

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
 Data File : VX001120.D
 Acq On : 25 Apr 2018 15:17
 Operator : JC/MD
 Sample : VX0425MBS01
 Misc : 5.00µl/10mL/100µL/5mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Manual Integrations
 APPROVED

Sohil
 4/27/2018 1:46:49 AM

Quant Time: Apr 25 16:12:51 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	231923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314579	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	201435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	142094	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.51	113	113409	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
50) Toluene-d8	8.72	98	397532	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
62) 4-Bromofluorobenzene	11.14	95	166161	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58095	20.20	ug/l	95
3) Chloromethane	1.32	50	50391	18.81	ug/l	99
4) Vinyl Chloride	1.40	62	53066	19.12	ug/l	98
5) Bromomethane	1.65	94	37193	21.02	ug/l	97
6) Chloroethane	1.73	64	31248	18.94	ug/l	97
7) Trichlorofluoromethane	1.93	101	86817	20.82	ug/l	100
8) Diethyl Ether	2.19	74	31796	20.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49742	20.36	ug/l	99
10) Methyl Iodide	2.51	142	34483	19.73	ug/l	99
11) Tert butyl alcohol	3.07	59	53472	120.60	ug/l	99
12) 1,1-Dichloroethene	2.38	96	43928	19.44	ug/l	95
13) Acrolein	2.29	56	20799	154.92	ug/l	99
14) Allyl chloride	2.73	41	80932	19.79	ug/l	96
15) Acrylonitrile	3.15	53	131589	109.66	ug/l	99
16) Acetone	2.45	43	119924	108.33	ug/l	98
17) Carbon Disulfide	2.57	76	101428	15.75	ug/l	99
18) Methyl Acetate	2.78	43	86611	25.86	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	164791	21.69	ug/l	99
20) Methylene Chloride	2.86	84	51034	20.98	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	47100	18.72	ug/l	97
22) Diisopropyl ether	3.87	45	164557	20.79	ug/l	94
23) Vinyl Acetate	3.83	43	662158	101.03	ug/l	99
24) 1,1-Dichloroethane	3.70	63	86980	19.59	ug/l	99
25) 2-Butanone	4.71	43	188298	108.96	ug/l	100
26) 1,2-Dichloropropane	4.59	77	67699	17.72	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	55062	19.65	ug/l	98
28) Bromochloromethane	5.03	49	33562	19.65	ug/l	96
29) Tetrahydrofuran	5.17	42	118516	108.53	ug/l	100
30) Chloroform	5.22	83	93550	20.34	ug/l	98
31) Cyclohexane	5.58	56	77715	18.75	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	80634	19.56	ug/l	98
36) 1,1-Dichloropropene	5.81	75	67880	18.36	ug/l	99
37) Ethyl Acetate	4.87	43	71739	21.16	ug/l	100
38) Carbon Tetrachloride	5.79	117	68848	18.39	ug/l	99

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 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)
39) Methylcyclohexane	7.46	83	80213	18.64	ug/l	97
40) Benzene	6.15	78	200434	19.50	ug/l	100
41) Methacrylonitrile	5.07	41	42677	20.15	ug/l	98
42) 1,2-Dichloroethane	6.20	62	81546	20.67	ug/l	100
43) Isopropyl Acetate	6.48	43	119525	20.55	ug/l	99
44) Trichloroethene	7.22	130	59281	18.88	ug/l	100
45) 1,2-Dichloropropane	7.52	63	53036	20.52	ug/l	96
46) Dibromomethane	7.67	93	35994	19.93	ug/l	99
47) Bromodichloromethane	7.90	83	65233	19.50	ug/l	96
48) Methyl methacrylate	7.78	41	64454	20.58	ug/l	97
49) 1,4-Dioxane	7.76	88	21001	455.90	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	392571	111.14	ug/l	98
52) Toluene	8.79	92	130845	19.51	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	77157	19.29	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	71126	18.86	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	55544	20.83	ug/l	99
56) Ethyl methacrylate	9.19	69	81005	20.69	ug/l	98
57) 1,3-Dichloropropane	9.38	76	90238	20.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	197352	103.26	ug/l	100
59) 2-Hexanone	9.51	43	291087	107.66	ug/l	98
60) Dibromochloromethane	9.59	129	54123	19.33	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57377	20.39	ug/l	100
64) Tetrachloroethene	9.34	164	63338	20.07	ug/l	99
65) Chlorobenzene	10.15	112	153757	19.43	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	54596	20.10	ug/l	99
67) Ethyl Benzene	10.26	91	255906	19.47	ug/l	99
68) m/p-Xylenes	10.37	106	200569	38.73	ug/l	97
69) o-Xylene	10.71	106	97848	19.60	ug/l	97
70) Styrene	10.72	104	162369	19.74	ug/l	100
71) Bromoform	10.86	173	41360	18.19	ug/l #	99
73) Isopropylbenzene	11.02	105	267008	20.28	ug/l	99
74) N-amyl acetate	6.48	43	119525	21.22	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	81477	21.86	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	77252m	22.10	ug/l	
77) Bromobenzene	11.26	156	76024	19.89	ug/l	99
78) n-propylbenzene	11.37	91	302740	20.03	ug/l	100
79) 2-Chlorotoluene	11.43	91	181839	20.35	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	227580	20.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16753	17.00	ug/l #	84
82) 4-Chlorotoluene	11.52	91	216383	20.05	ug/l	98
83) tert-Butylbenzene	11.77	119	225771	20.05	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	235146	20.47	ug/l	99
85) sec-Butylbenzene	11.95	105	277845	20.67	ug/l	100
86) p-Isopropyltoluene	12.07	119	252922	20.34	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	139705	19.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	142344	19.38	ug/l	99
89) n-Butylbenzene	12.40	91	220268	19.91	ug/l	99
90) Hexachloroethane	12.60	117	34289	19.46	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	140223	20.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16505	21.13	ug/l	98

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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)
93) 1,2,4-Trichlorobenzene	13.65	180	111019	19.09	µg/l	99
94) Hexachlorobutadiene	13.79	225	56715	21.55	µg/l	98
95) Naphthalene	13.84	128	302718	21.16	µg/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	111345	19.80	µg/l	99

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

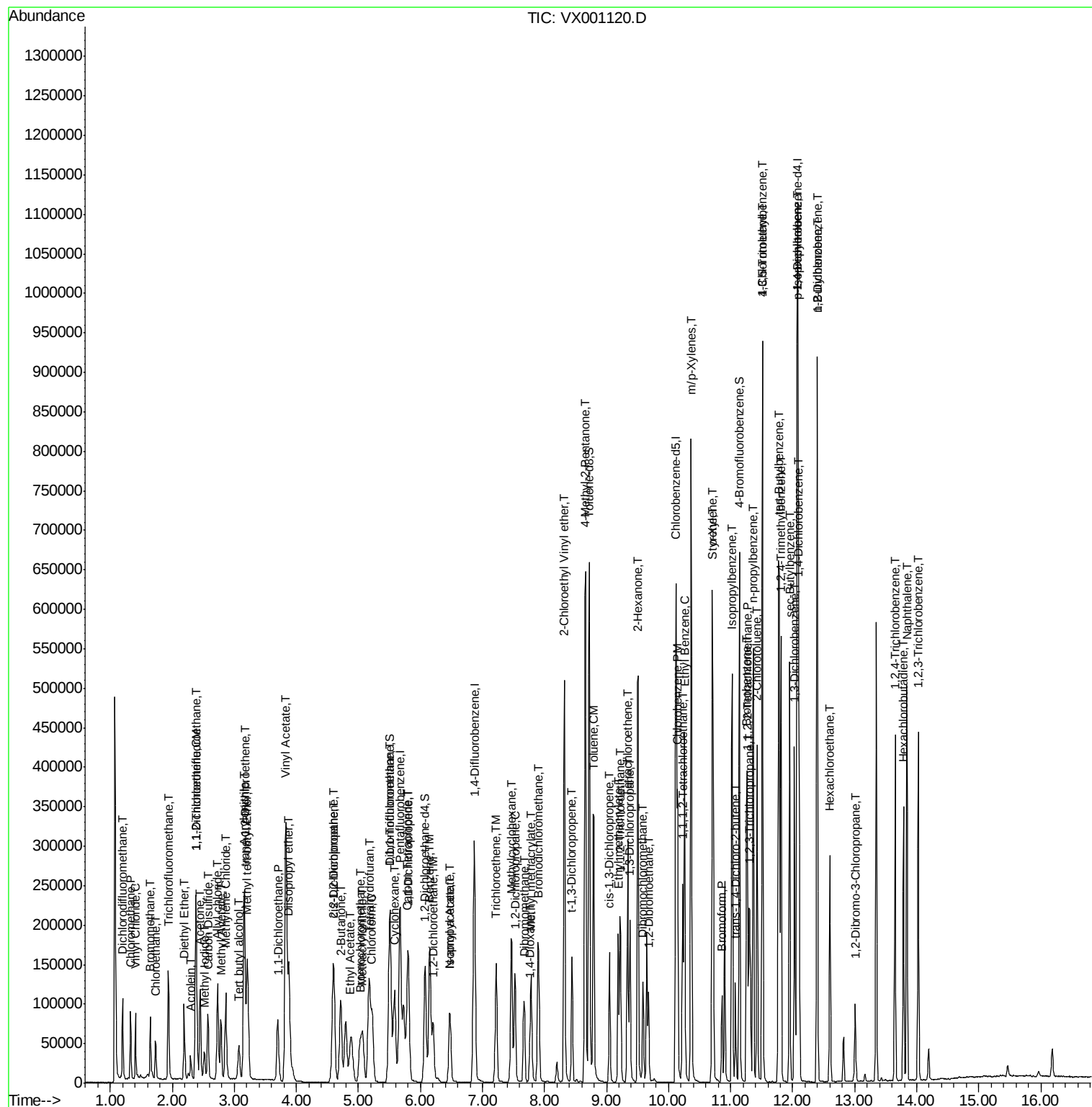
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042518\
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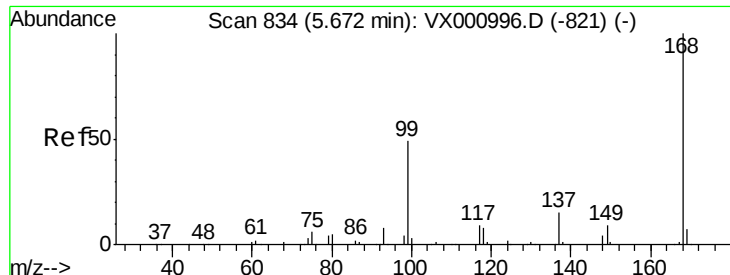
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion:168 Resp: 231923

Ion Ratio Lower Upper

168 100

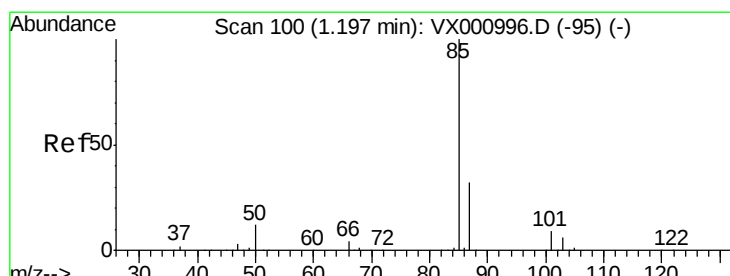
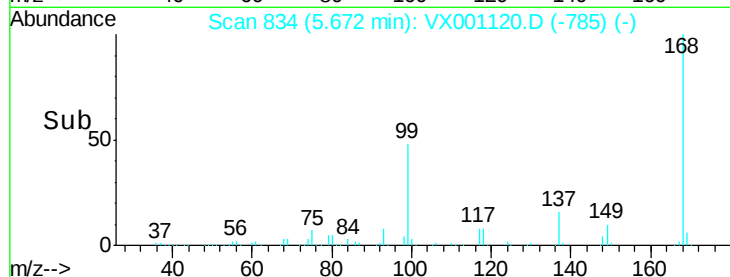
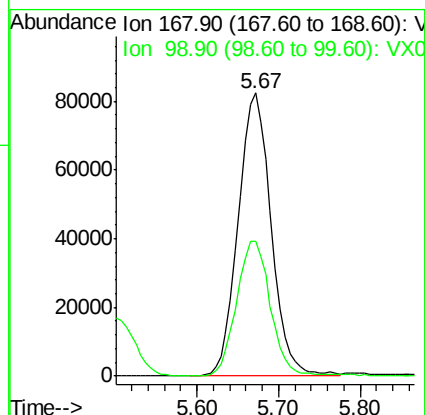
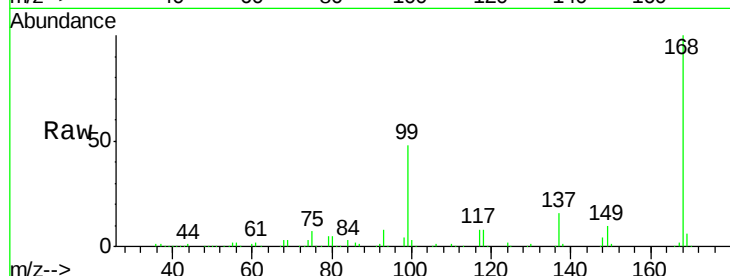
99 47.8 39.2 58.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.20 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001120.D

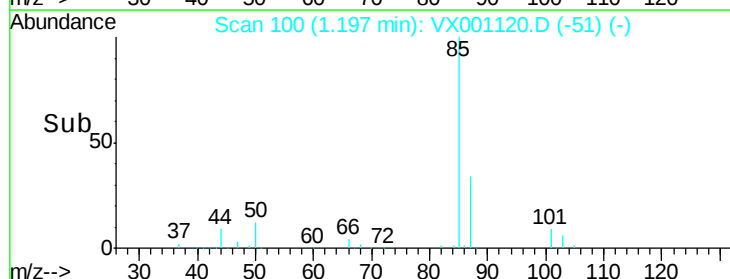
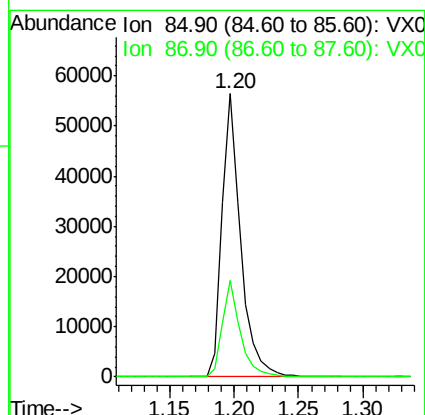
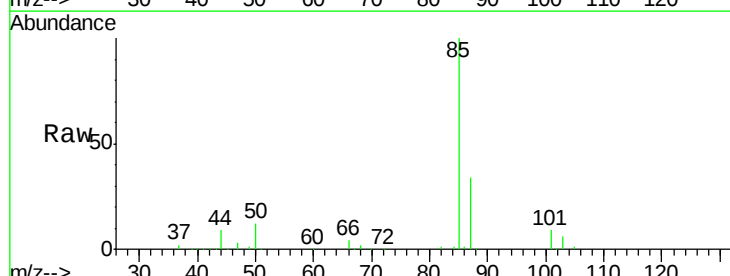
Acq: 25 Apr 2018 15:17

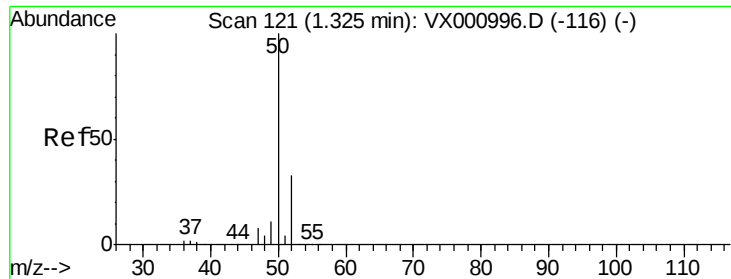
Tgt Ion: 85 Resp: 58095

Ion Ratio Lower Upper

85 100

87 34.1 15.8 47.4





#3

Chloromethane

Concen: 18.81 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 50 Resp: 50391

