

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001128.D
 Acq On : 25 Apr 2018 19:03
 Operator : JC/MD
 Sample : VX0425WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Manual Integrations
 APPROVED

Sohil
 4/27/2018 1:47:04 AM

Quant Time: Apr 26 05:18:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	300743	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285447	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	189107	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	137285	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
35) Dibromofluoromethane	5.51	113	110254	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	8.72	98	384774	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
62) 4-Bromofluorobenzene	11.14	95	157327	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55585	20.36	ug/l	98
3) Chloromethane	1.32	50	46641	18.34	ug/l	98
4) Vinyl Chloride	1.40	62	50817	19.28	ug/l	99
5) Bromomethane	1.64	94	36285	21.68	ug/l	99
6) Chloroethane	1.73	64	31342	20.02	ug/l	100
7) Trichlorofluoromethane	1.93	101	85054	21.48	ug/l	99
8) Diethyl Ether	2.19	74	31115	21.28	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	47447	20.45	ug/l	99
10) Methyl Iodide	2.51	142	27816	17.90	ug/l	98
11) Tert butyl alcohol	3.08	59	56597	134.47	ug/l	98
12) 1,1-Dichloroethene	2.38	96	43067	20.08	ug/l	98
13) Acrolein	2.30	56	21119	164.95	ug/l	99
14) Allyl chloride	2.73	41	79639	20.51	ug/l	97
15) Acrylonitrile	3.15	53	133353	117.07	ug/l	100
16) Acetone	2.45	43	134959	128.42	ug/l	99
17) Carbon Disulfide	2.57	76	97259	15.91	ug/l	99
18) Methyl Acetate	2.78	43	87243	27.43	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	162321	22.51	ug/l	98
20) Methylene Chloride	2.86	84	49189	21.33	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	46400	19.43	ug/l	98
22) Diisopropyl ether	3.88	45	156478	20.82	ug/l	98
23) Vinyl Acetate	3.83	43	638845	102.68	ug/l	98
24) 1,1-Dichloroethane	3.70	63	85540	20.29	ug/l	100
25) 2-Butanone	4.72	43	192705	117.46	ug/l	100
26) 2,2-Dichloropropane	4.59	77	67773	18.69	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	53241	20.01	ug/l	98
28) Bromochloromethane	5.03	49	35040	21.62	ug/l	97
29) Tetrahydrofuran	5.18	42	118158	113.98	ug/l	100
30) Chloroform	5.23	83	90517	20.73	ug/l	100
31) Cyclohexane	5.58	56	72817	18.51	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	78123	19.96	ug/l	97
36) 1,1-Dichloropropene	5.81	75	63422	17.95	ug/l	99
37) Ethyl Acetate	4.87	43	70194	21.65	ug/l	100
38) Carbon Tetrachloride	5.79	117	66741	18.65	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74386	18.08	ug/l	99
40) Benzene	6.15	78	193048	19.65	ug/l	97
41) Methacrylonitrile	5.07	41	42320	20.90	ug/l	99
42) 1,2-Dichloroethane	6.21	62	79506	21.08	ug/l	99
43) Isopropyl Acetate	6.48	43	117037	21.04	ug/l	98
44) Trichloroethene	7.22	130	56565	18.84	ug/l	98
45) 1,2-Dichloropropane	7.53	63	51486	20.84	ug/l	100
46) Dibromomethane	7.67	93	35501	20.57	ug/l	99
47) Bromodichloromethane	7.91	83	63348	19.81	ug/l	98
48) Methyl methacrylate	7.79	41	62209	20.77	ug/l	98
49) 1,4-Dioxane	7.76	88	21669	492.04	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	388643	115.09	ug/l	98
52) Toluene	8.79	92	124093	19.35	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	73690	19.27	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	68918	19.11	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	53359	20.93	ug/l	97
56) Ethyl methacrylate	9.19	69	77454	20.69	ug/l	97
57) 1,3-Dichloropropane	9.38	76	86680	20.53	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	194300	106.34	ug/l	100
59) 2-Hexanone	9.51	43	293729	113.64	ug/l	97
60) Dibromochloromethane	9.59	129	52639	19.66	ug/l	100
61) 1,2-Dibromoethane	9.68	107	56307	20.93	ug/l	98
64) Tetrachloroethene	9.34	164	60857	20.08	ug/l	97
65) Chlorobenzene	10.15	112	149725	19.70	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	52638	20.18	ug/l	99
67) Ethyl Benzene	10.26	91	244680	19.39	ug/l	97
68) m/p-Xylenes	10.37	106	189818	38.16	ug/l	96
69) o-Xylene	10.70	106	94433	19.69	ug/l	99
70) Styrene	10.72	104	155007	19.62	ug/l	99
71) Bromoform	10.87	173	41127	18.74	ug/l	100
73) Isopropylbenzene	11.02	105	256151	20.72	ug/l	100
74) N-amyl acetate	6.48	43	117037	22.13	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	80160	22.90	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	73966m	22.54	ug/l	
77) Bromobenzene	11.26	156	72267	20.14	ug/l	97
78) n-propylbenzene	11.37	91	284082	20.02	ug/l	100
79) 2-Chlorotoluene	11.43	91	173546	20.69	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	214460	20.46	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16528	17.70	ug/l #	84
82) 4-Chlorotoluene	11.52	91	203083	20.04	ug/l	99
83) tert-Butylbenzene	11.77	119	218444	20.66	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	222980	20.68	ug/l	99
85) sec-Butylbenzene	11.95	105	260984	20.68	ug/l	100
86) p-Isopropyltoluene	12.07	119	237715	20.36	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	133186	19.82	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	135012	19.58	ug/l	98
89) n-Butylbenzene	12.40	91	202605	19.51	ug/l	99
90) Hexachloroethane	12.60	117	32789	19.82	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	132291	20.34	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16598	22.64	ug/l	96

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MSVOA_X
ClientSampleId :
VX0425WBSD01

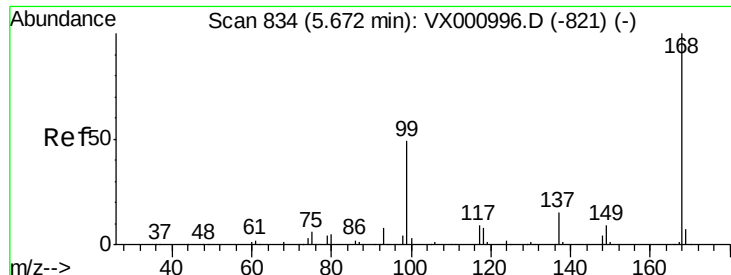
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QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103130	18.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	51342	20.78	ug/l	98
95) Naphthalene	13.84	128	291467	21.71	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106466	20.16	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampled :

VX0425WBSD01

Tot Ion:168 Resp: 220167

Ion Ratio Lower Upper

168 100

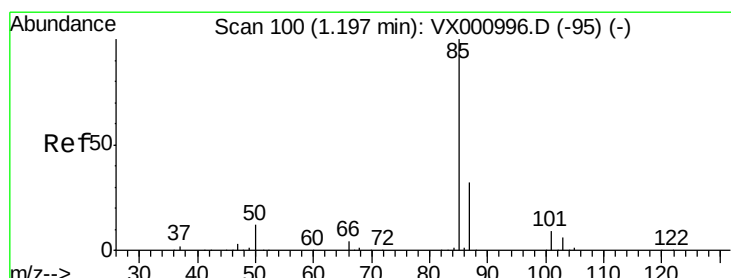
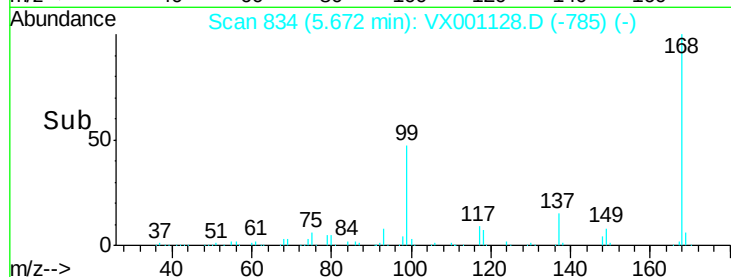
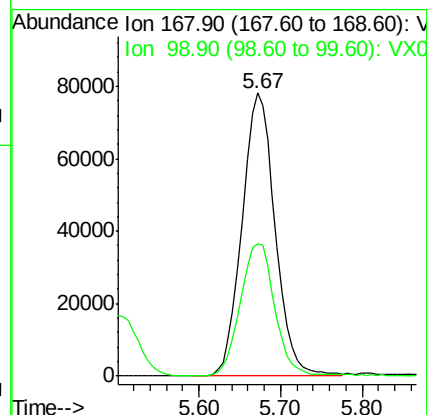
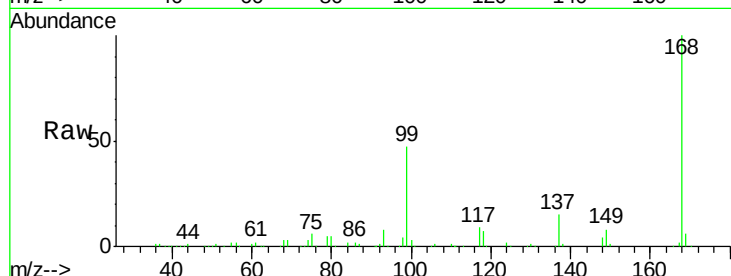
99 46.6 39.2 58.8

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#2

Dichlorodifluoromethane

Concen: 20.36 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001128.D

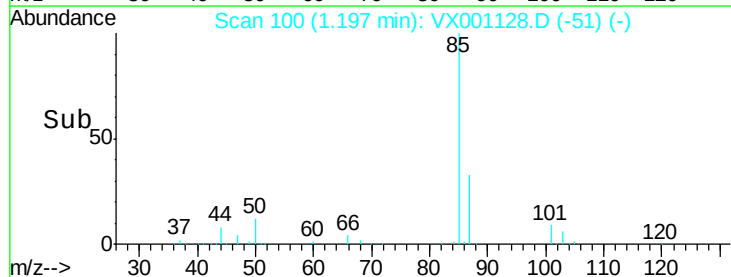
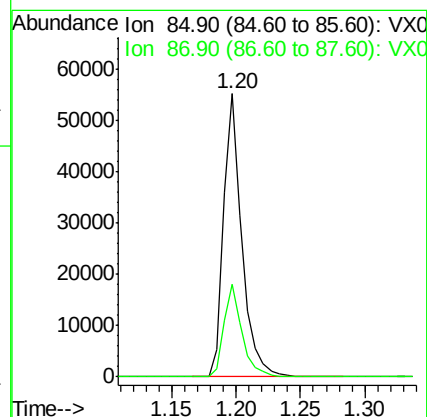
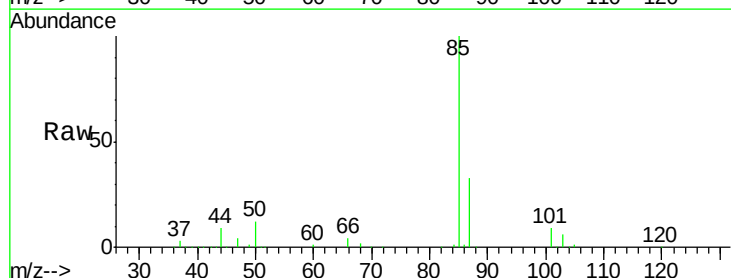
Acq: 25 Apr 2018 19:03

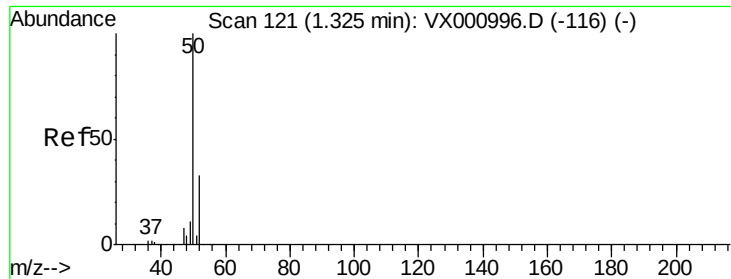
Tgt Ion: 85 Resp: 55585

Ion Ratio Lower Upper

85 100

87 32.6 15.8 47.4





#3

Chloromethane

Concen: 18.34 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBSD01

Tot Ion: 50 Resp: 46641

Ion Ratio Lower Upper

50 100

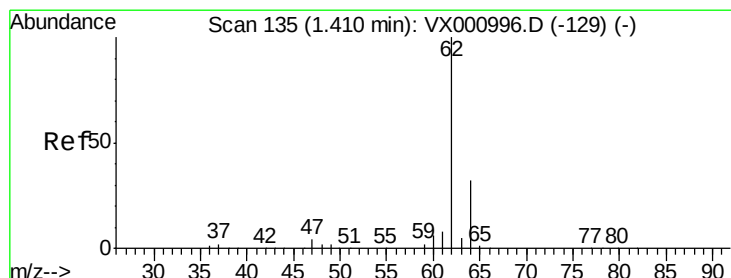
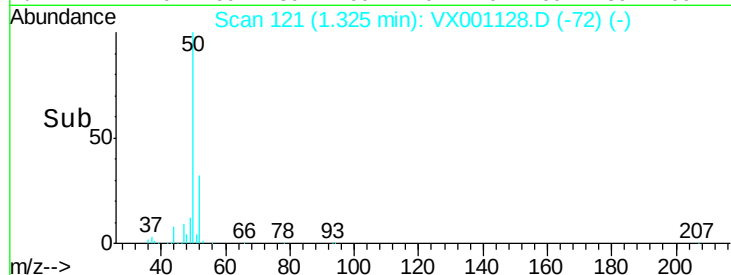
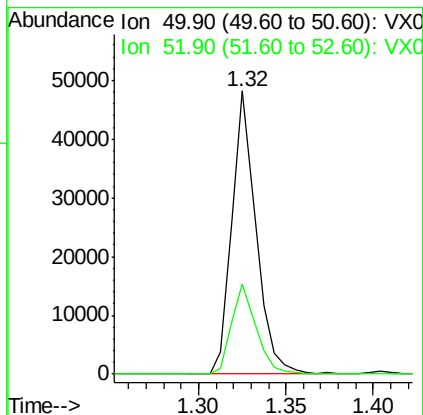
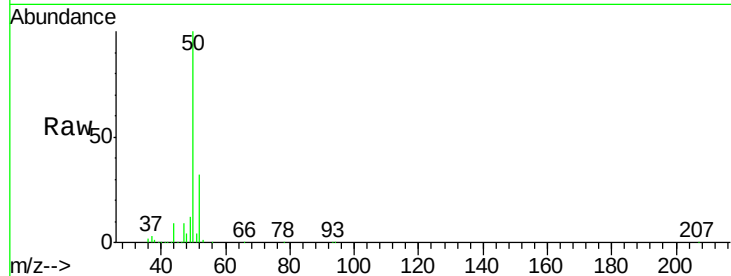
52 31.8 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.28 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001128.D

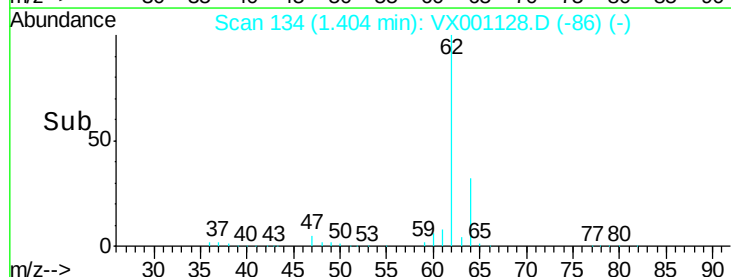
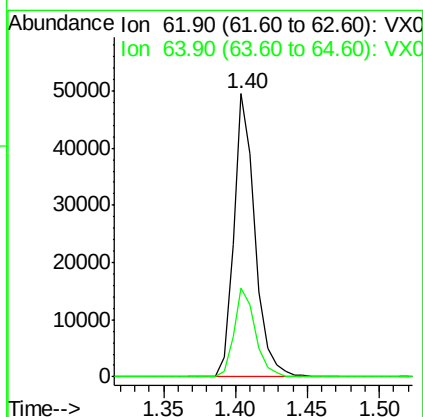
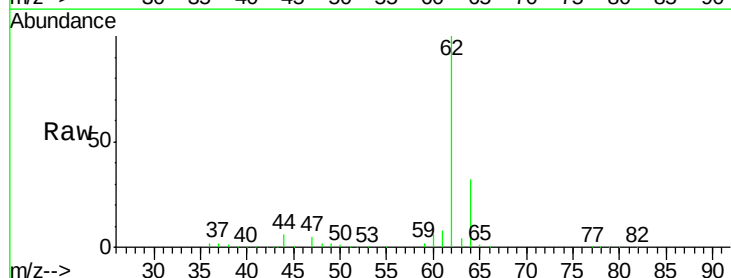
Acq: 25 Apr 2018 19:03

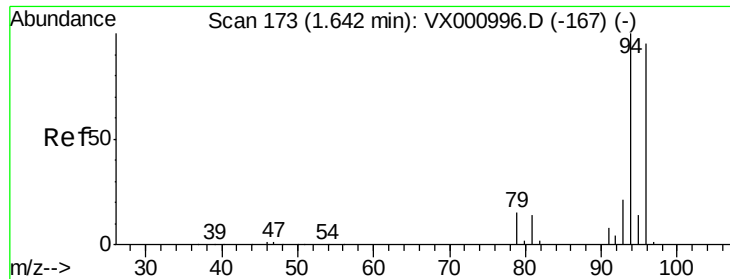
Tgt Ion: 62 Resp: 50817

Ion Ratio Lower Upper

62 100

64 31.5 25.6 38.4





#5

Bromomethane

Concen: 21.68 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBSD01

Tot Ion: 94 Resp: 36285

Ion Ratio Lower Upper

94 100

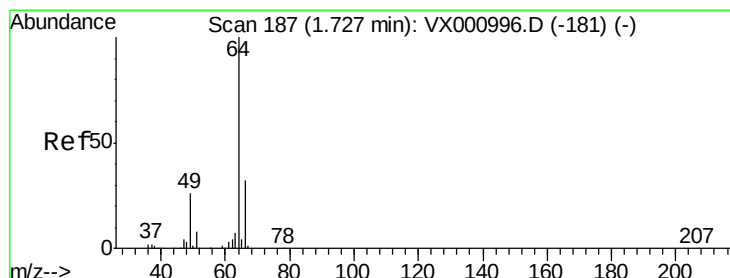
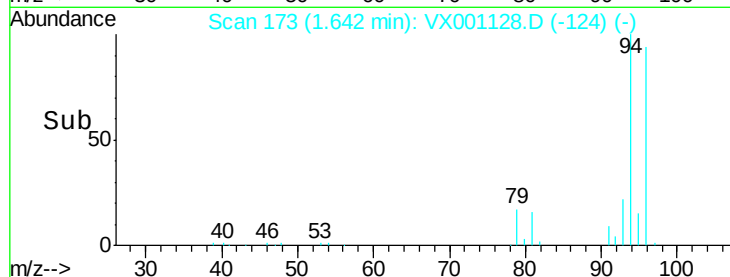
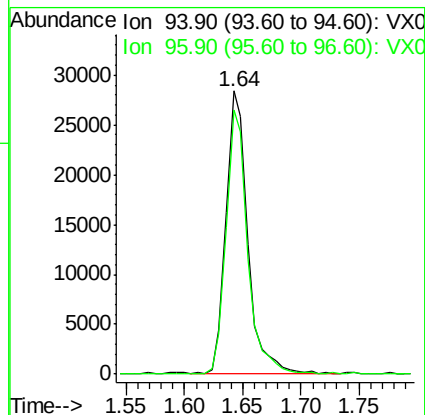
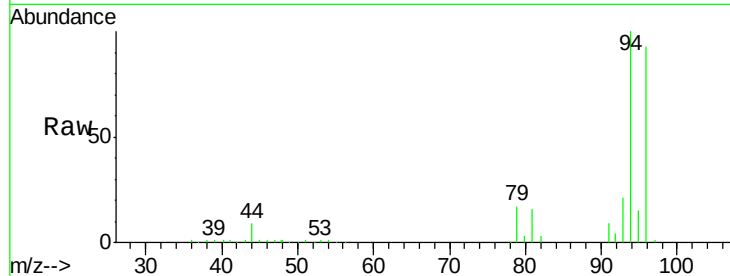
96 93.8 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 20.02 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001128.D

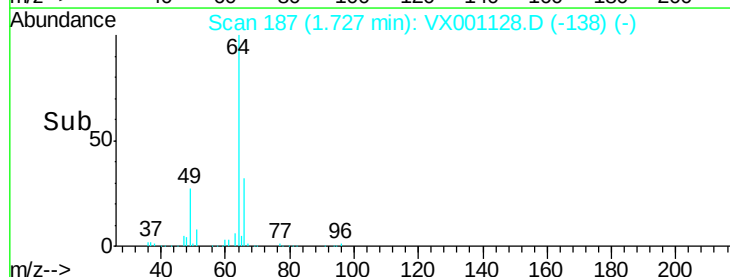
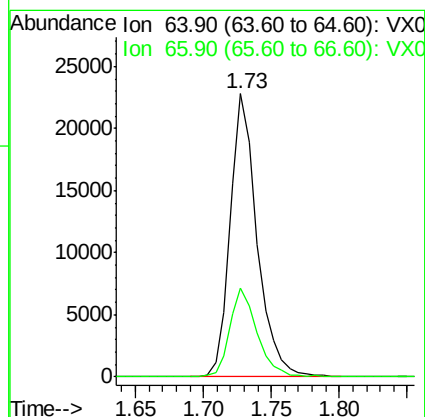
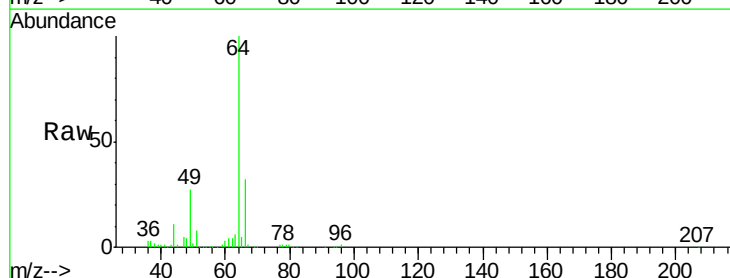
Acq: 25 Apr 2018 19:03

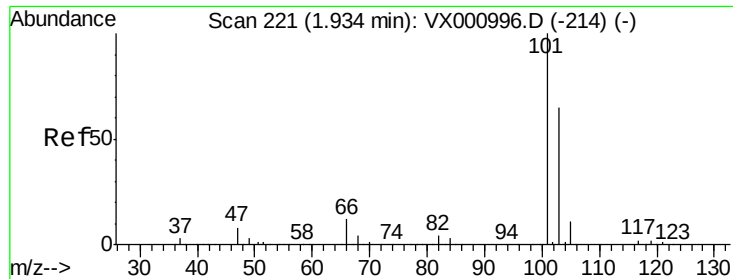
Tgt Ion: 64 Resp: 31342

Ion Ratio Lower Upper

64 100

66 31.6 25.3 37.9





#7

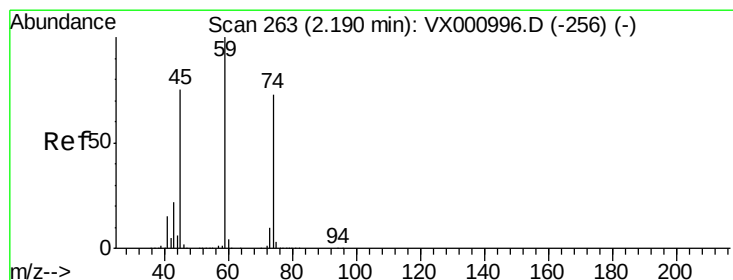
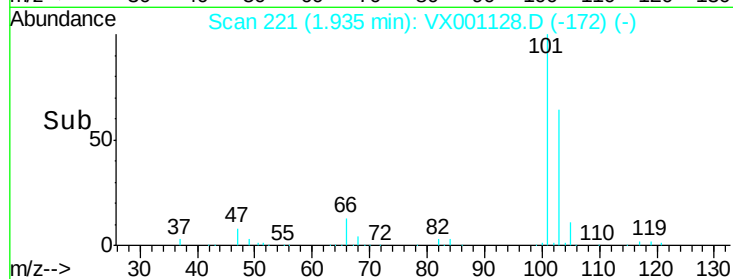
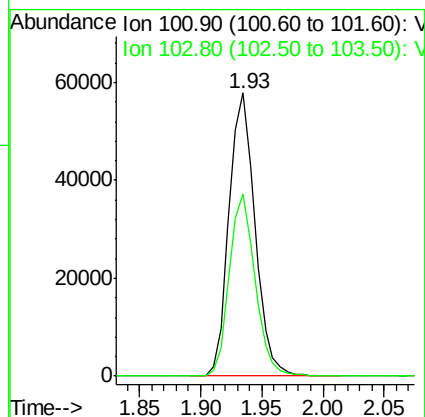
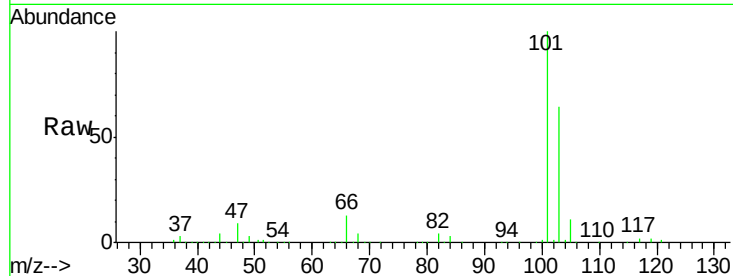
Trichlorofluoromethane
Concen: 21.48 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion:101 Resp: 85054
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.8

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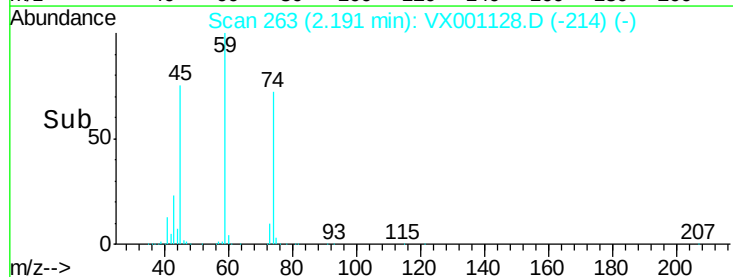
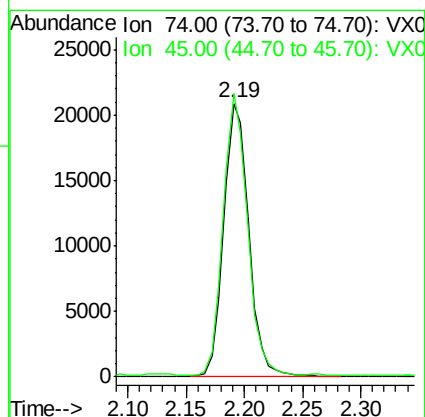
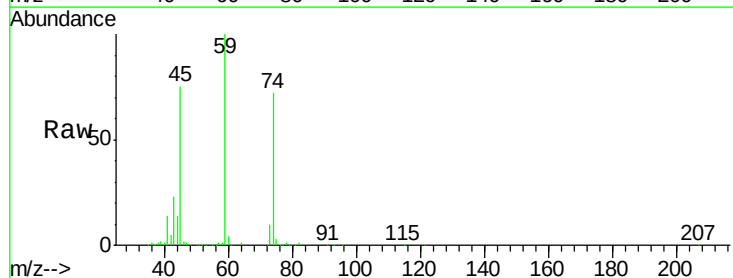
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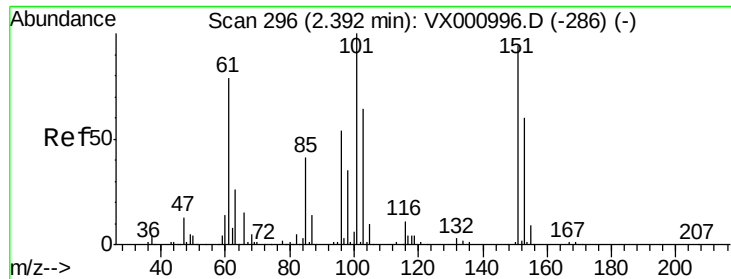


#8

Diethyl Ether
Concen: 21.28 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion: 74 Resp: 31115
Ion Ratio Lower Upper
74 100
45 99.3 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.45 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

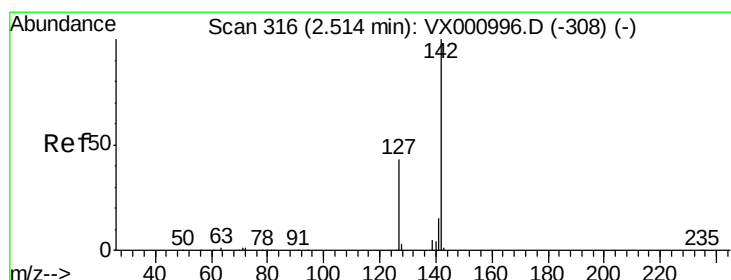
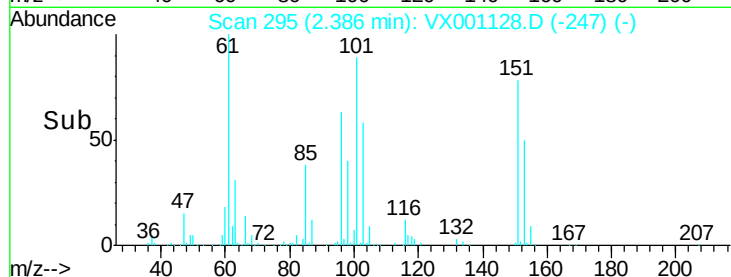
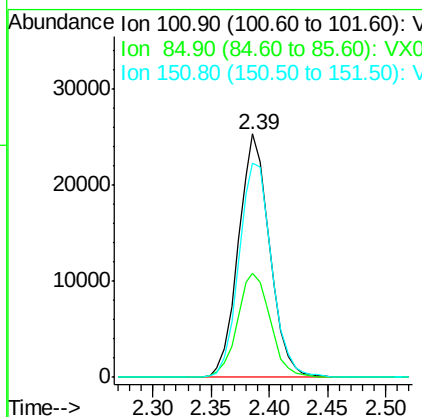
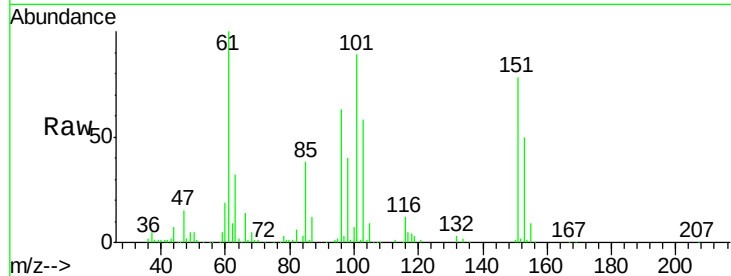
ClientSampleId :

VX0425WBSD01

Tot Ion:	101	Resp:	47447
Ion Ratio	Lower	Upper	
101	100		
85	44.9	33.9	50.9
151	92.2	73.5	110.3

Manual Integrations
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#10

Methyl Iodide

Concen: 17.90 ug/l

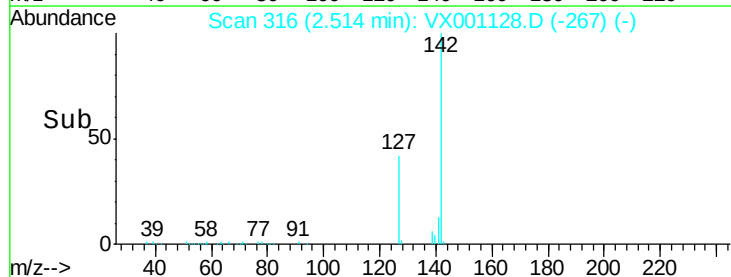
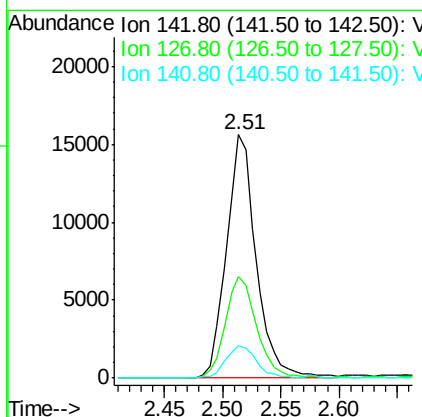
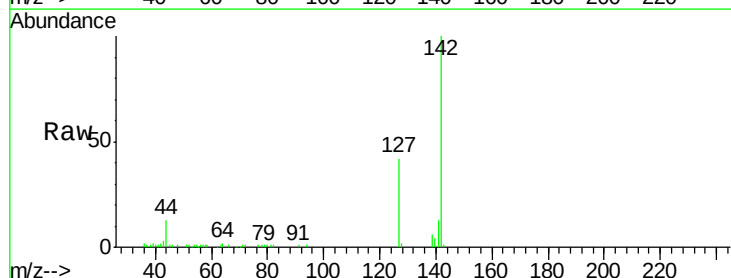
RT: 2.51 min Scan# 316

