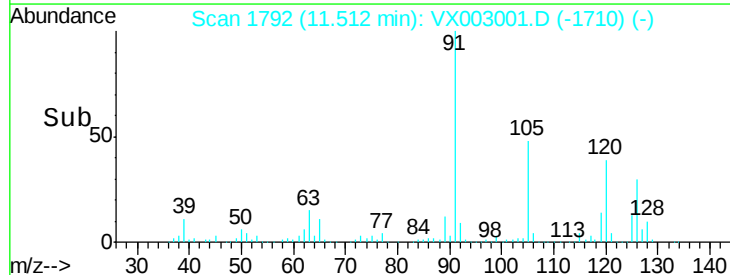
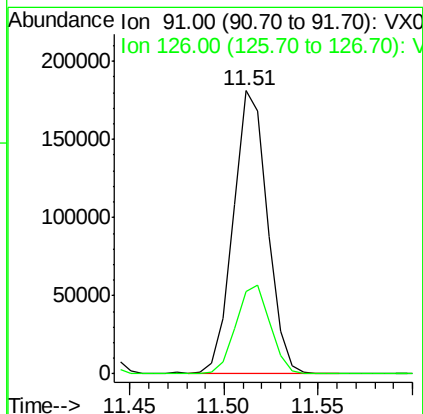
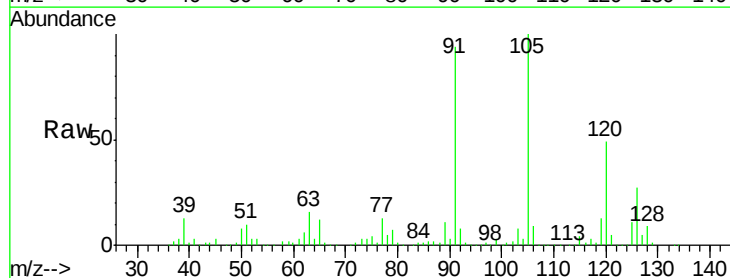
Acq: 28 Jun 2018 22:19

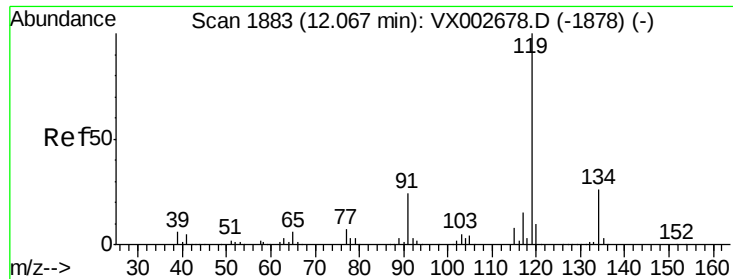
Tgt Ion: 91 Resp: 228349

Ion Ratio Lower Upper

91 100

126 31.5 0.0 61.0





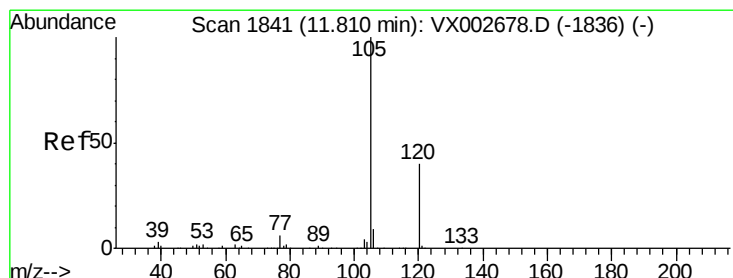
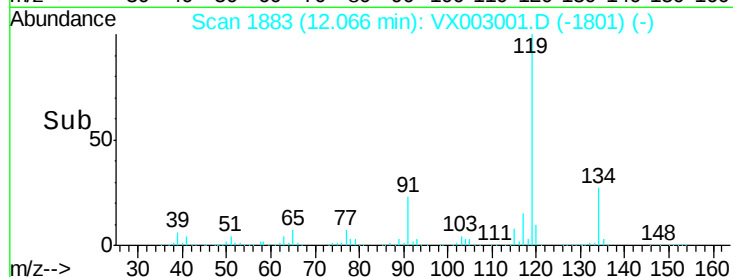
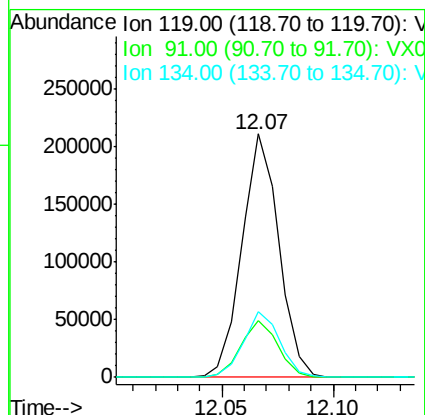
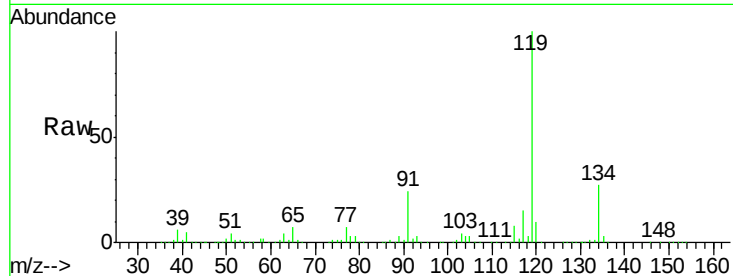
#79
tert-butylbenzene
Concen: 18.01 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	243650		
91	23.3	0.0	48.0	
134	26.9	0.0	52.6	