Ion Ratio Lower Upper

50 100

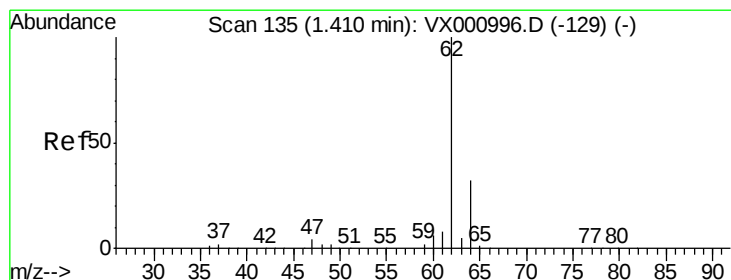
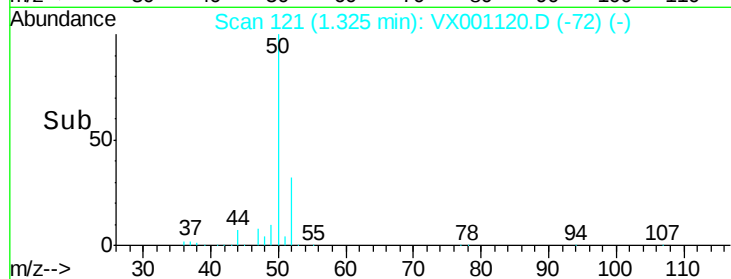
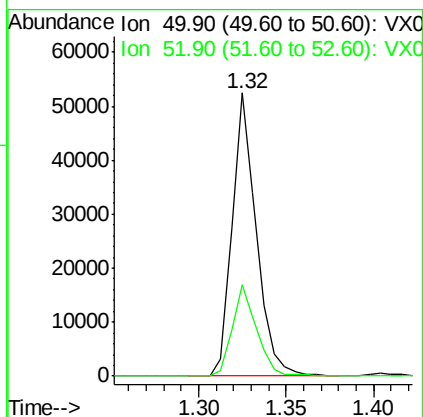
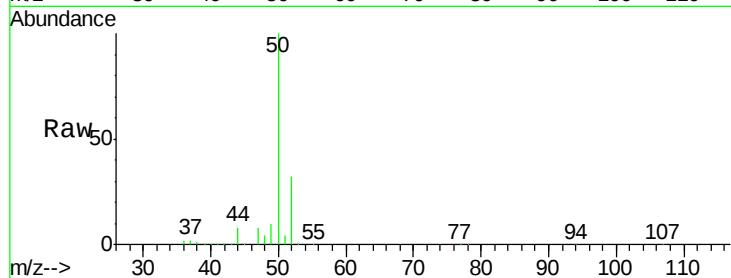
52 32.3 26.3 39.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.12 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001120.D

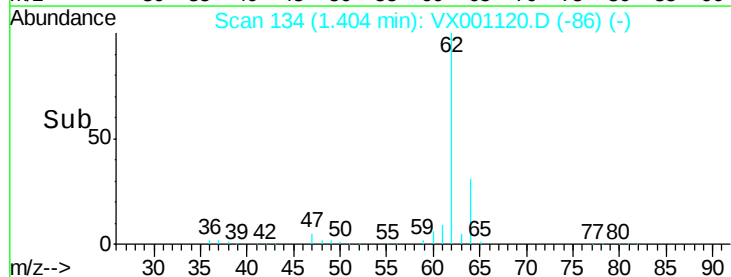
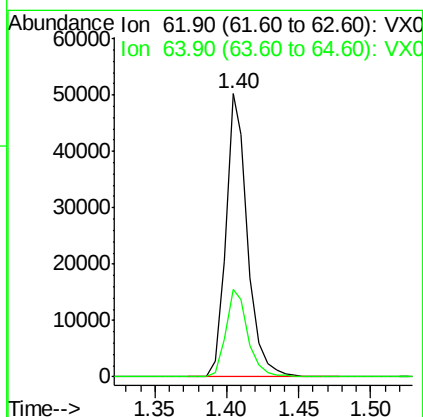
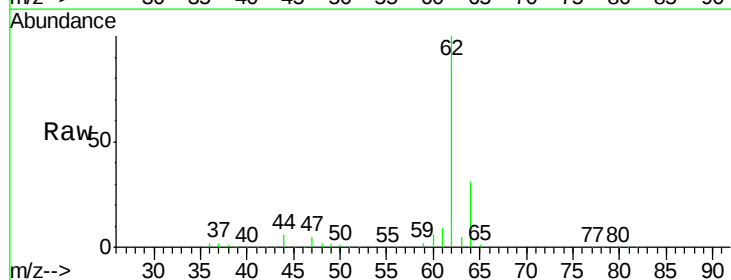
Acq: 25 Apr 2018 15:17

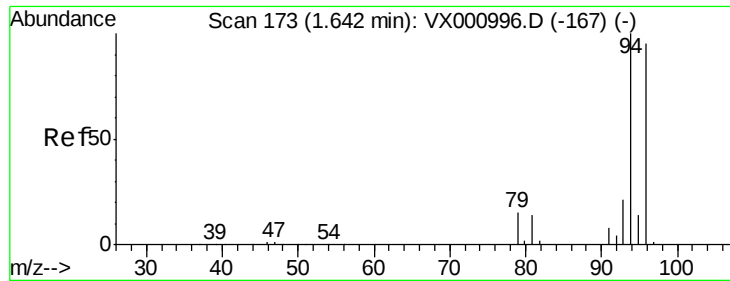
Tgt Ion: 62 Resp: 53066

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4





#5

Bromomethane

Concen: 21.02 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 94 Resp: 37193

Ion Ratio Lower Upper

94 100

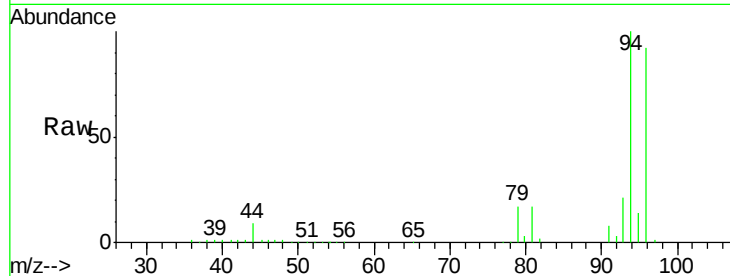
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Manual Integrations

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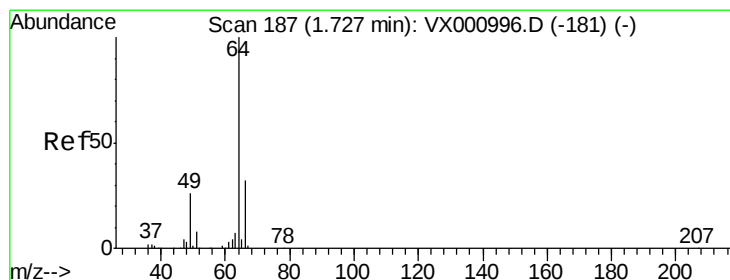
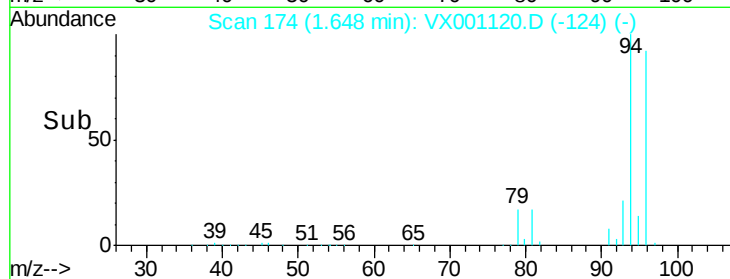
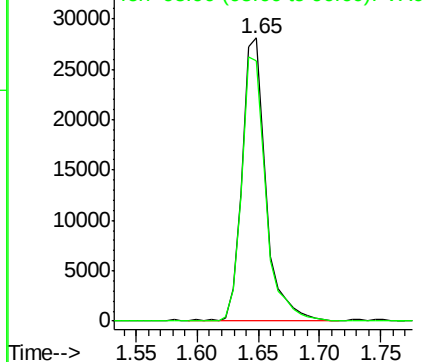
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.94 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001120.D

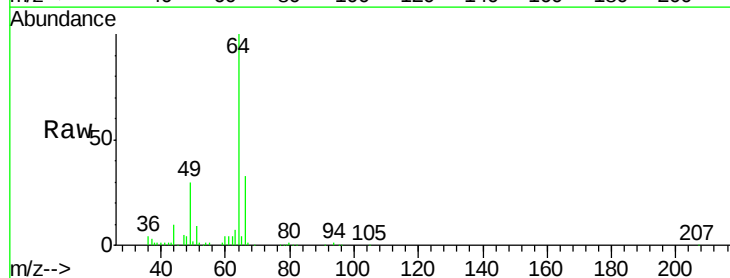
Acq: 25 Apr 2018 15:17

Tgt Ion: 64 Resp: 31248

Ion Ratio Lower Upper

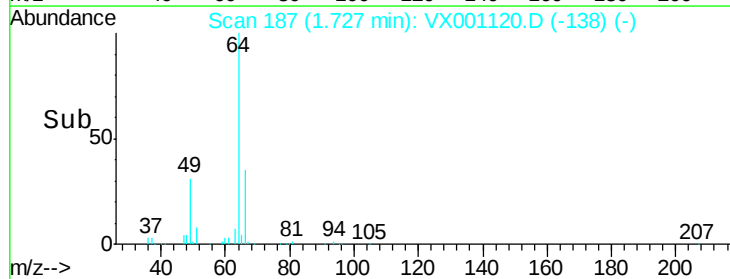
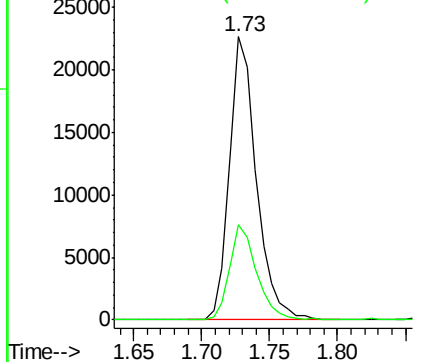
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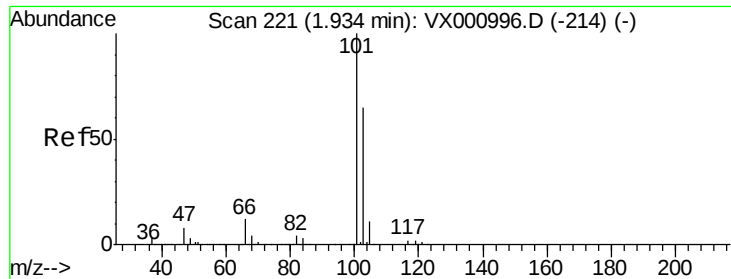
66 33.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

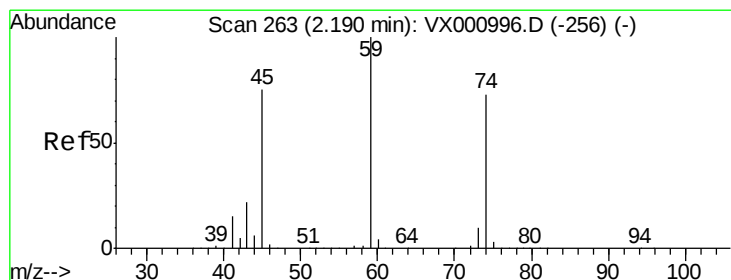
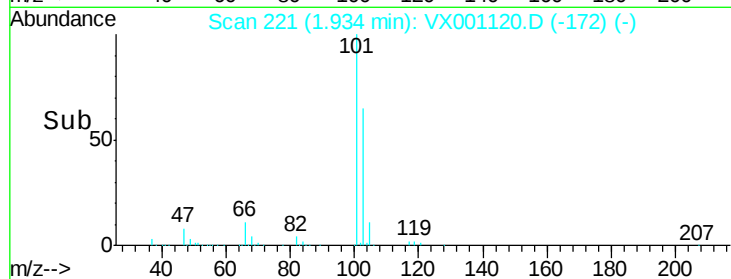
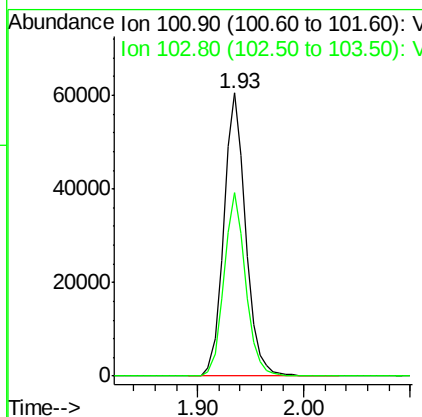
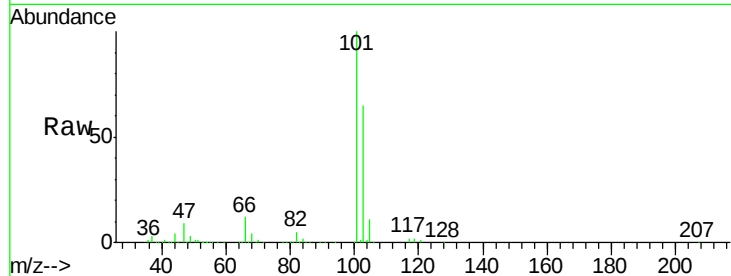
Trichlorofluoromethane
Concen: 20.82 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.8	77.8

Manual Integrations
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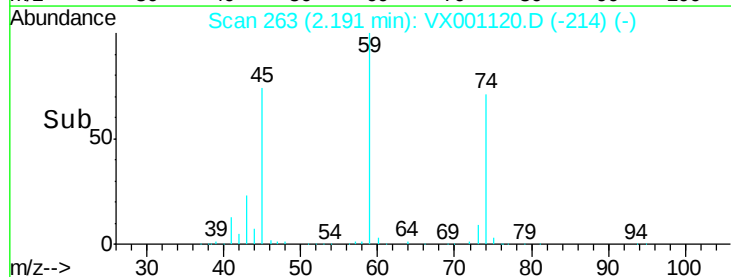
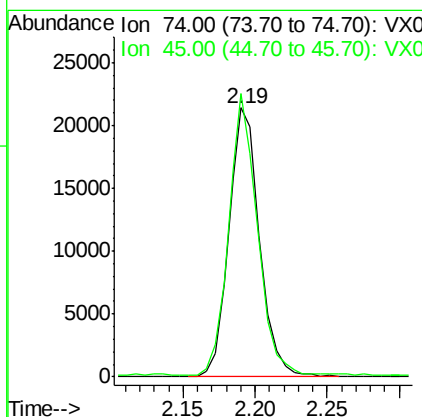
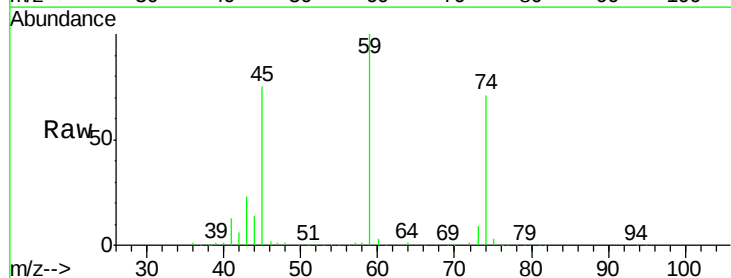
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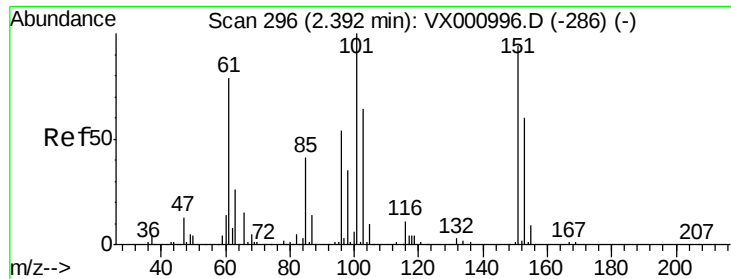


#8

Diethyl Ether
Concen: 20.64 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	49.0	147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.36 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