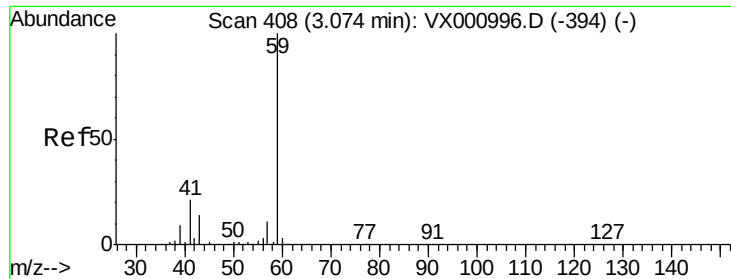
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	142	Resp:	27816
Ion Ratio	Lower	Upper	
142	100		
127	44.2	34.0	51.0
141	13.9	11.4	17.2





#11

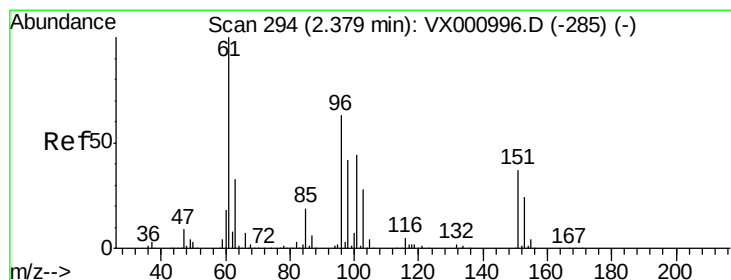
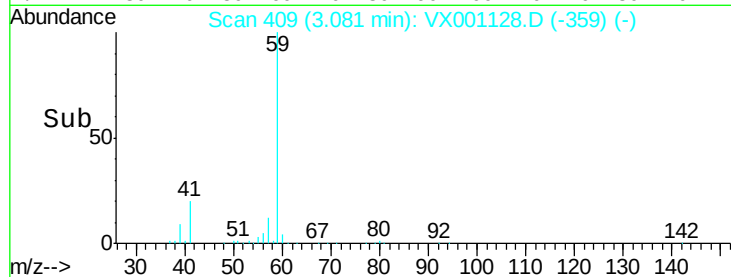
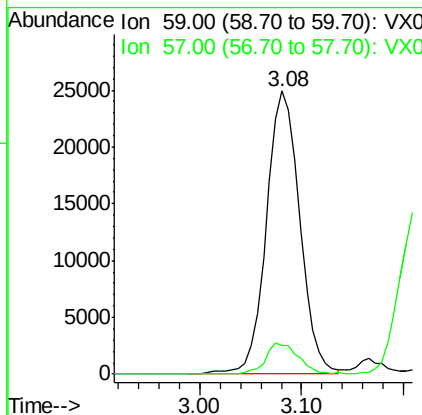
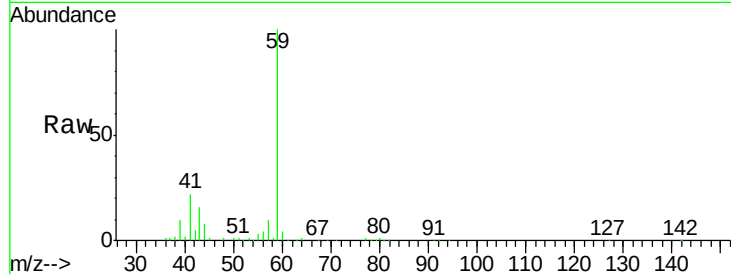
Tert butyl alcohol
 Concen: 134.47 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.01 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Tot Ion	59	Resp	56597
Ion Ratio	100	Lower	Upper
57	11.0	8.3	12.5

Manual Integrations
 APPROVED

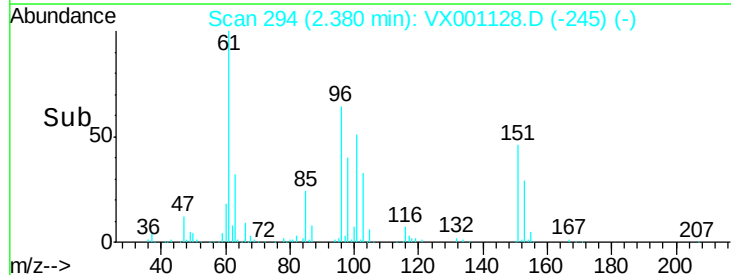
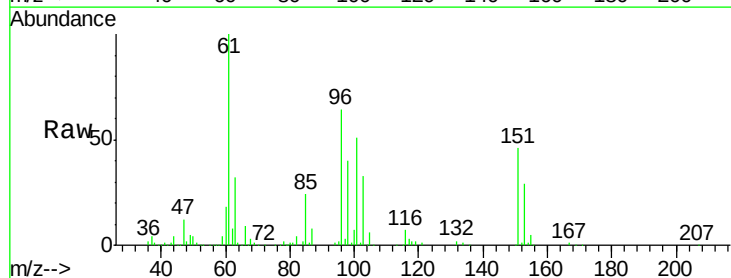
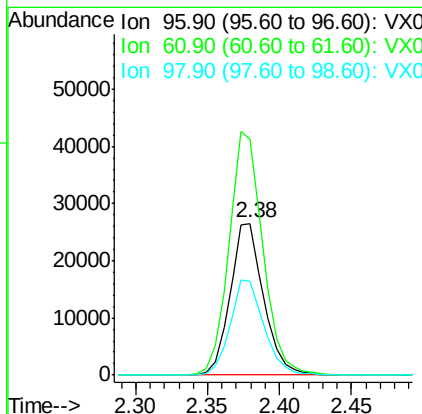
Sohil
 4/27/2018 1:47:04 AM

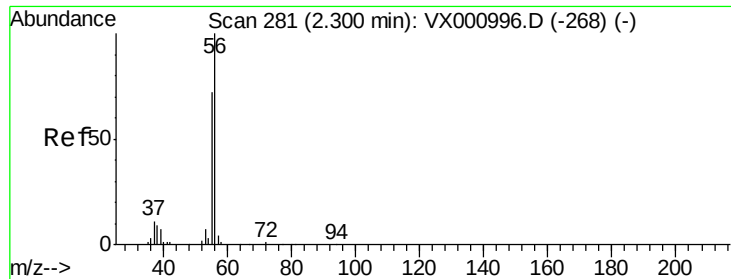


#12

1,1-Dichloroethene
 Concen: 20.08 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion	96	Resp	43067
Ion Ratio	100	Lower	Upper
61	155.8	126.4	189.6
98	62.2	52.6	78.8





#13

Acrolein

Concen: 164.95 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBSD01

Tot Ion: 56 Resp: 21119

Ion Ratio Lower Upper

56 100

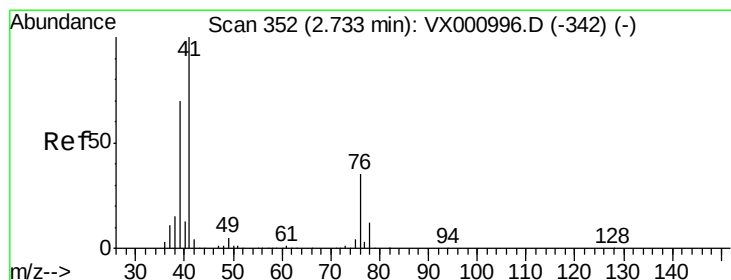
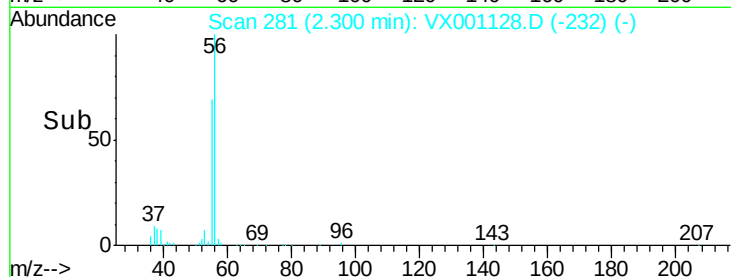
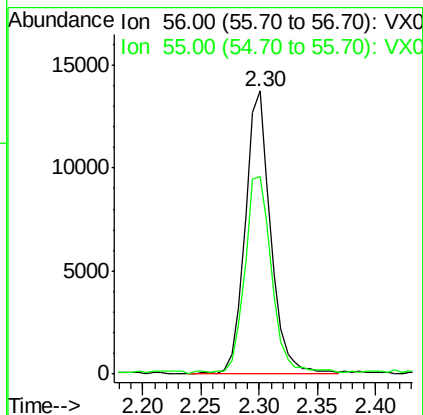
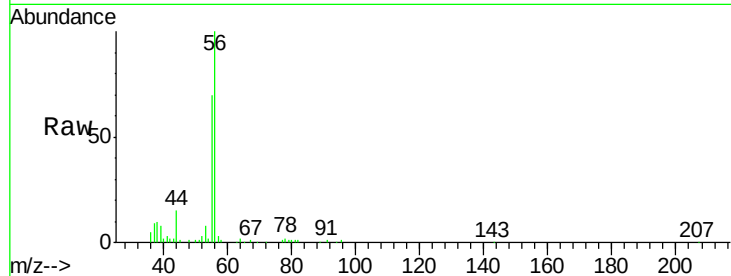
55 73.0 57.4 86.2

Manual Integrations

APPROVED

Sohil

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#14

Allyl chloride

Concen: 20.51 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

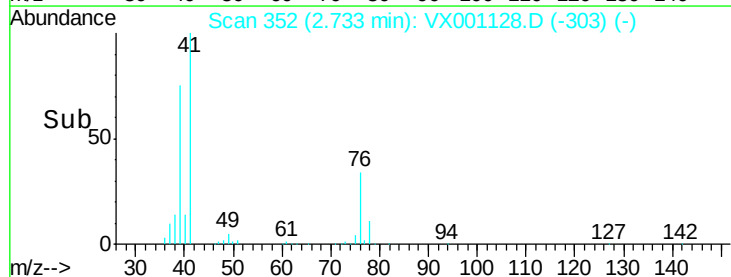
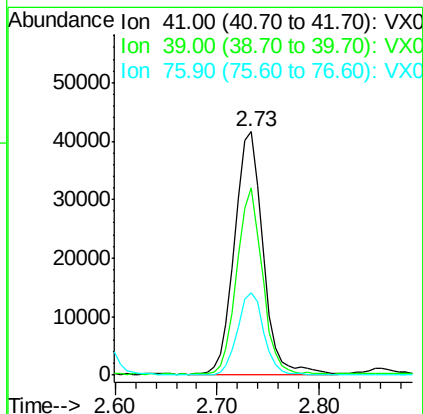
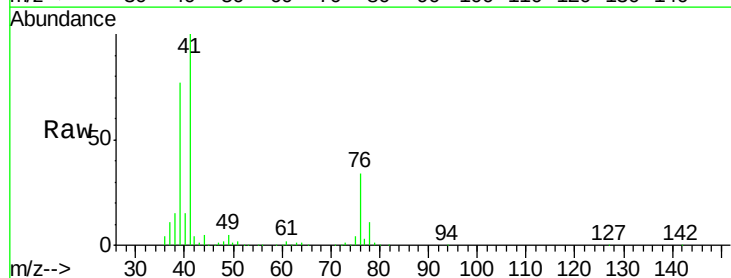
Tgt Ion: 41 Resp: 79639

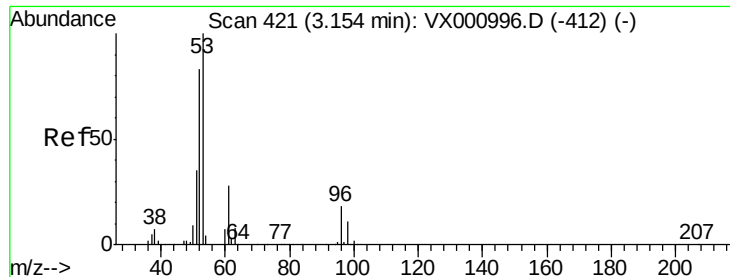
Ion Ratio Lower Upper

41 100

39 69.2 53.0 79.6

76 31.8 25.9 38.9





#15

Acrylonitrile

Concen: 117.07 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

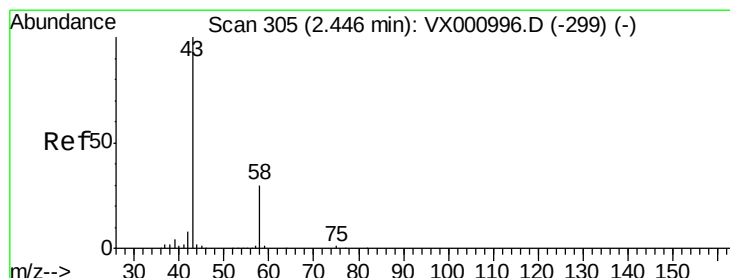
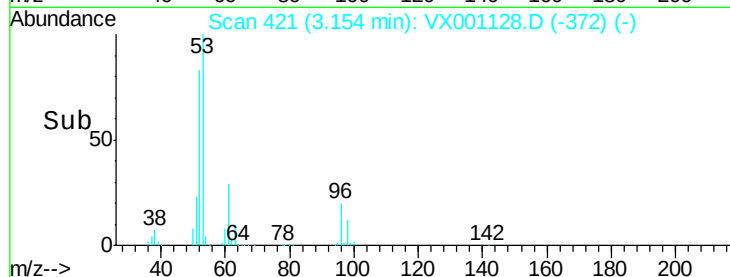
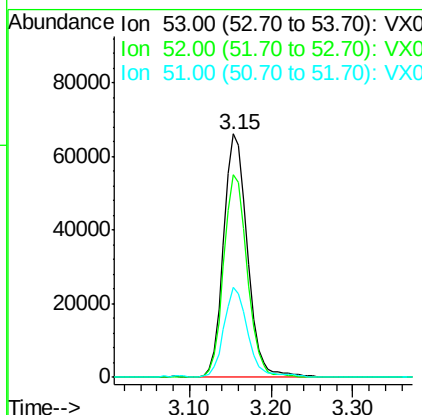
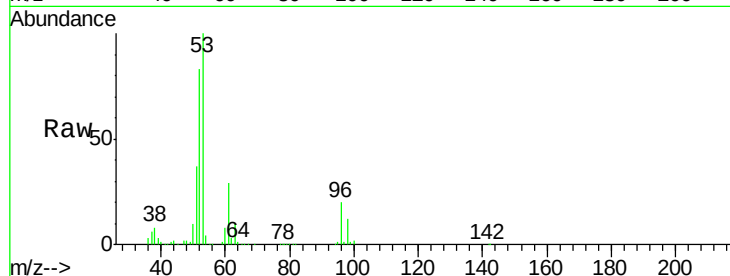
ClientSampleId :

VX0425WBSD01

Tot Ion:	53	Resp:	133353
Ion Ratio	Lower	Upper	
53	100		
52	82.7	66.4	99.6
51	36.8	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 128.42 ug/l

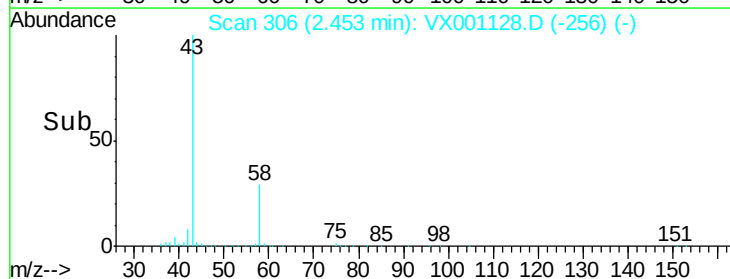
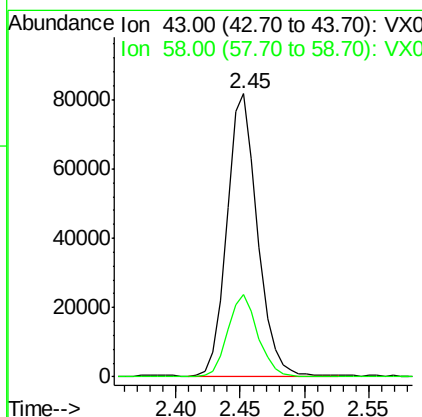
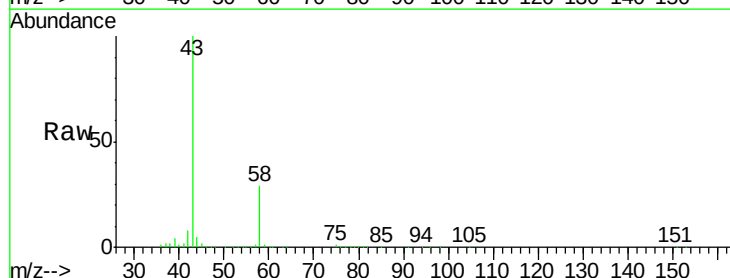
RT: 2.45 min Scan# 306

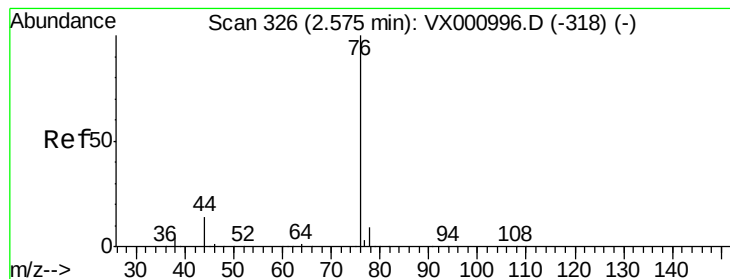
Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	43	Resp:	134959
Ion Ratio	Lower	Upper	
43	100		
58	29.2	23.7	35.5





#17

Carbon Disulfide

Concen: 15.91 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBSD01

Tot Ion: 76 Resp: 97259

Ion Ratio Lower Upper

76 100

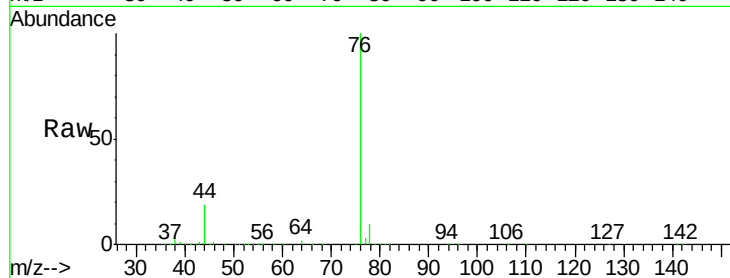
78 9.5 7.3 10.9

Manual Integrations

APPROVED

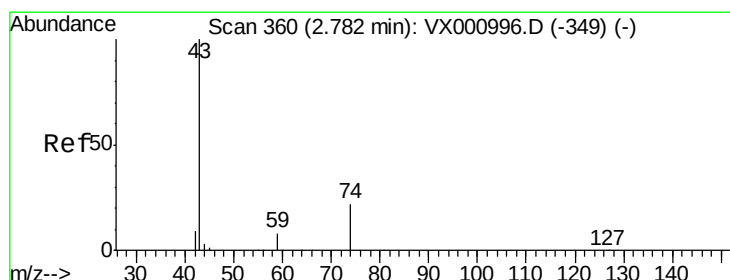
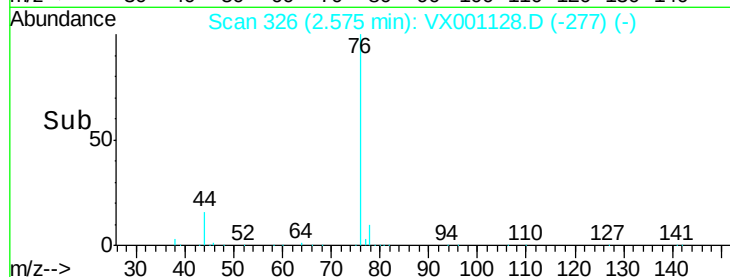
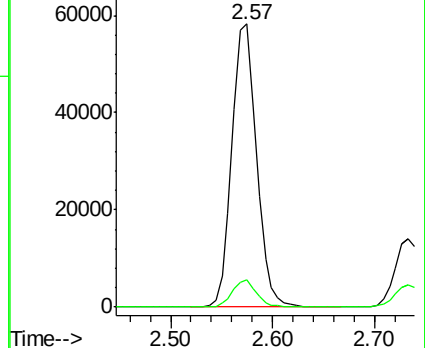
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 27.43 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001128.D

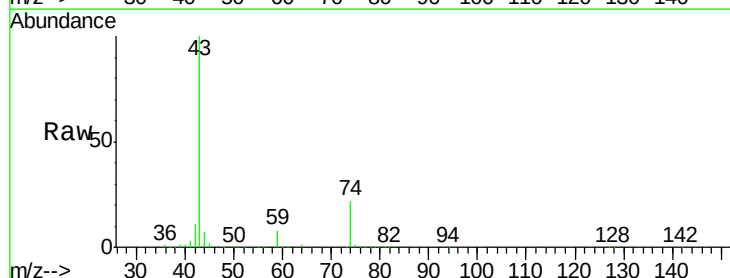
Acq: 25 Apr 2018 19:03

Tgt Ion: 43 Resp: 87243

Ion Ratio Lower Upper

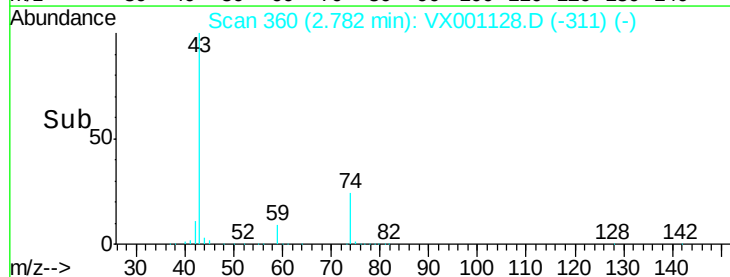
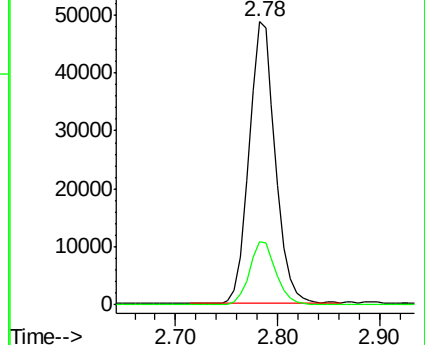
43 100

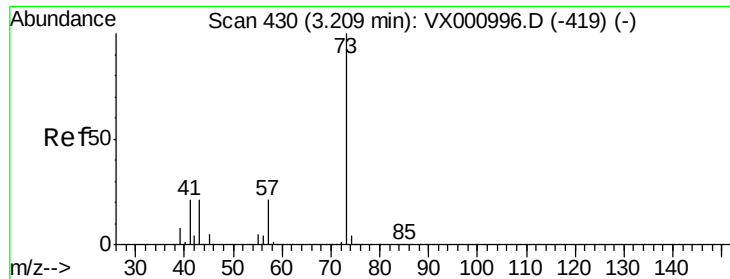
74 22.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

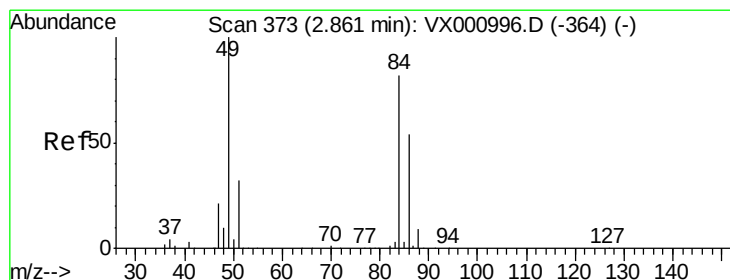
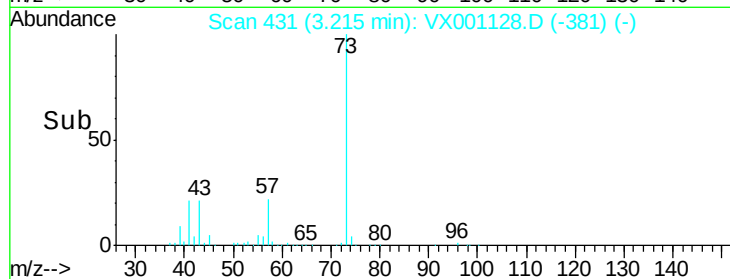
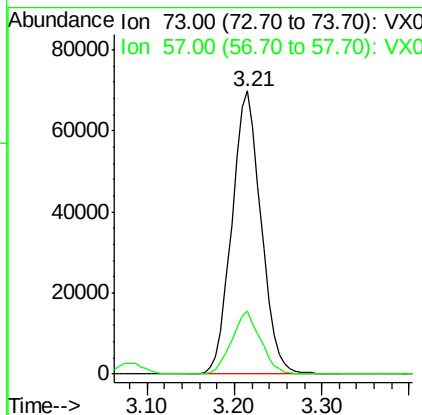
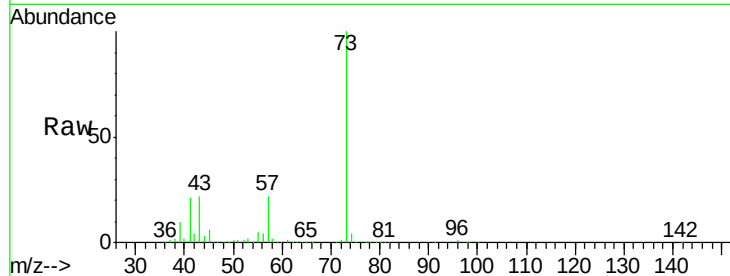
Methyl tert-butyl Ether
 Concen: 22.51 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.1	25.7

Manual Integrations
 APPROVED

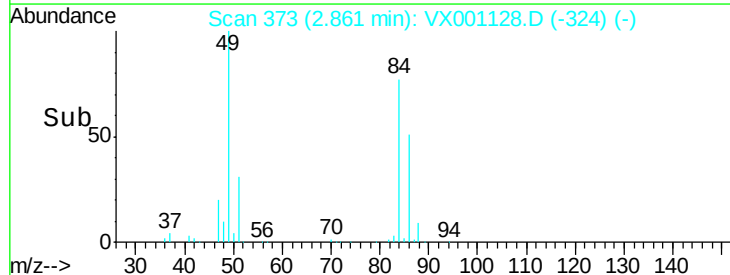
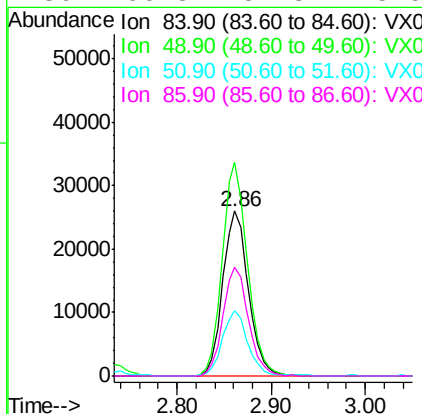
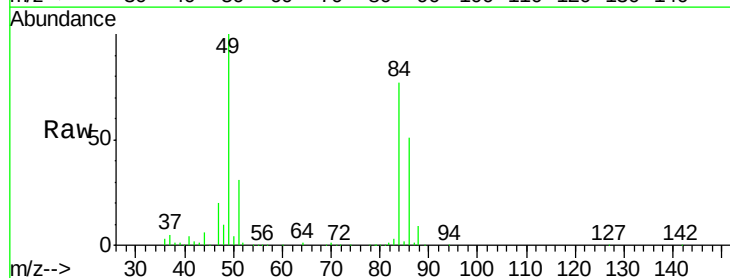
Sohil
 4/27/2018 1:47:04 AM

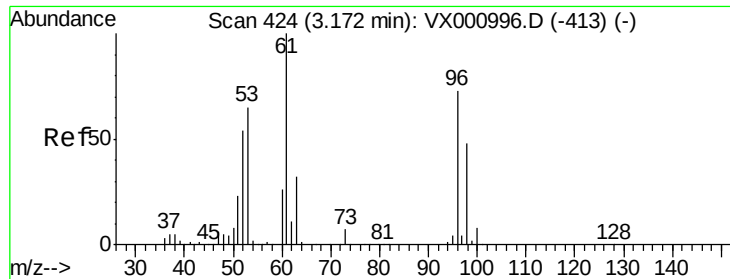


#20

Methylene Chloride
 Concen: 21.33 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.4	97.1	145.7
51	39.3	30.8	46.2
86	66.3	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 19.43 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

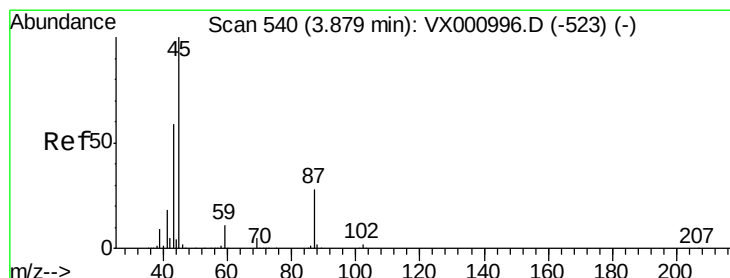
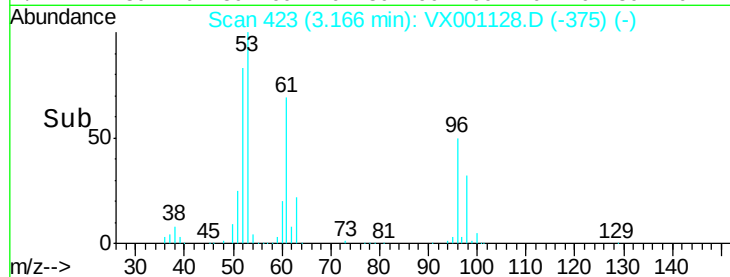
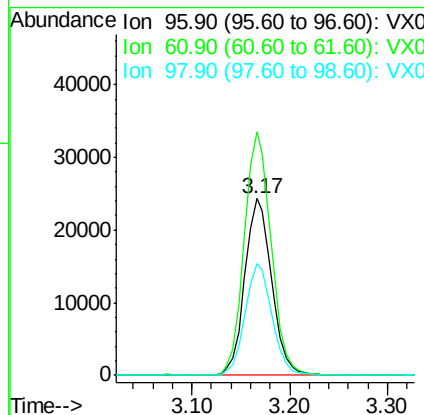
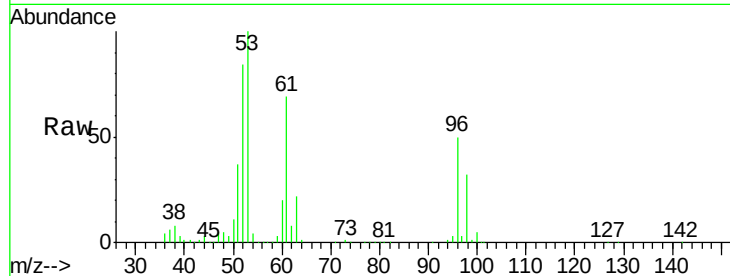
ClientSampleId :

VX0425WBSD01

Tot Ion:	96	Resp:	46400
Ion	Ratio	Lower	Upper
96	100		
61	137.7	109.4	164.2
98	63.3	52.6	78.8

Manual Integrations
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4/27/2018 1:47:04 AM



#22

Diisopropyl ether

Concen: 20.82 ug/l

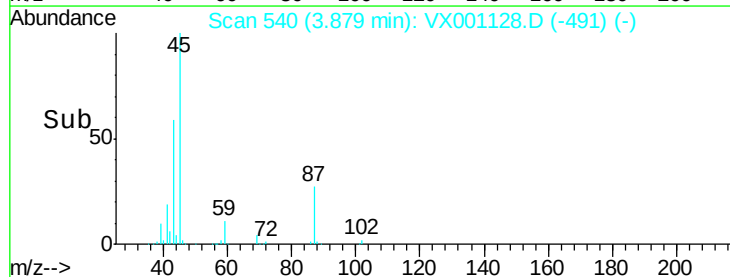
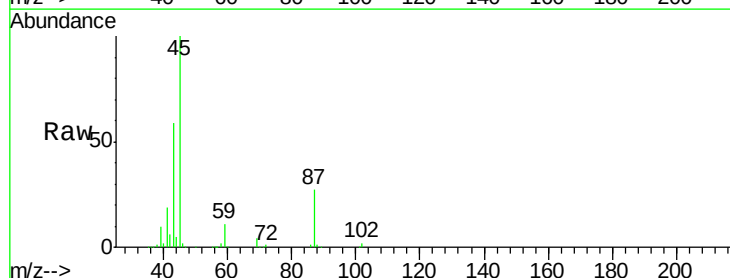
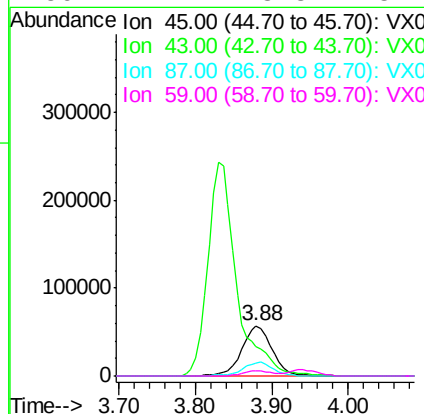
RT: 3.88 min Scan# 540