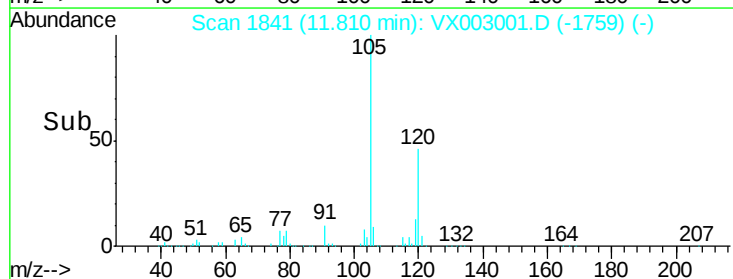
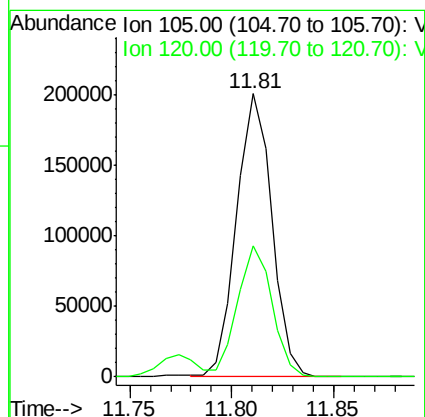
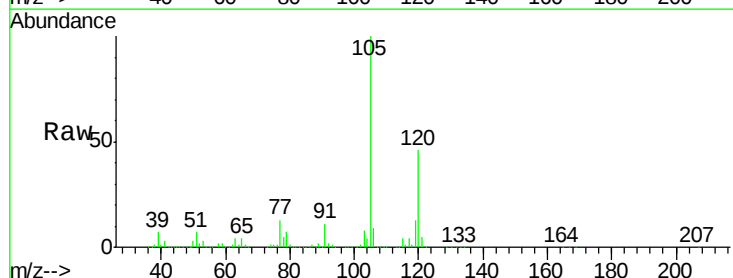
Manual Integrations
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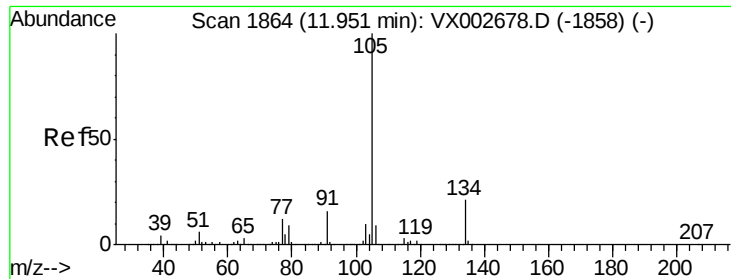
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 19.19 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	240418		
120	45.0	0.0	89.2	





#81

sec-Butylbenzene

Concen: 18.26 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

Instrument :

MSVOA_X

ClientSampleID :

VX0628WBS02

Tot Ion:105 Resp: 273959

Ion Ratio Lower Upper

105 100

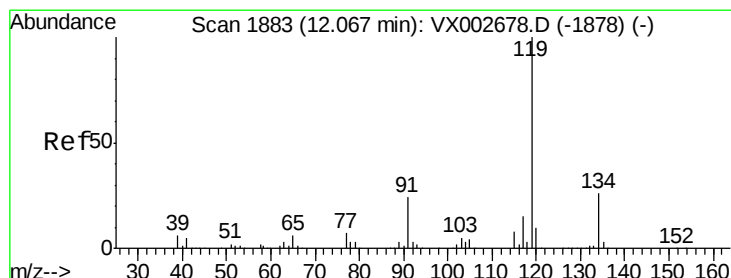
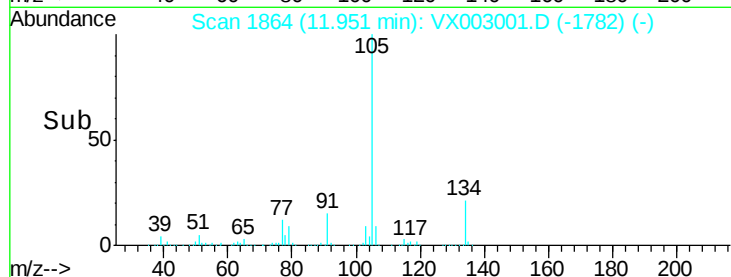
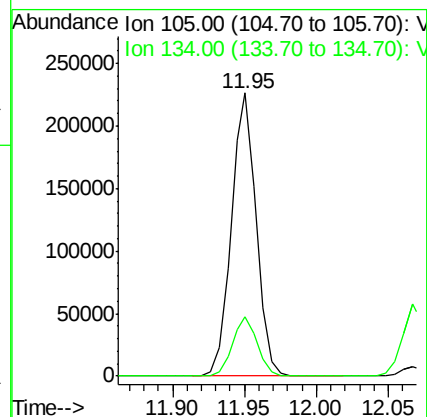
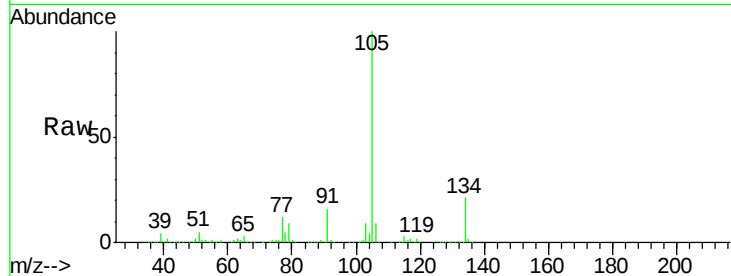
134 20.8 0.0 41.6