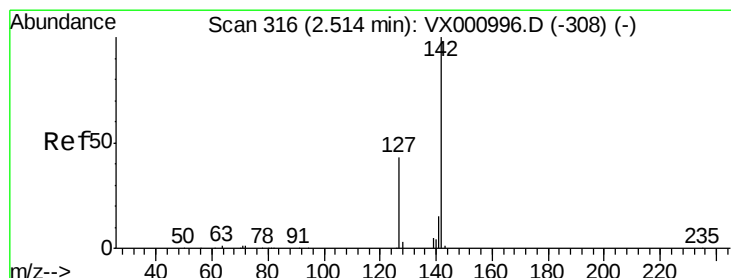
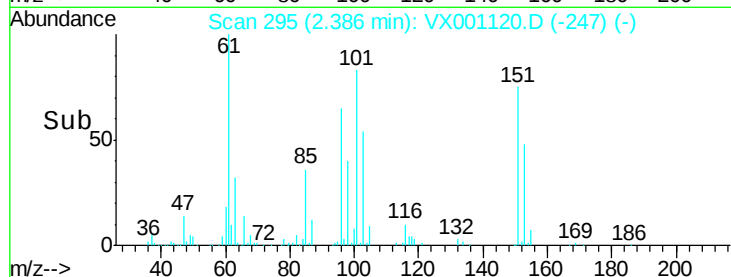
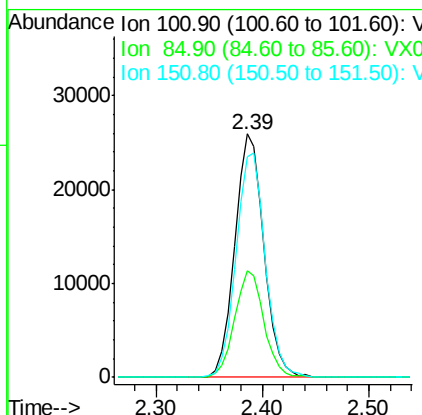
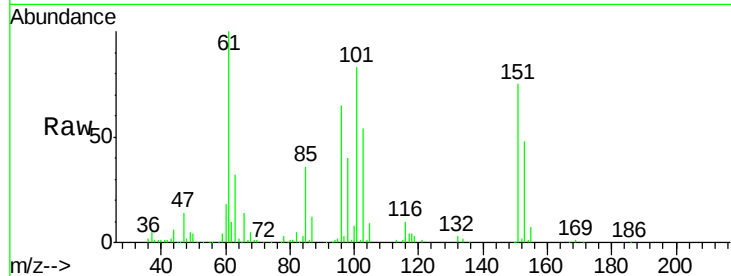
ClientSampleId :

VX0425MBS01

Tot Ion:	101	Resp:	49742
Ion Ratio	Lower	Upper	
101	100		
85	43.9	33.9	50.9
151	92.7	73.5	110.3

Manual Integrations
APPROVED

Sohil
4/27/2018 1:46:49 AM



#10

Methyl Iodide

Concen: 19.73 ug/l

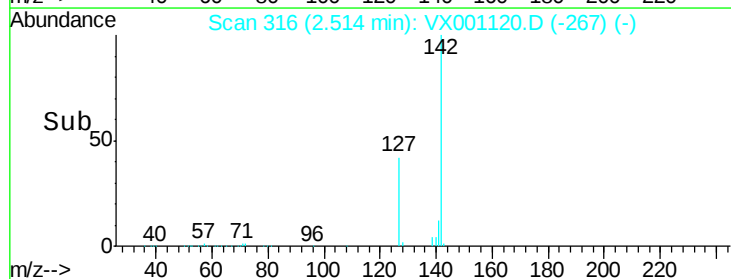
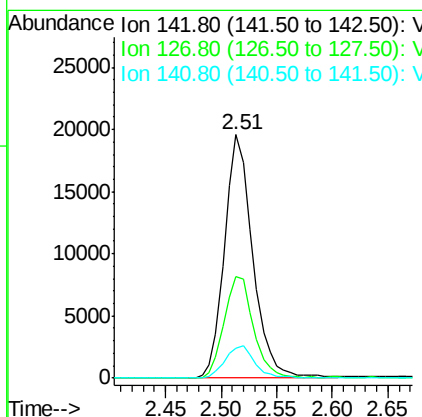
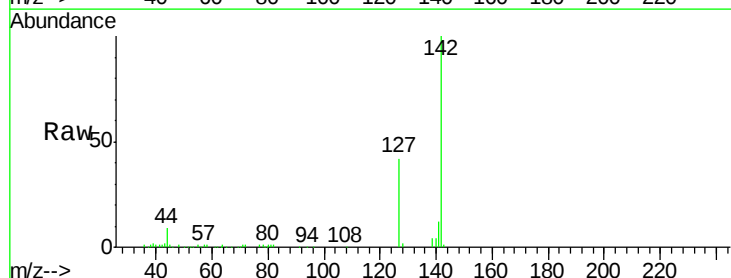
RT: 2.51 min Scan# 316

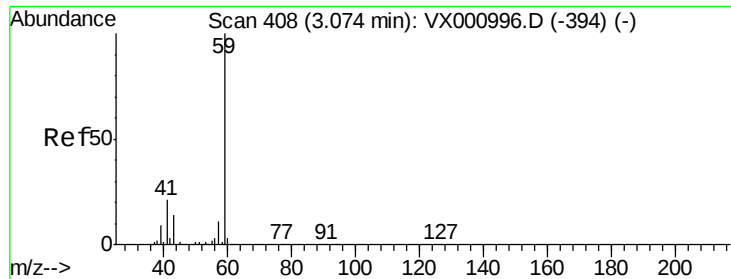
Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Tgt Ion:	142	Resp:	34483
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.0	51.0
141	14.0	11.4	17.2





#11

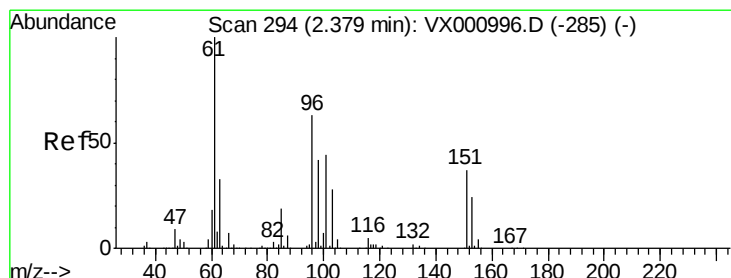
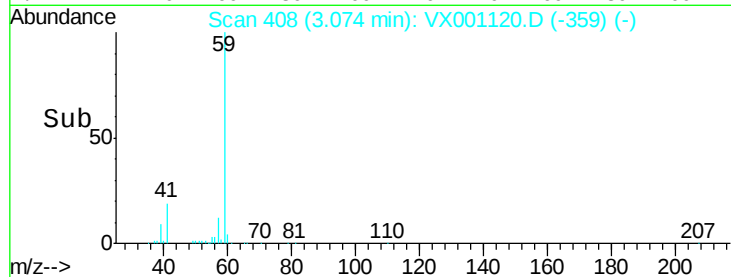
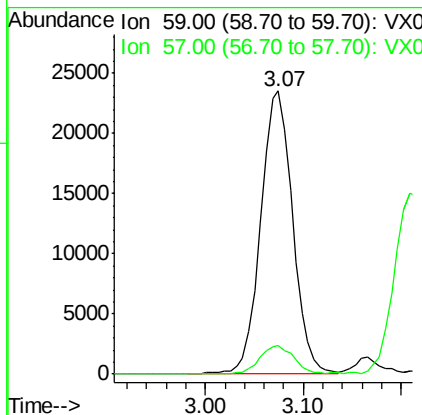
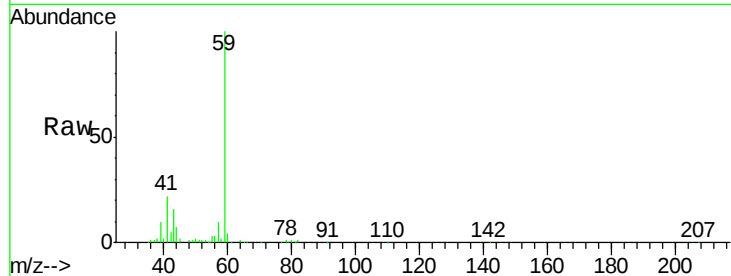
Tert butyl alcohol
Concen: 120.60 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampled :
VX0425MBS01

Tot Ion	59.00	Resp	53472
Ion Ratio	100	Lower	Upper
59	100		
57	10.9	8.3	12.5

Manual Integrations
APPROVED

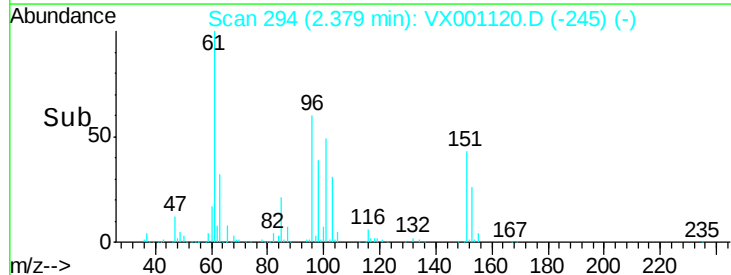
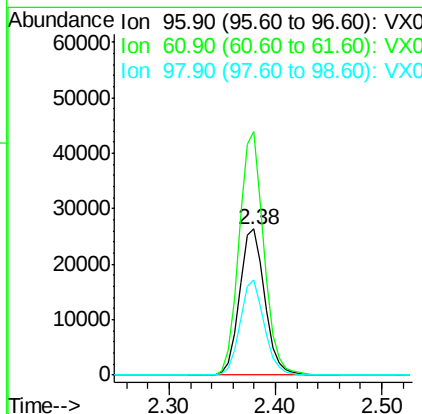
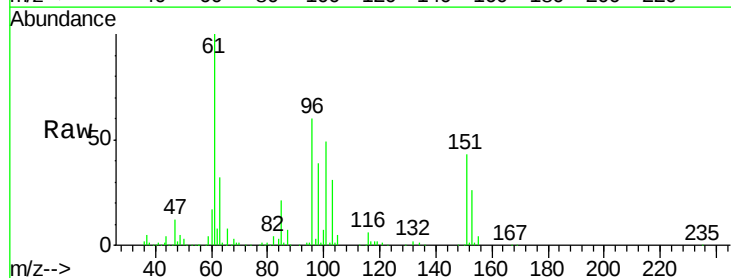
Sohil
4/27/2018 1:46:49 AM

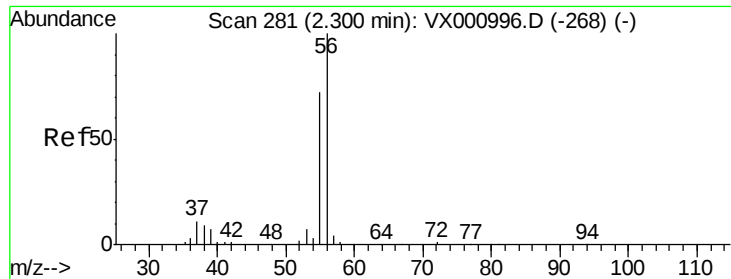


#12

1,1-Dichloroethene
Concen: 19.44 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	96	Resp	43928
Ion Ratio	100	Lower	Upper
96	100		
61	166.8	126.4	189.6
98	65.2	52.6	78.8





#13

Acrolein

Concen: 154.92 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 56 Resp: 20799

Ion Ratio Lower Upper

56 100

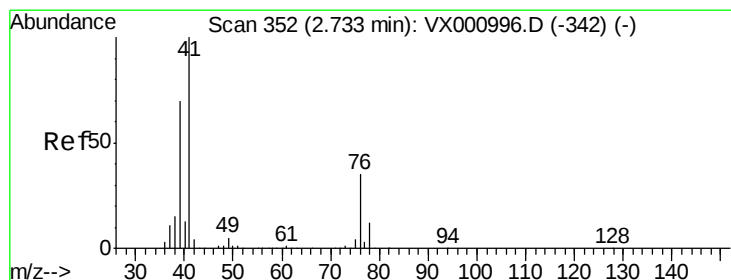
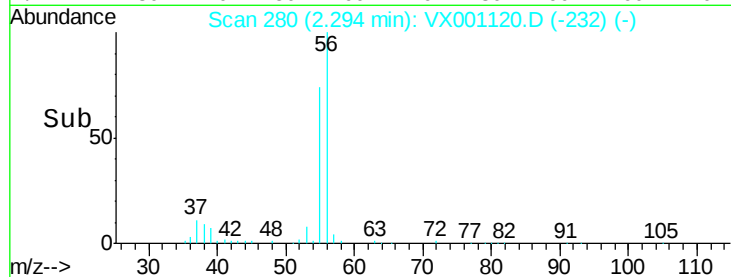
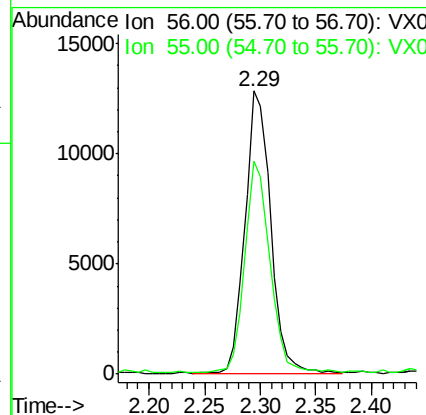
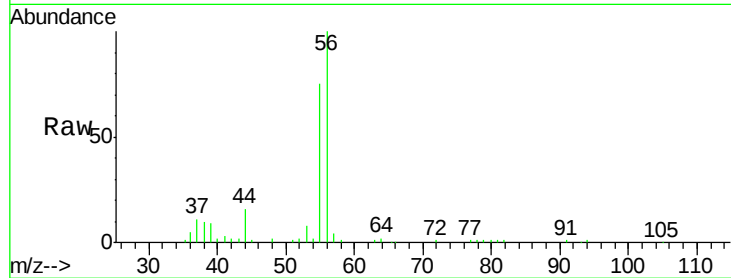
55 72.6 57.4 86.2

Manual Integrations

APPROVED

Sohil

4/27/2018 1:46:49 AM



#14

Allyl chloride

Concen: 19.79 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

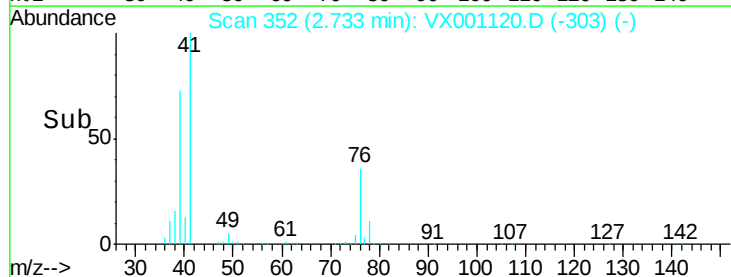
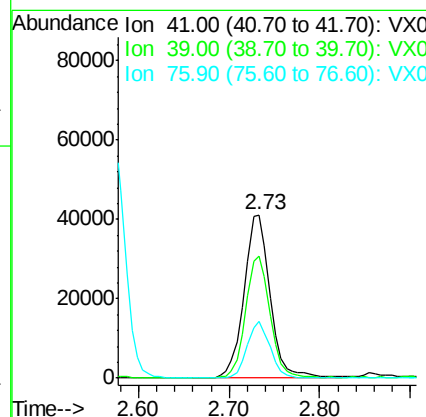
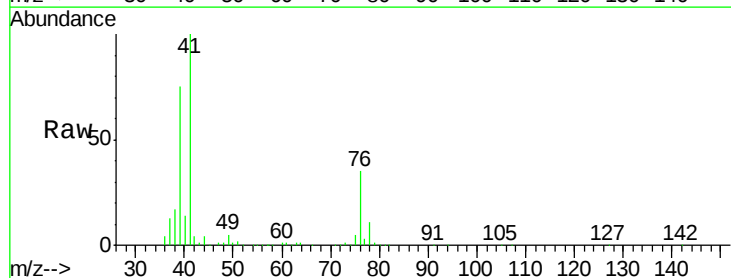
Tgt Ion: 41 Resp: 80932