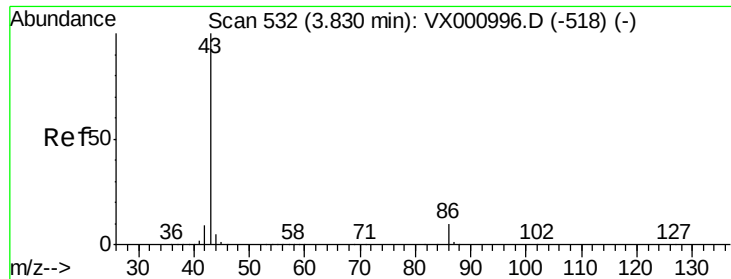
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	45	Resp:	156478
Ion	Ratio	Lower	Upper
45	100		
43	57.7	47.0	70.4
87	26.7	22.5	33.7
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 102.68 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tot Ion: 43 Resp: 638845

Ion Ratio Lower Upper

43 100

86 9.4 8.1 12.1

Instrument :

MSVOA_X

ClientSampleId :

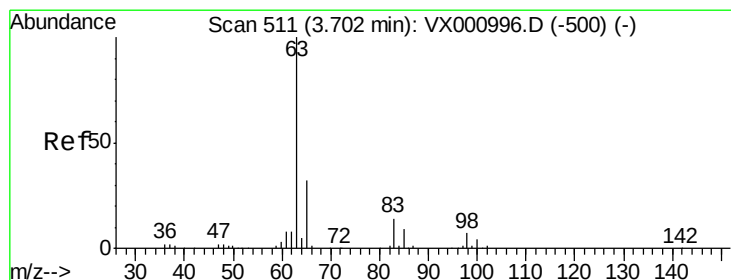
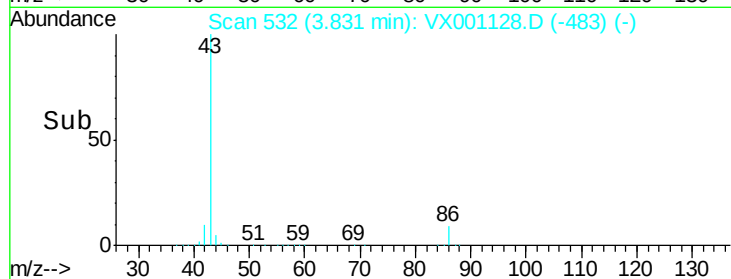
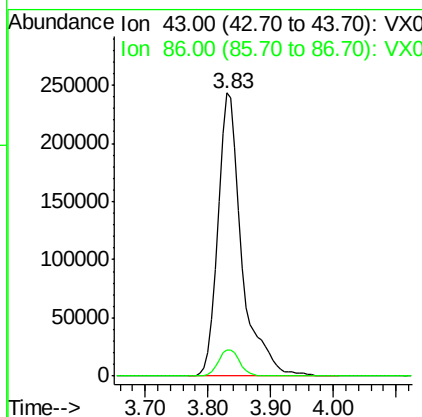
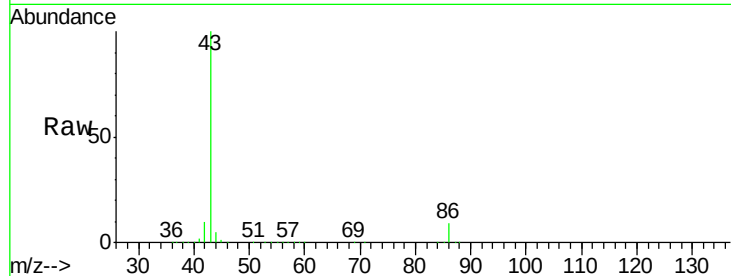
VX0425WBSD01

Manual Integrations

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Sohil

4/27/2018 1:47:04 AM



#24

1,1-Dichloroethane

Concen: 20.29 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

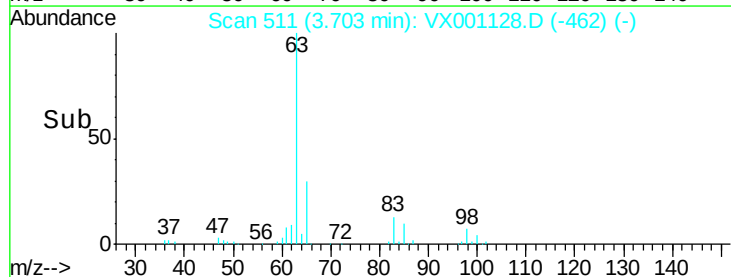
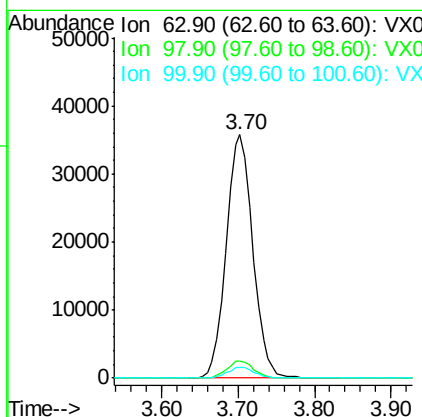
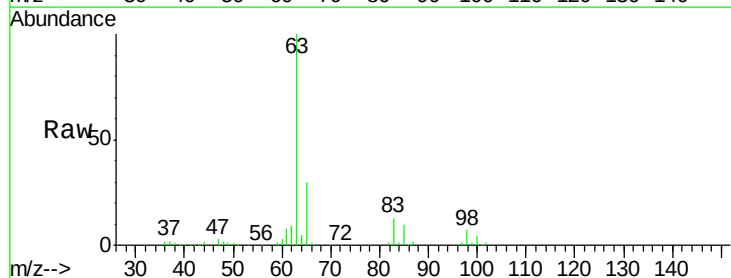
Tgt Ion: 63 Resp: 85540

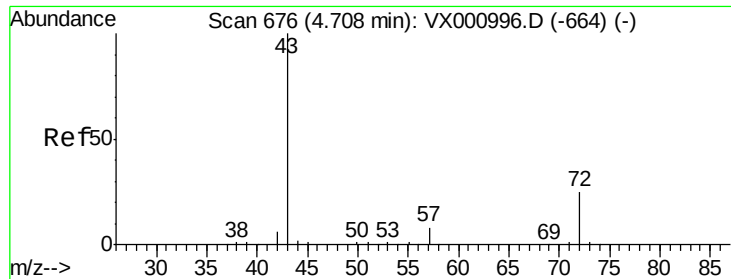
Ion Ratio Lower Upper

63 100

98 6.9 3.4 10.1

100 4.2 2.1 6.3





#25

2-Butanone

Concen: 117.46 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tot Ion: 43 Resp: 192705

Ion Ratio Lower Upper

43 100

72 25.1 19.9 29.9

Instrument :

MSVOA_X

ClientSampled :

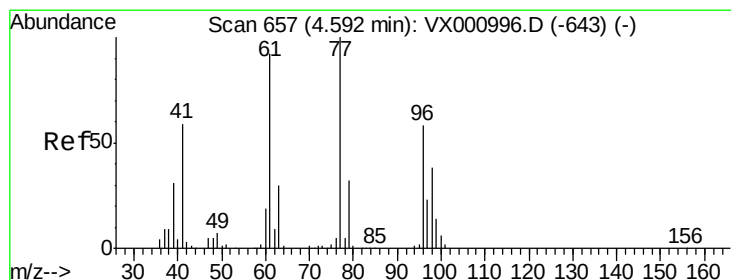
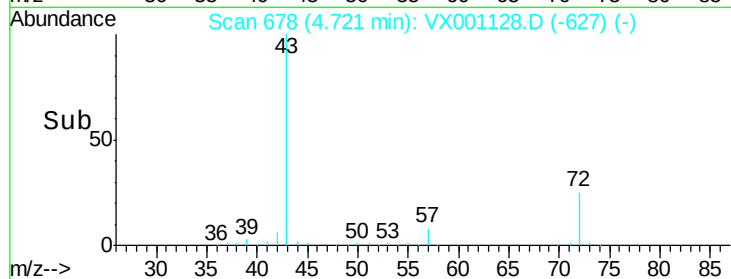
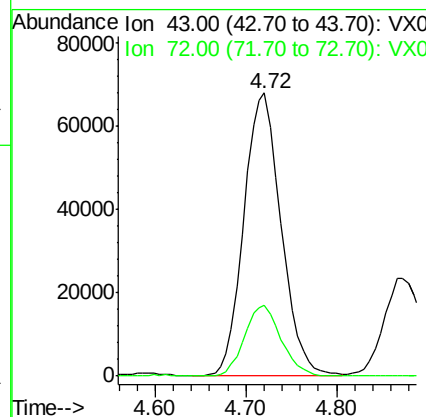
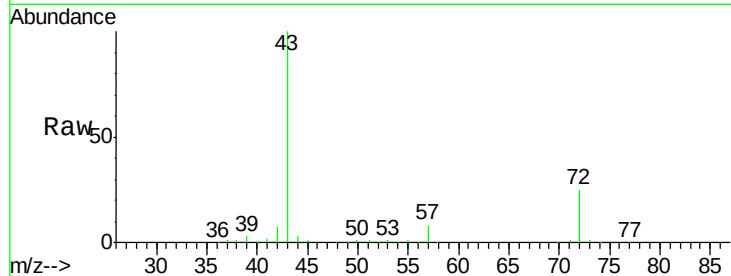
VX0425WBSD01

Manual Integrations

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Sohil

4/27/2018 1:47:04 AM



#26

2,2-Dichloropropane

Concen: 18.69 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001128.D

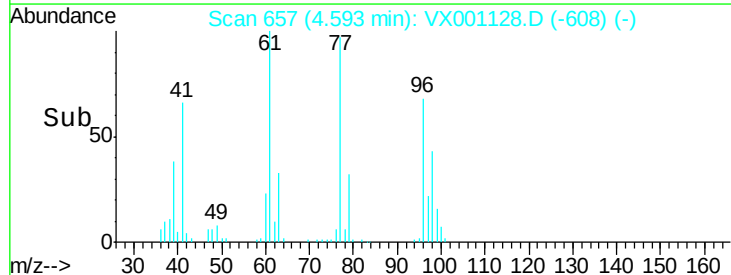
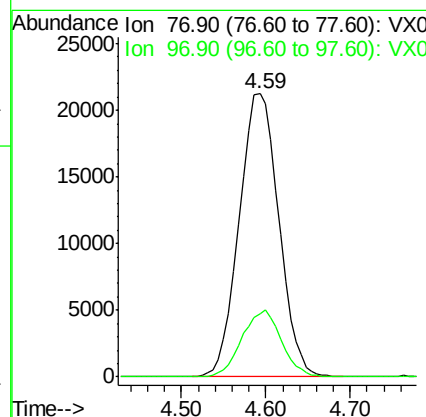
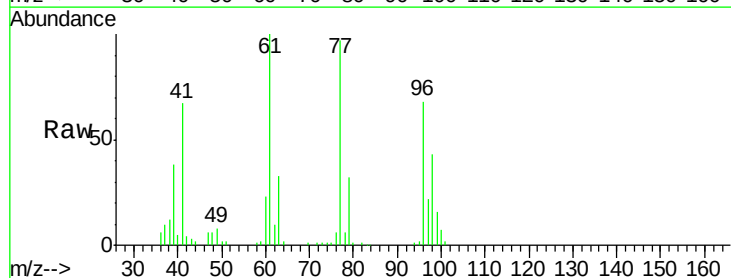
Acq: 25 Apr 2018 19:03

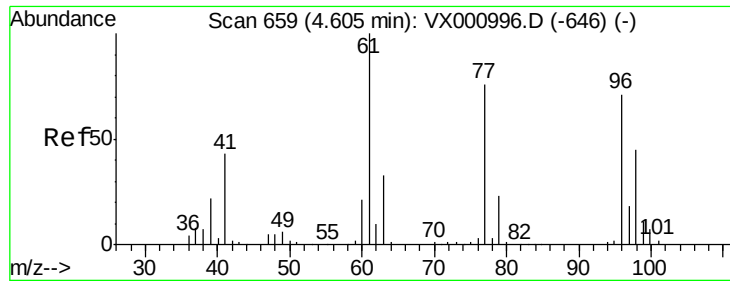
Tgt Ion: 77 Resp: 67773

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4





#27

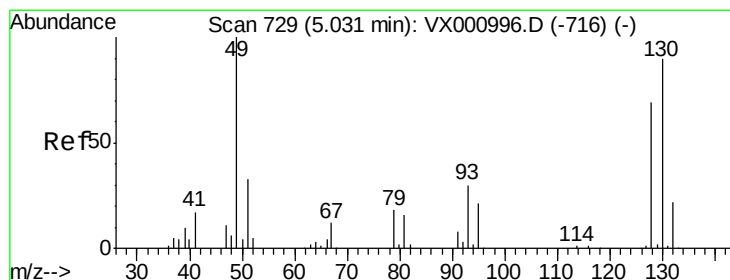
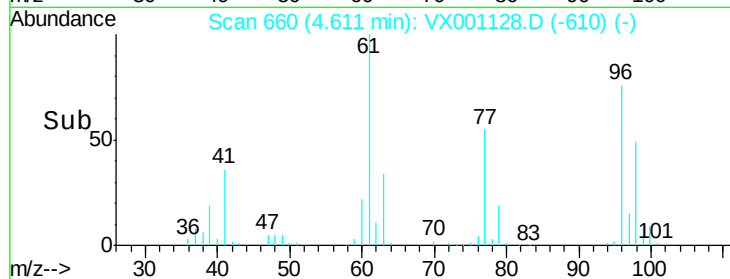
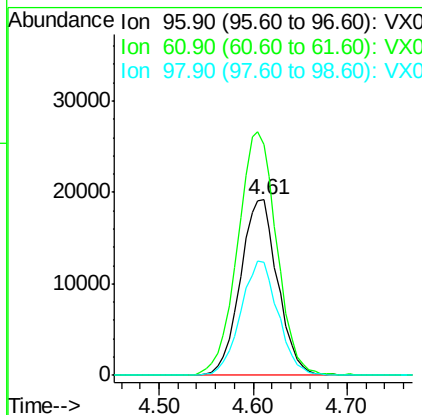
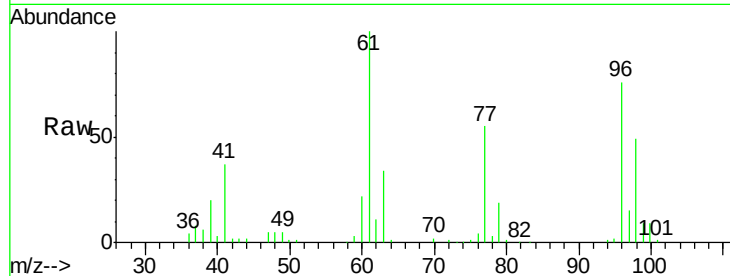
cis-1,2-Dichloroethene
Concen: 20.01 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.0	0.0	297.0
98	65.1	0.0	130.0

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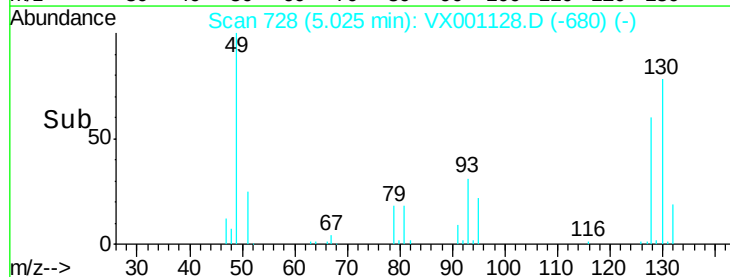
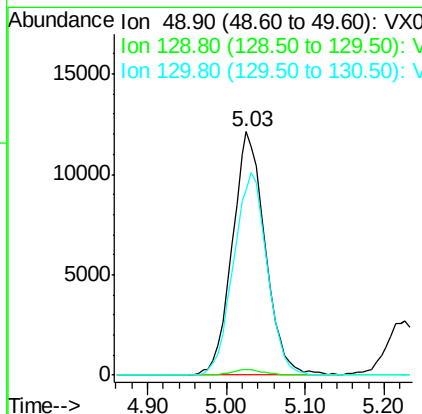
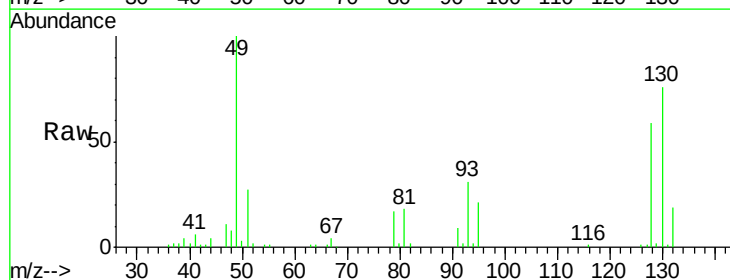
Sohil
4/27/2018 1:47:04 AM

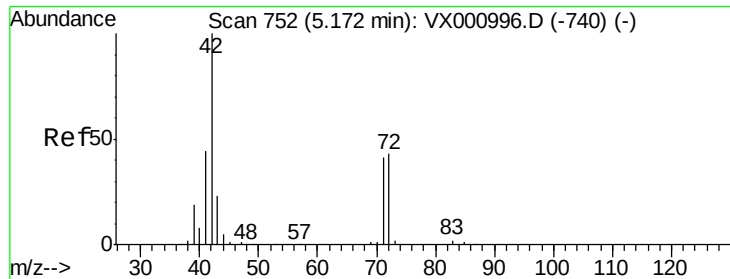


#28

Bromochloromethane
Concen: 21.62 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.8
130	85.0	70.6	105.8





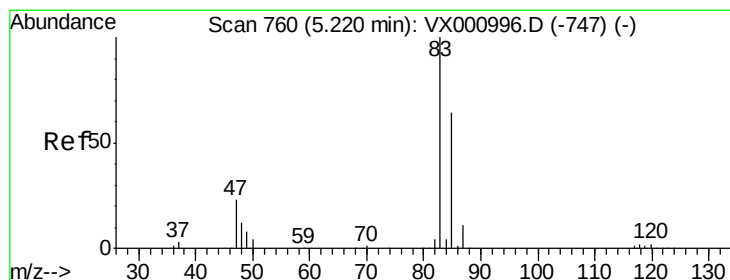
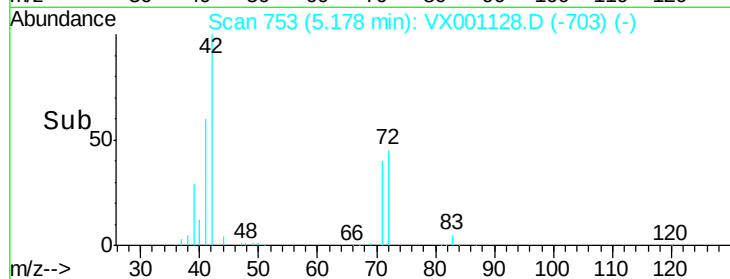
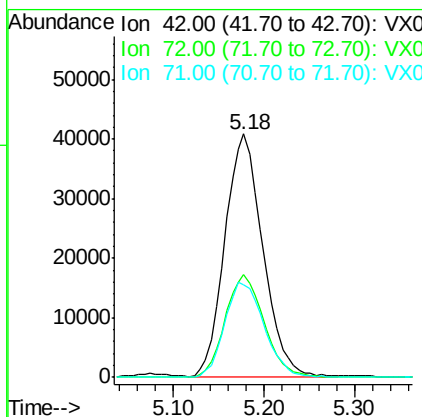
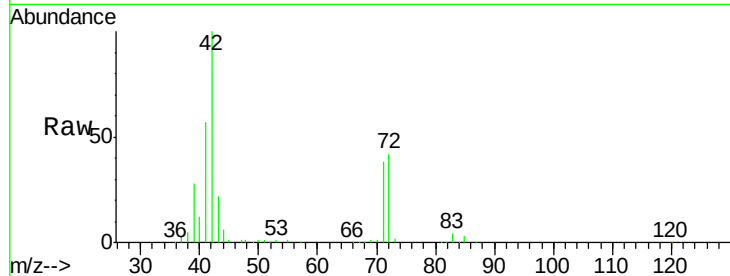
#29
Tetrahydrofuran
Concen: 113.98 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.4	34.6	52.0
71	41.0	32.6	49.0

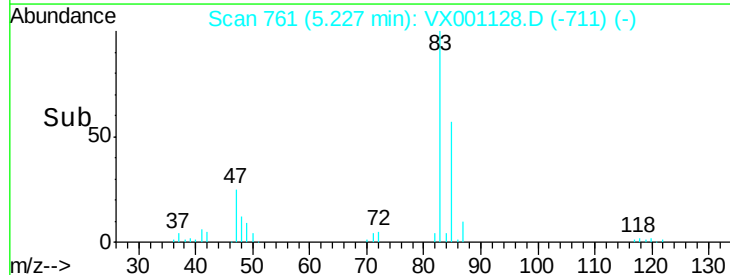
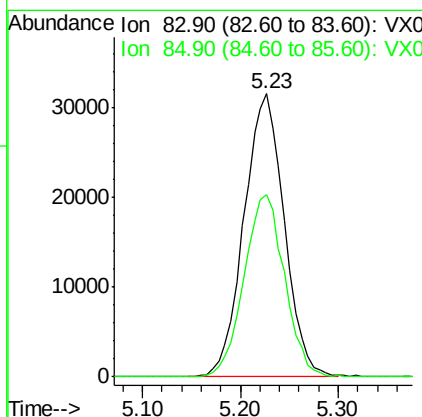
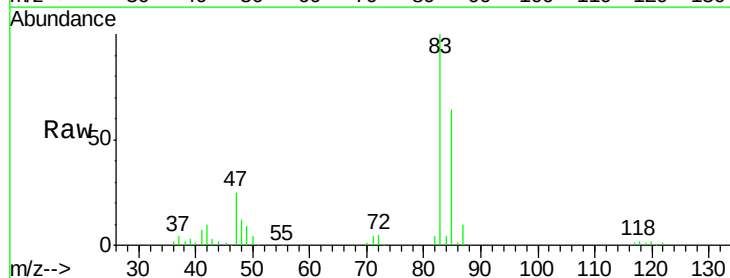
Manual Integrations
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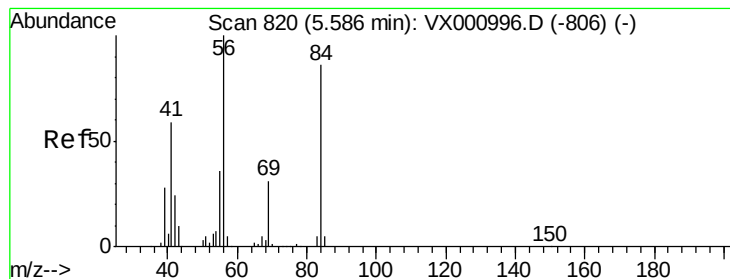
Sohil
4/27/2018 1:47:04 AM



#30
Chloroform
Concen: 20.73 ug/l
RT: 5.23 min Scan# 761
Delta R.T. 0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.3	76.9





#31

Cyclohexane

Concen: 18.51 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

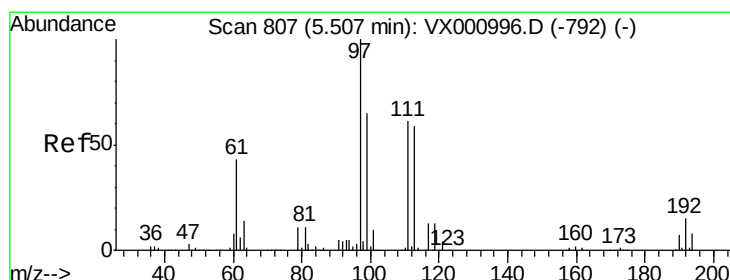
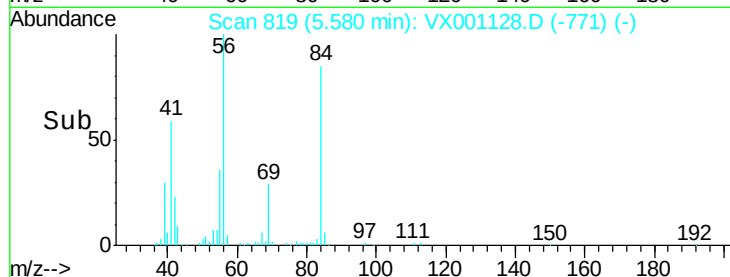
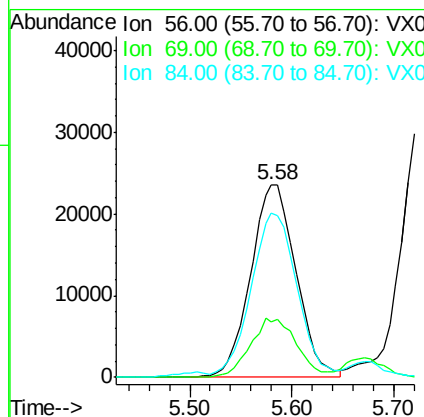
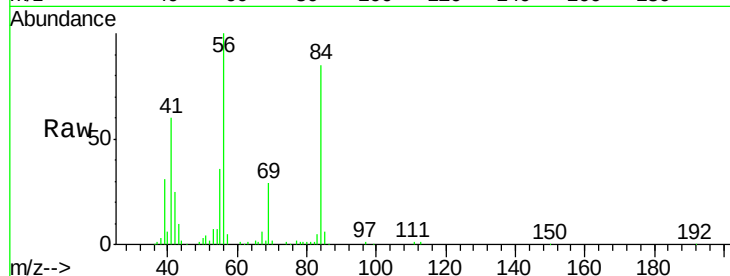
ClientSampleId :

VX0425WBSD01

Tot Ion:	56	Resp:	72817
Ion	Ratio	Lower	Upper
56	100		
69	28.9	24.6	36.8
84	83.2	69.0	103.6

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4/27/2018 1:47:04 AM



#32

1,1,1-Trichloroethane

Concen: 19.96 ug/l

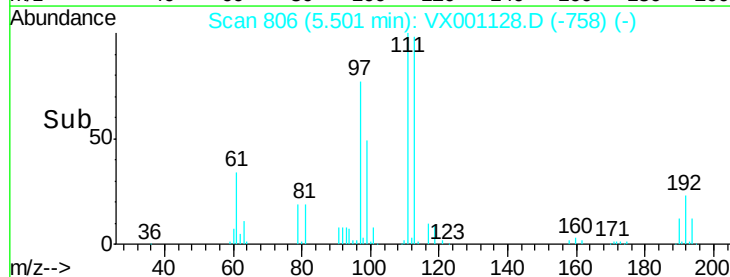
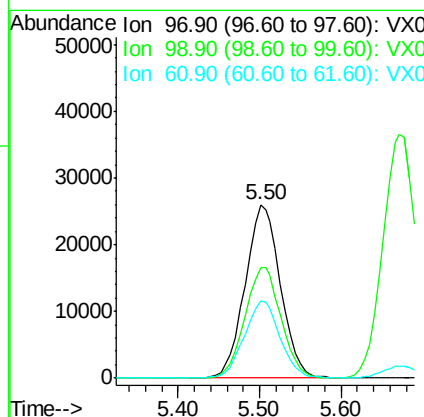
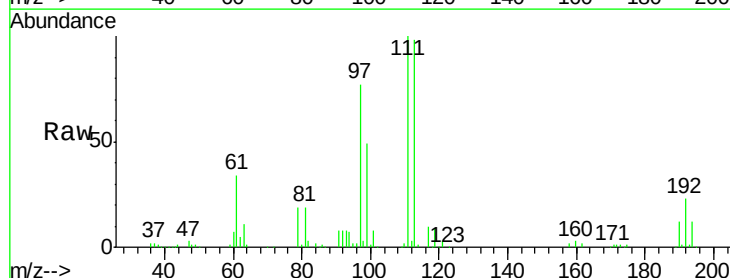
RT: 5.50 min Scan# 806

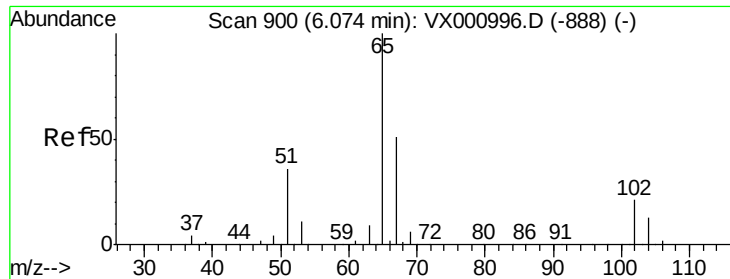
Delta R.T. -0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	97	Resp:	78123
Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.1	76.7
61	45.4	34.4	51.6





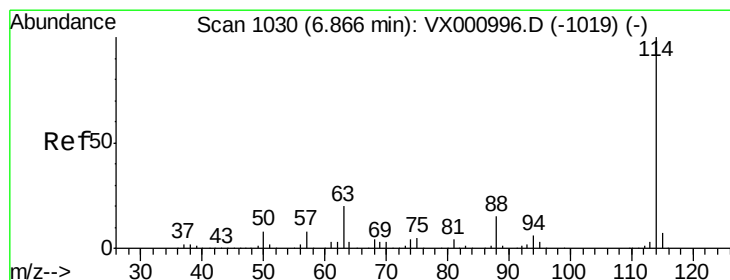
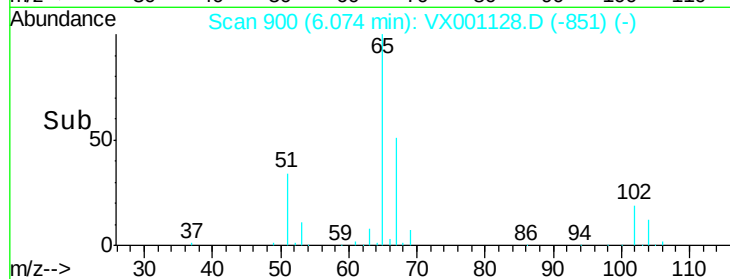
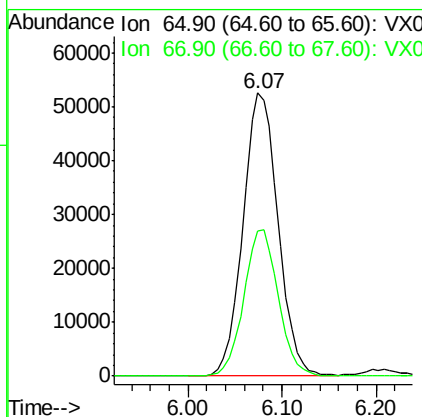
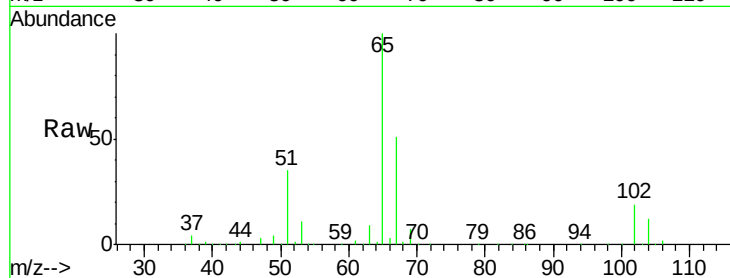
#33
 1,2-Dichloroethane-d4
 Concen: 49.19 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	137285		
67	50.9	0.0	102.6	

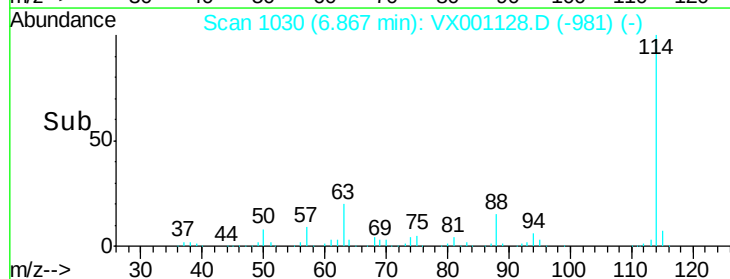
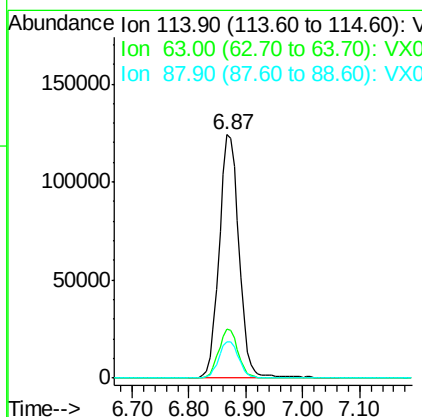
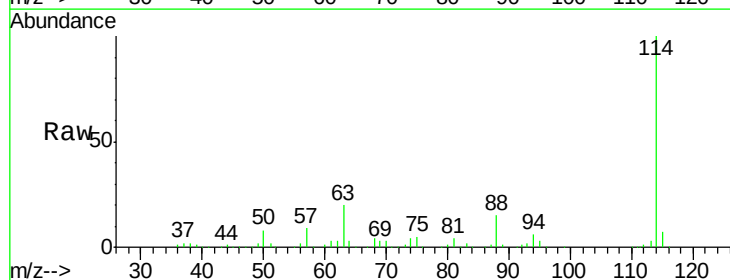
Manual Integrations
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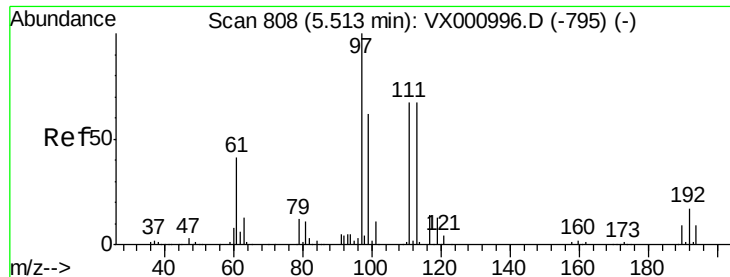
Sohil
 4/27/2018 1:47:04 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	300743		
63	20.3	0.0	39.4	
88	15.1	0.0	29.8	