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#82

p-Isopropyltoluene

Concen: 18.01 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX003001.D

Acq: 28 Jun 2018 22:19

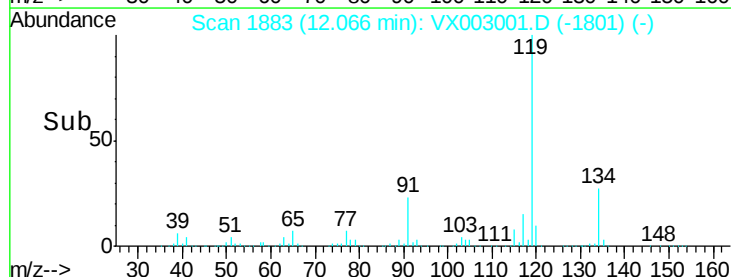
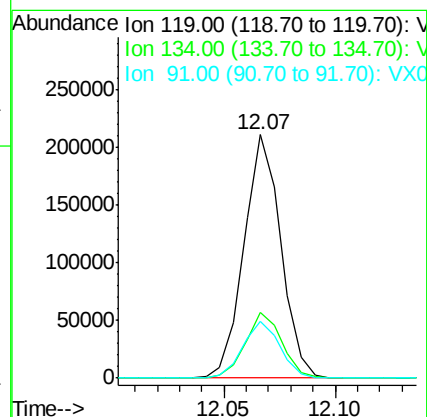
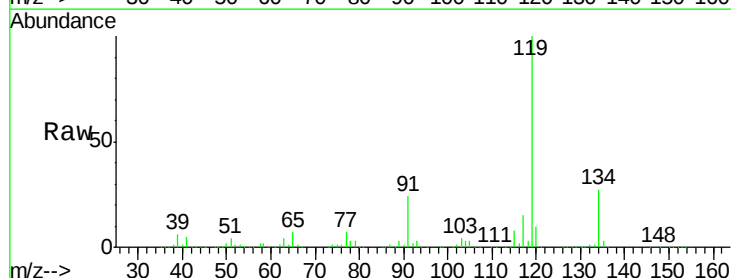
Tgt Ion:119 Resp: 243650