Ion Ratio Lower Upper

41 100

39 69.5 53.0 79.6

76 31.0 25.9 38.9





#15

Acrylonitrile

Concen: 109.66 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

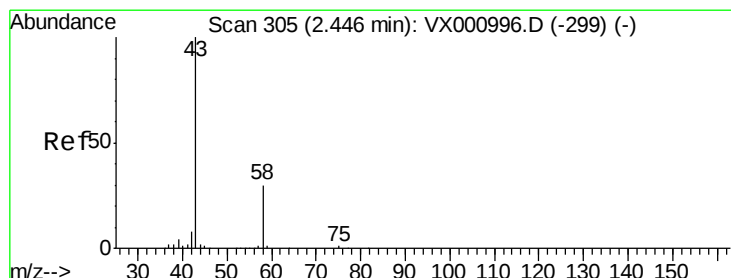
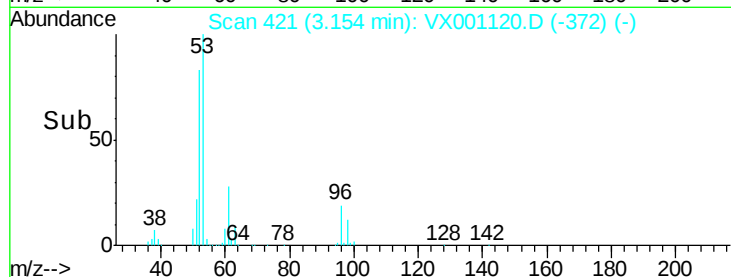
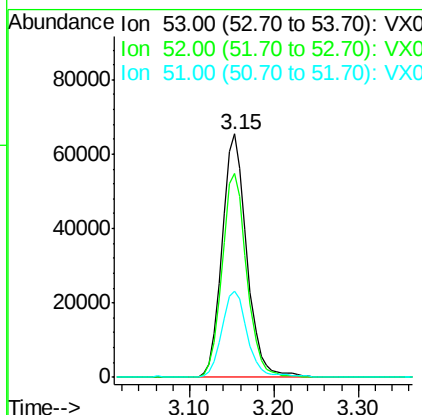
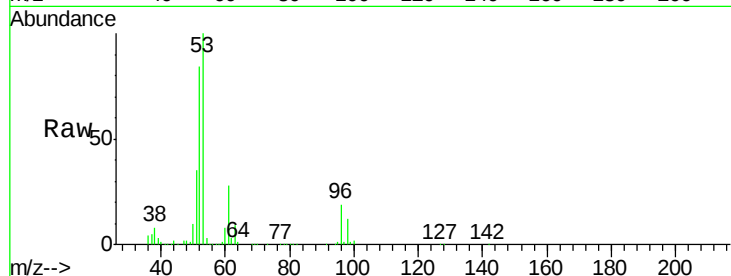
ClientSampleId :

VX0425MBS01

Tot Ion:	53	Resp:	131589
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.4	99.6
51	36.9	29.0	43.6

Manual Integrations
APPROVED

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#16

Acetone

Concen: 108.33 ug/l

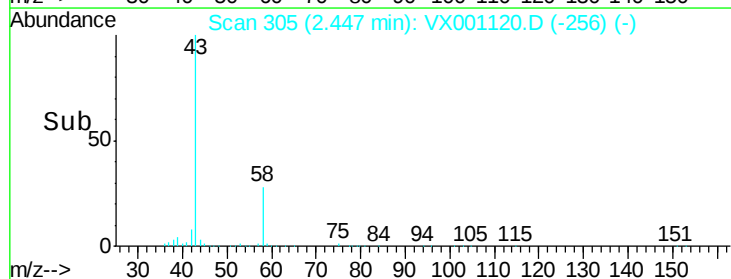
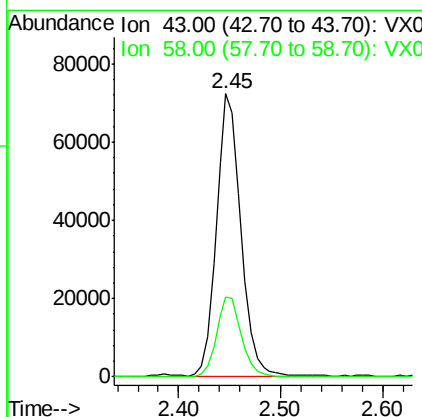
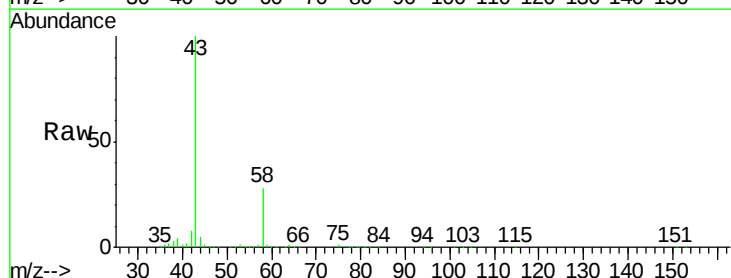
RT: 2.45 min Scan# 305

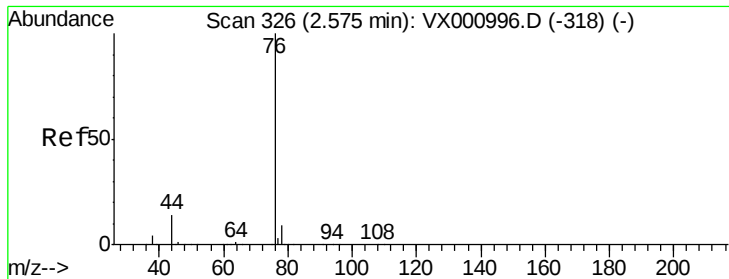
Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Tgt Ion:	43	Resp:	119924
Ion	Ratio	Lower	Upper
43	100		
58	28.3	23.7	35.5





#17

Carbon Disulfide

Concen: 15.75 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 76 Resp: 101428

Ion Ratio Lower Upper

76 100

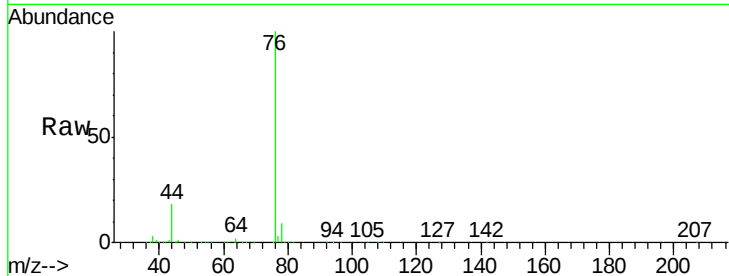
78 8.9 7.3 10.9

Manual Integrations

APPROVED

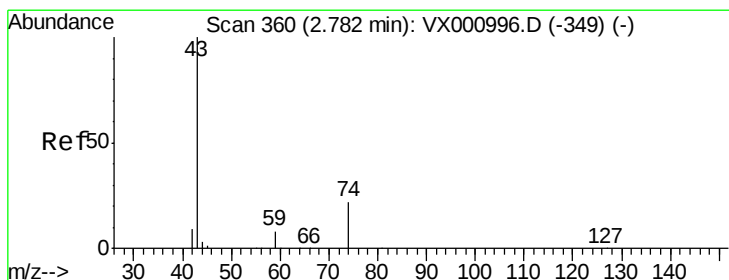
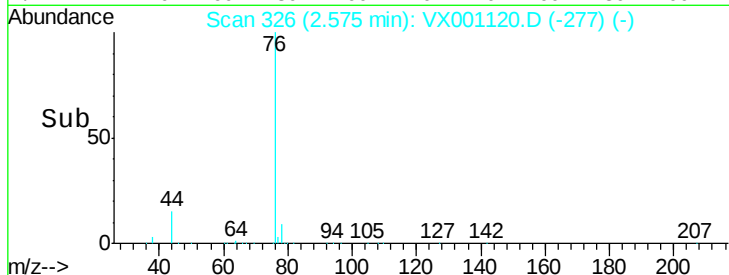
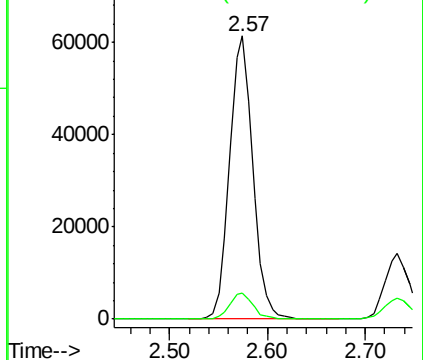
Sohil

4/27/2018 1:46:49 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.86 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001120.D

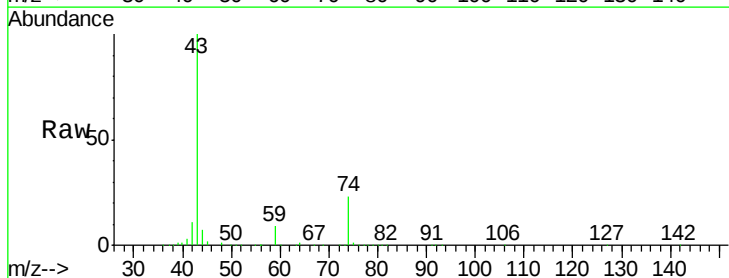
Acq: 25 Apr 2018 15:17

Tgt Ion: 43 Resp: 86611

Ion Ratio Lower Upper

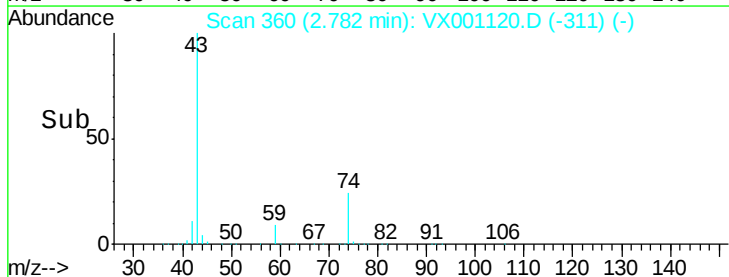
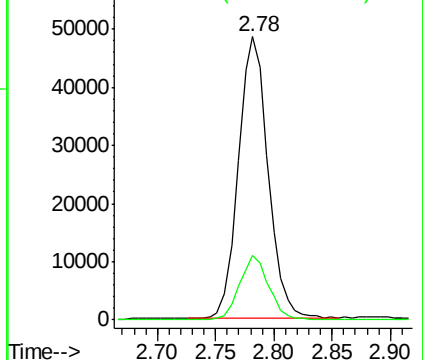
43 100

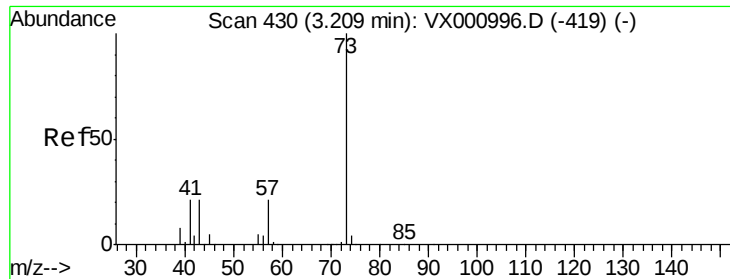
74 22.6 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

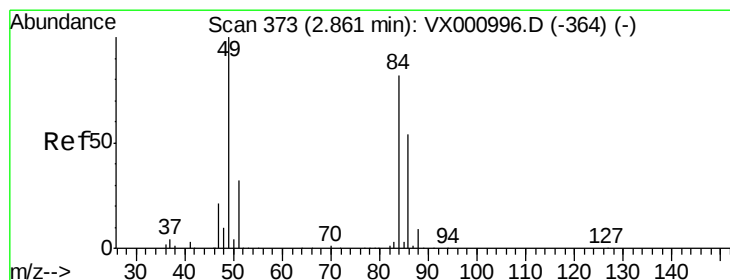
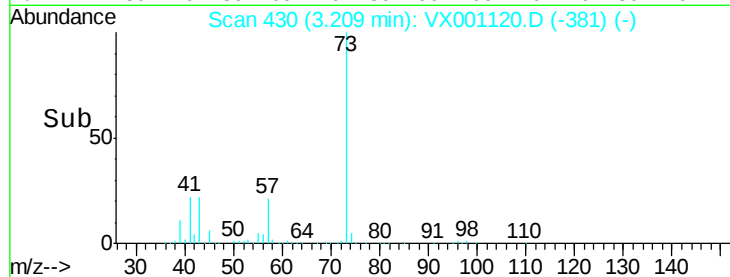
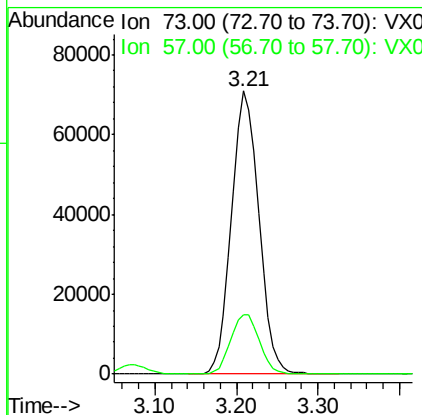
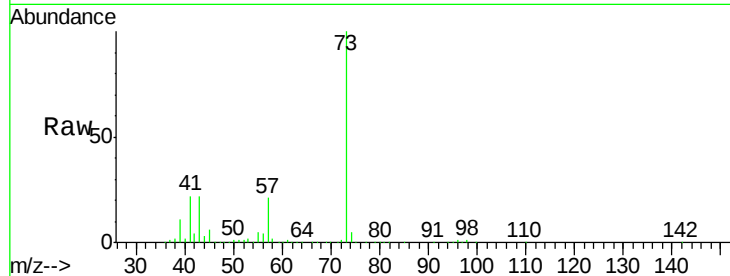
Methyl tert-butyl Ether
 Concen: 21.69 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.0	17.1	25.7

Manual Integrations
 APPROVED

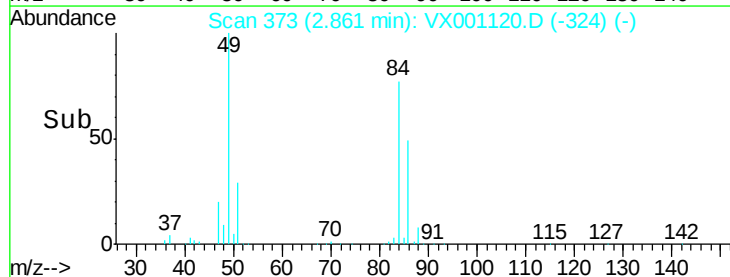
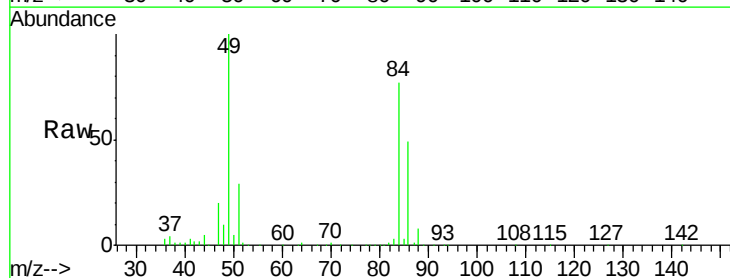
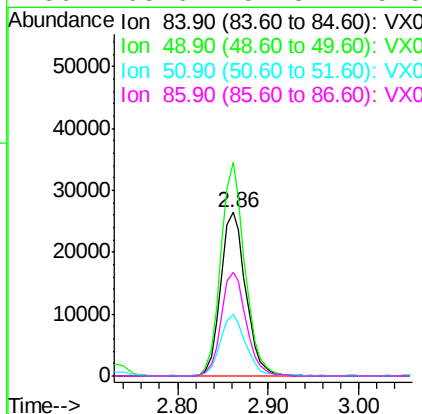
Sohil
 4/27/2018 1:46:49 AM

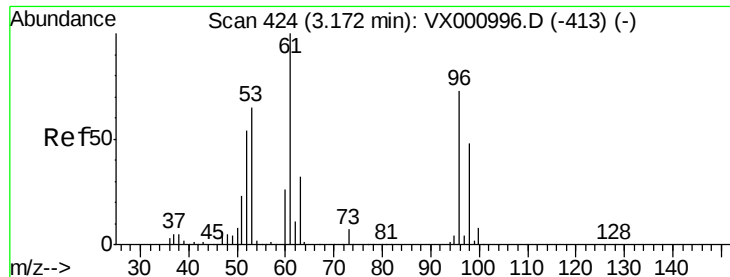


#20

Methylene Chloride
 Concen: 20.98 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.6	97.1	145.7
51	37.5	30.8	46.2
86	63.6	52.3	78.5





#21

trans-1,2-Dichloroethene

Concen: 18.72 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 96 Resp: 47100