#35

Dibromofluoromethane

Concen: 48.08 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

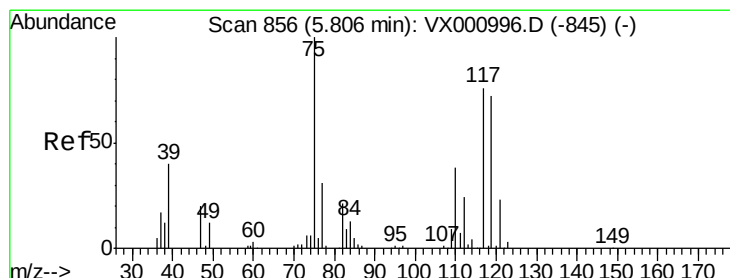
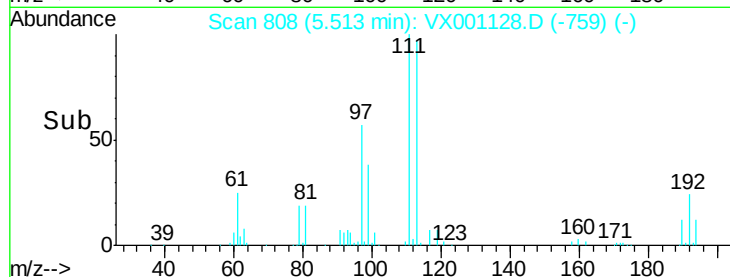
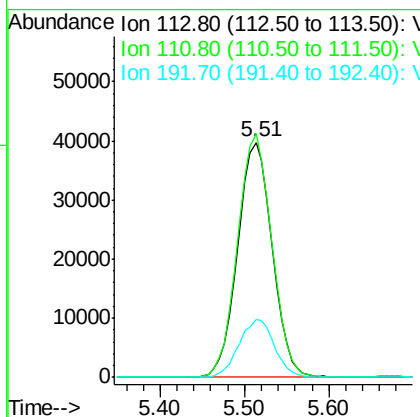
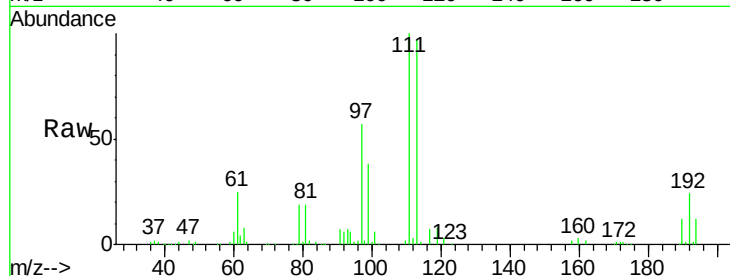
ClientSampleId :

VX0425WBSD01

Tot Ion:	113	Resp:	110254
Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.4	122.2
192	25.2	20.4	30.6

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#36

1,1-Dichloropropene

Concen: 17.95 ug/l

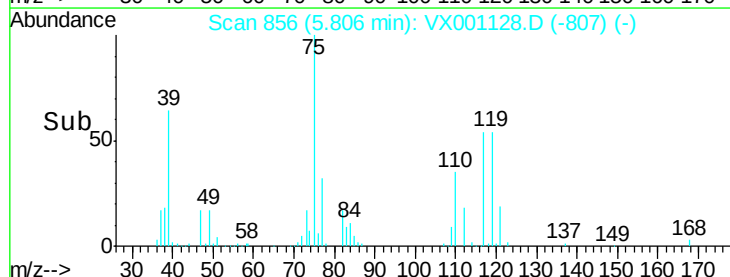
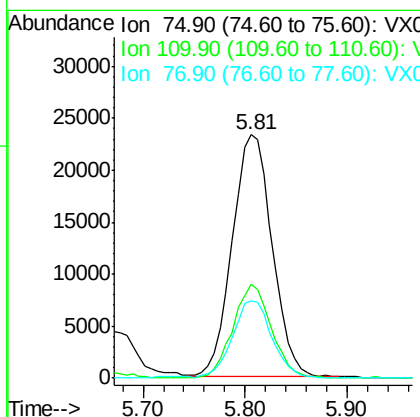
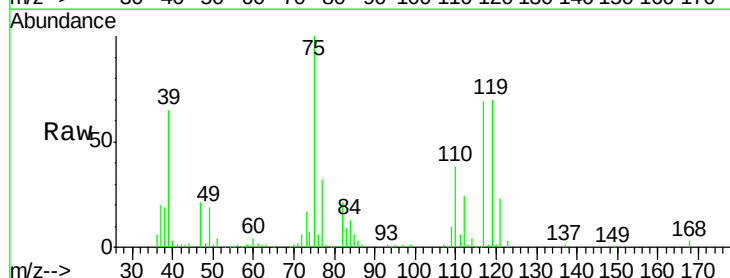
RT: 5.81 min Scan# 856

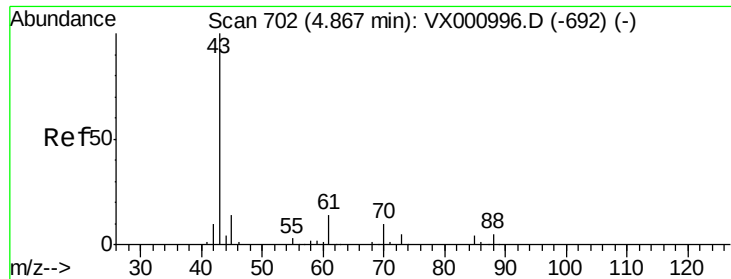
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	75	Resp:	63422
Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.7	56.1
77	32.3	25.0	37.4





#37

Ethyl Acetate

Concen: 21.65 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

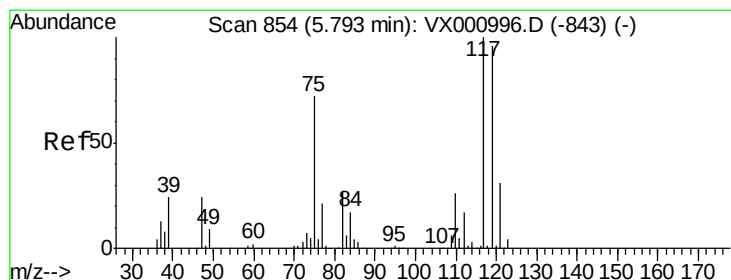
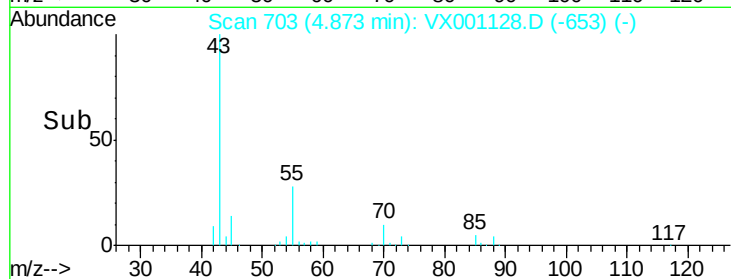
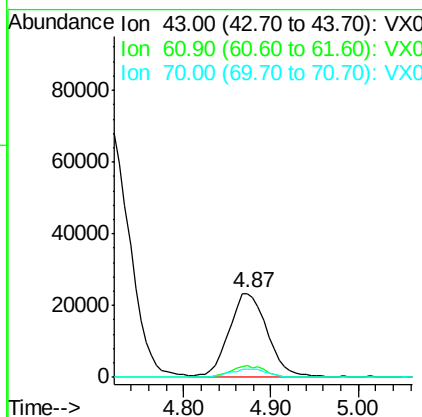
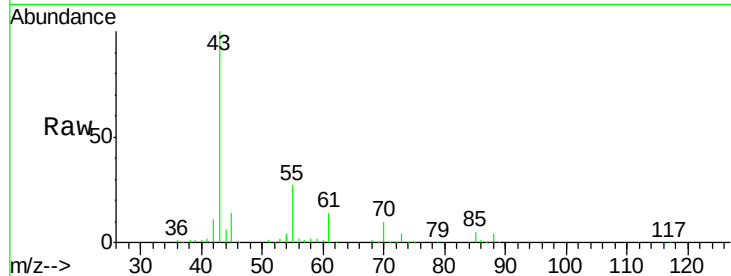
ClientSampleId :

VX0425WBSD01

Tot Ion:	43	Resp:	70194
Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.7	16.1
70	10.2	8.3	12.5

Manual Integrations
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4/27/2018 1:47:04 AM



#38

Carbon Tetrachloride

Concen: 18.65 ug/l

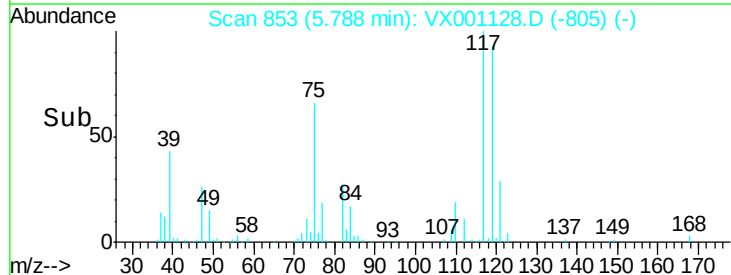
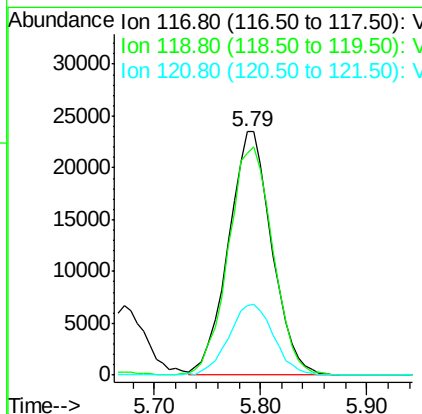
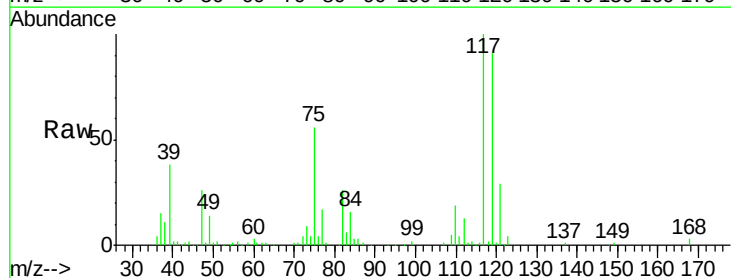
RT: 5.79 min Scan# 853

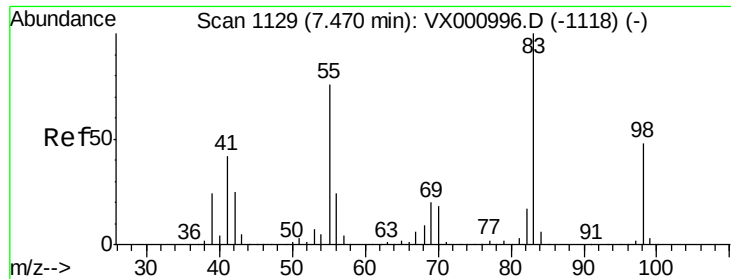
Delta R.T. -0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	117	Resp:	66741
Ion	Ratio	Lower	Upper
117	100		
119	91.4	76.5	114.7
121	28.7	24.5	36.7





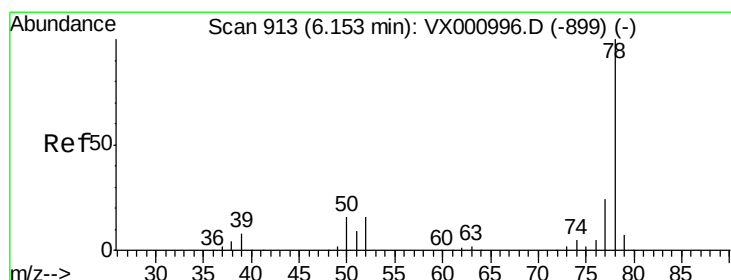
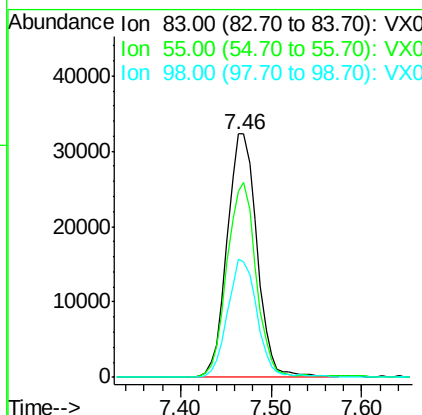
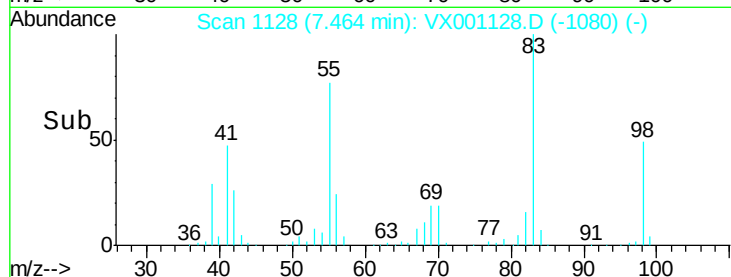
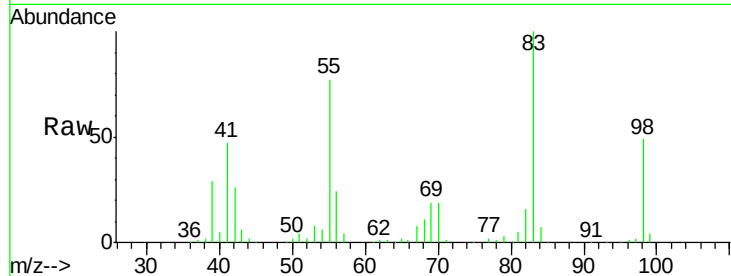
#39
Methylvlcyclohexane
Concen: 18.08 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	60.6	91.0
98	48.7	38.2	57.4

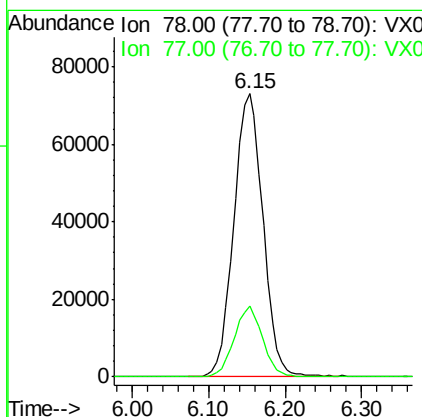
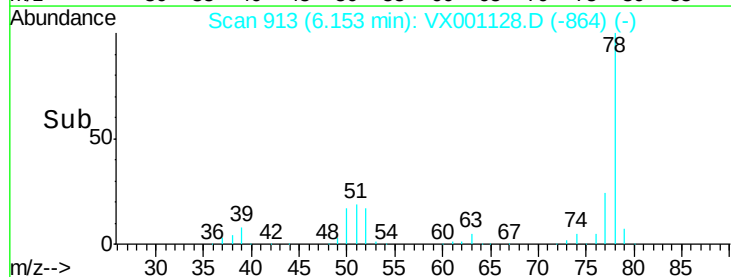
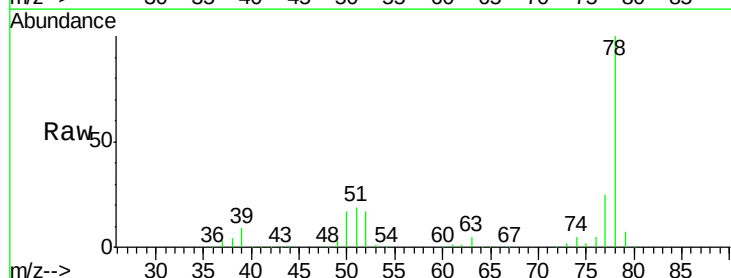
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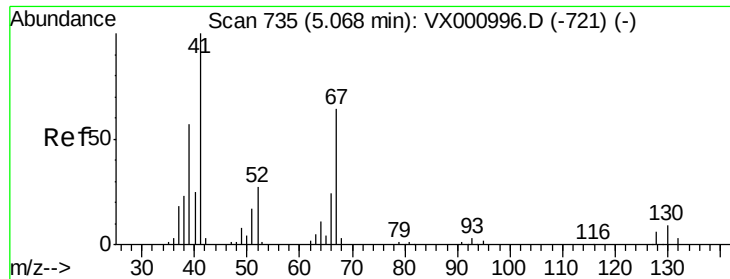
Sohil
4/27/2018 1:47:04 AM



#40
Benzene
Concen: 19.65 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	18.9	28.3





#41

Methacrylonitrile

Concen: 20.90 ug/l

RT: 5.07 min Scan# 736

Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

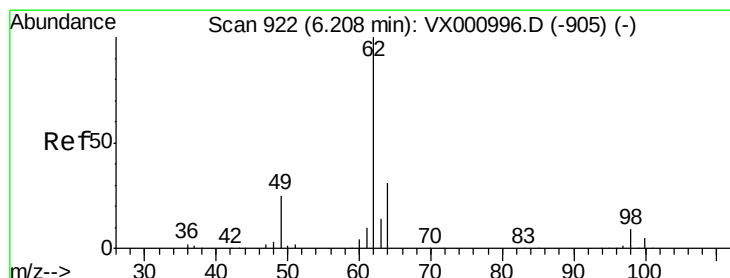
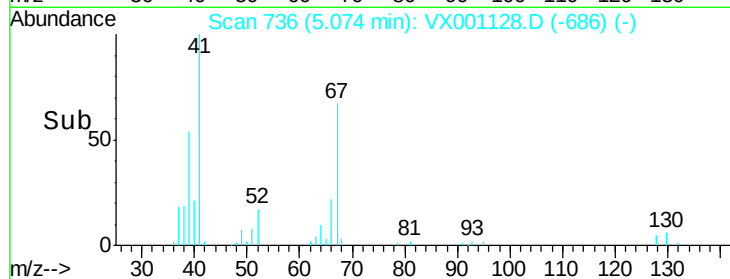
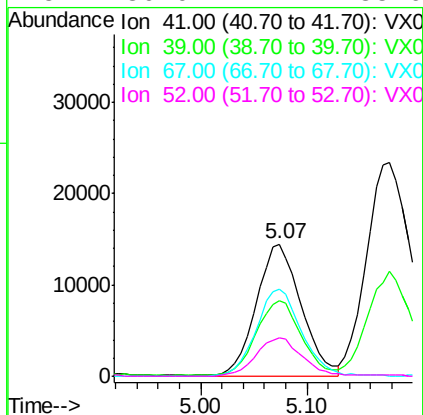
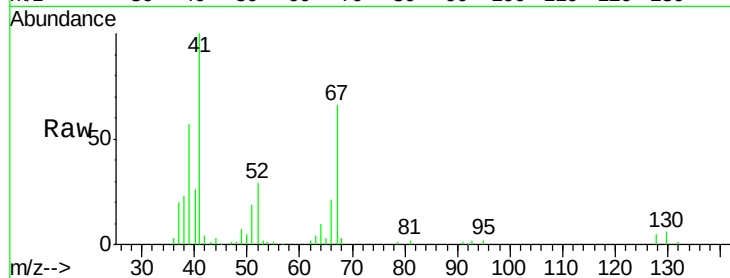
ClientSampleId :

VX0425WBSD01

Tot Ion:	41	Resp:	42320
Ion	Ratio	Lower	Upper
41	100		
39	57.2	45.2	67.8
67	67.1	53.8	80.8
52	30.0	22.4	33.6

Manual Integrations
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4/27/2018 1:47:04 AM



#42

1,2-Dichloroethane

Concen: 21.08 ug/l

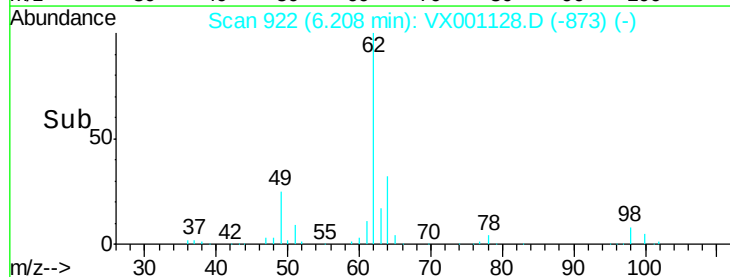
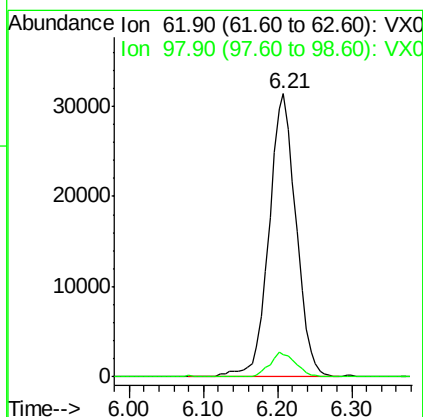
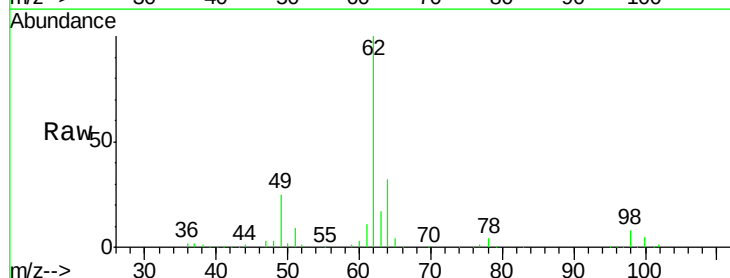
RT: 6.21 min Scan# 922

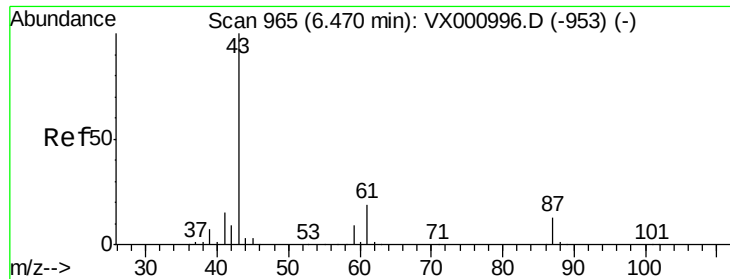
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	62	Resp:	79506
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6





#43

Isopropyl Acetate

Concen: 21.04 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

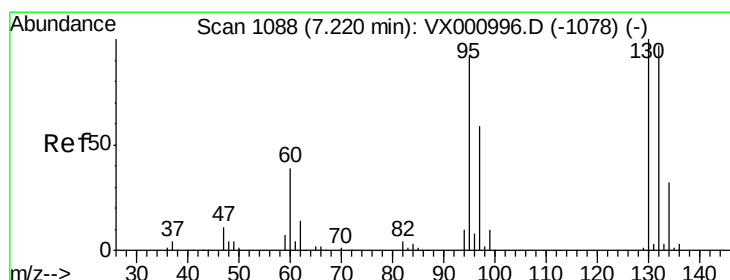
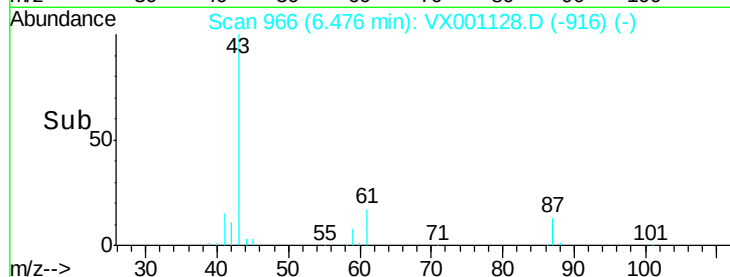
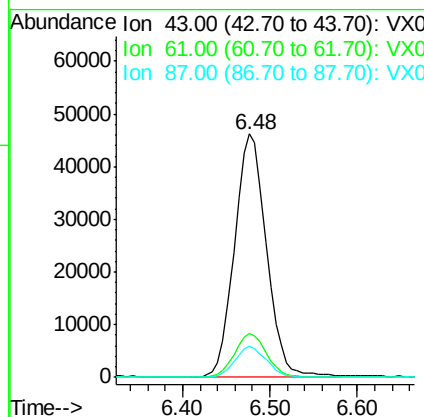
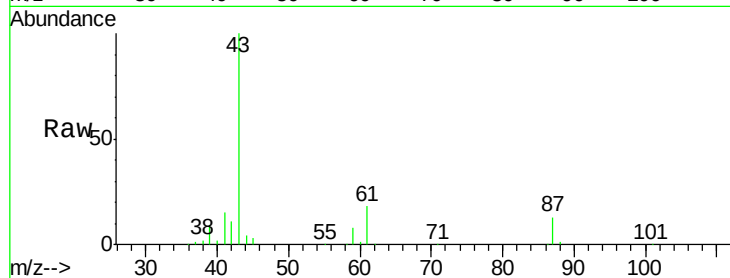
ClientSampleId :

VX0425WBSD01

Tot Ion:	43	Resp:	117037
Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.4	23.2
87	12.8	10.6	15.8

Manual Integrations
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#44

Trichloroethene

Concen: 18.84 ug/l

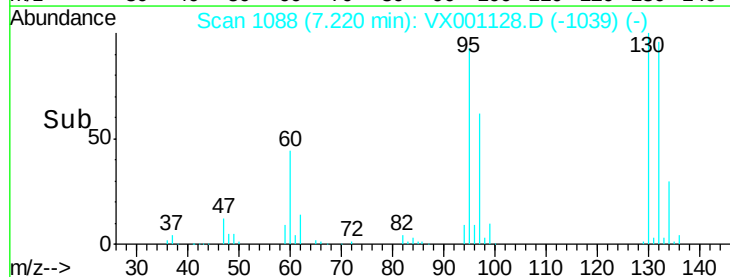
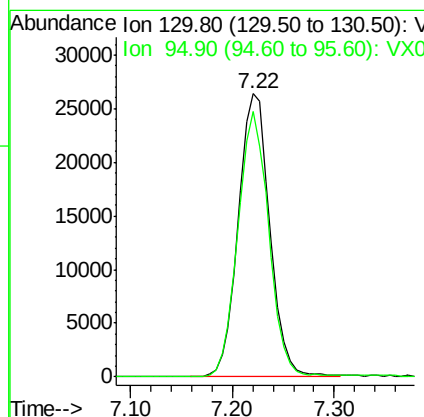
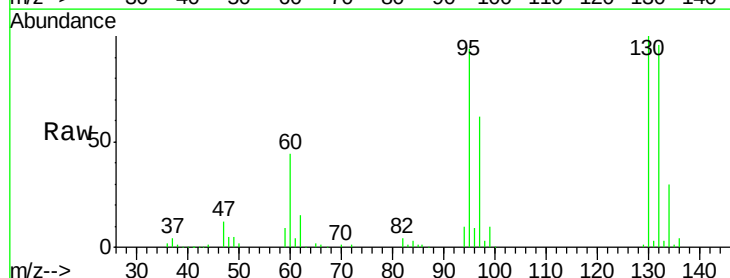
RT: 7.22 min Scan# 1088

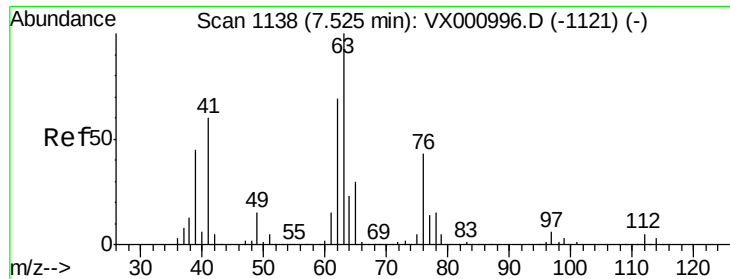
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	130	Resp:	56565
Ion	Ratio	Lower	Upper
130	100		
95	93.7	0.0	184.2





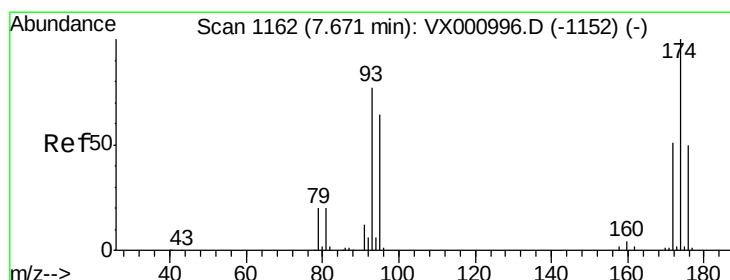
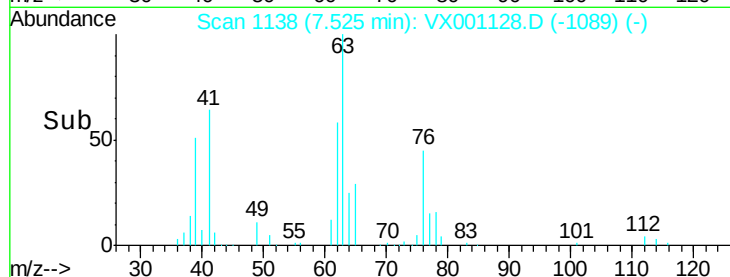
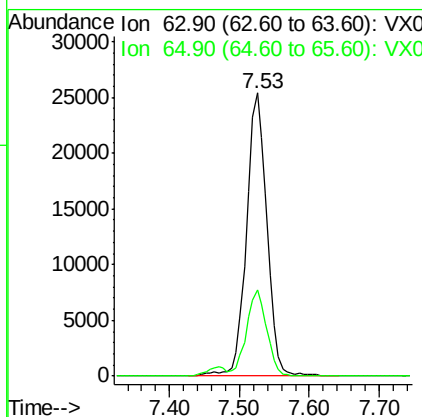
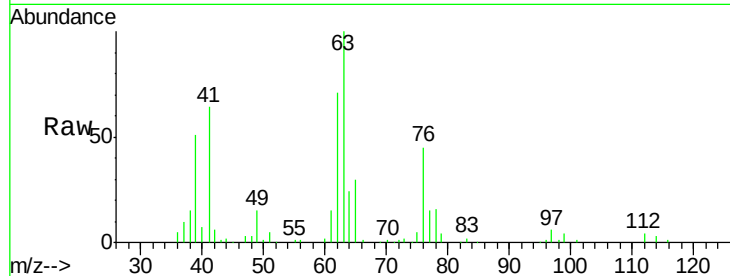
#45
 1,2-Dichloropropane
 Concen: 20.84 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Tot Ion: 63 Resp: 51486
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6

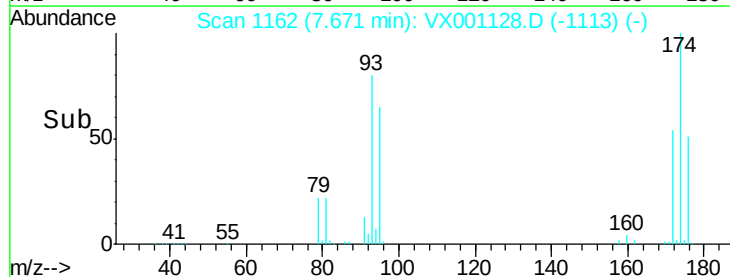
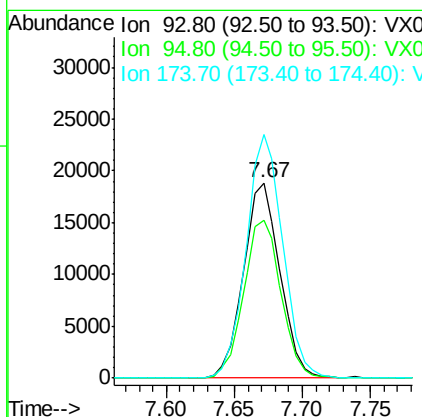
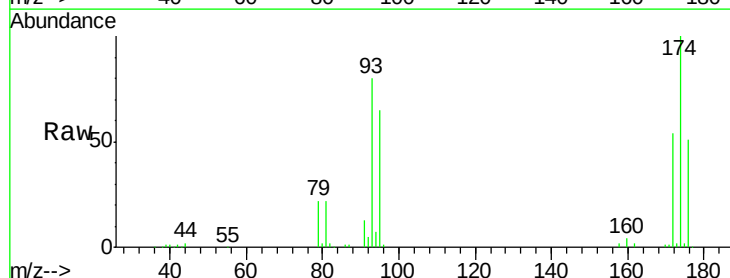
Manual Integrations
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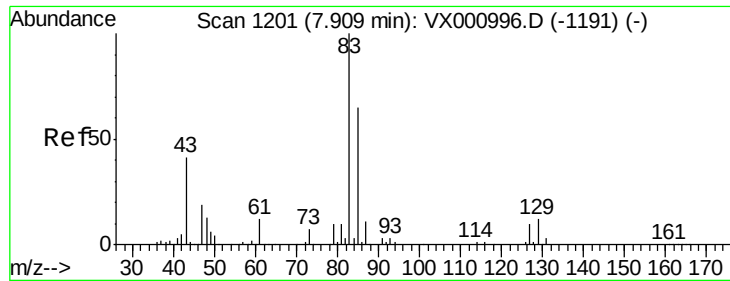
Sohil
 4/27/2018 1:47:04 AM