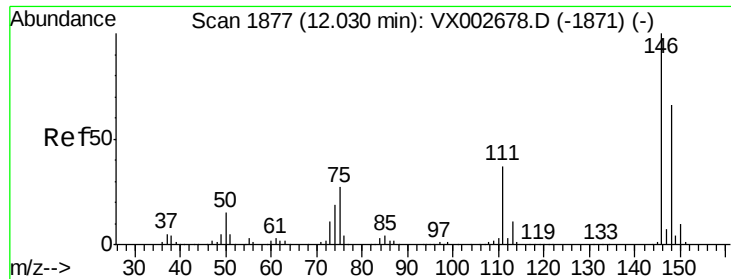
Ion Ratio Lower Upper

119 100

134 26.9 0.0 52.6

91 23.3 0.0 48.0





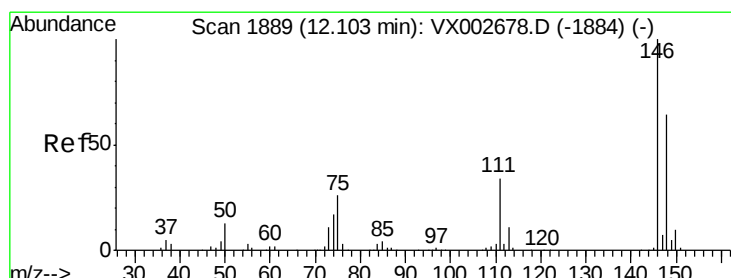
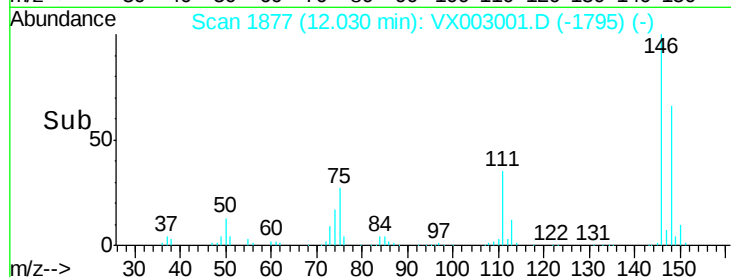
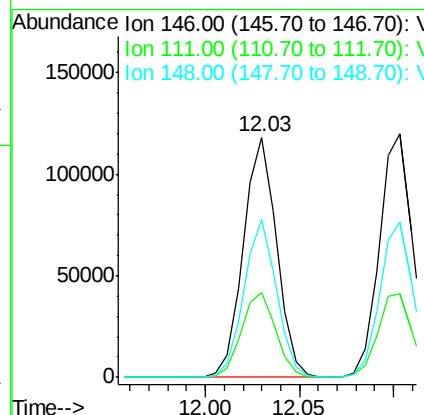
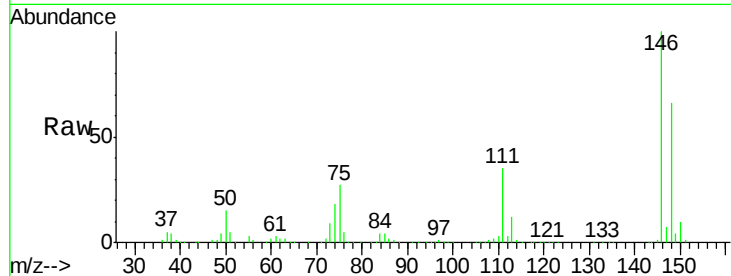
#83
 1,3-Dichlorobenzene
 Concen: 19.60 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.4	19.1	57.5
148	64.4	31.9	95.7

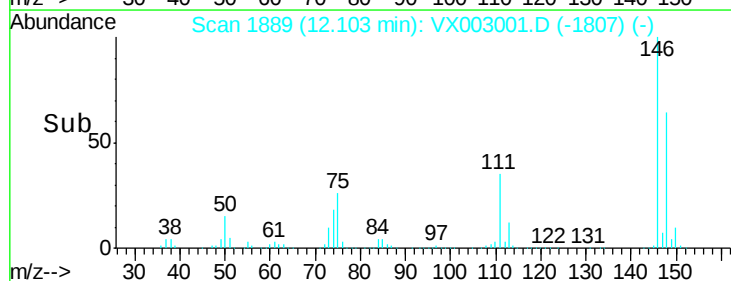
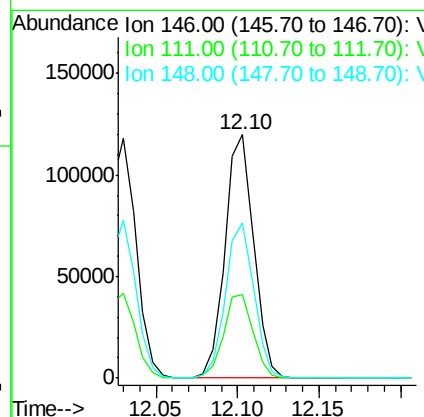
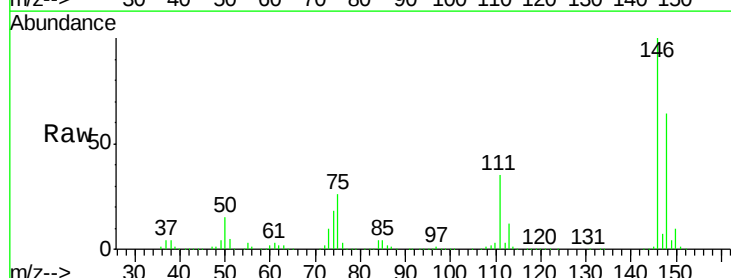
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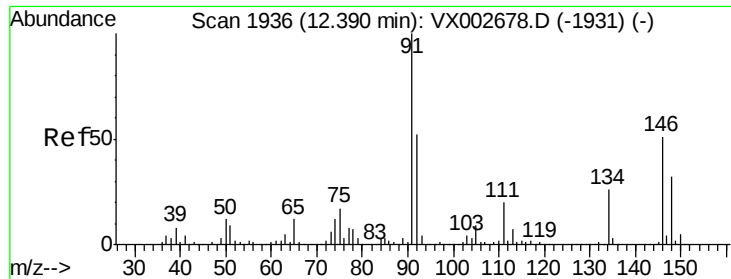
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#84
 1,4-Dichlorobenzene
 Concen: 19.71 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.4	18.5	55.5
148	63.4	32.0	96.0