Ion Ratio Lower Upper

96 100

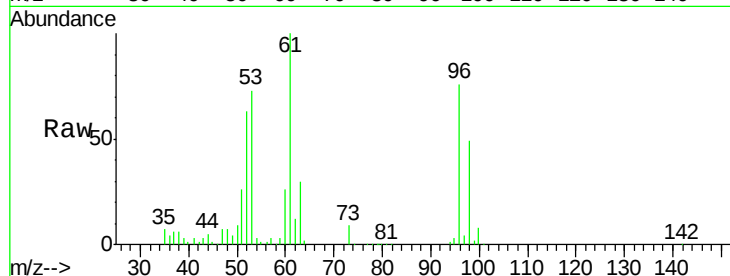
61 132.3 109.4 164.2

98 64.9 52.6 78.8

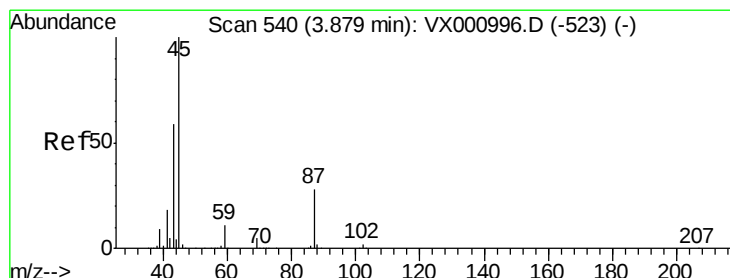
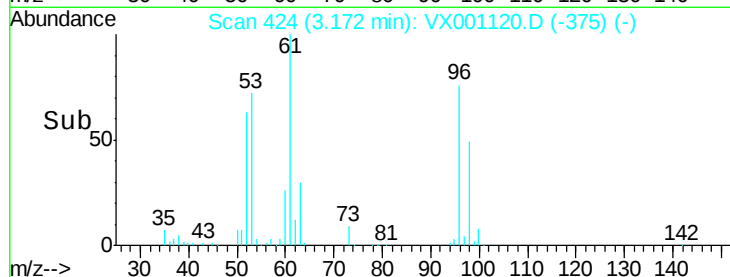
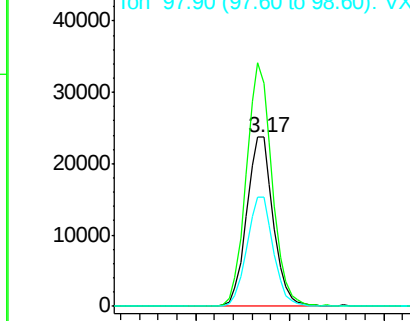
Manual Integrations
APPROVED

Sohil

4/27/2018 1:46:49 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.79 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Tgt Ion: 45 Resp: 164557

Ion Ratio Lower Upper

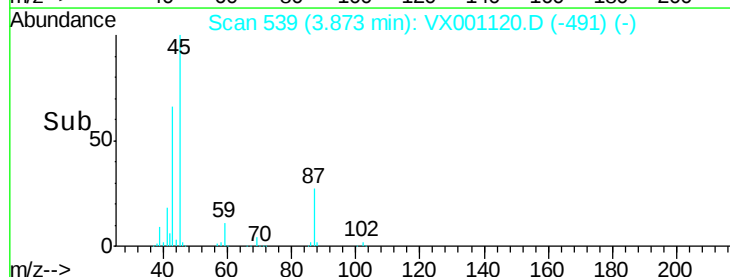
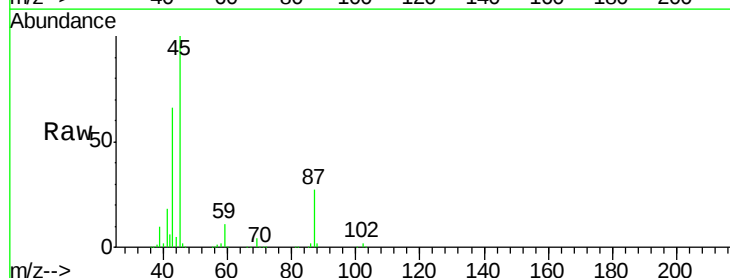
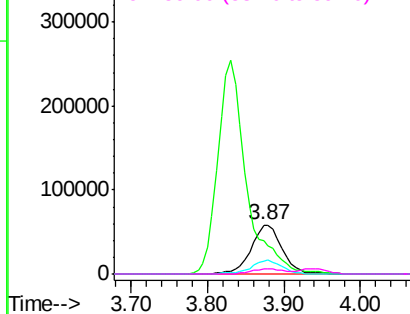
45 100

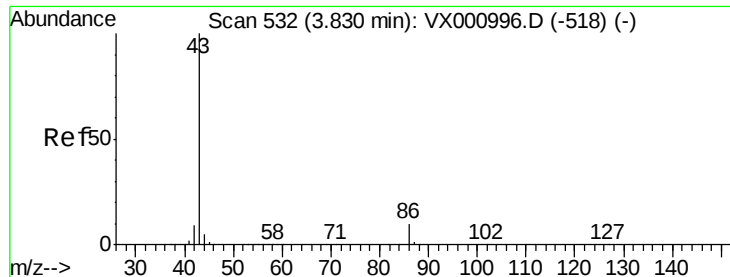
43 65.8 47.0 70.4

87 27.2 22.5 33.7

59 11.0 8.8 13.2

Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.03 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 43 Resp: 662158

Ion Ratio Lower Upper

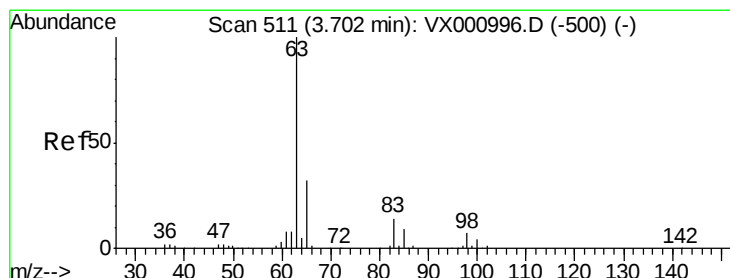
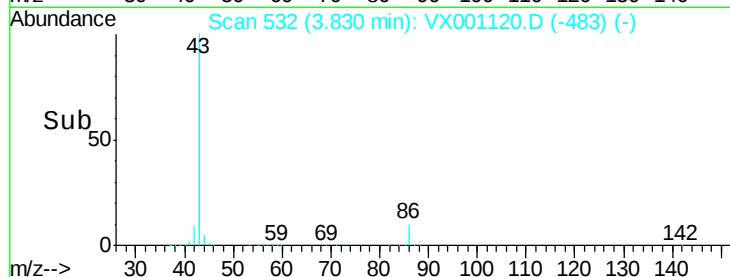
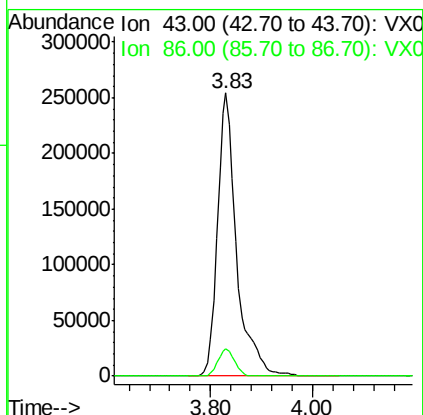
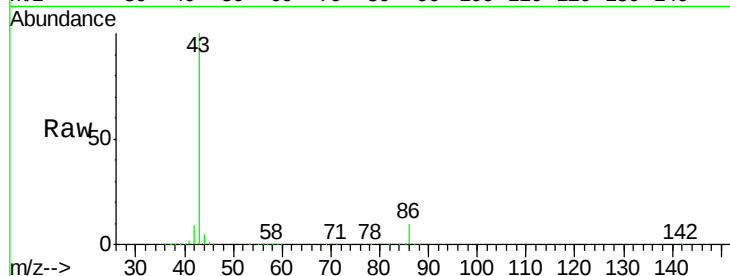
43 100

86 9.9 8.1 12.1

Manual Integrations
APPROVED

Sohil

4/27/2018 1:46:49 AM



#24

1,1-Dichloroethane

Concen: 19.59 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

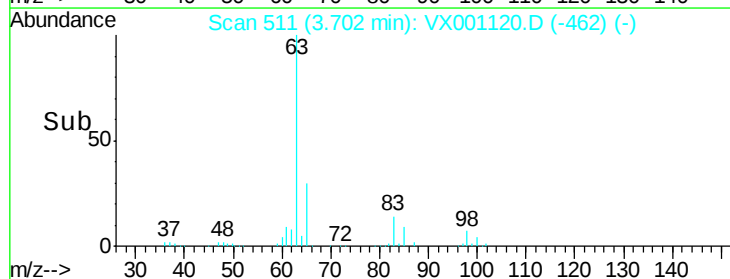
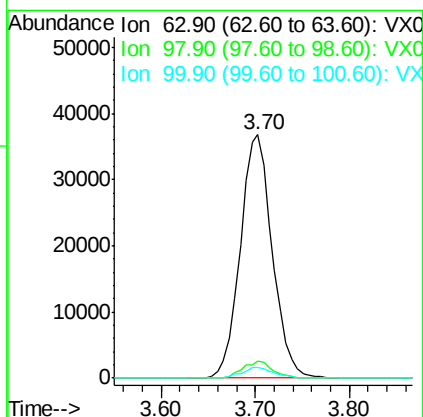
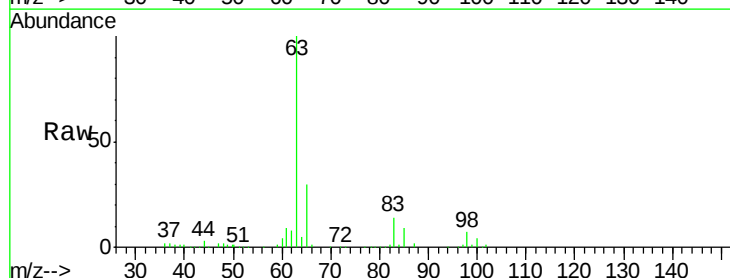
Tgt Ion: 63 Resp: 86980

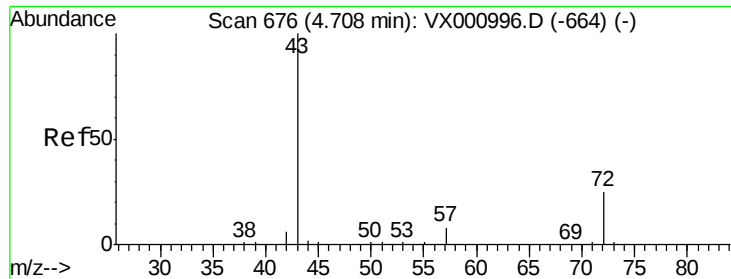
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 108.96 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 43 Resp: 188298

Ion Ratio Lower Upper

43 100

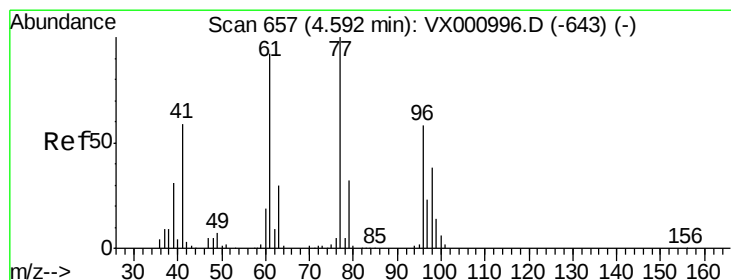
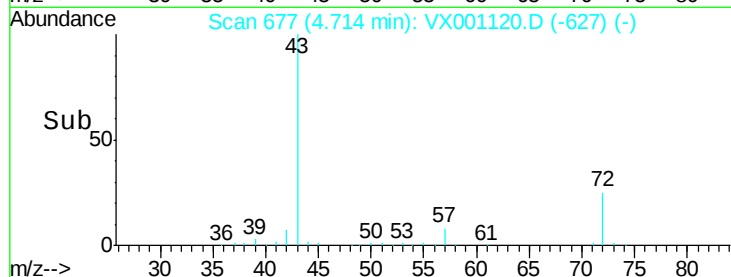
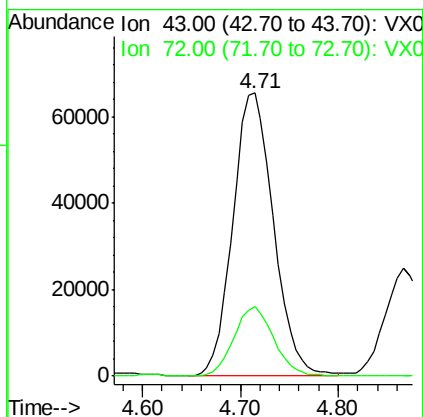
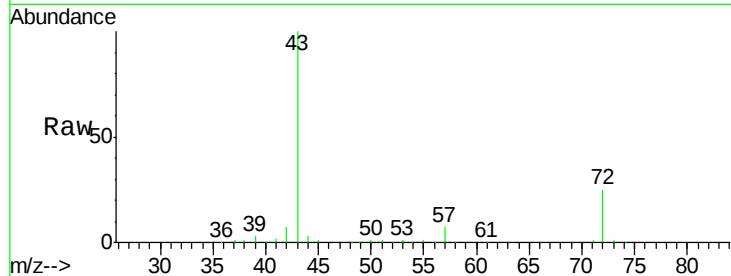
72 24.8 19.9 29.9

Manual Integrations

APPROVED

Sohil

4/27/2018 1:46:49 AM



#26

2,2-Dichloropropane

Concen: 17.72 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001120.D

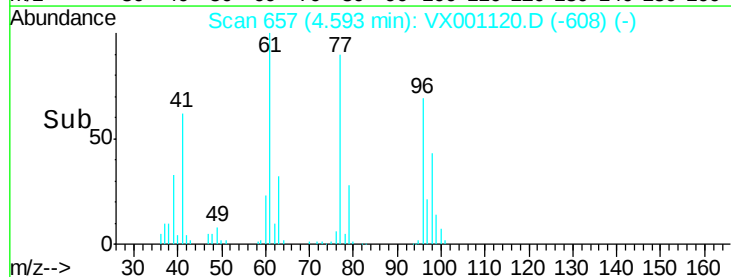
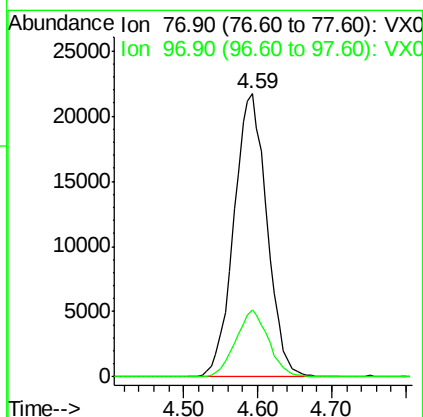
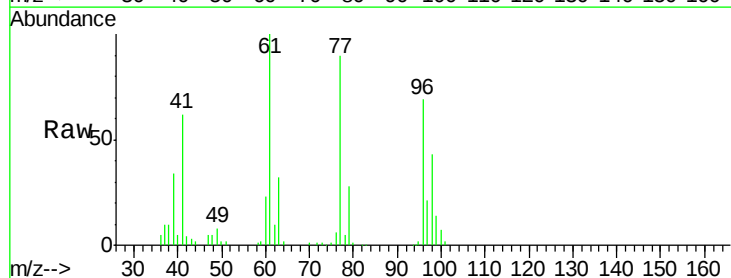
Acq: 25 Apr 2018 15:17

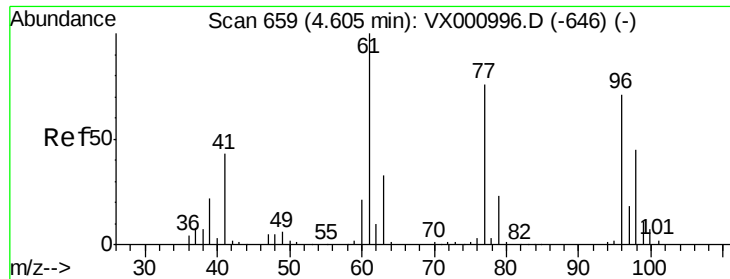
Tgt Ion: 77 Resp: 67699

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4





#27

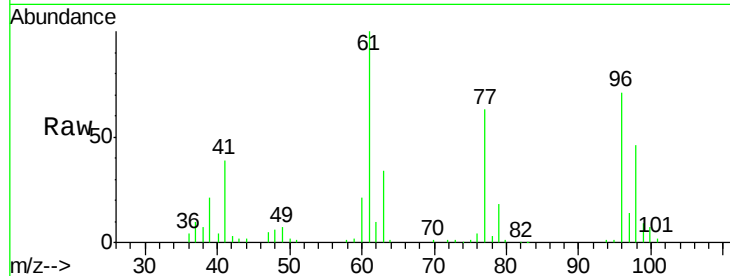
cis-1,2-Dichloroethene
Concen: 19.65 ug/l
RT: 4.60 min Scan# 659
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