#46
 Dibromomethane
 Concen: 20.57 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion: 93 Resp: 35501
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.7 100.1
 174 125.2 101.8 152.6





#47

Bromodichloromethane

Concen: 19.81 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBSD01

Tot Ion: 83 Resp: 63348

Ion Ratio Lower Upper

83 100

85 64.0 52.3 78.5

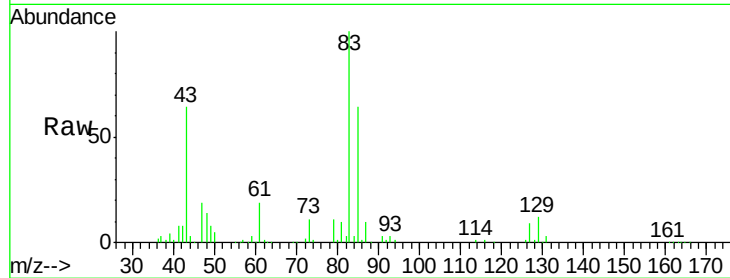
127 8.6 7.8 11.6

Manual Integrations

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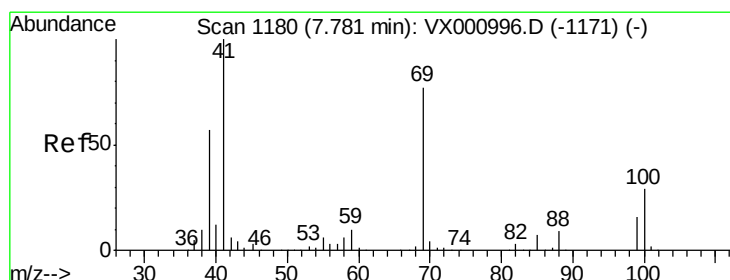
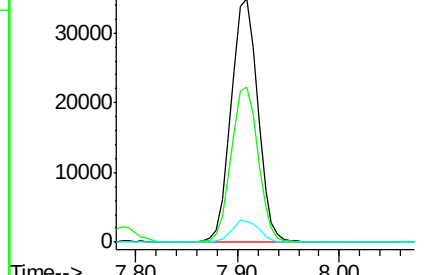
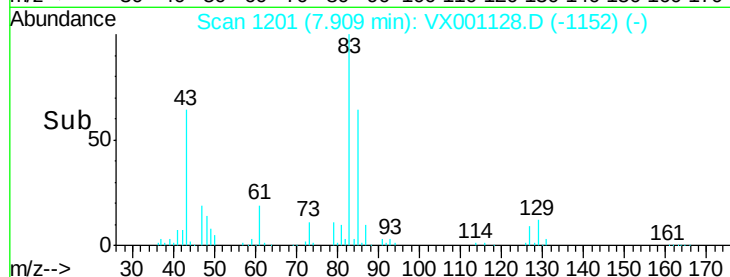
4/27/2018 1:47:04 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.77 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

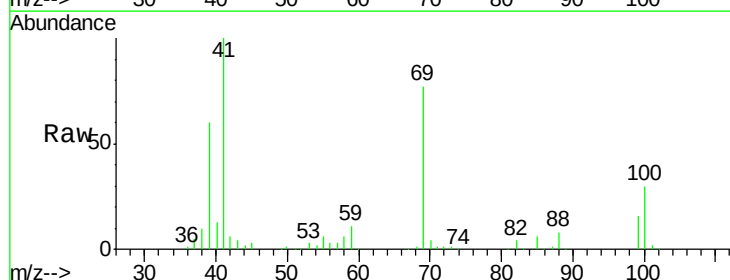
Tgt Ion: 41 Resp: 62209

Ion Ratio Lower Upper

41 100

69 78.1 62.6 94.0

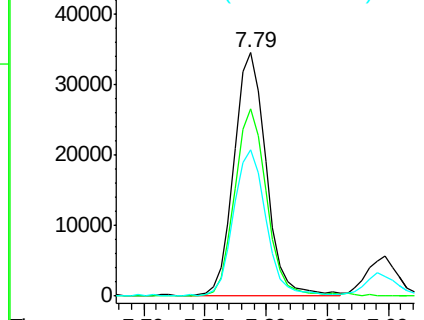
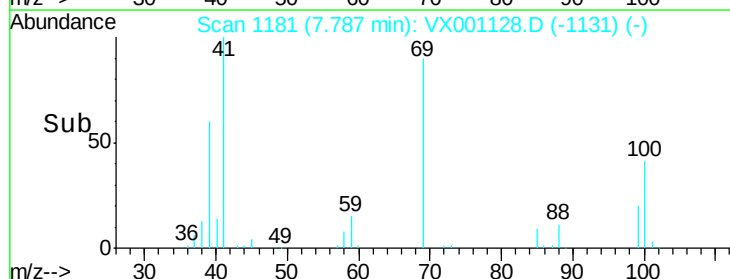
39 60.6 45.3 67.9

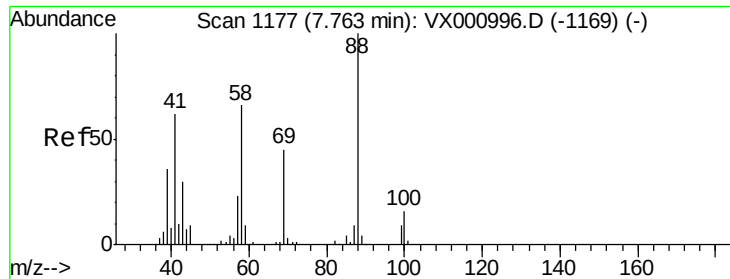


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 492.04 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

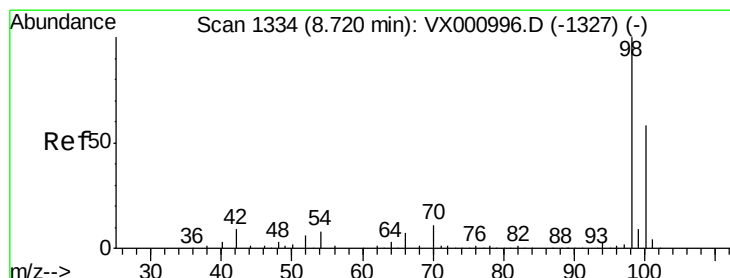
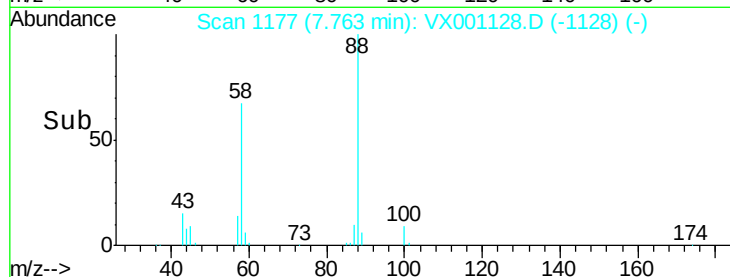
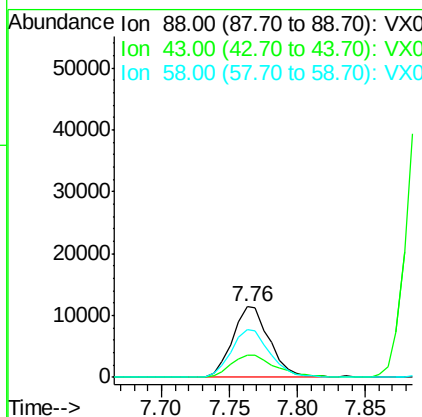
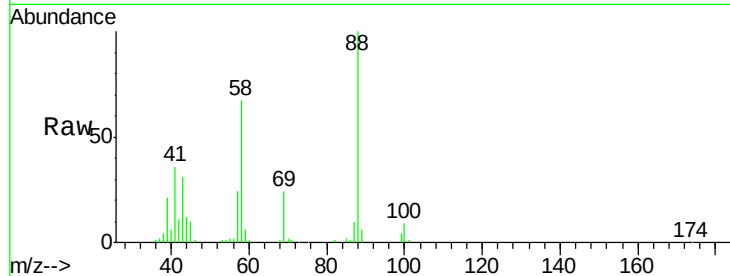
ClientSampleId :

VX0425WBSD01

Tot Ion:	88	Resp:	21669
Ion	Ratio	Lower	Upper
88	100		
43	38.5	29.2	43.8
58	71.3	55.0	82.6

Manual Integrations
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#50

Toluene-d8

Concen: 45.38 ug/l

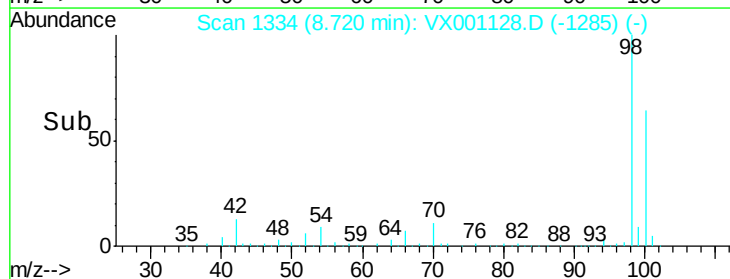
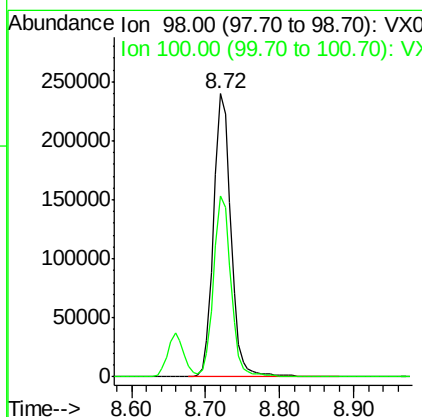
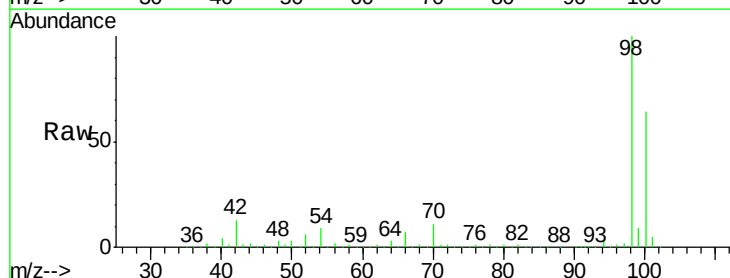
RT: 8.72 min Scan# 1334

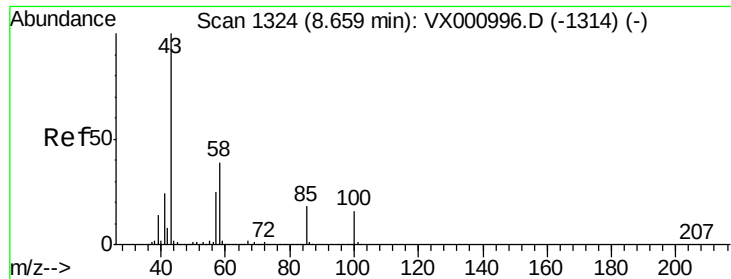
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	98	Resp:	384774
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 115.09 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBSD01

Tot Ion: 43 Resp: 388643

Ion Ratio Lower Upper

43 100

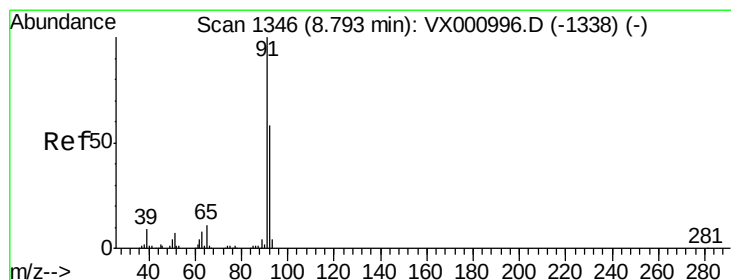
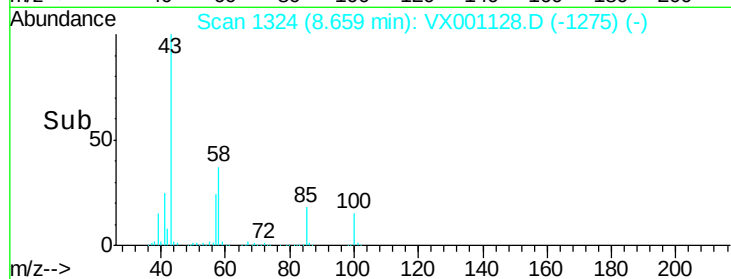
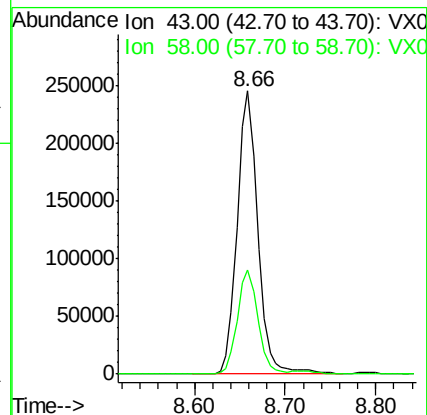
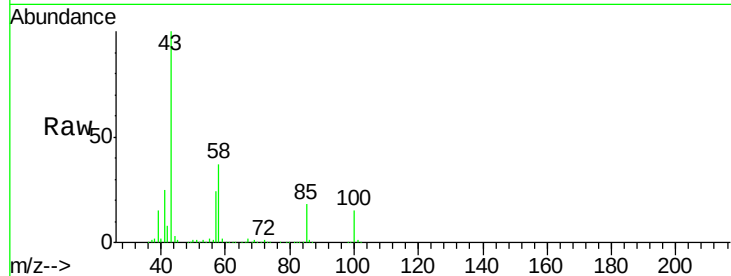
58 36.5 30.2 45.4

Manual Integrations

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#52

Toluene

Concen: 19.35 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001128.D

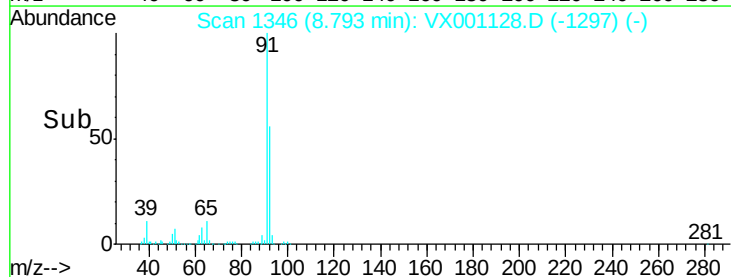
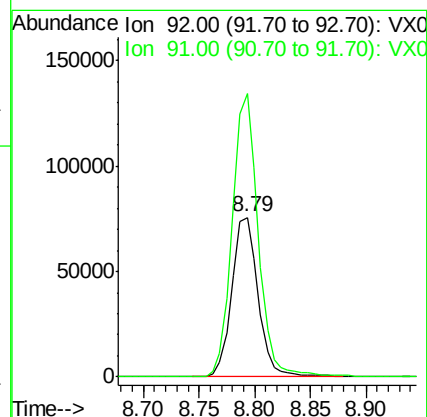
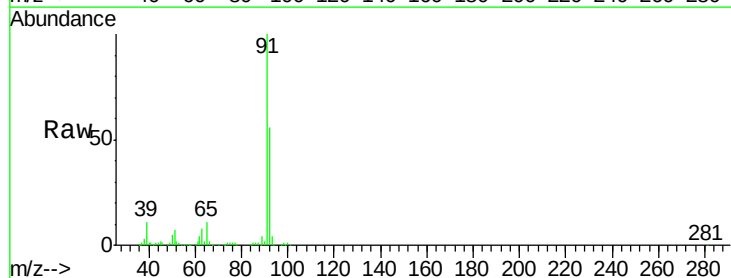
Acq: 25 Apr 2018 19:03

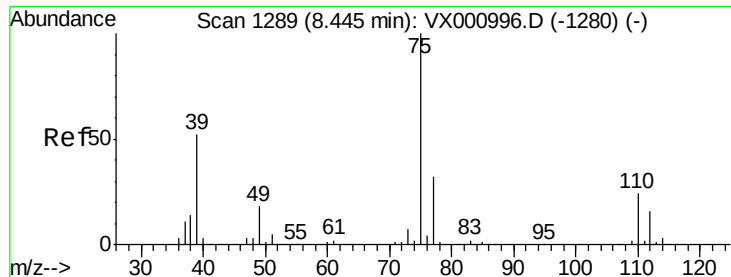
Tgt Ion: 92 Resp: 124093

Ion Ratio Lower Upper

92 100

91 176.0 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 19.27 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBSD01

Tot Ion: 75 Resp: 73690

Ion Ratio Lower Upper

75 100

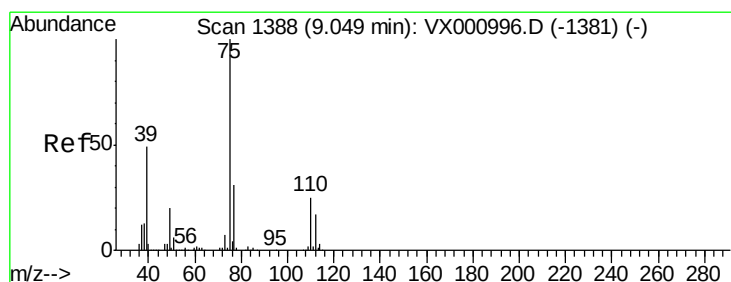
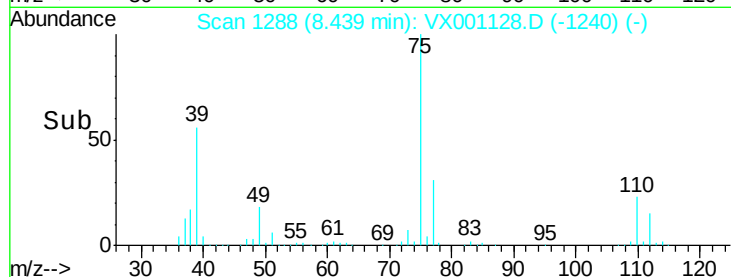
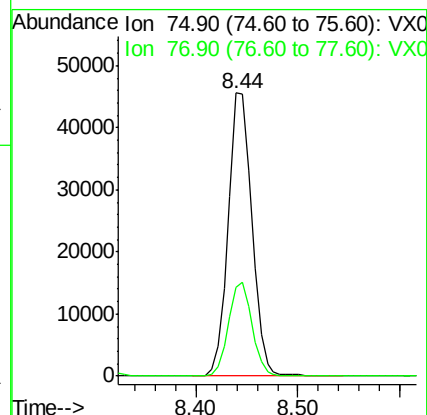
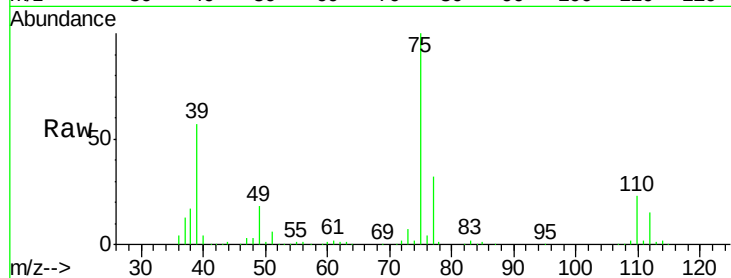
77 31.5 25.8 38.6

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.11 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

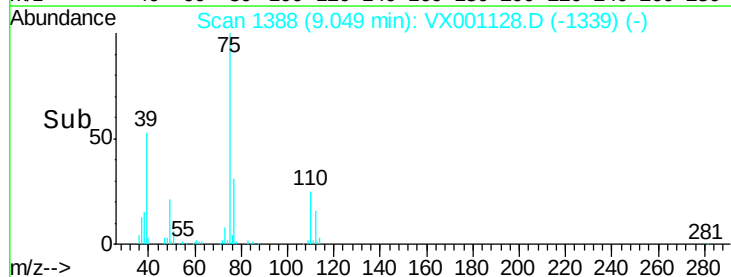
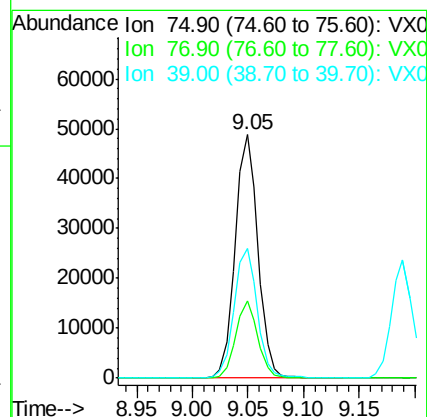
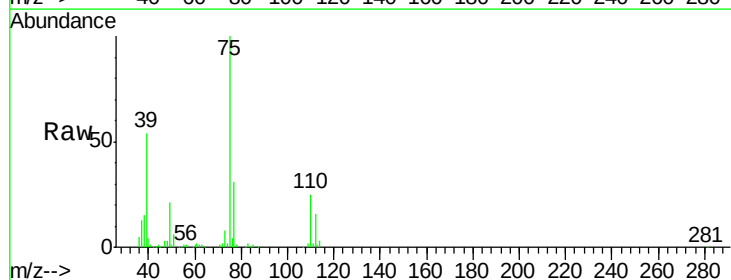
Tgt Ion: 75 Resp: 68918

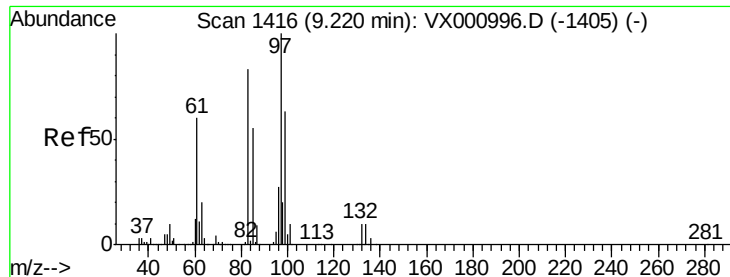
Ion Ratio Lower Upper

75 100

77 31.5 25.0 37.6

39 53.3 39.2 58.8





#55

1,1,2-Trichloroethane

Concen: 20.93 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

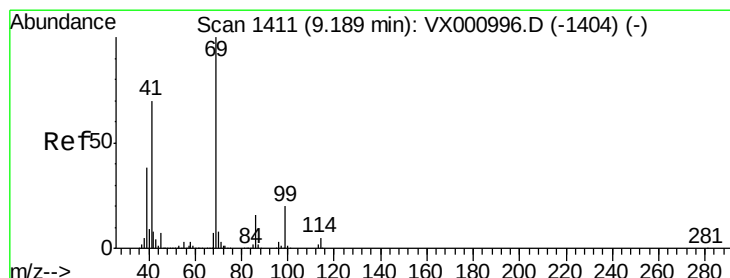
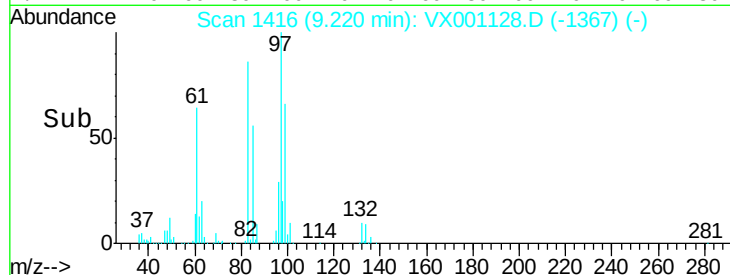
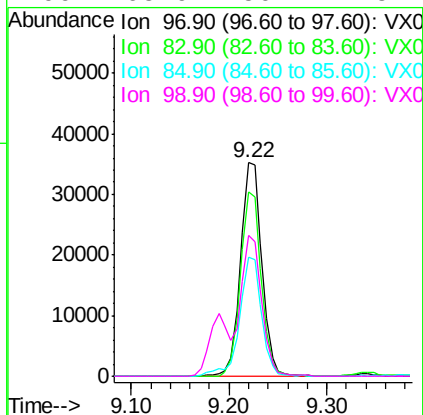
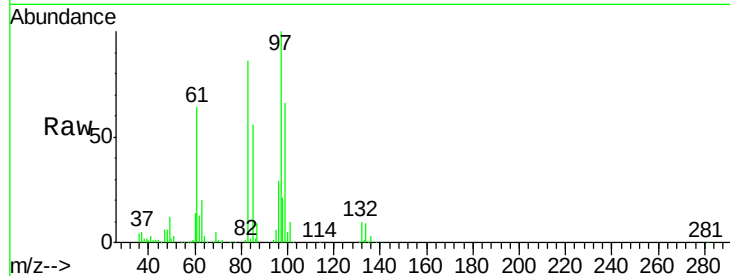
ClientSampleId :

VX0425WBSD01

Tot Ion:	97	Resp:	53359
Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.2	99.4
85	55.6	44.2	66.4
99	65.9	50.2	75.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 20.69 ug/l

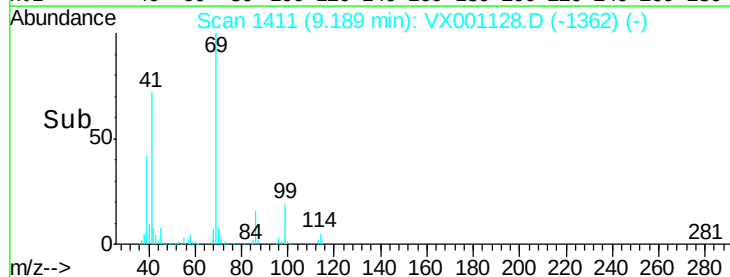
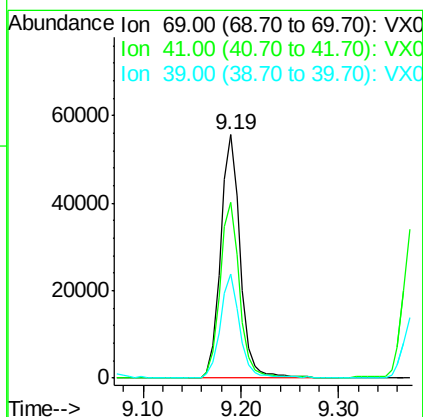
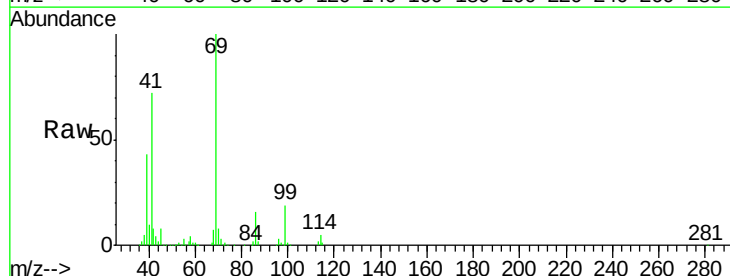
RT: 9.19 min Scan# 1411

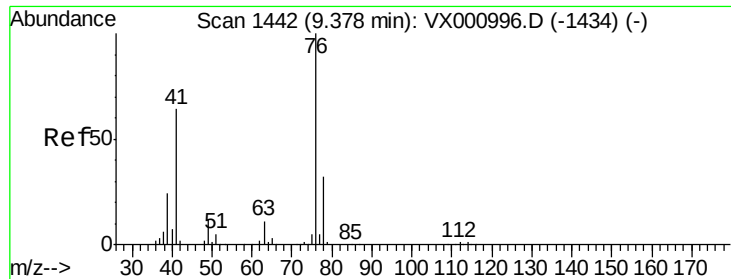
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	69	Resp:	77454
Ion	Ratio	Lower	Upper
69	100		
41	71.4	56.3	84.5
39	41.5	30.4	45.6





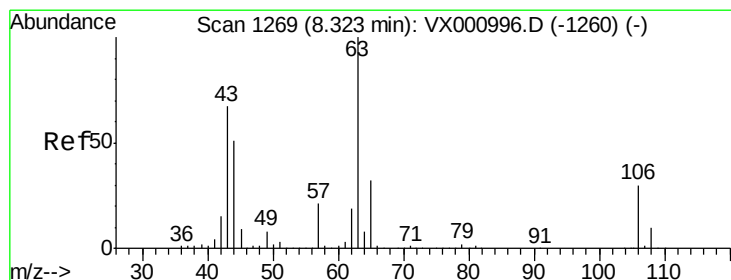
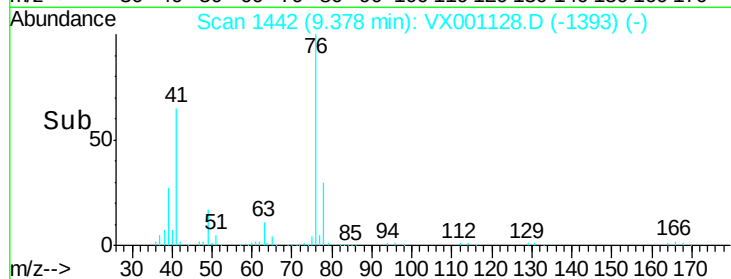
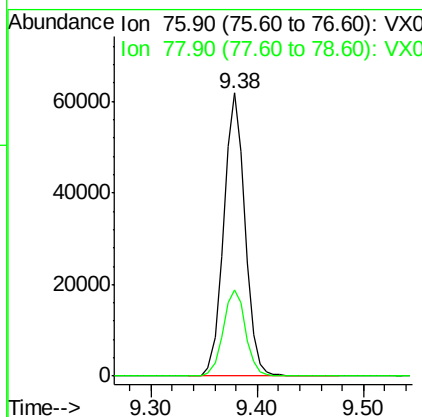
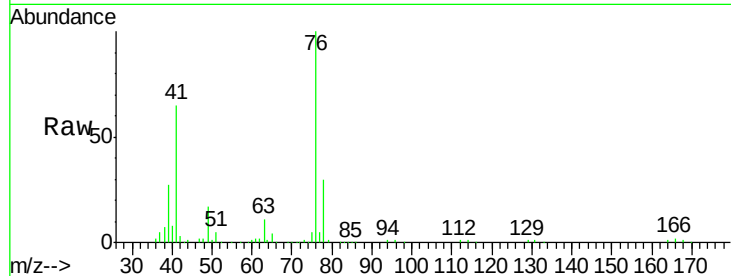
#57
 1,3-Dichloropropane
 Concen: 20.53 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampled :
 VX0425WBSD01

Tot Ion: 76 Resp: 86680
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6

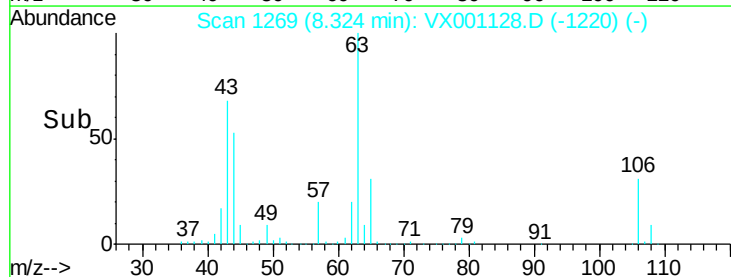
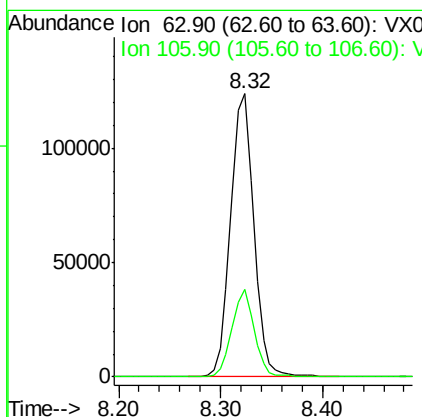
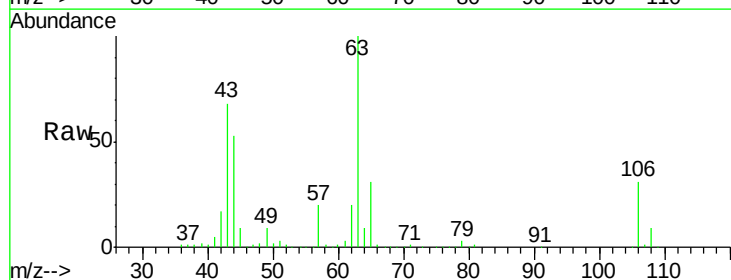
Manual Integrations
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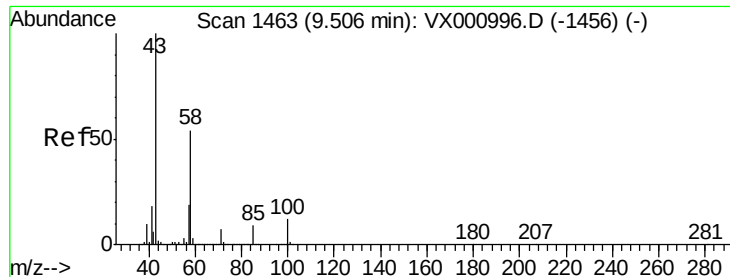
Sohil
 4/27/2018 1:47:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 106.34 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion: 63 Resp: 194300
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.8 35.6