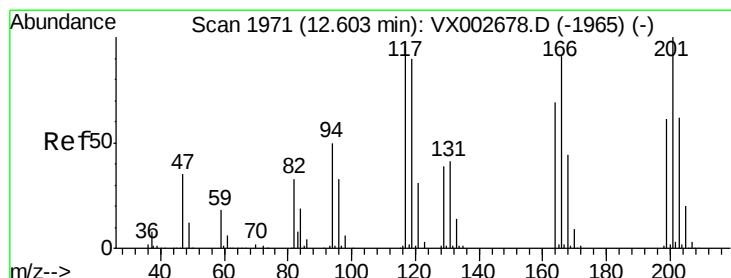
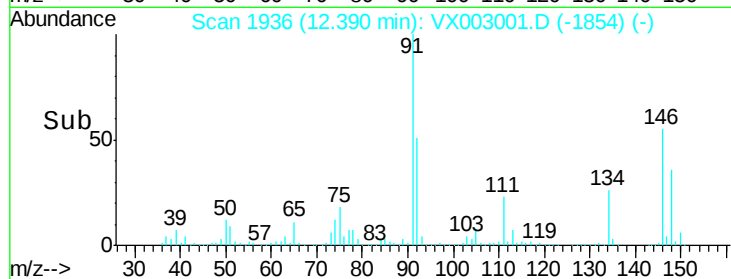
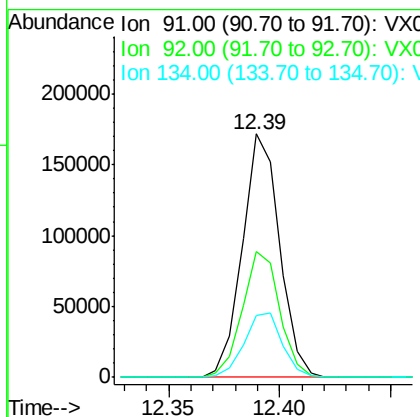
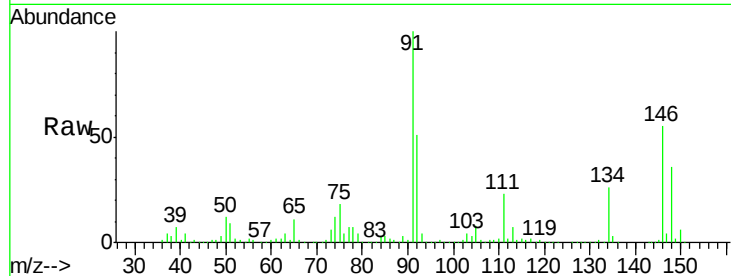
#85
n-Butylbenzene
Concen: 16.73 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	200590		
92	51.9	0.0	105.2	
134	27.1	0.0	53.2	

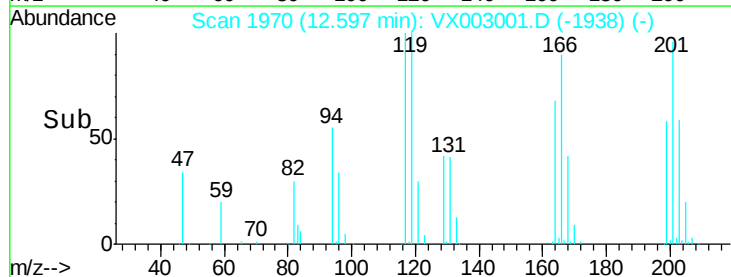
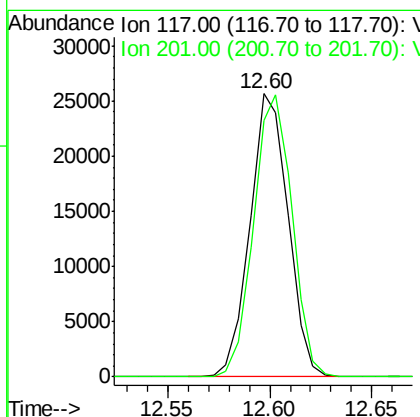
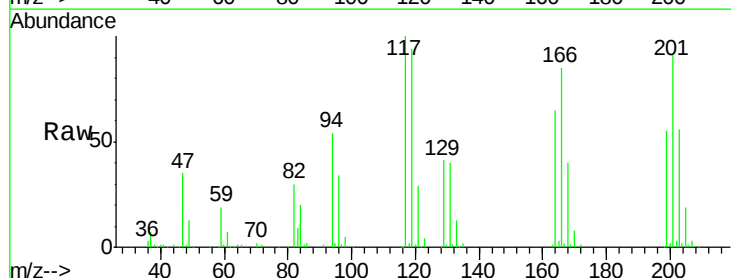
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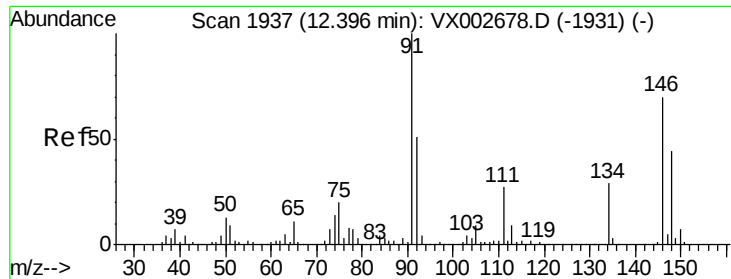
MMDadoda
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#86
Hexachloroethane
Concen: 16.27 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.01 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33376		
201	100.5	47.6	142.8	