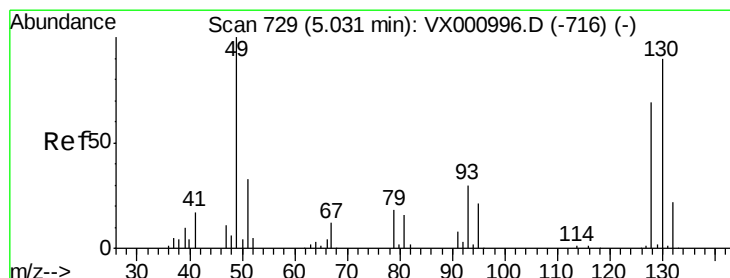
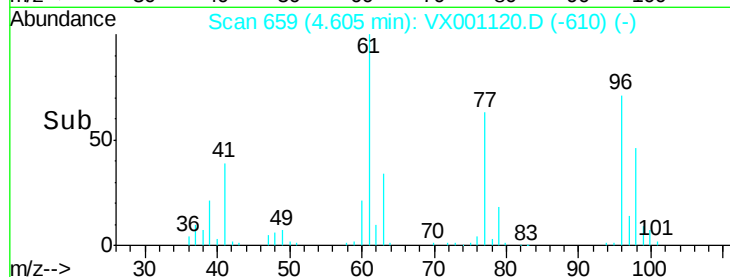
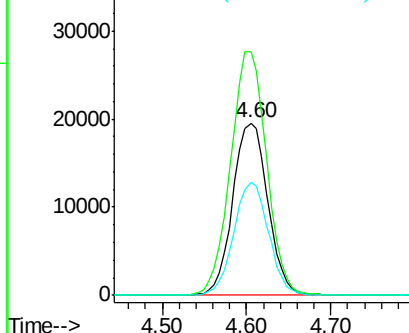
Tot Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	297.0
98	64.9	0.0	130.0

Manual Integrations
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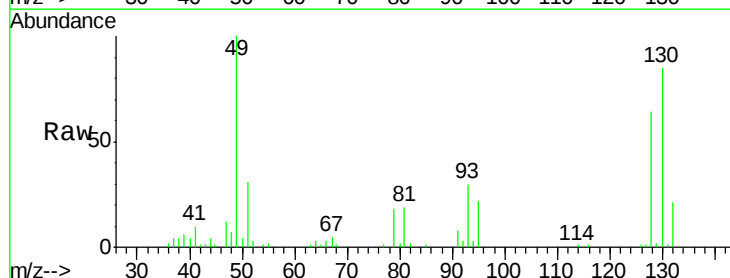
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



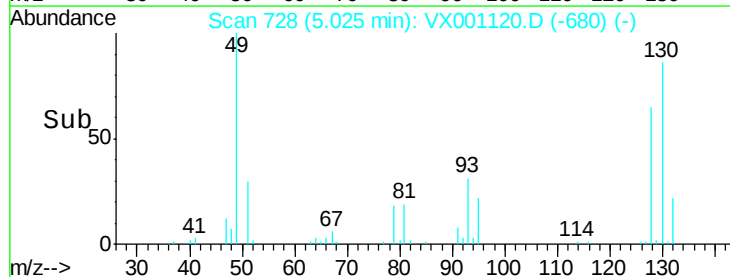
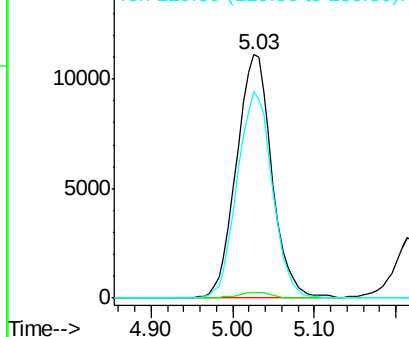
#28

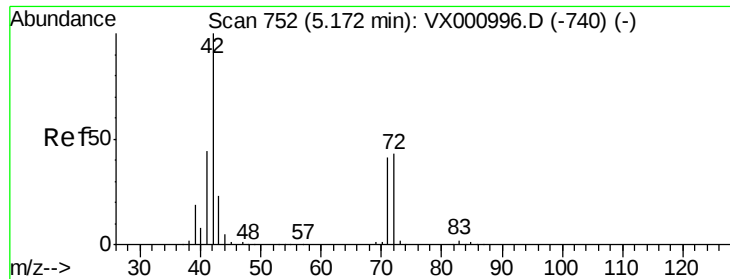
Bromochloromethane
Concen: 19.65 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.01 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.8
130	83.9	70.6	105.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





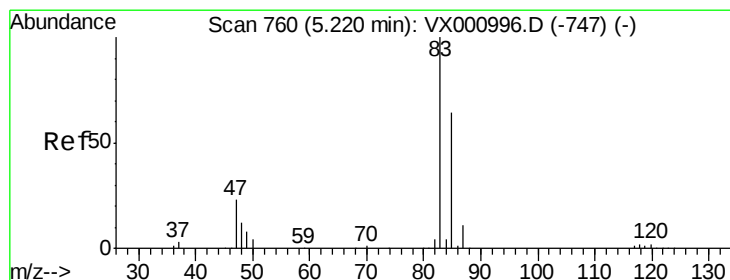
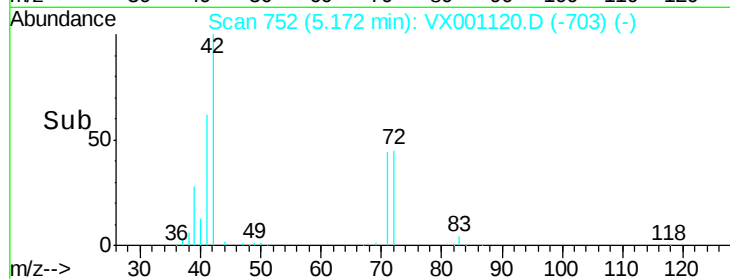
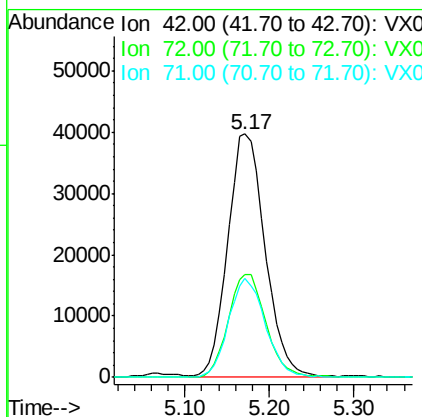
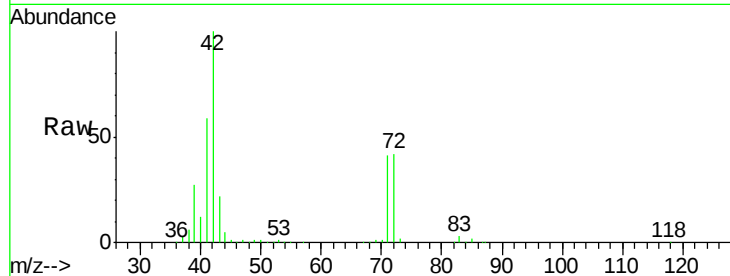
#29
Tetrahydrofuran
Concen: 108.53 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.1	34.6	52.0
71	40.4	32.6	49.0

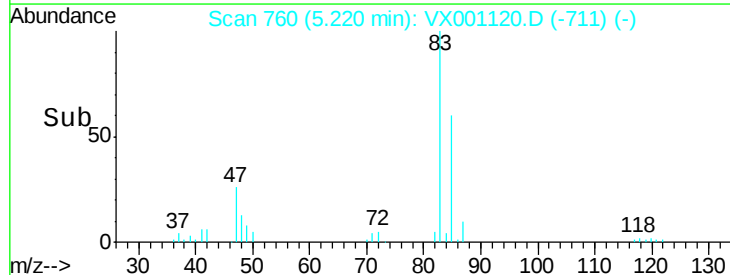
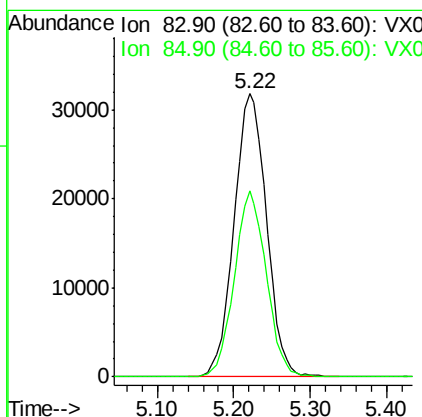
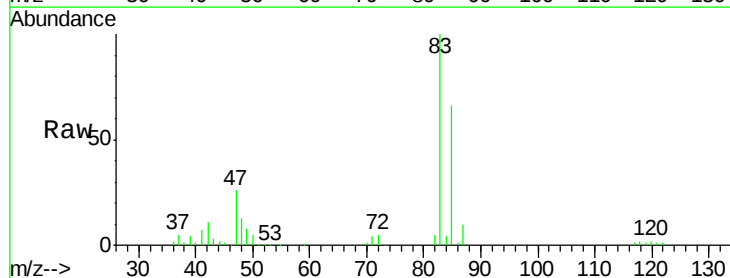
Manual Integrations
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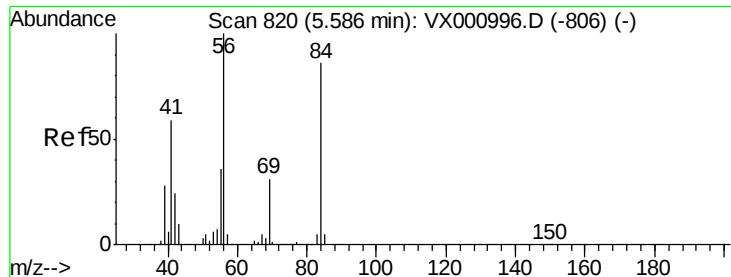
Sohil
4/27/2018 1:46:49 AM



#30
Chloroform
Concen: 20.34 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.3	76.9





#31

Cyclohexane

Concen: 18.75 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 56 Resp: 77715

Ion Ratio Lower Upper

56 100

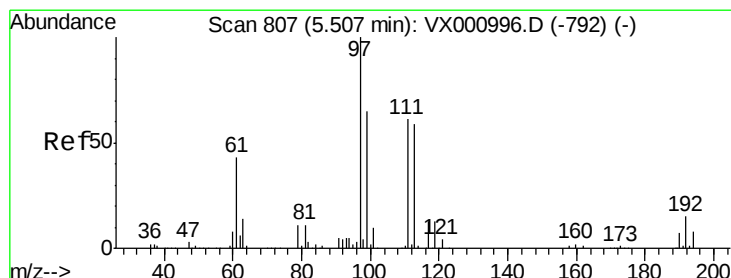
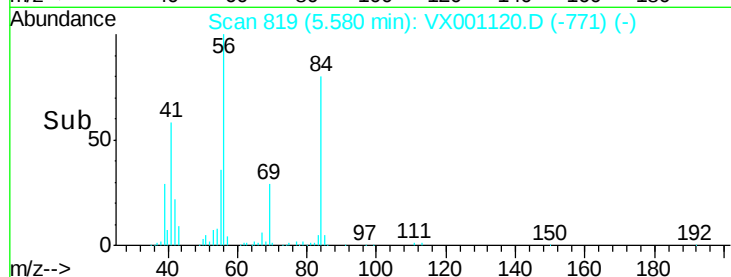
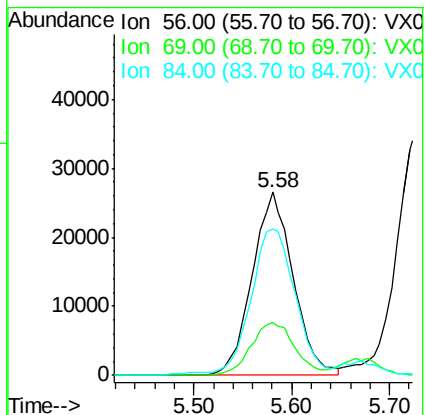
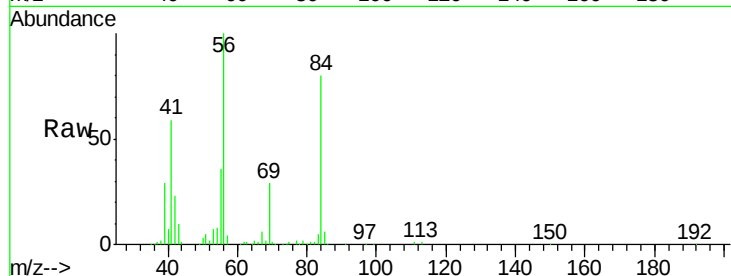
69 29.2 24.6 36.8

84 78.1 69.0 103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.56 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

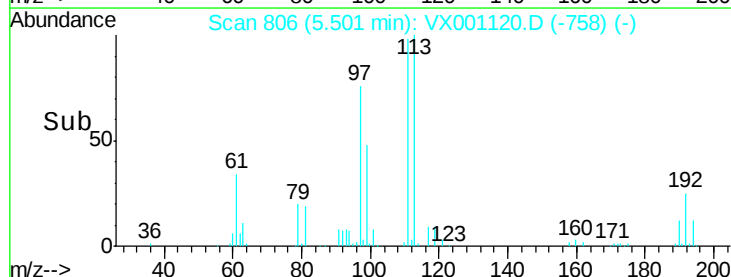
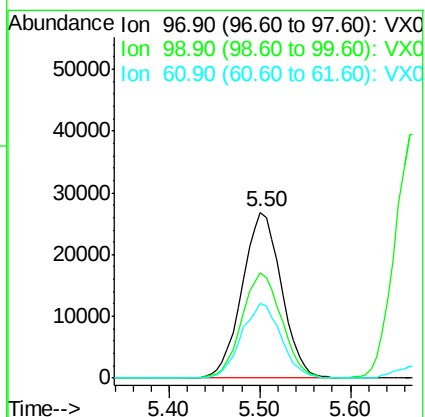
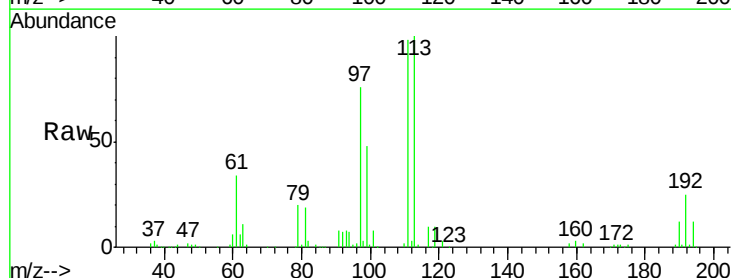
Tgt Ion: 97 Resp: 80634

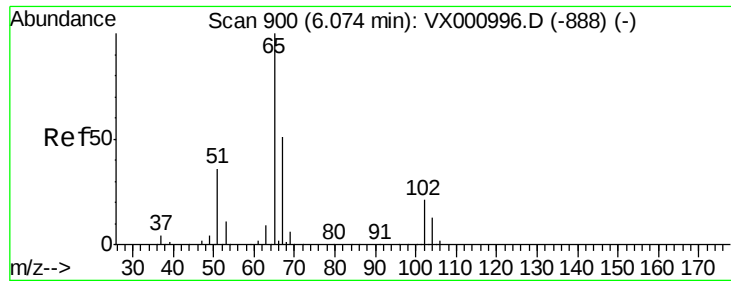
Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

61 45.1 34.4 51.6





#33

1,2-Dichloroethane-d4

Concen: 48.33 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 65 Resp: 142094