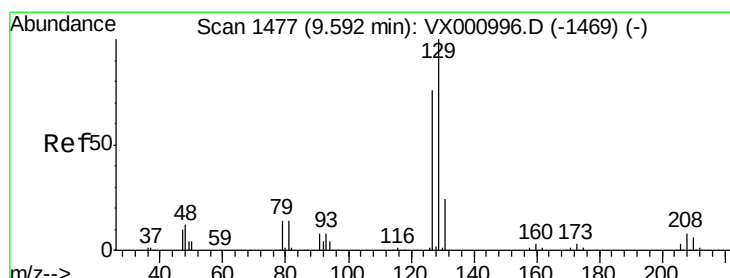
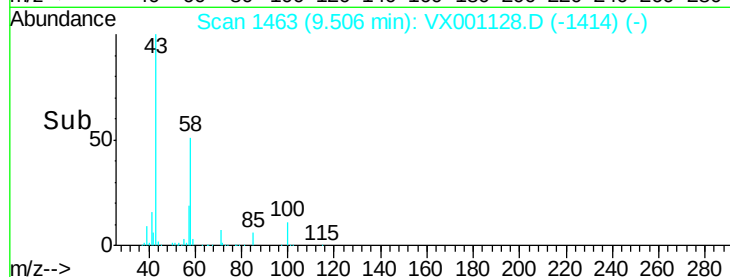
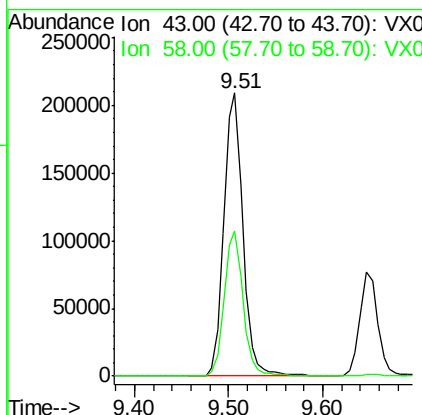
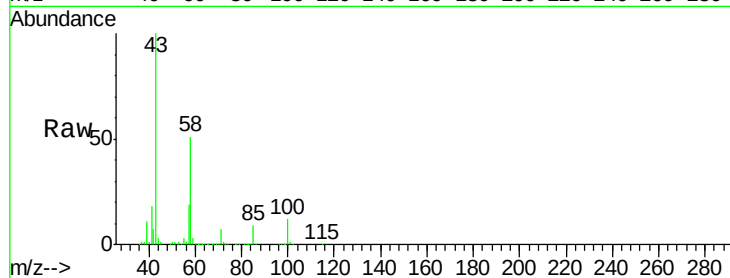
#59
2-Hexanone
Concen: 113.64 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.8	26.3	78.9

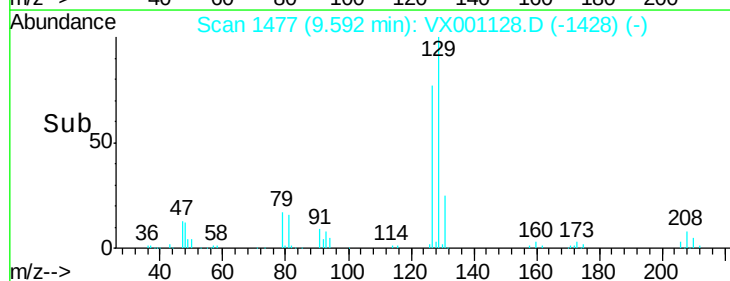
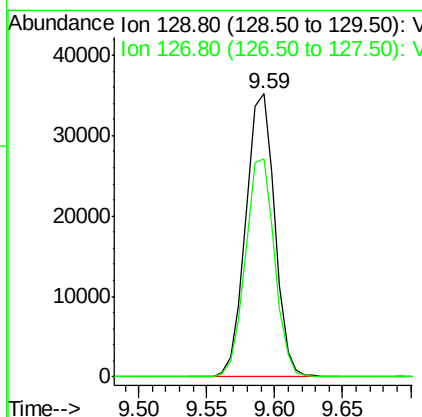
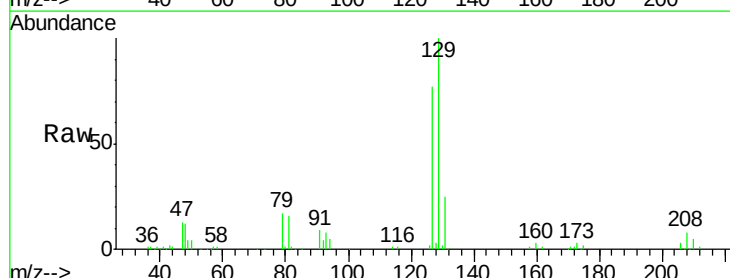
Manual Integrations
APPROVED

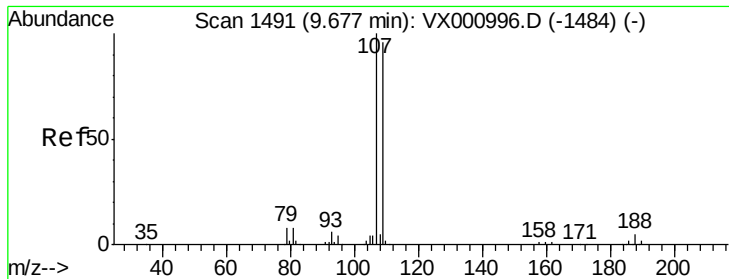
Sohil
4/27/2018 1:47:04 AM



#60
Dibromochloromethane
Concen: 19.66 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.6	115.8





#61

1,2-Dibromoethane

Concen: 20.93 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampleId :

VX0425WBSD01

Tot Ion:107 Resp: 56307

Ion Ratio Lower Upper

107 100

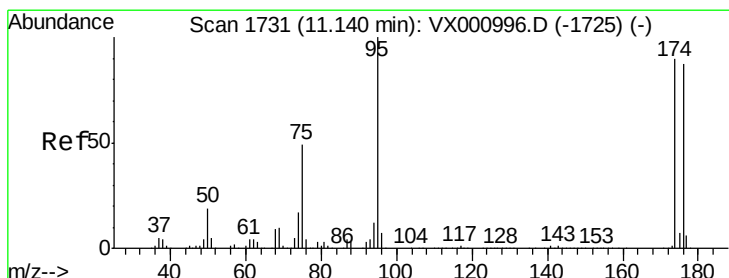
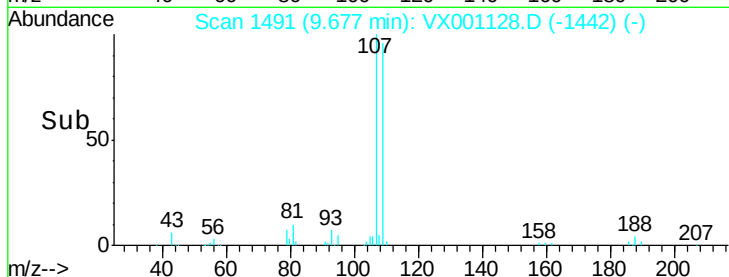
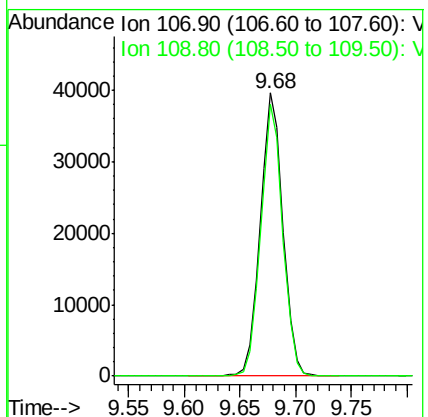
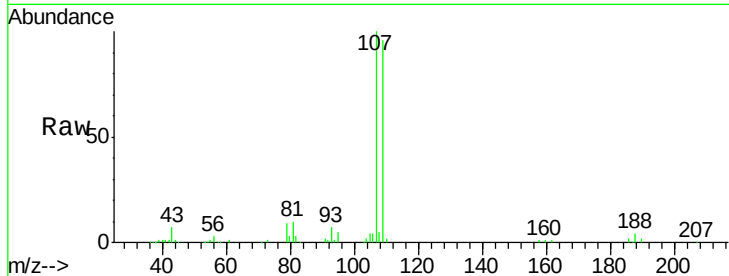
109 93.5 76.0 114.0

Manual Integrations

APPROVED

Sohil

4/27/2018 1:47:04 AM



#62

4-Bromofluorobenzene

Concen: 44.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

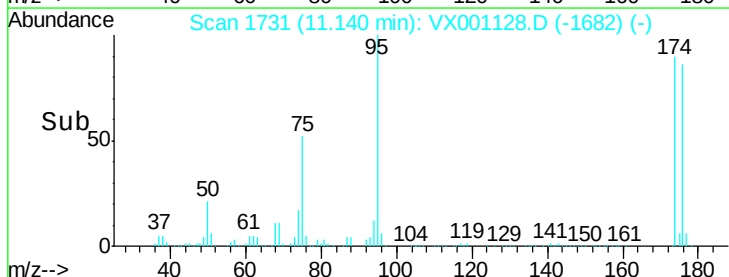
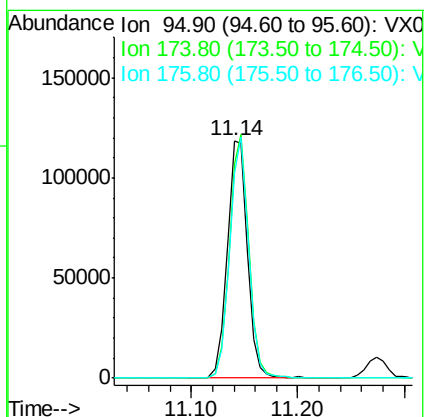
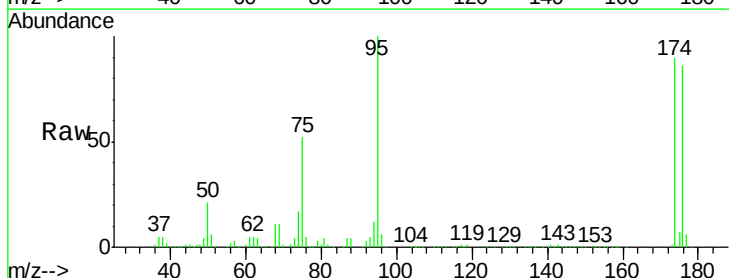
Tgt Ion: 95 Resp: 157327

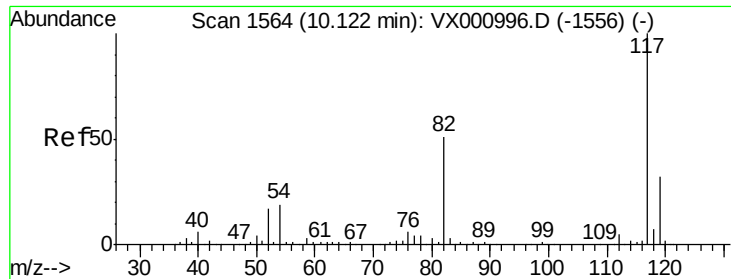
Ion Ratio Lower Upper

95 100

174 97.9 0.0 198.4

176 95.3 0.0 192.0





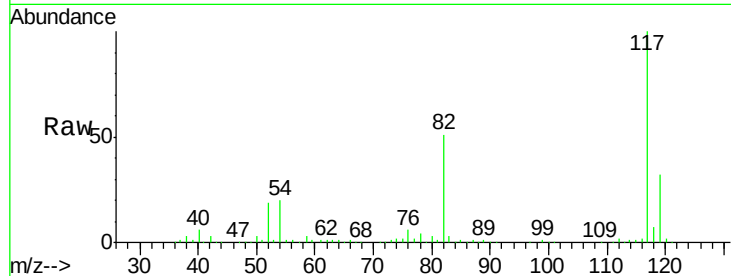
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampled :
VX0425WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	40.6	60.8
119	31.8	26.0	39.0

Manual Integrations
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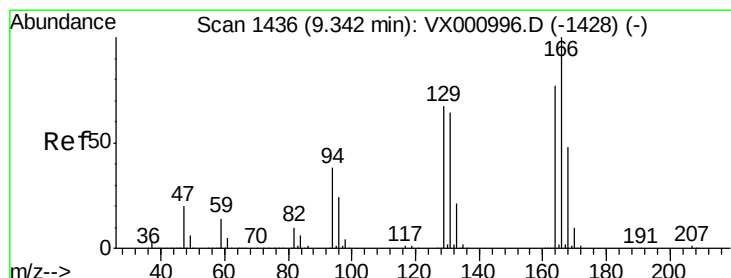
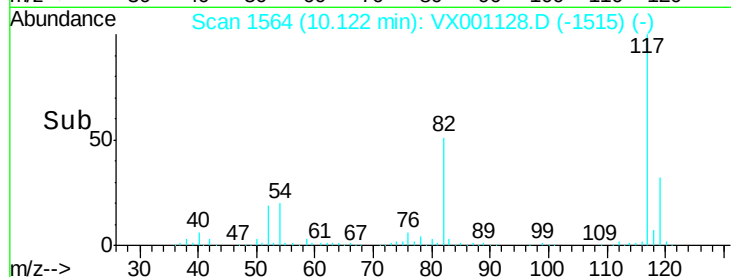
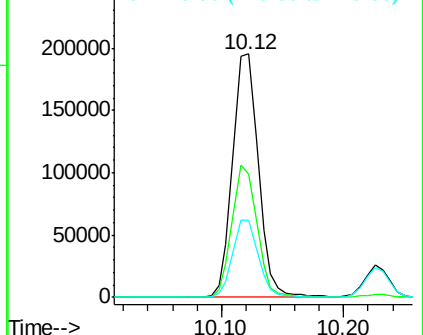


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 20.08 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	103.5	155.3
129	82.4	69.6	104.4
131	82.3	65.8	98.8

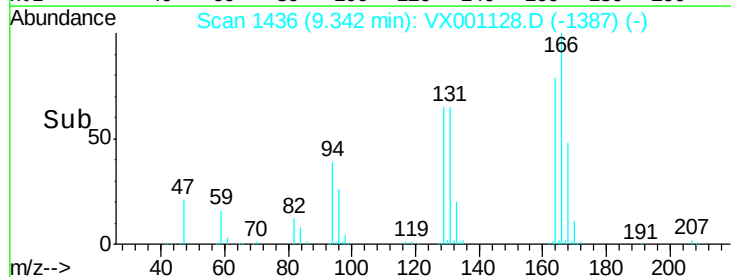
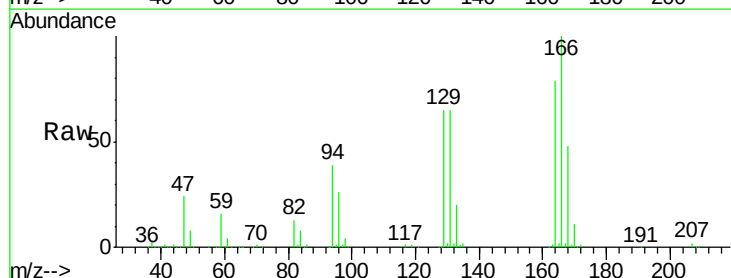
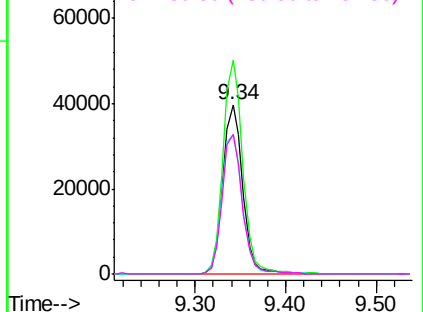
Abundance

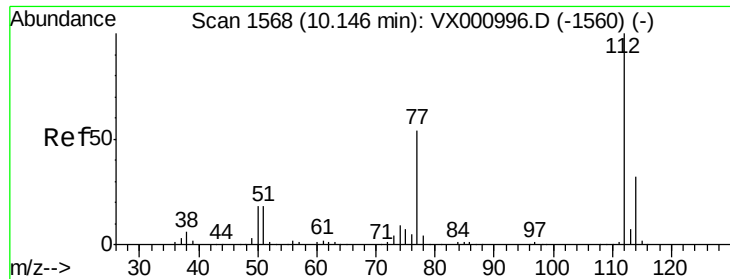
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





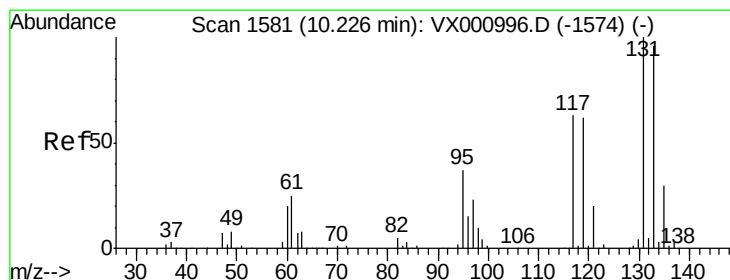
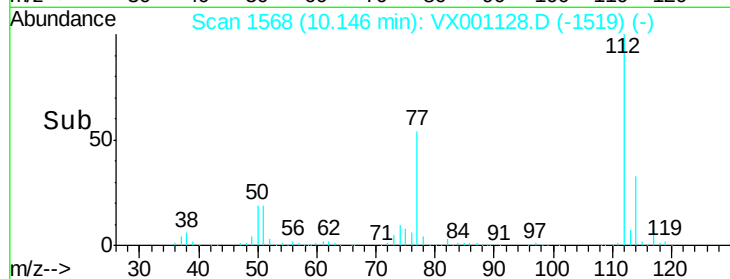
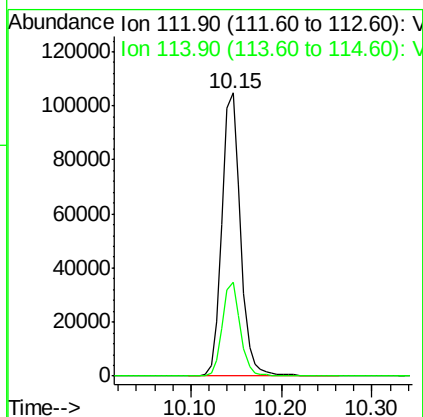
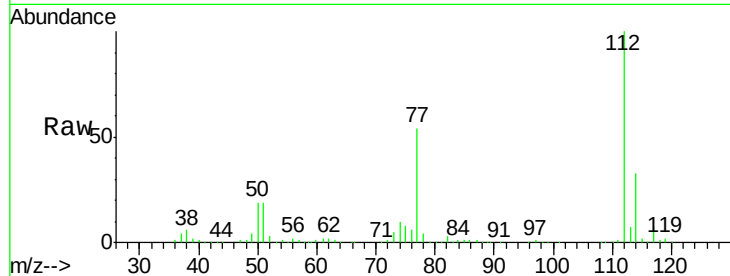
#65
Chlorobenzene
Concen: 19.70 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion:112 Resp: 149725
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3

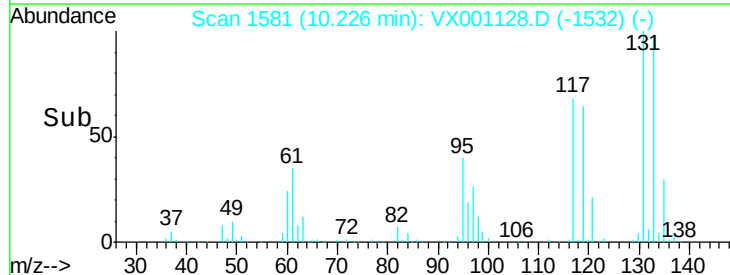
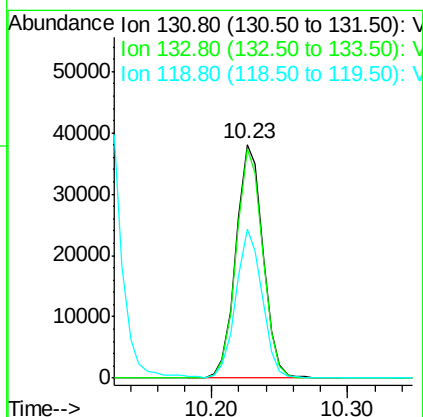
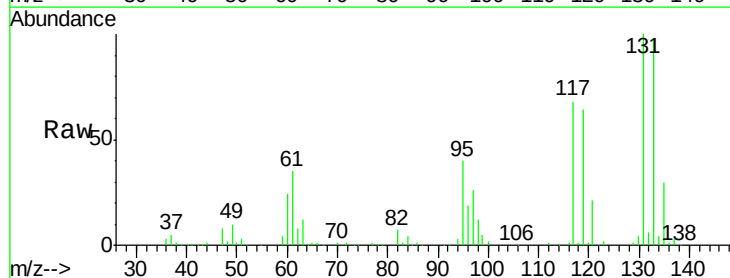
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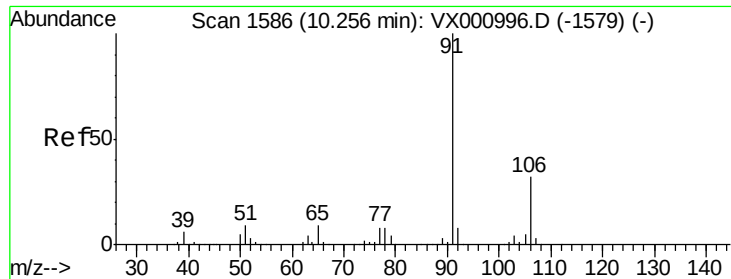
Sohil
4/27/2018 1:47:04 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.18 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion:131 Resp: 52638
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.8
119 61.8 31.1 93.2





#67

Ethyl Benzene

Concen: 19.39 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampled :

VX0425WBSD01

Tot Ion: 91 Resp: 244680

Ion Ratio Lower Upper

91 100

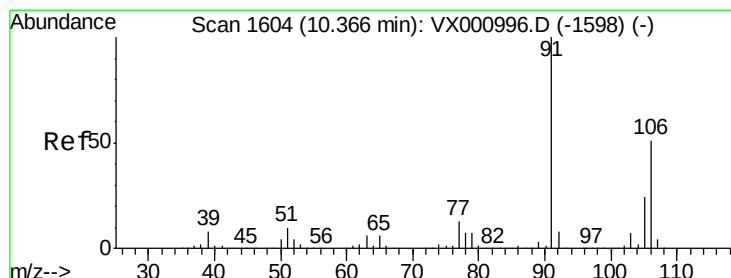
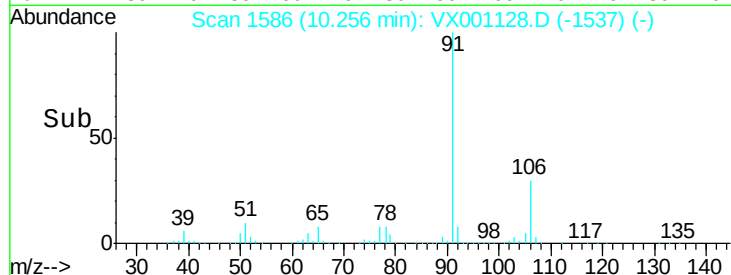
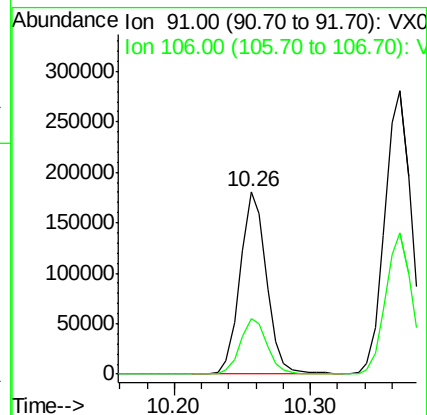
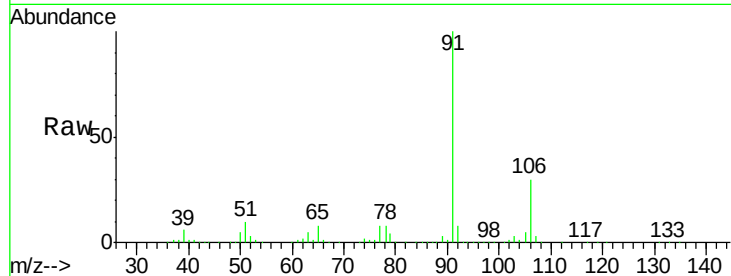
106 30.5 25.7 38.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 38.16 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001128.D

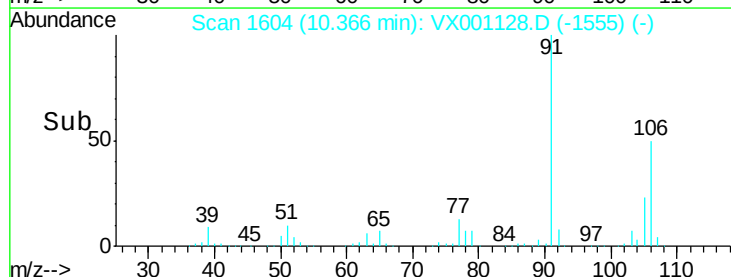
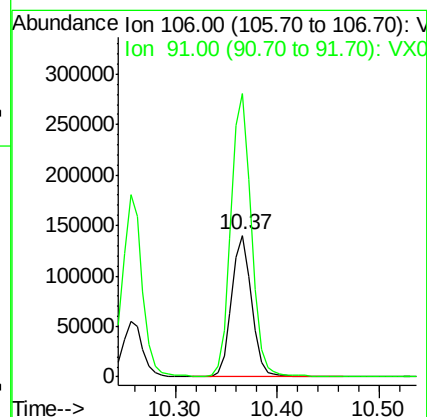
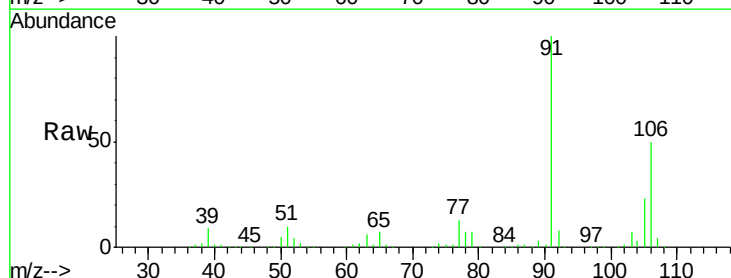
Acq: 25 Apr 2018 19:03

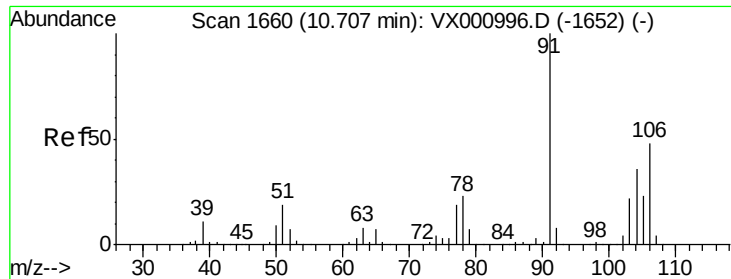
Tgt Ion: 106 Resp: 189818

Ion Ratio Lower Upper

106 100

91 205.4 159.3 238.9





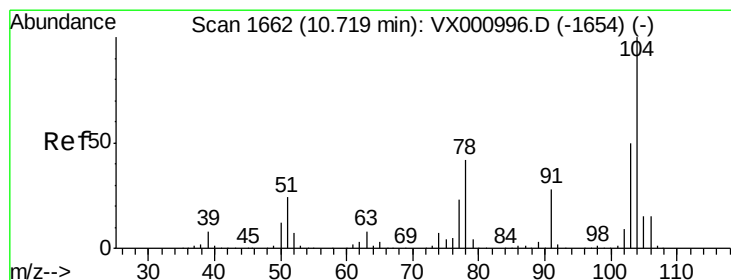
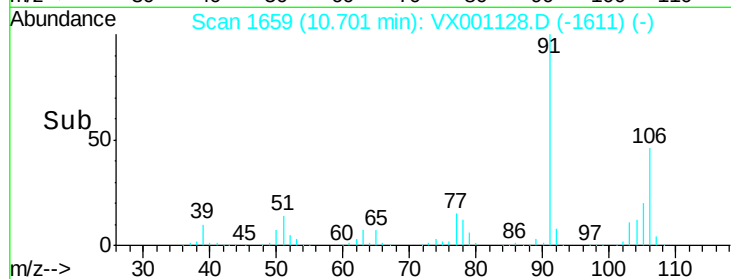
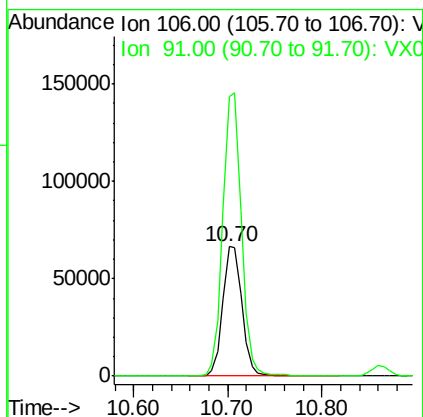
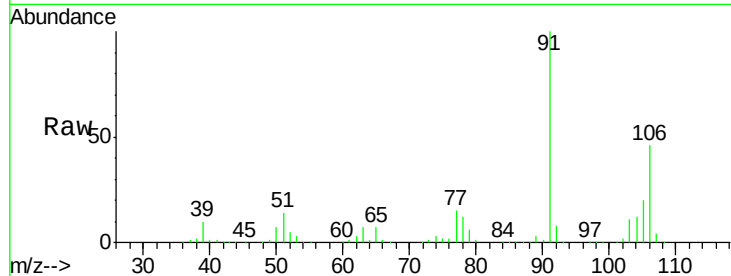
#69
o-Xylene
Concen: 19.69 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion:106 Resp: 94433
Ion Ratio Lower Upper
106 100
91 212.2 105.1 315.1

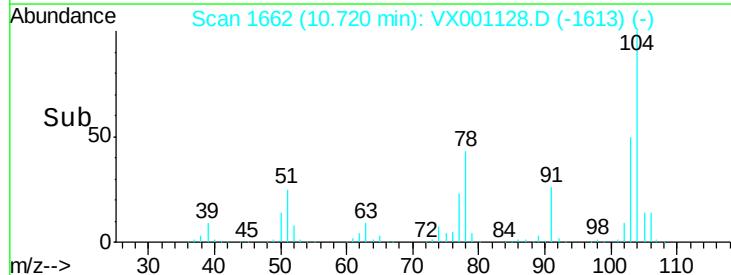
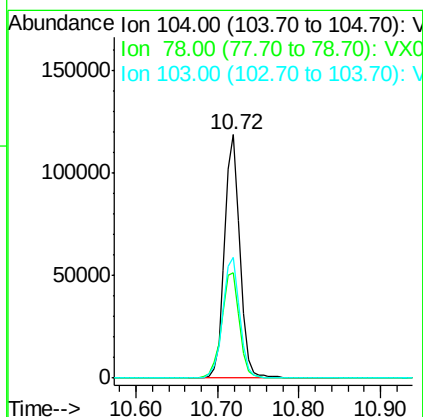
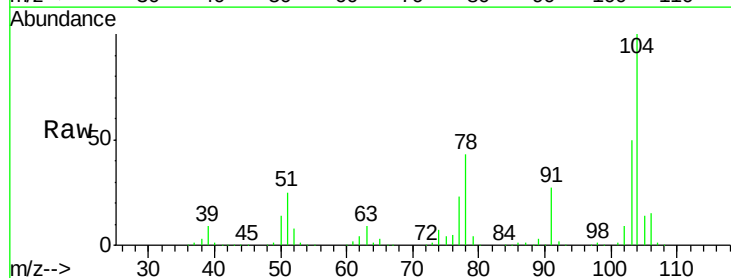
Manual Integrations
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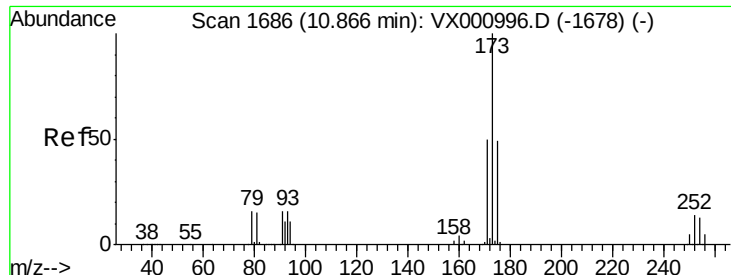
Sohil
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#70
Styrene
Concen: 19.62 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion:104 Resp: 155007
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 55.1 44.2 66.2