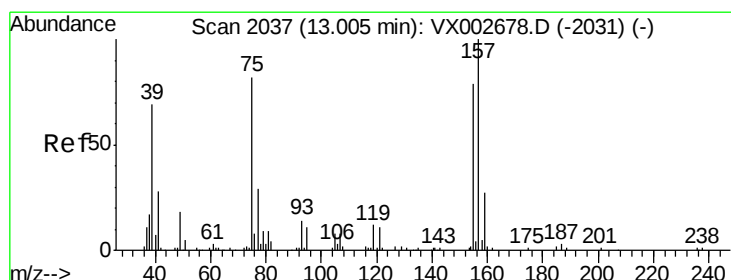
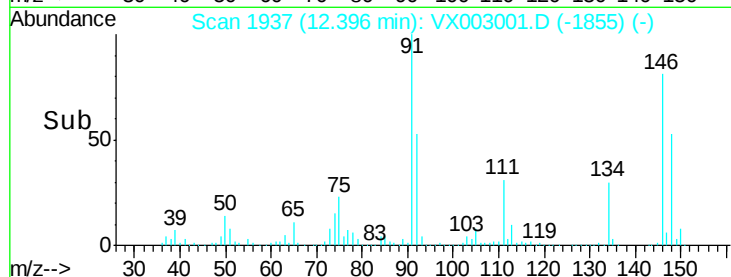
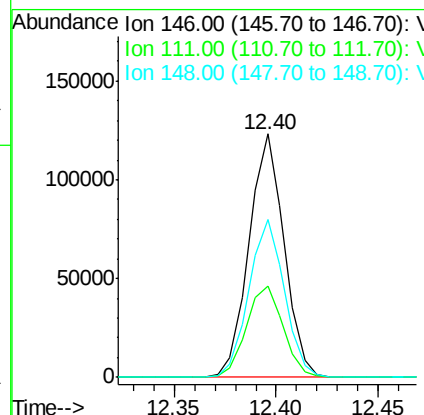
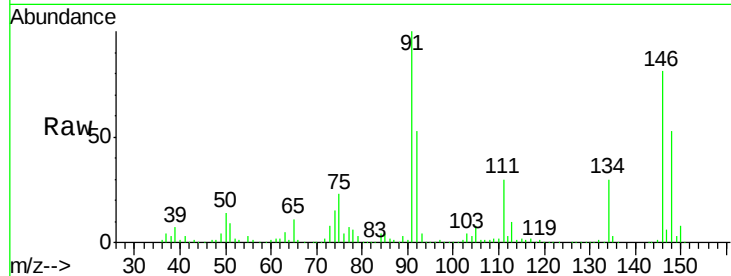
#87
 1,2-Dichlorobenzene
 Concen: 19.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	147840		
111	39.3	20.0	59.9	
148	65.4	32.8	98.3	

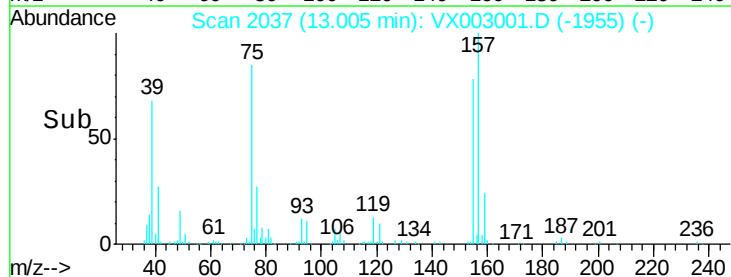
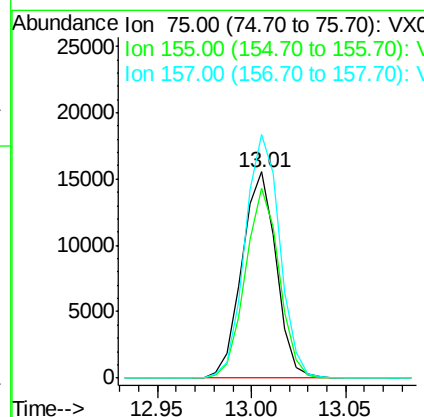
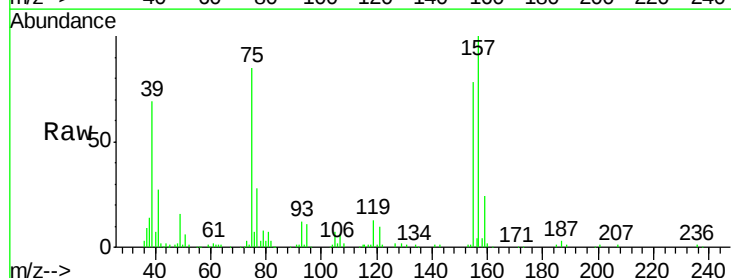
Manual Integrations
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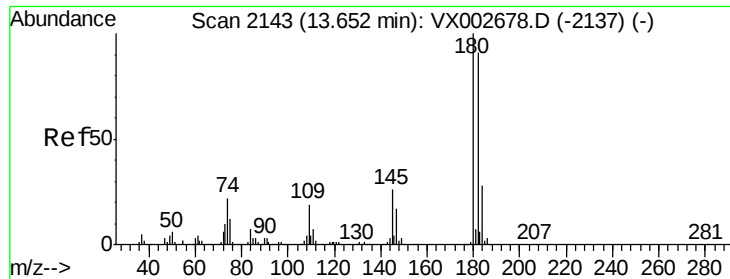
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.33 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19611		
155	90.8	73.1	109.7	
157	119.7	93.1	139.7	