Ion Ratio Lower Upper

65 100

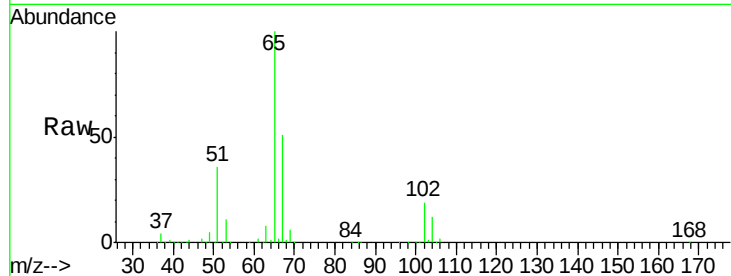
67 50.9 0.0 102.6

Manual Integrations

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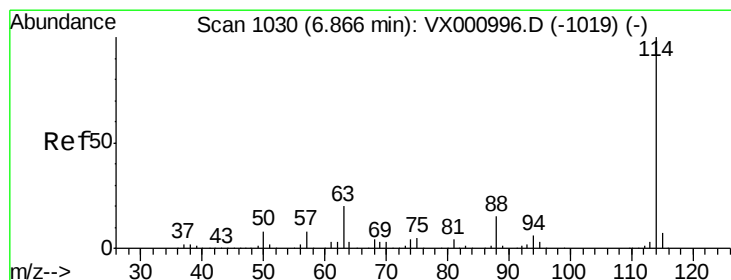
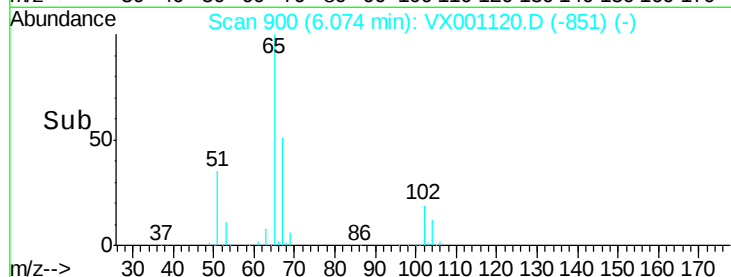
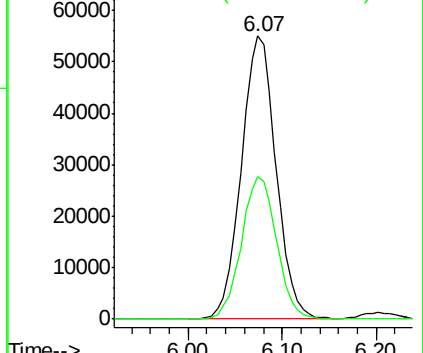
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

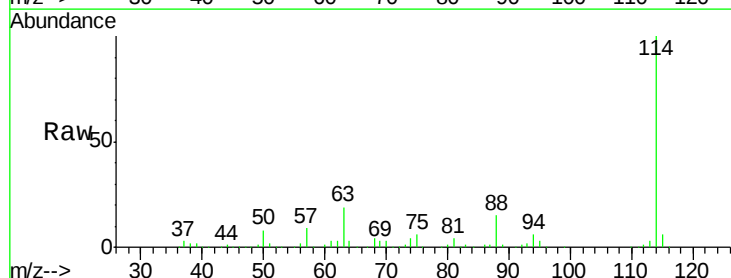
Tgt Ion: 114 Resp: 314579

Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.4

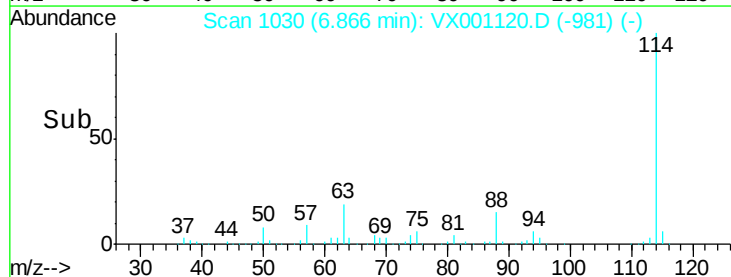
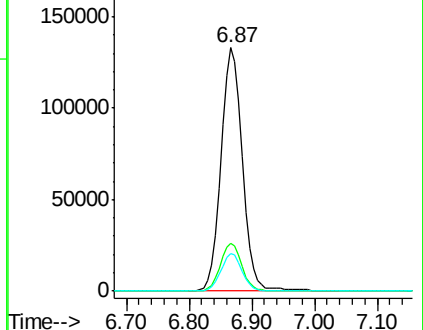
88 15.3 0.0 29.8

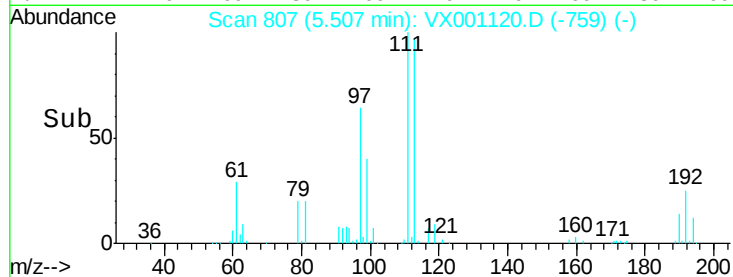
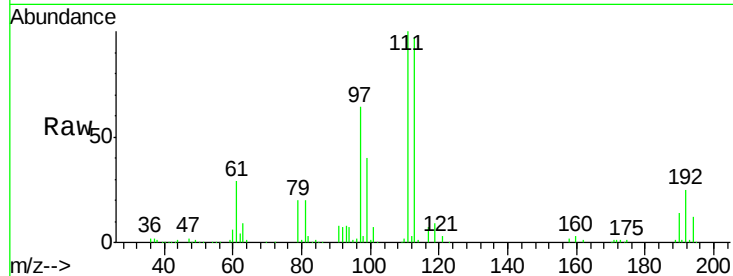
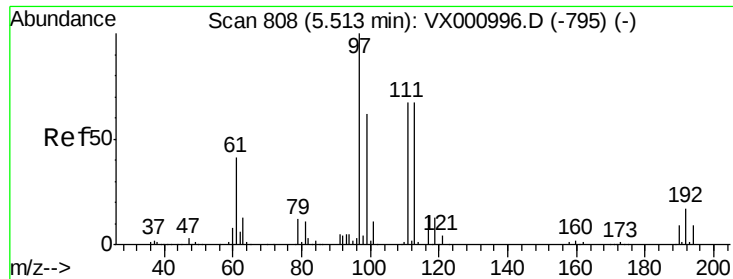


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





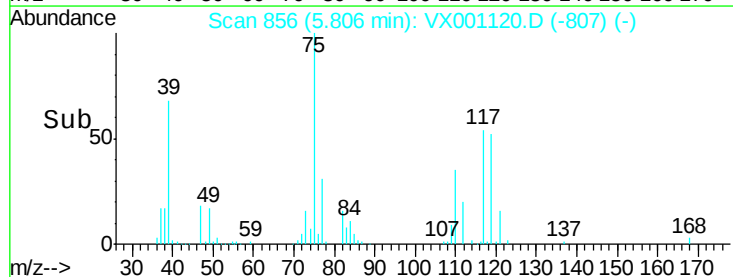
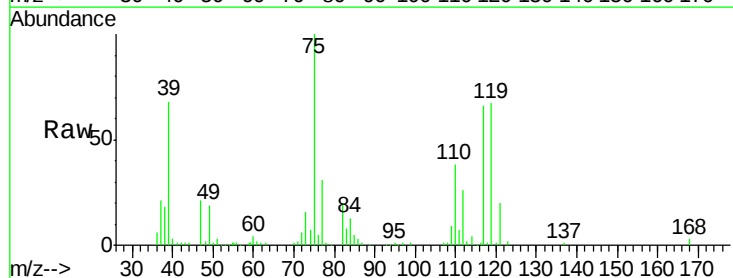
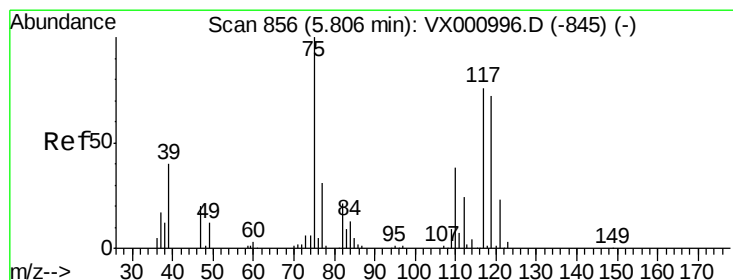
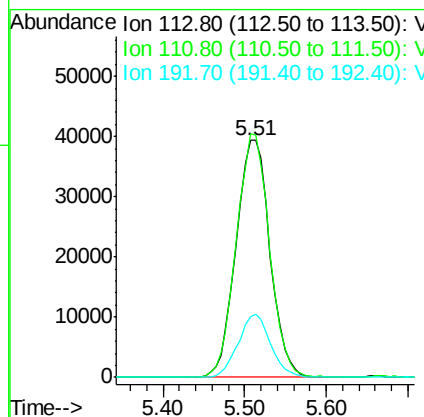
#35
Dibromofluoromethane
Concen: 47.28 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.01 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tot Ion	Ratio	Resp	Lower	Upper
113	100	113409		
111	100.8	81.4	122.2	
192	25.4	20.4	30.6	

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

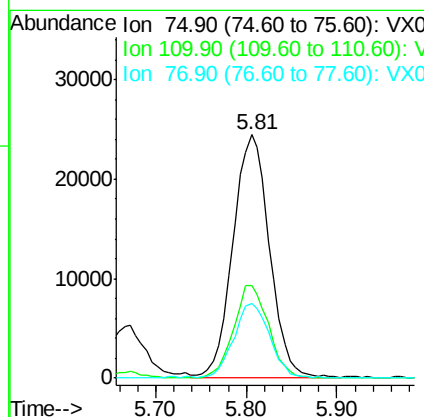
Manual Integrations
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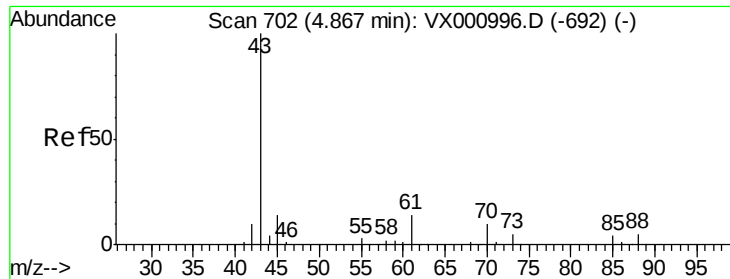
Sohil
4/27/2018 1:46:49 AM



#36
1,1-Dichloropropene
Concen: 18.36 ug/l
RT: 5.81 min Scan# 856
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	67880		
110	36.7	18.7	56.1	
77	30.5	25.0	37.4	





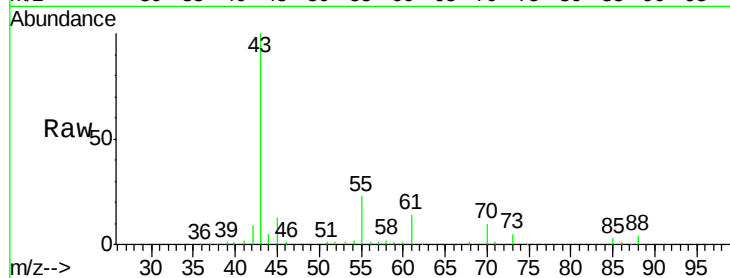
#37
Ethyl Acetate
Concen: 21.16 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.7	16.1
70	10.3	8.3	12.5

Manual Integrations
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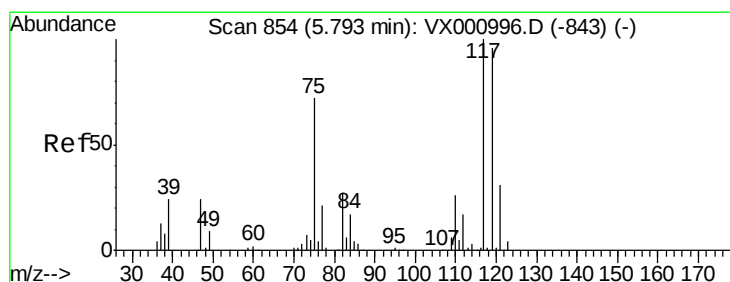
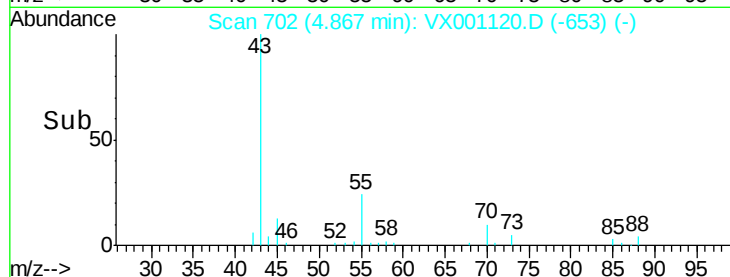
Abundance

Ion 43.00 (42.70 to 43.70): VX000996.D (-692) (-)

Ion 60.90 (60.60 to 61.60): VX000996.D (-692) (-)

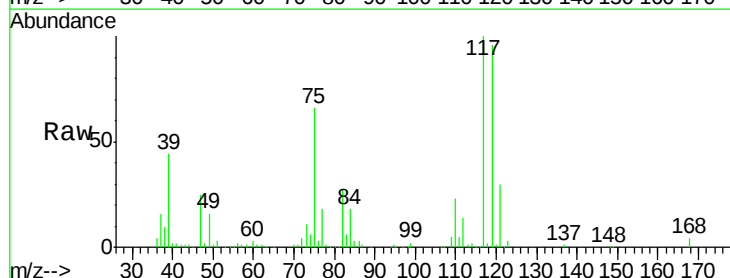
Ion 70.00 (69.70 to 70.70): VX000996.D (-692) (-)

Time-->



#38
Carbon Tetrachloride
Concen: 18.39 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.01 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.5	114.7
121	29.9	24.5	36.7



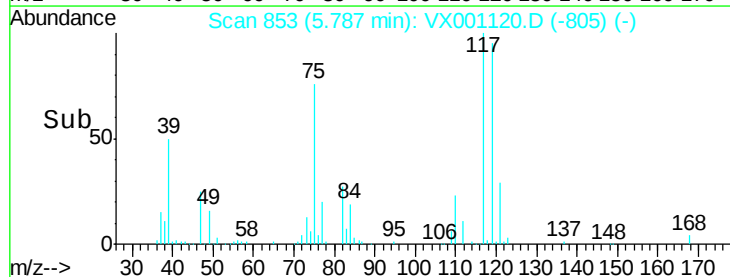
Abundance

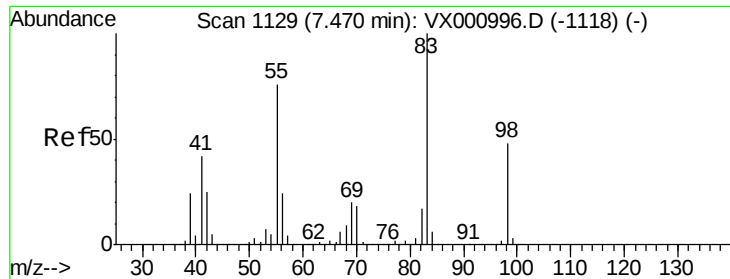
Ion 116.80 (116.50 to 117.50): VX000996.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX000996.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX000996.D (-843) (-)