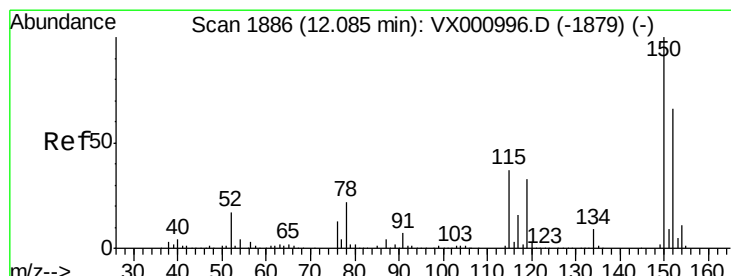
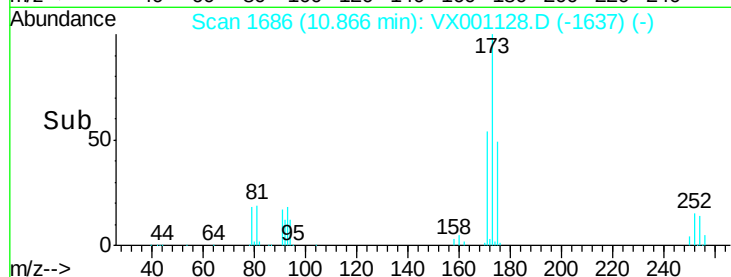
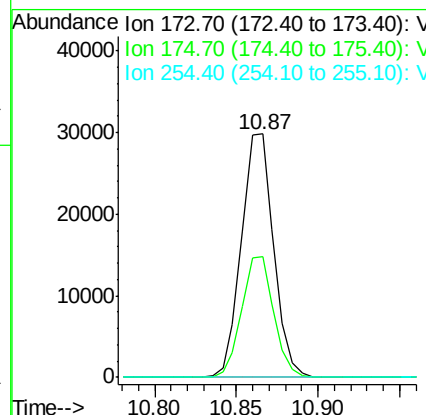
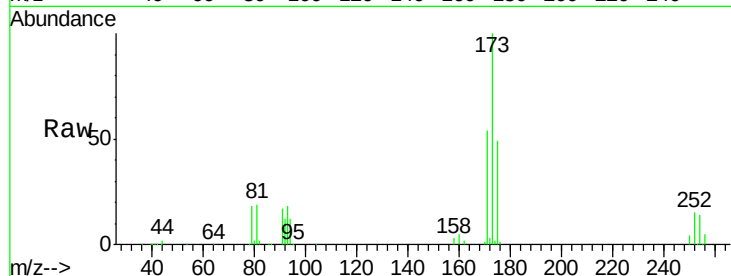
#71
Bromoform
Concen: 18.74 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.8	74.3
254	0.2	0.2	0.2

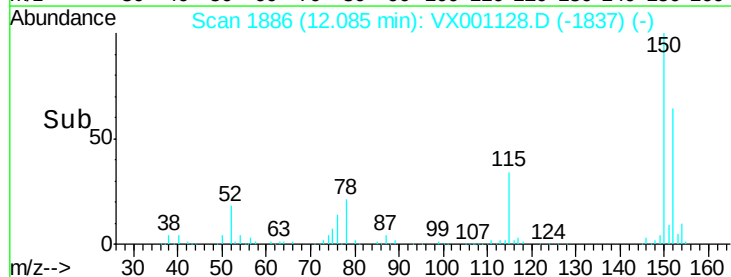
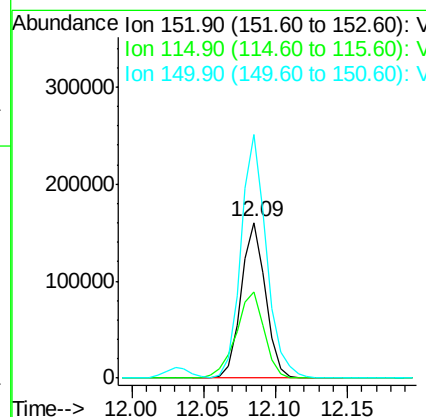
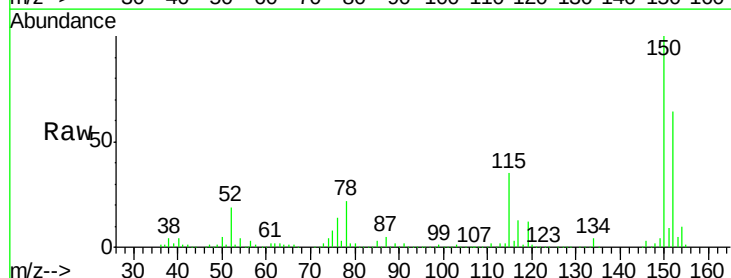
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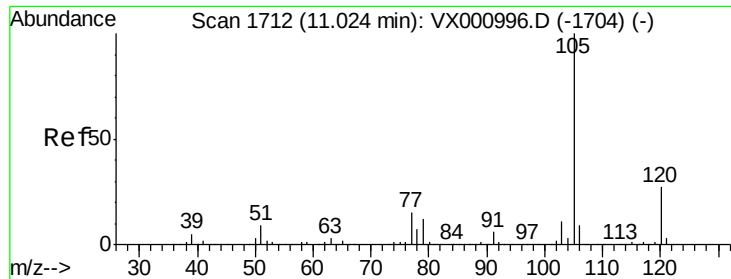
Sohil
4/27/2018 1:47:04 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	38.2	114.6
150	163.5	0.0	350.4





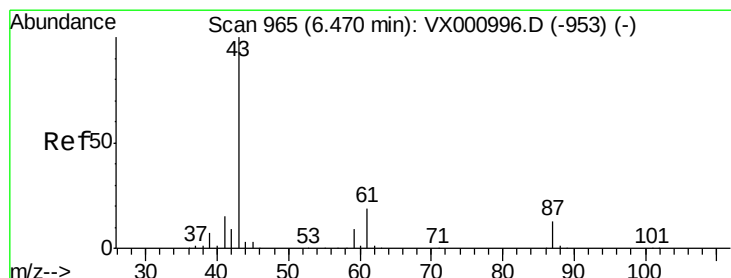
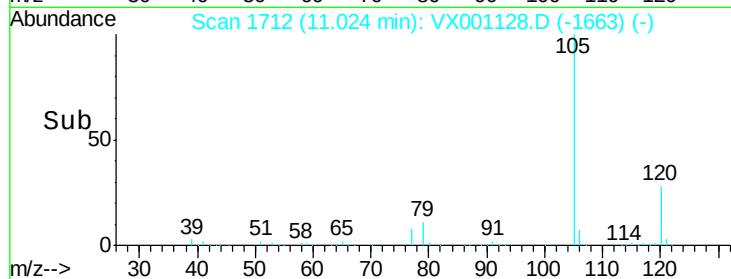
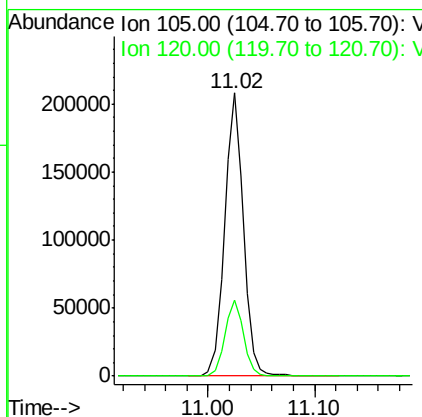
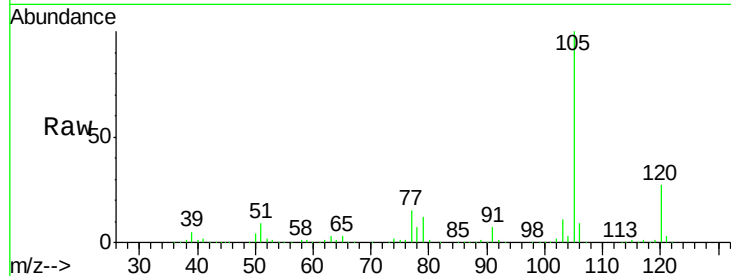
#73
Isopropylbenzene
Concen: 20.72 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.4	40.2

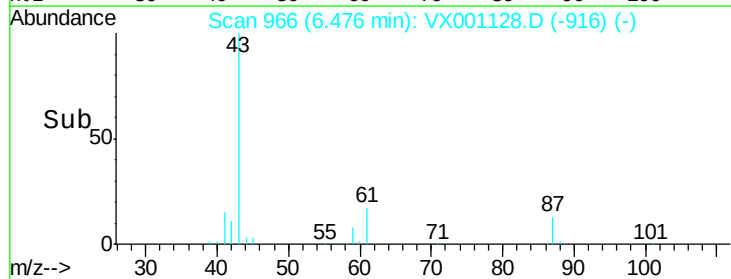
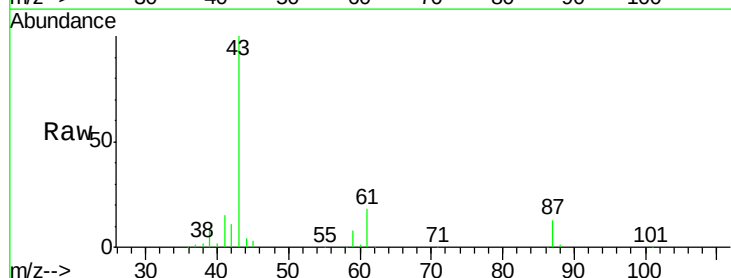
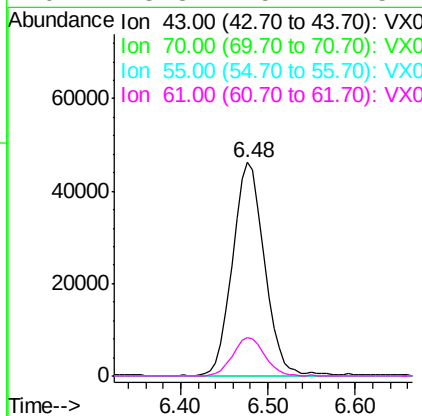
Manual Integrations
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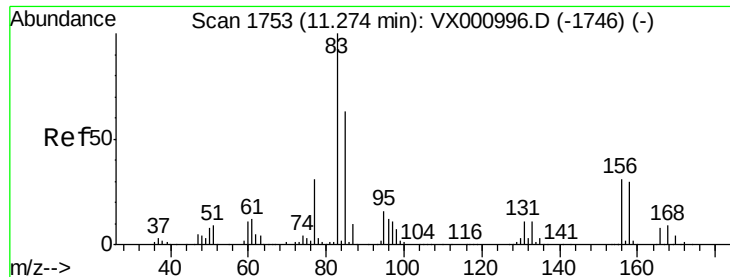
Sohil
4/27/2018 1:47:04 AM



#74
N-ethyl acetate
Concen: 22.13 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.01 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Lower	Upper
43	100		
70	0.0	0.0	0.0
55	0.1	0.1	0.1#
61	18.3	15.4	23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 22.90 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

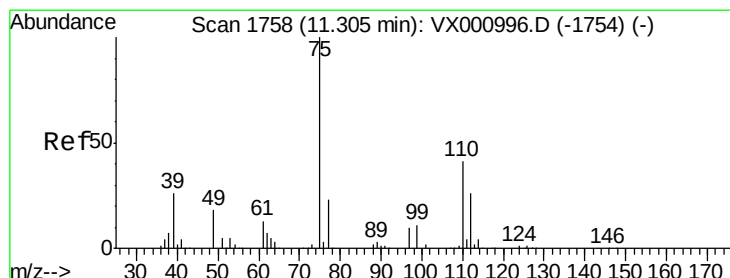
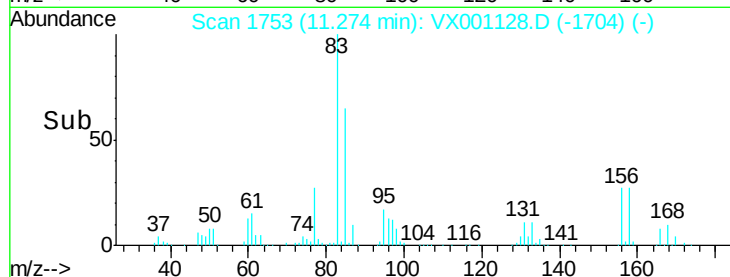
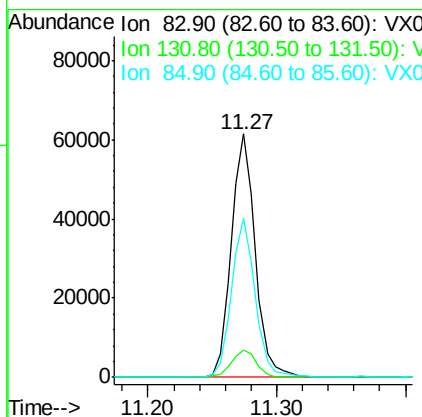
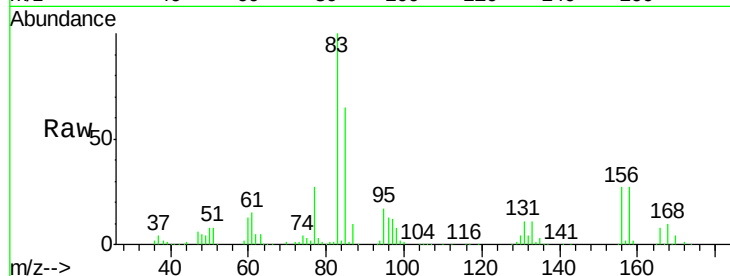
ClientSampleId :

VX0425WBSD01

Tot Ion:	83	Resp:	80160
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.4
85	64.5	32.0	96.2

Manual Integrations
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4/27/2018 1:47:04 AM



#76

1,2,3-Trichloropropane

Concen: 22.54 ug/l m

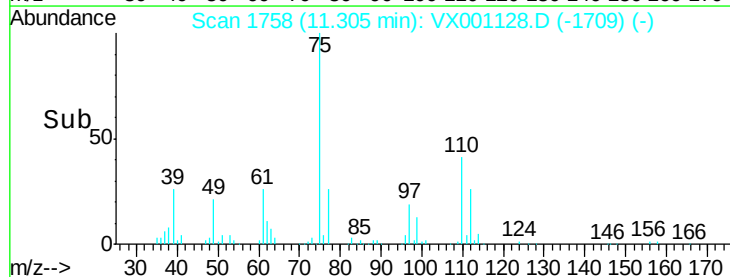
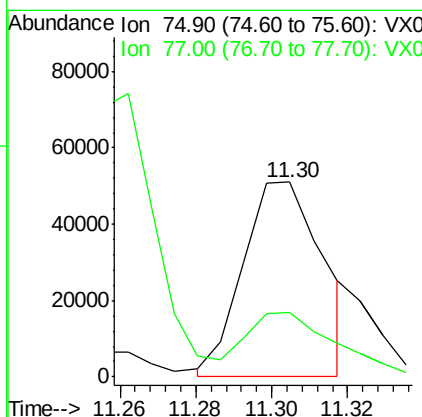
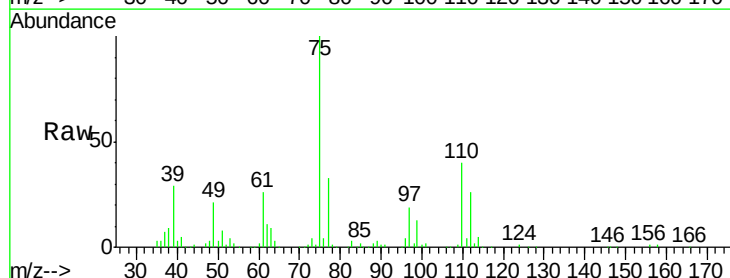
RT: 11.30 min Scan# 1758

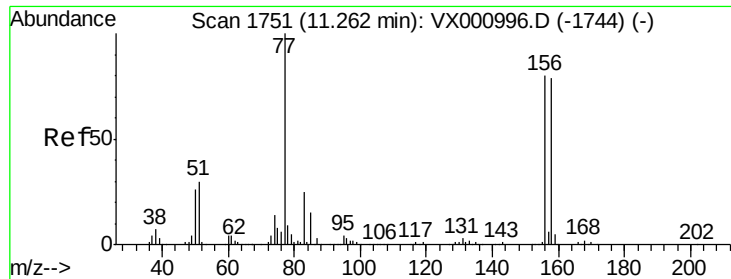
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	75	Resp:	73966
Ion Ratio	Lower	Upper	
75	100		
77	37.1	19.6	58.7





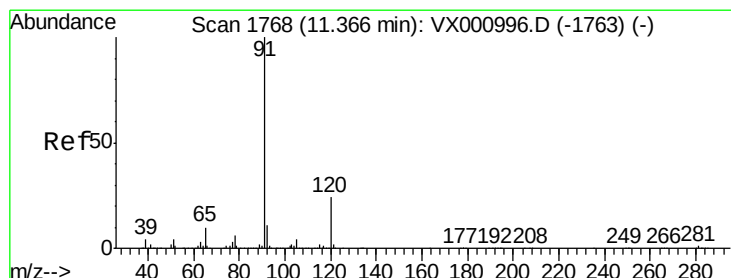
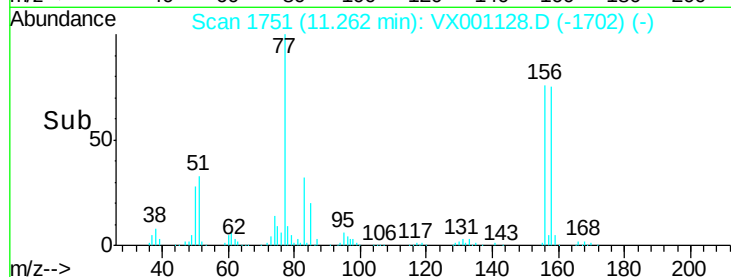
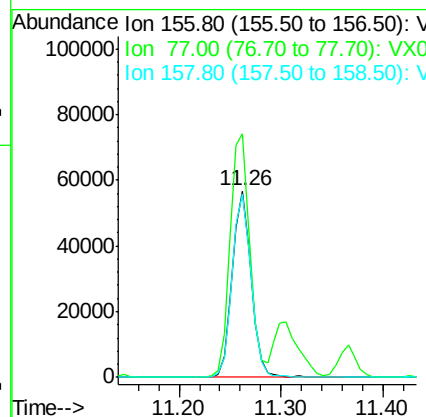
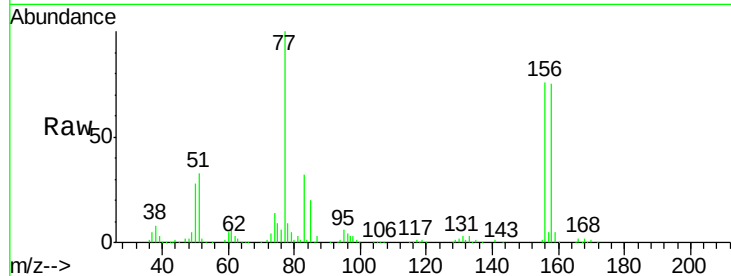
#77
Bromobenzene
Concen: 20.14 ug/l
RT: 11.26 min Scan# 1751
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	137.9	66.3	199.0
158	98.9	48.9	146.6

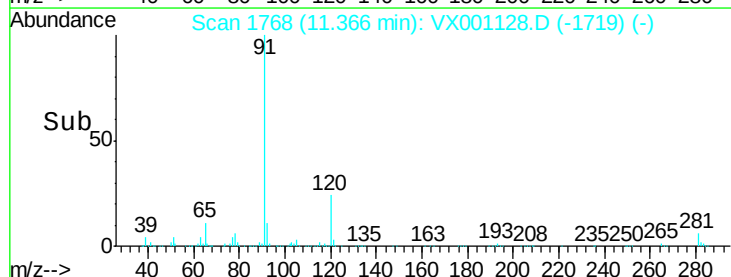
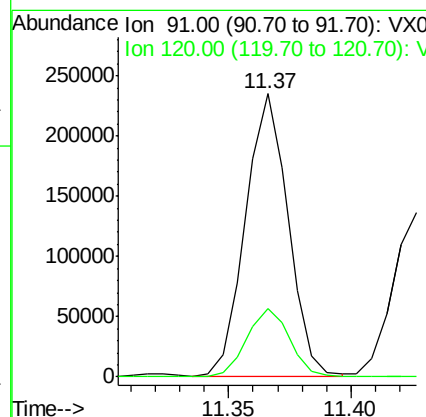
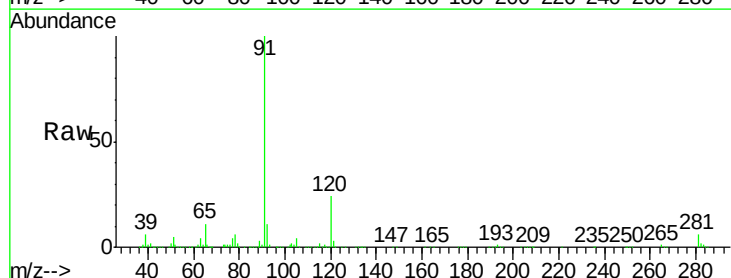
Manual Integrations
APPROVED

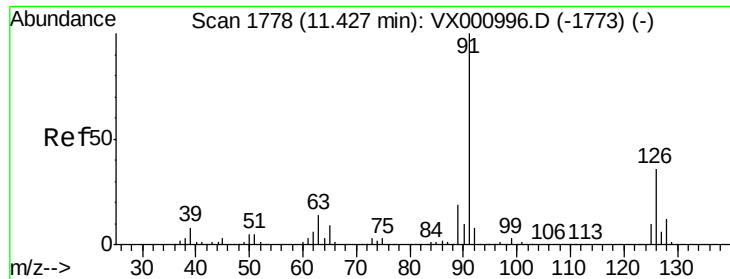
Sohil
4/27/2018 1:47:04 AM



#78
n-propylbenzene
Concen: 20.02 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.0





#79

2-Chlorotoluene

Concen: 20.69 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

ClientSampled :

VX0425WBSD01

Tot Ion: 91 Resp: 173546

Ion Ratio Lower Upper

91 100

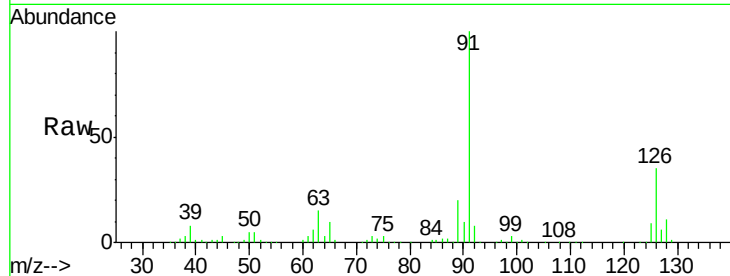
126 35.6 18.3 54.9

Manual Integrations

APPROVED

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Abundance Ion 91.00 (90.70 to 91.70): VX000996.D (-1773) (-)

Ion 125.90 (125.60 to 126.60): VX000996.D (-1773) (-)

250000

200000

150000

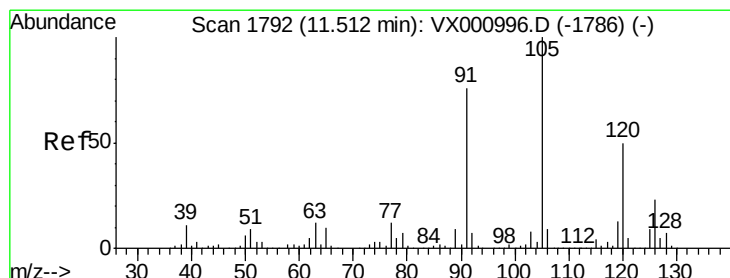
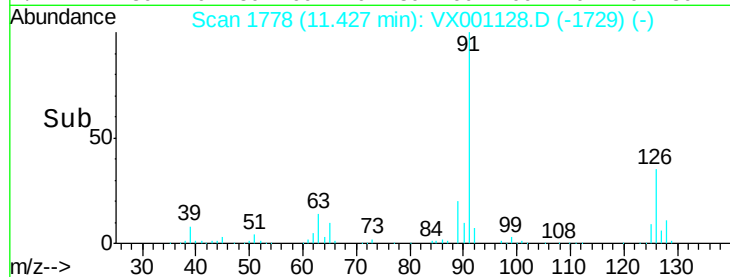
100000

50000

0

11.40 11.43 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.46 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001128.D

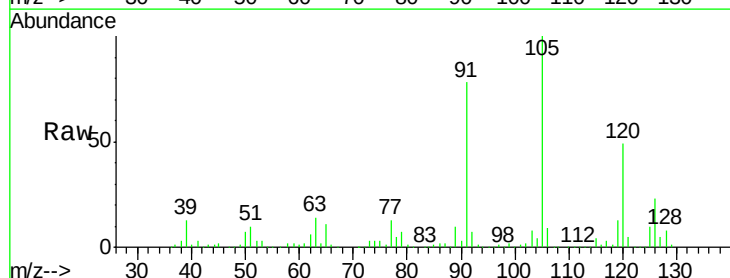
Acq: 25 Apr 2018 19:03

Tgt Ion:105 Resp: 214460

Ion Ratio Lower Upper

105 100

120 49.5 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX000996.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000996.D (-1786) (-)

200000

150000

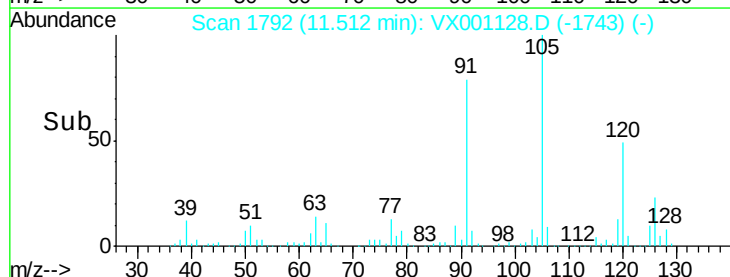
100000

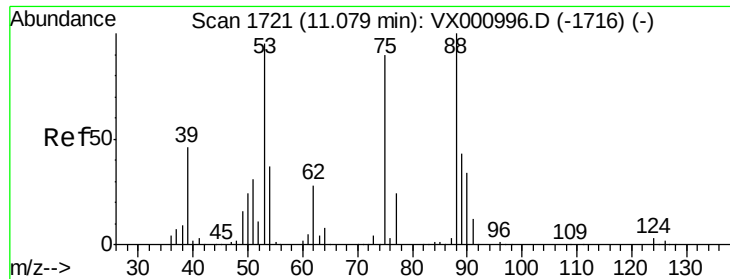
50000

0

11.50 11.51 11.52 11.53 11.54 11.55 11.56 11.57 11.58 11.59 11.60

Time-->





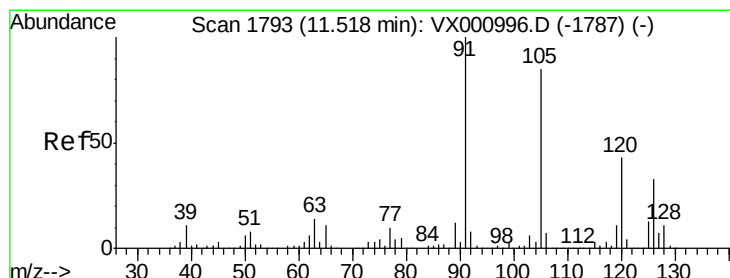
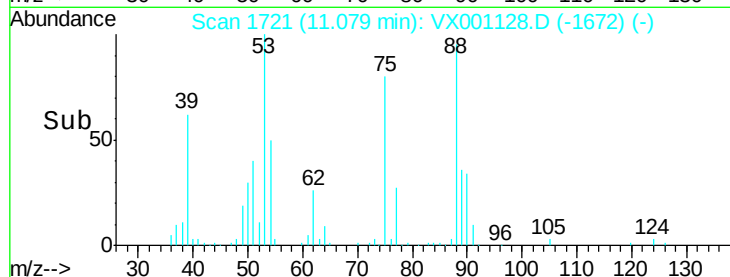
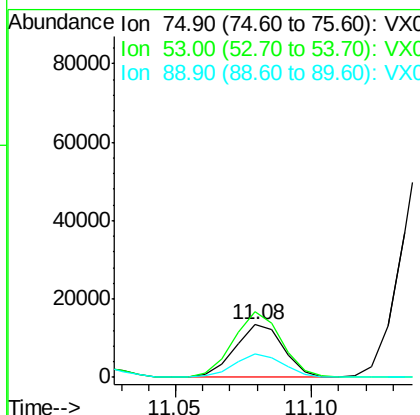
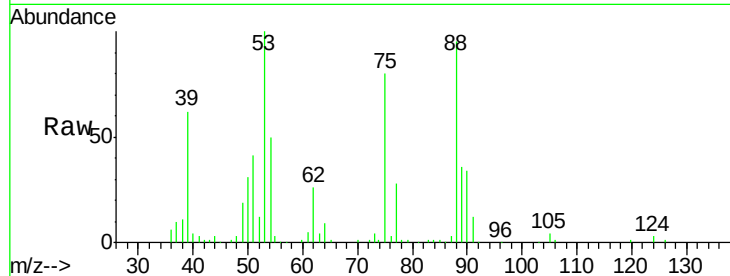
#81
trans-1,4-Dichloro-2-butene
Concen: 17.70 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion: 75 Resp: 16528
Ion Ratio Lower Upper
75 100
53 126.4 83.4 125.2#
89 46.5 39.7 59.5

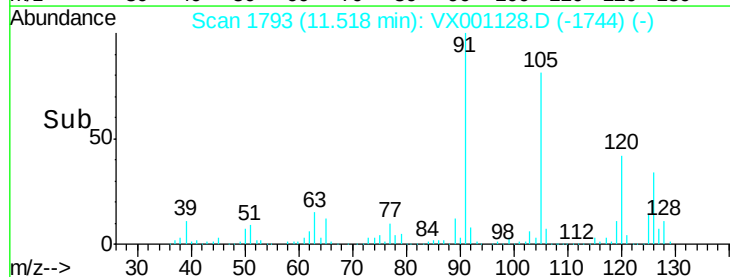
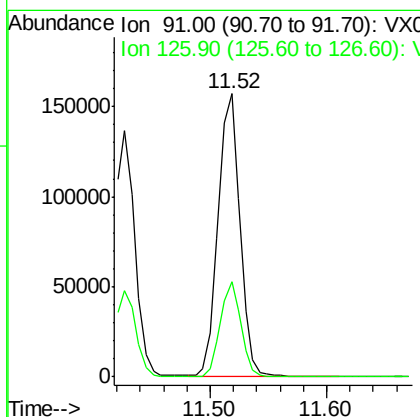
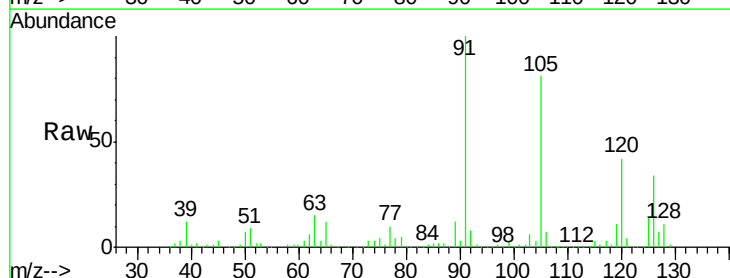
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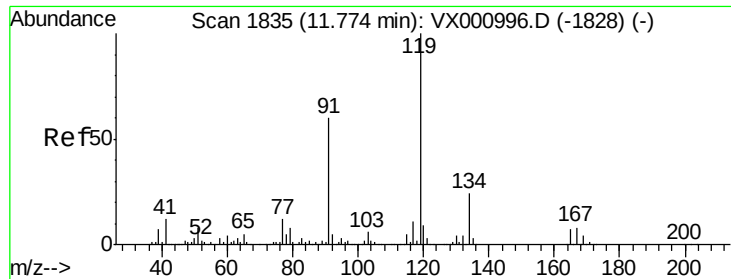
Sohil
4/27/2018 1:47:04 AM



#82
4-Chlorotoluene
Concen: 20.04 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion: 91 Resp: 203083
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.5





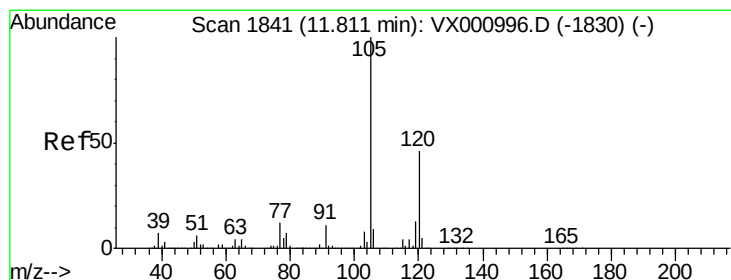
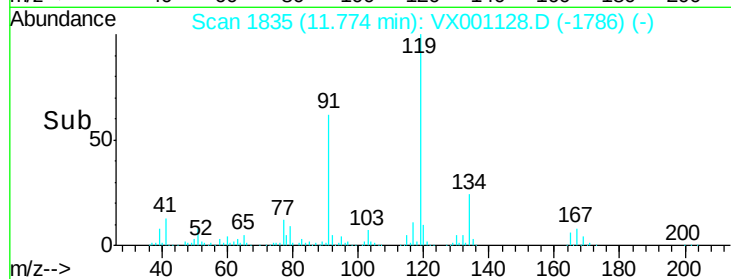
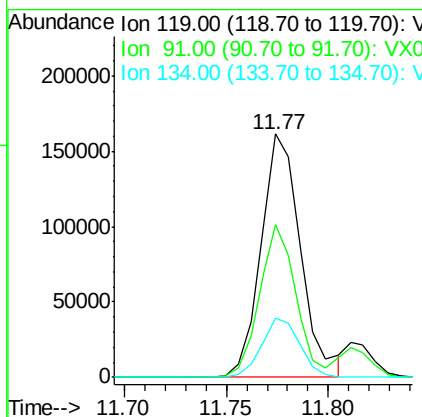
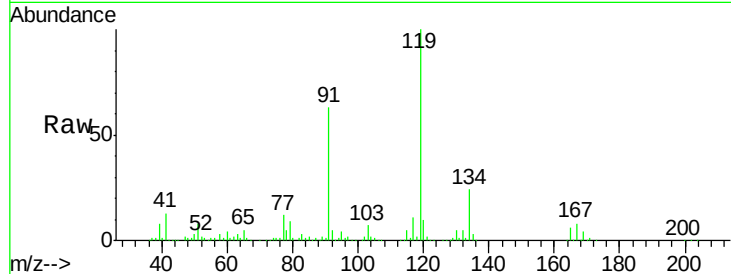
#83
 tert-Butylbenzene
 Concen: 20.66 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	27.0	81.0
134	23.6	11.6	34.7