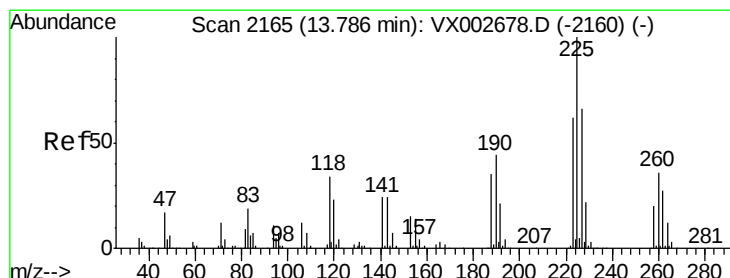
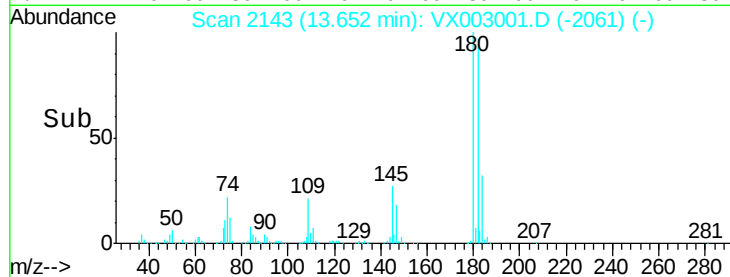
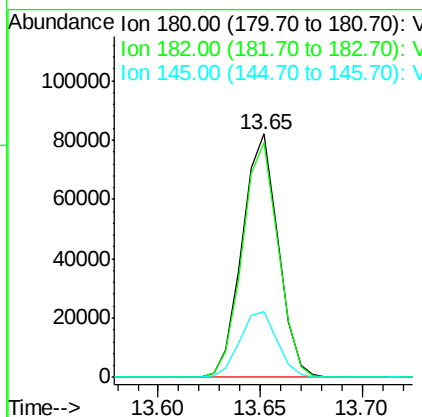
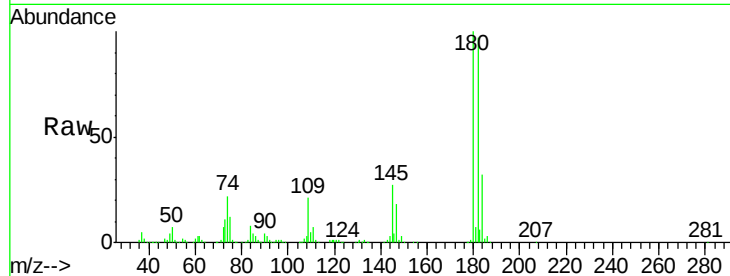
#89
 1,2,4-Trichlorobenzene
 Concen: 17.88 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0628WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	100801		
182	96.4		76.4	114.6
145	28.3		22.9	34.3