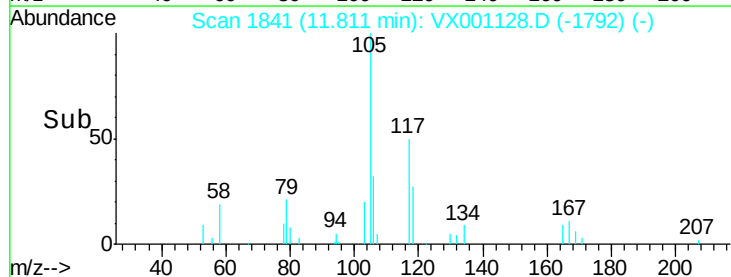
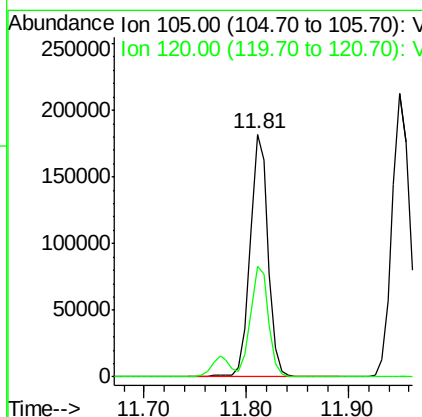
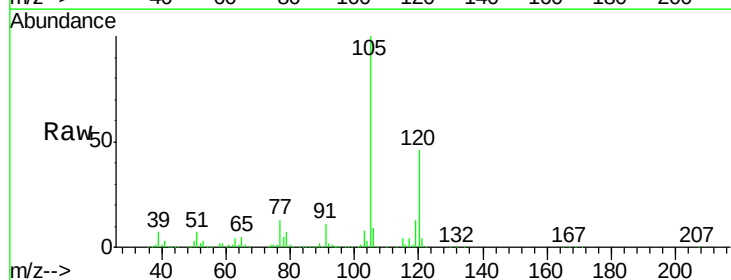
Manual Integrations
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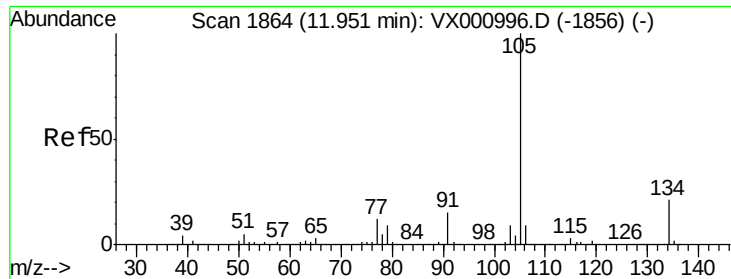
Sohil
 4/27/2018 1:47:04 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 20.68 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.0	69.0





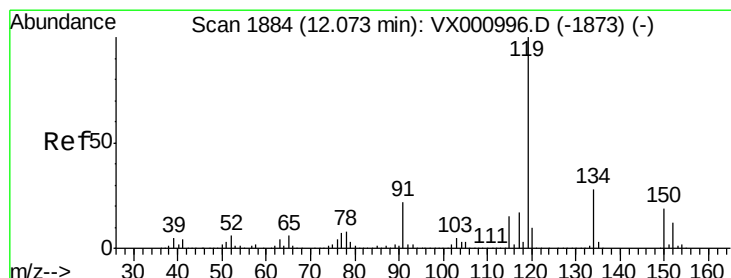
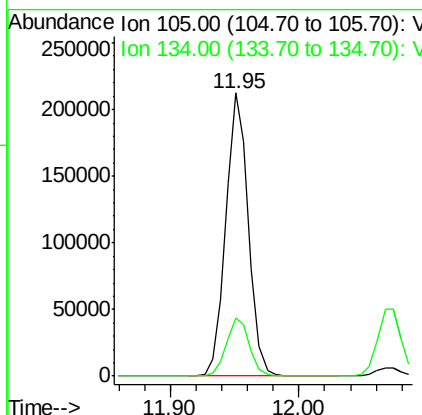
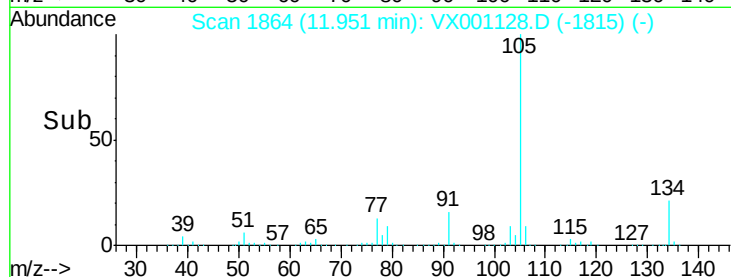
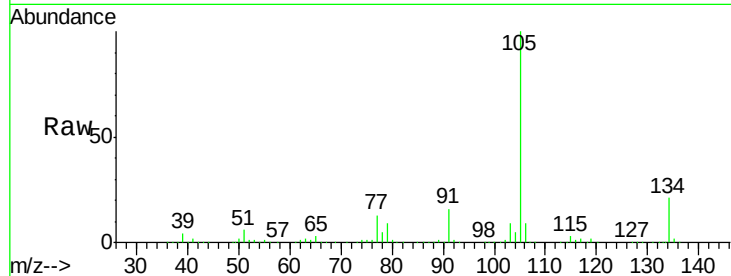
#85
 sec-Butylbenzene
 Concen: 20.68 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Tot Ion:105 Resp: 260984
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.5 31.6

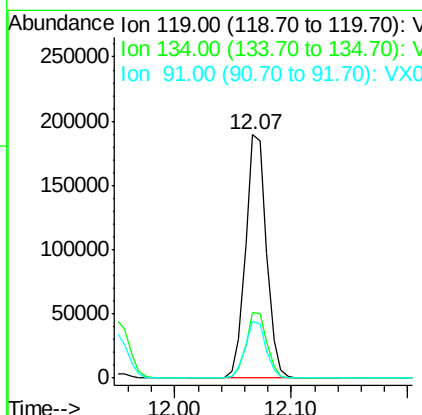
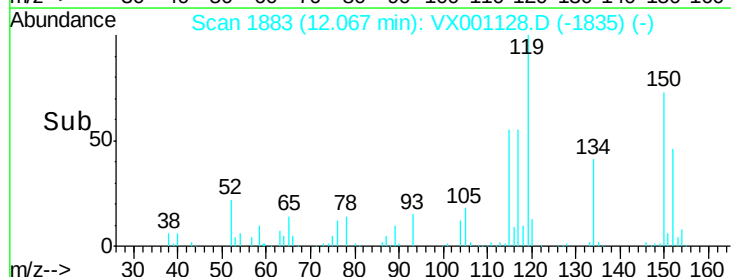
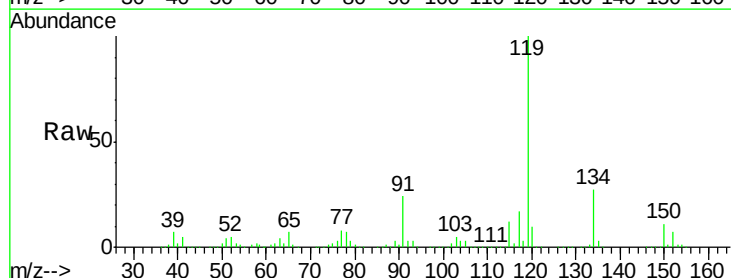
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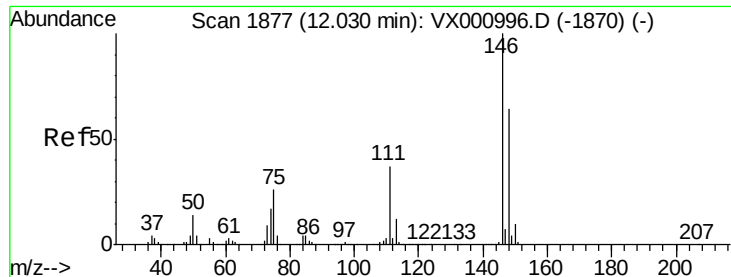
Sohil
 4/27/2018 1:47:04 AM



#86
 p-Isopropyltoluene
 Concen: 20.36 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion:119 Resp: 237715
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.5
 91 23.5 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 19.82 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

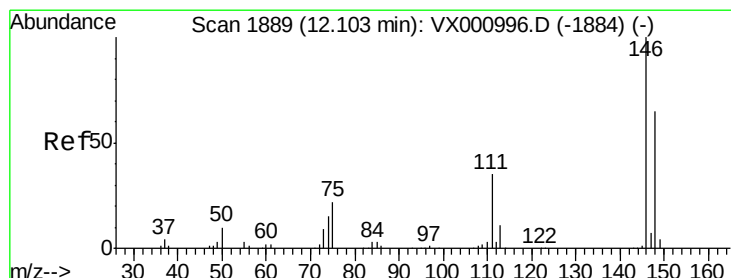
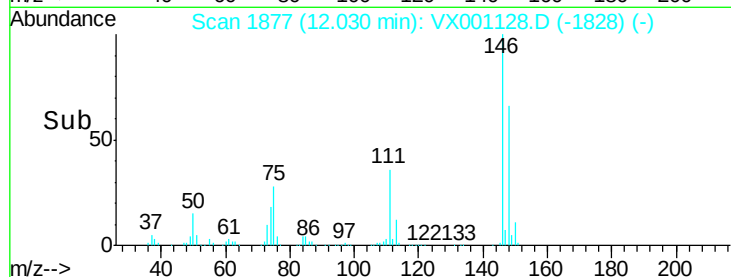
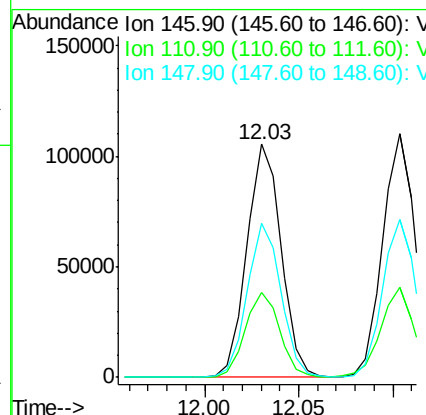
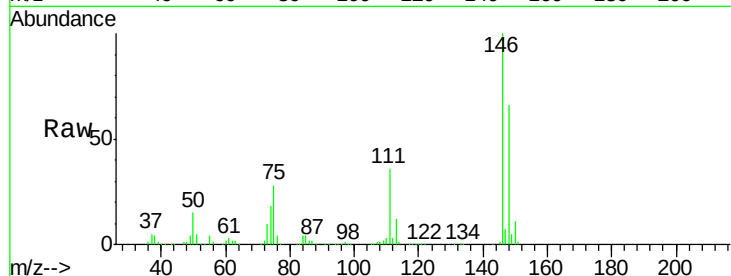
ClientSampleId :

VX0425WBSD01

Tot Ion:	146	Resp:	133186
Ion Ratio	Lower	Upper	
146	100		
111	36.2	18.3	54.8
148	65.1	32.2	96.6

Manual Integrations
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Sohil
4/27/2018 1:47:04 AM



#88

1,4-Dichlorobenzene

Concen: 19.58 ug/l

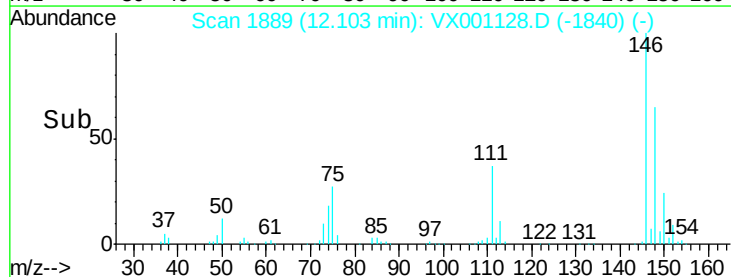
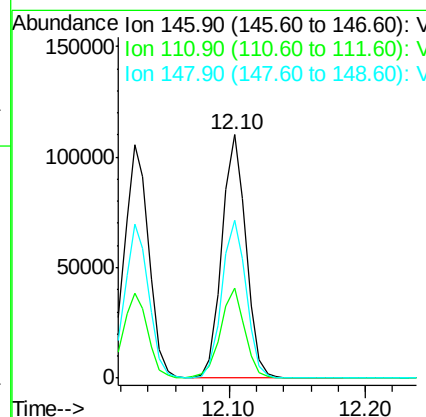
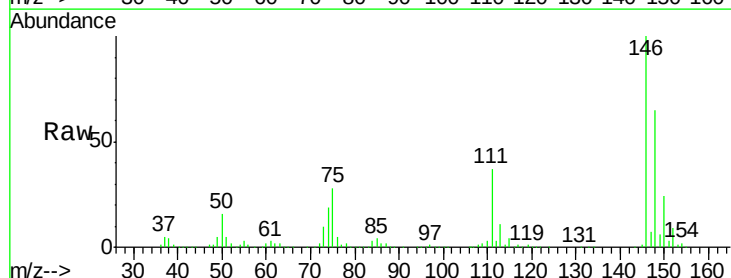
RT: 12.10 min Scan# 1889

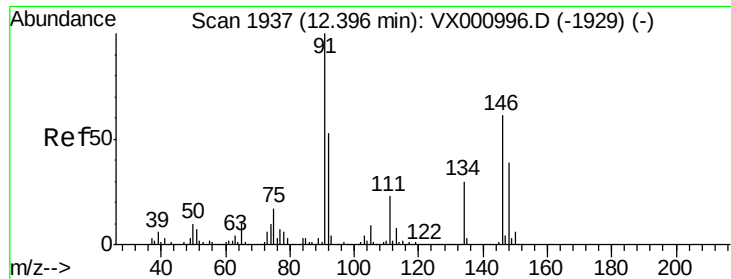
Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	146	Resp:	135012
Ion Ratio	Lower	Upper	
146	100		
111	37.7	18.0	54.0
148	65.8	32.4	97.0





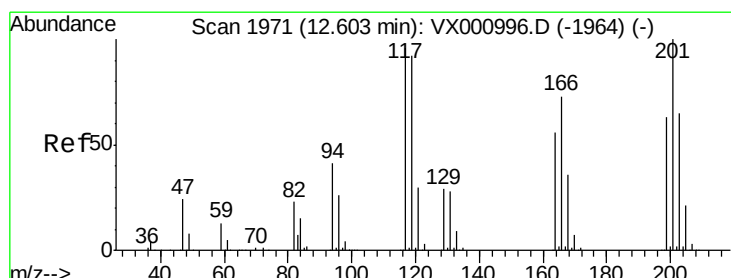
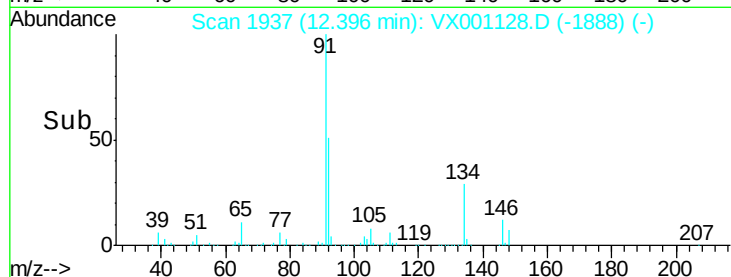
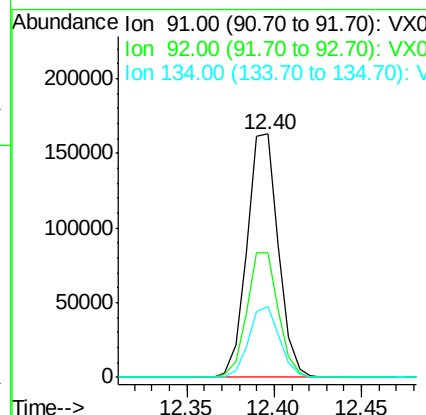
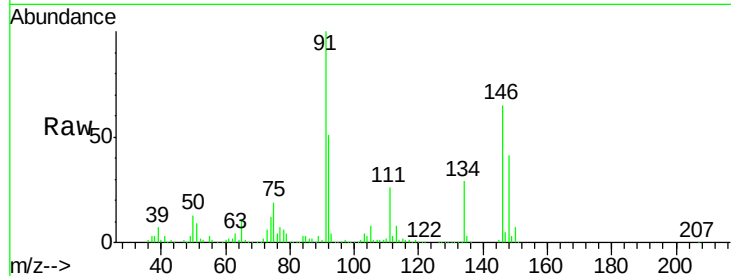
#89
n-Butylbenzene
Concen: 19.51 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Instrument :
MSVOA_X
ClientSampleId :
VX0425WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.4	26.3	78.9	
134	28.5	14.4	43.0	

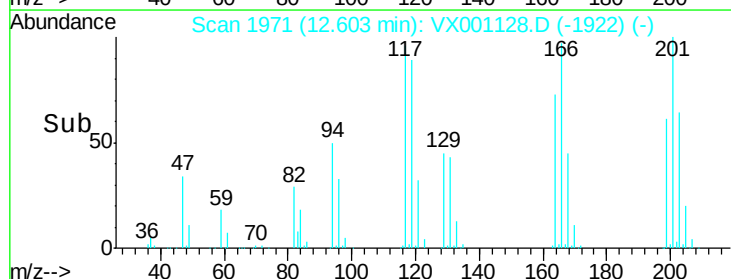
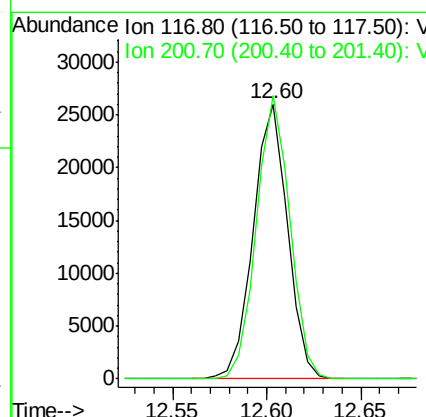
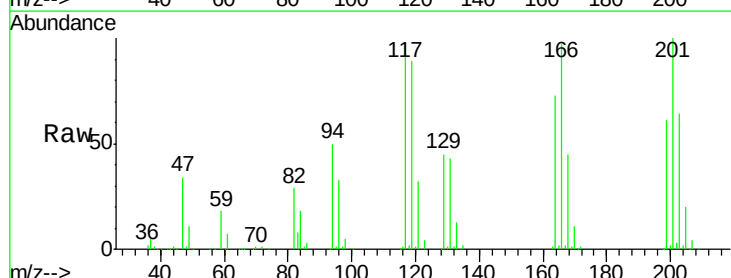
Manual Integrations
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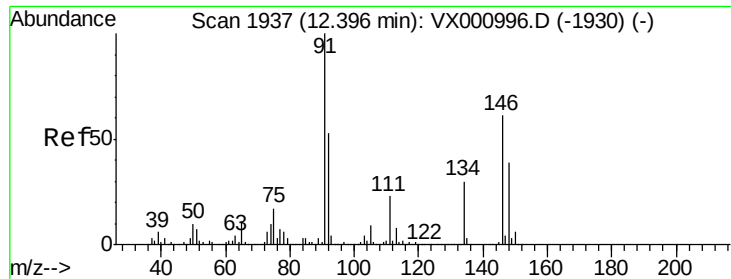
Sohil
4/27/2018 1:47:04 AM



#90
Hexachloroethane
Concen: 19.82 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001128.D
Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	100.5	52.3	157.1	





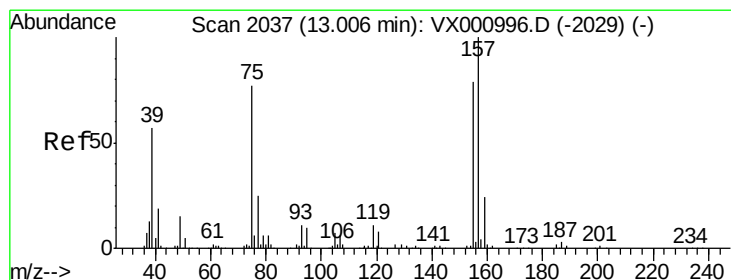
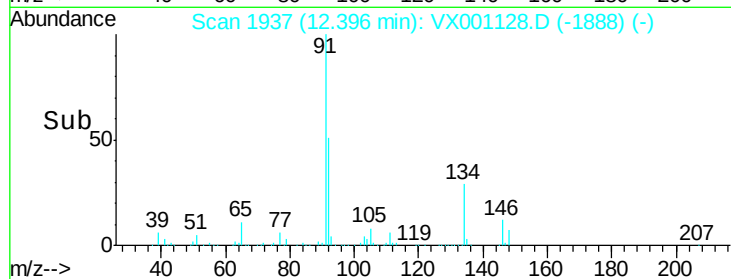
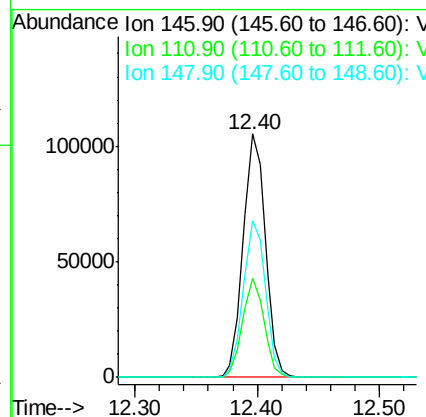
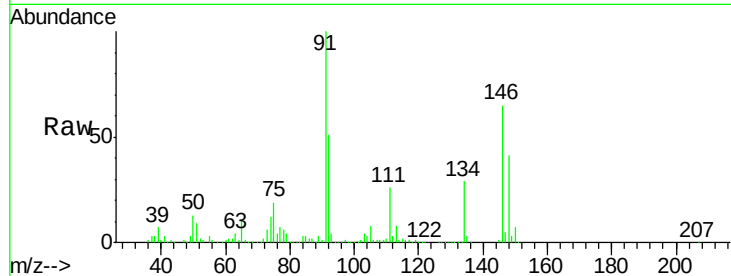
#91
 1,2-Dichlorobenzene
 Concen: 20.34 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	132291		
111	39.3	18.6	56.0	
148	64.2	32.3	96.8	

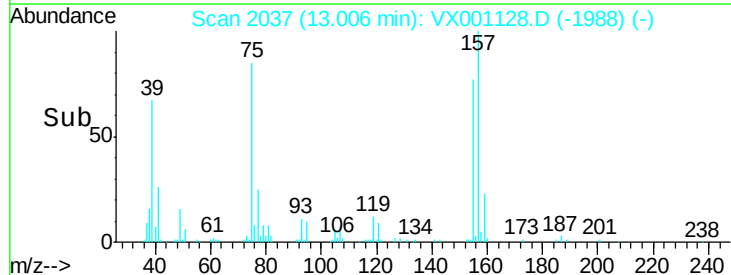
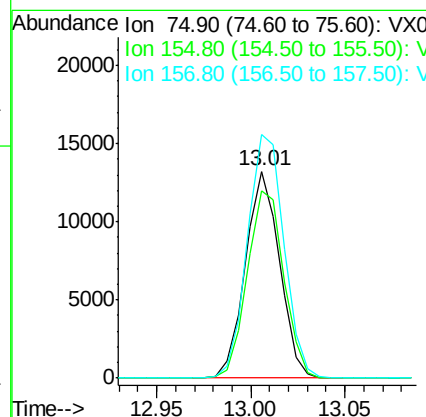
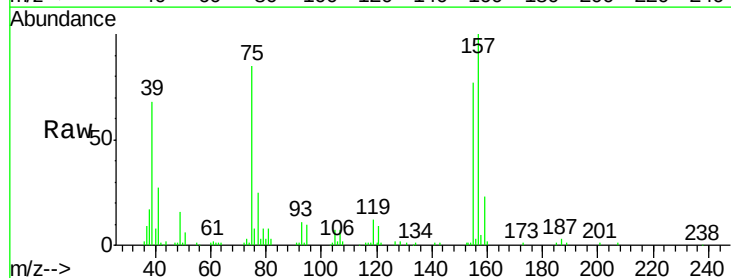
Manual Integrations
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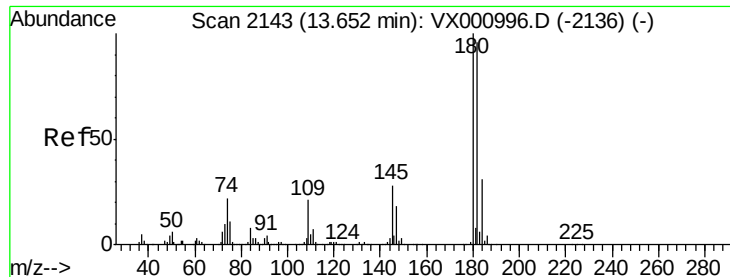
Sohil
 4/27/2018 1:47:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.64 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	16598		
155	96.4	51.0	153.0	
157	126.1	64.9	194.7	





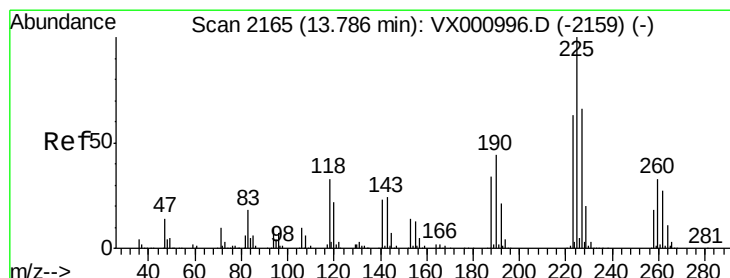
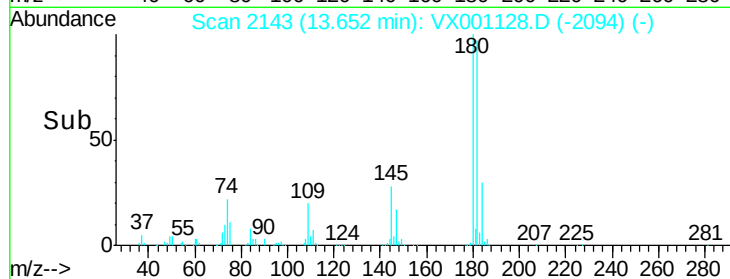
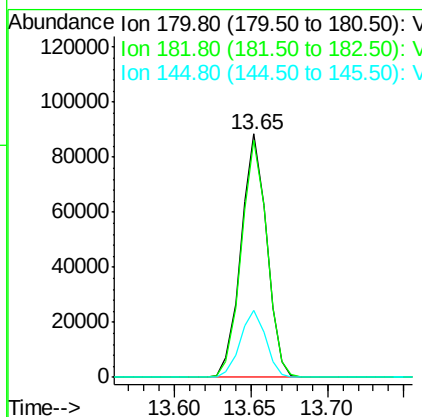
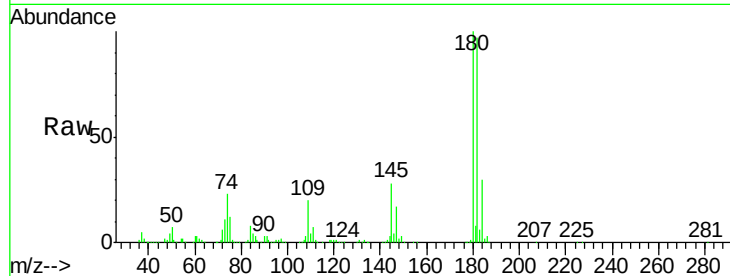
#93
 1,2,4-Trichlorobenzene
 Concen: 18.89 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.9	48.0	144.0	
145	27.6	13.9	41.7	

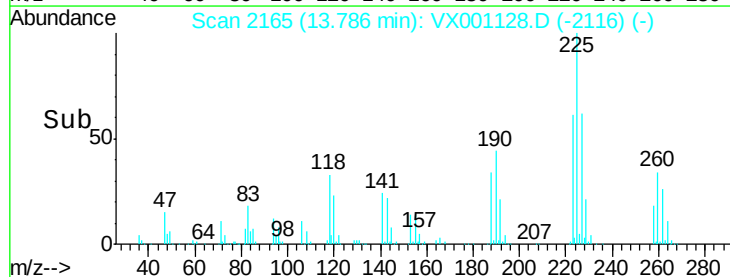
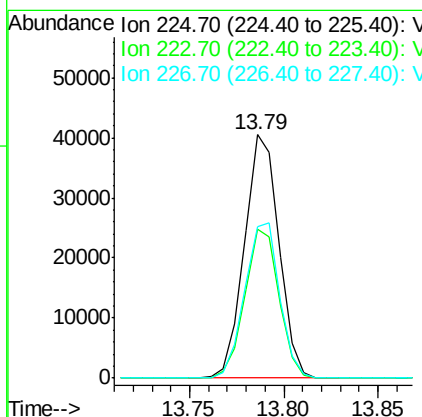
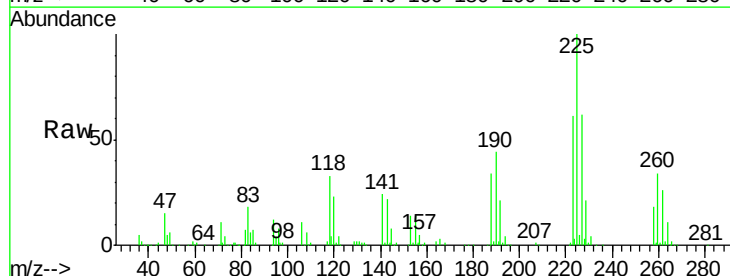
Manual Integrations
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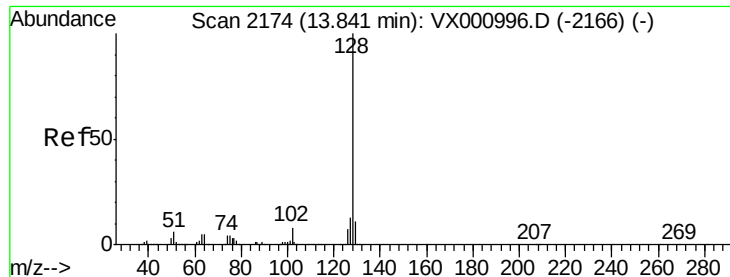
Sohil
 4/27/2018 1:47:04 AM



#94
 Hexachlorobutadiene
 Concen: 20.78 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001128.D
 Acq: 25 Apr 2018 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	60.8	31.5	94.5	
227	64.5	32.6	97.8	





#95

Naphthalene

Concen: 21.71 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Instrument :

MSVOA_X

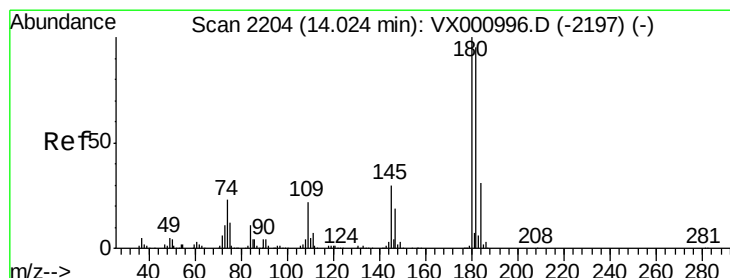
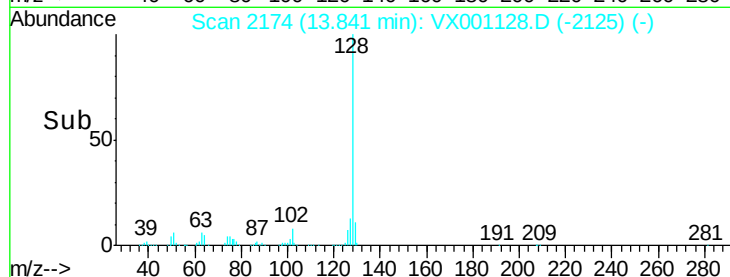
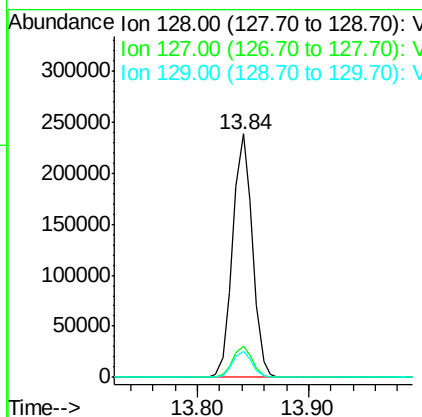
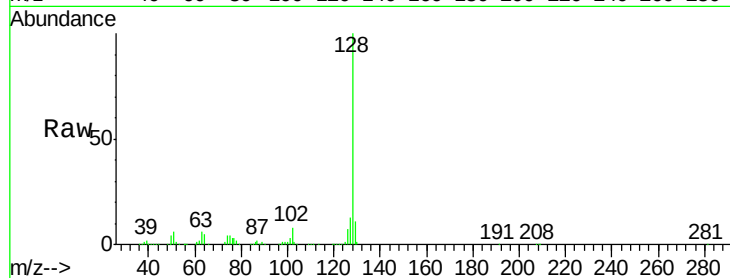
ClientSampleId :

VX0425WBSD01

Tot Ion:	128	Resp:	291467
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

Sohil
4/27/2018 1:47:04 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.16 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001128.D

Acq: 25 Apr 2018 19:03

Tgt Ion:	180	Resp:	106466
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.9	143.7
145	28.7	14.5	43.6