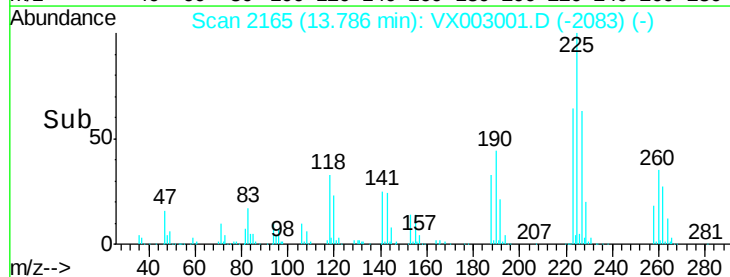
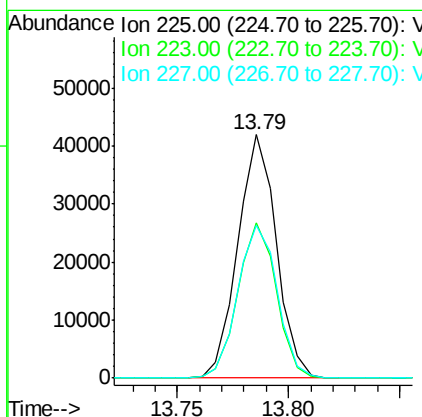
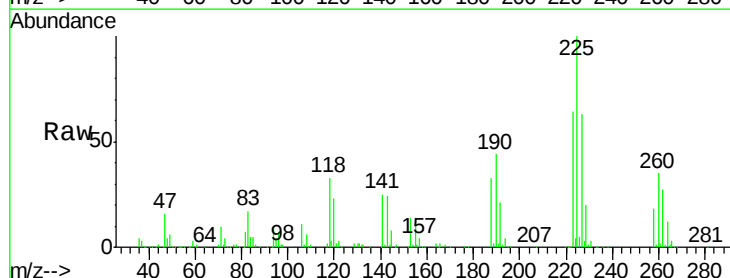
Manual Integrations
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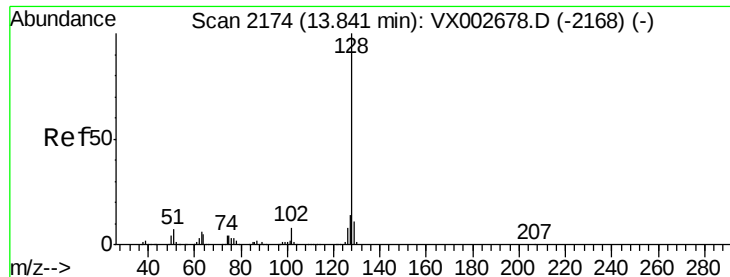
MMDadoda
 6/29/2018 12:22:57 PM



#90
 Hexachlorobutadiene
 Concen: 17.26 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX003001.D
 Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50639		
223	63.6		0.0	122.4
227	64.8		0.0	128.0





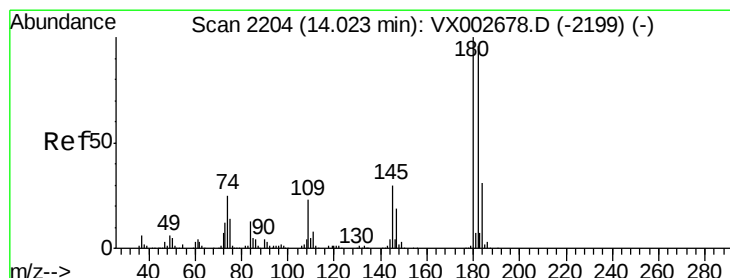
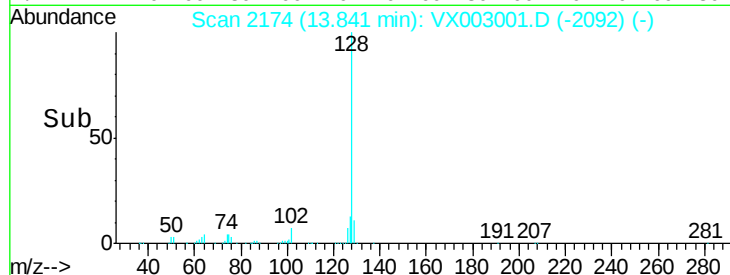
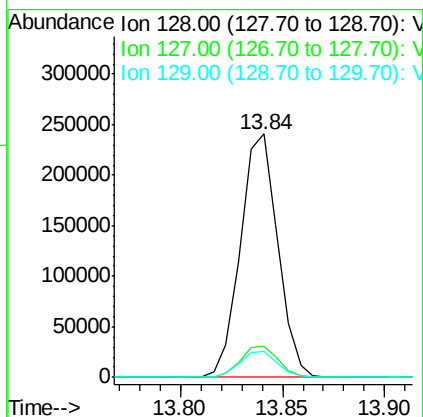
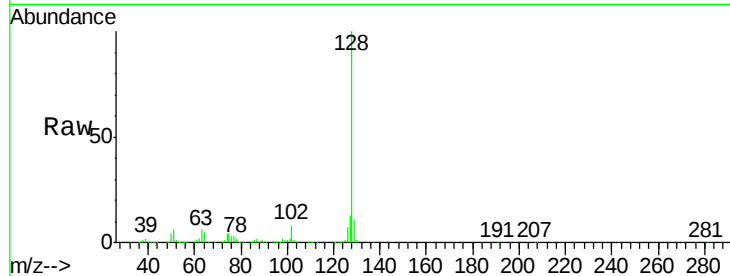
#91
Naphthalene
Concen: 20.48 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Instrument :
MSVOA_X
ClientSampleId :
VX0628WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	306025		
127	13.0		10.3	15.5
129	10.9		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
6/29/2018 12:22:57 PM



#92
1,2,3-Trichlorobenzene
Concen: 18.90 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX003001.D
Acq: 28 Jun 2018 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105996		
182	95.9		0.0	191.0
145	30.4		0.0	60.6