Time-->





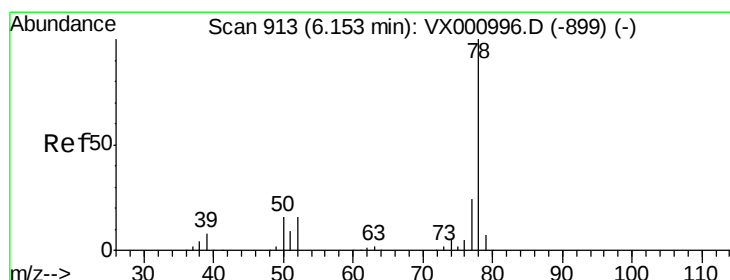
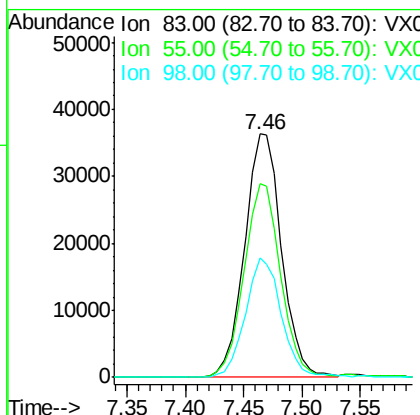
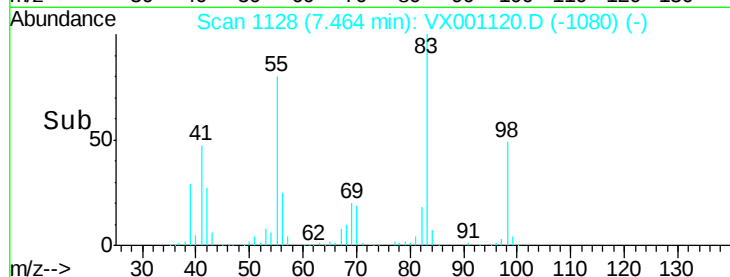
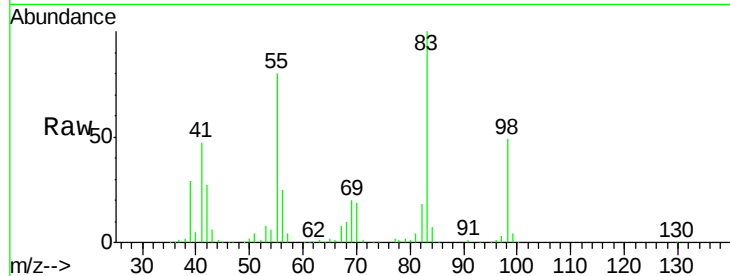
#39
Methvlcvclohexane
Concen: 18.64 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.01 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.6	60.6	91.0
98	48.8	38.2	57.4

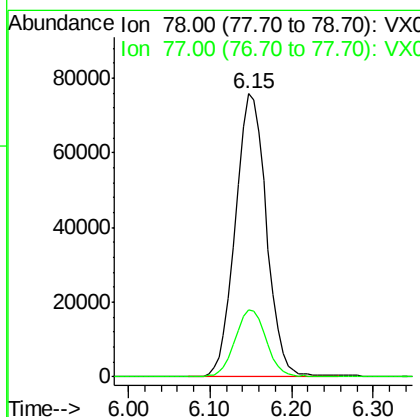
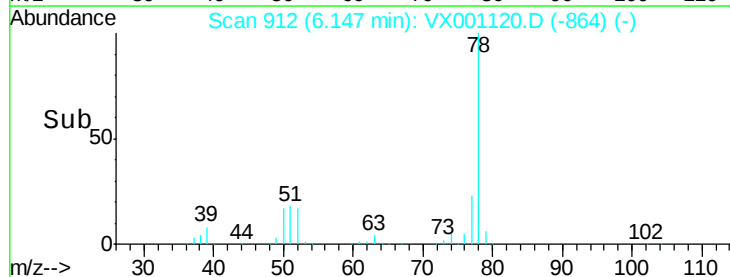
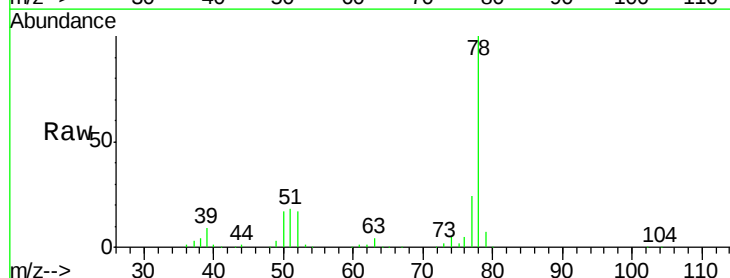
Manual Integrations
APPROVED

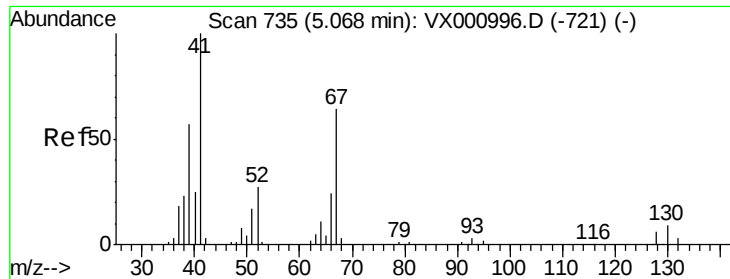
Sohil
4/27/2018 1:46:49 AM



#40
Benzene
Concen: 19.50 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.01 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





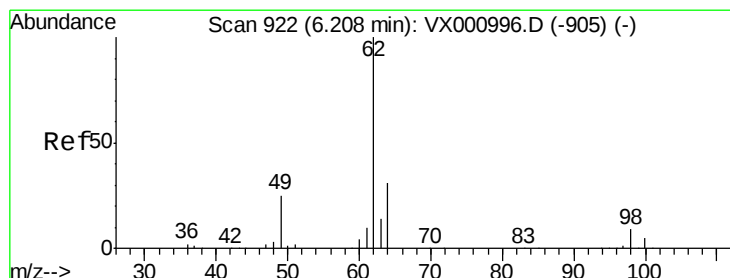
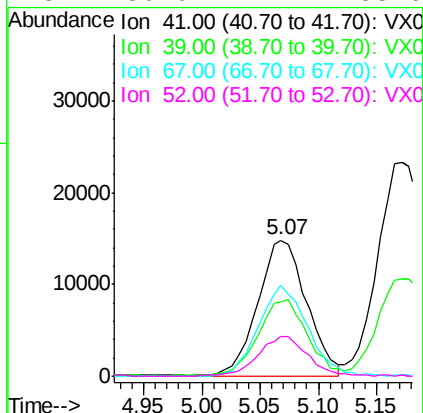
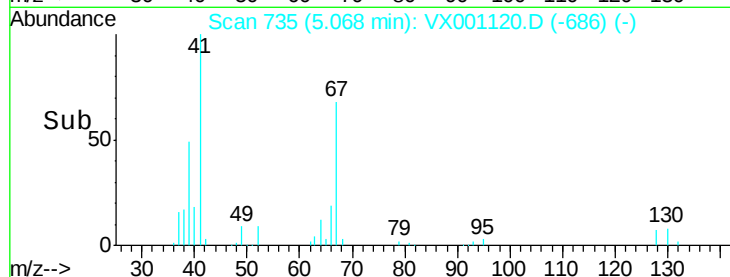
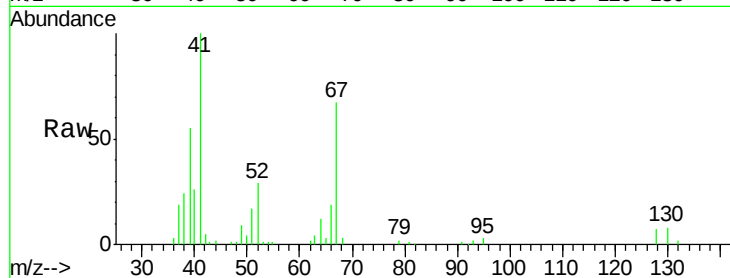
#41
Methacrylonitrile
Concen: 20.15 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

Tot Ion	41	Resp	42677
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.2	67.8
67	67.8	53.8	80.8
52	30.0	22.4	33.6

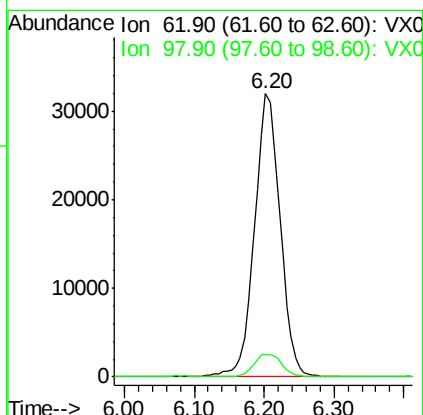
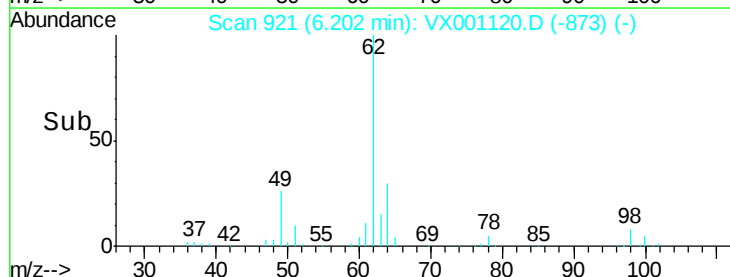
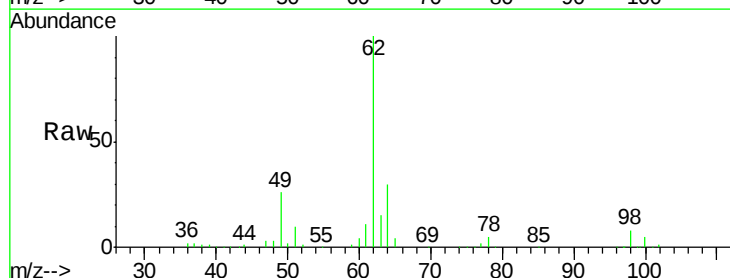
Manual Integrations
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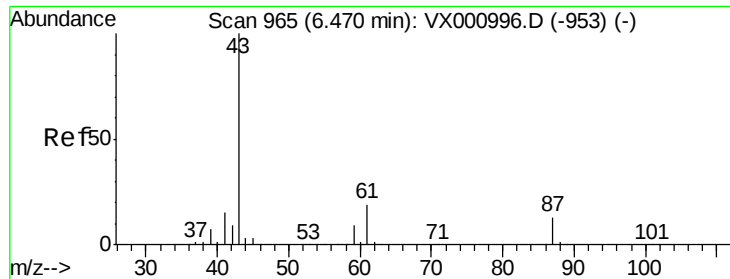
Sohil
4/27/2018 1:46:49 AM



#42
1,2-Dichloroethane
Concen: 20.67 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	62	Resp	81546
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

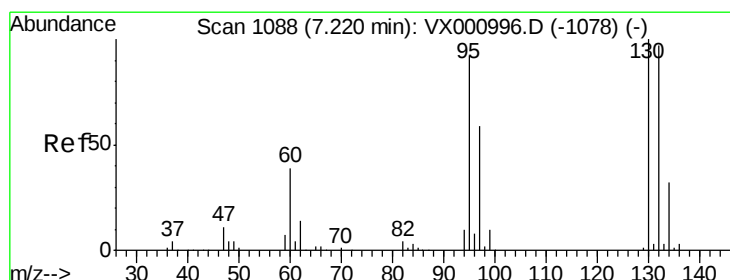
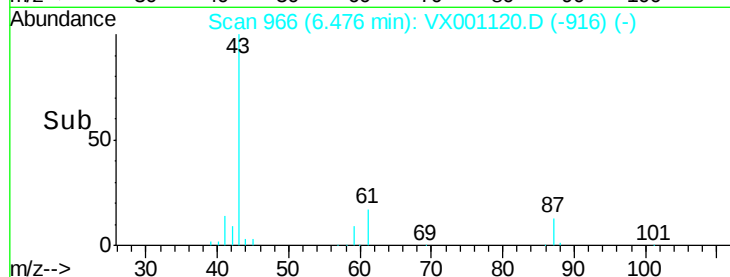
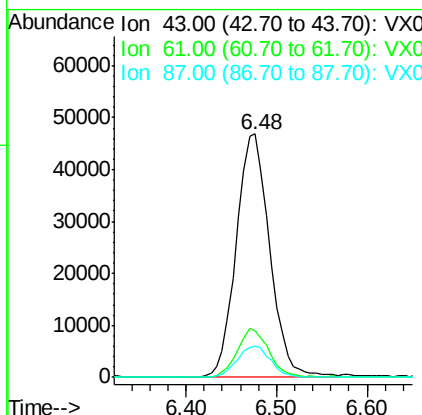
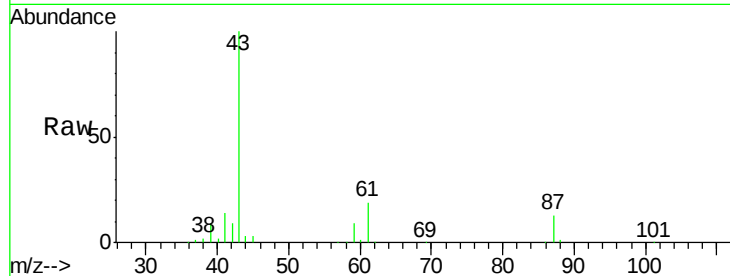
Isopropyl Acetate
 Concen: 20.55 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.4	23.2
87	13.0	10.6	15.8

Manual Integrations
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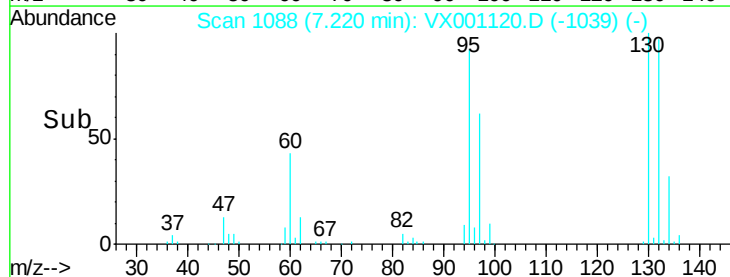
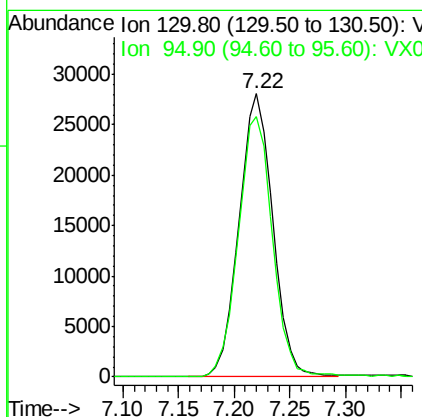
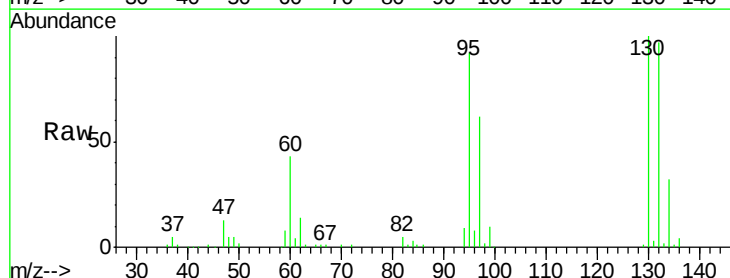
Sohil
 4/27/2018 1:46:49 AM

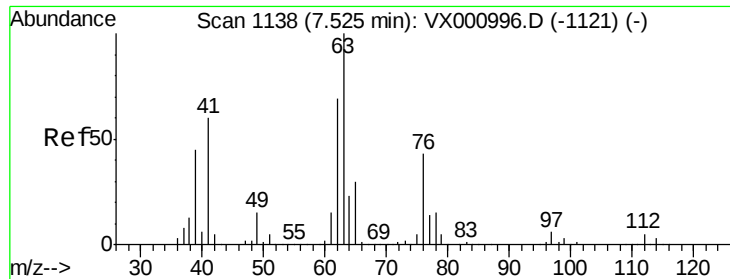


#44

Trichloroethene
 Concen: 18.88 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	184.2





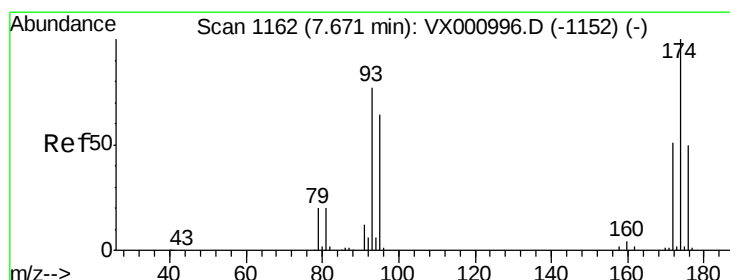
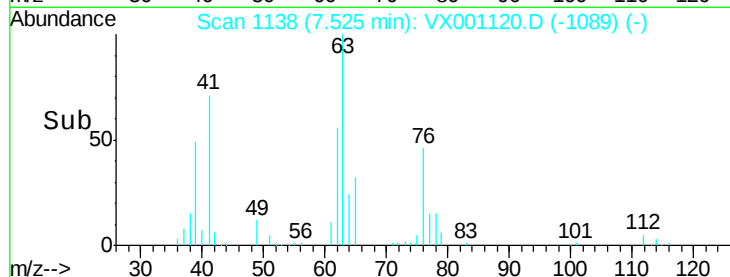
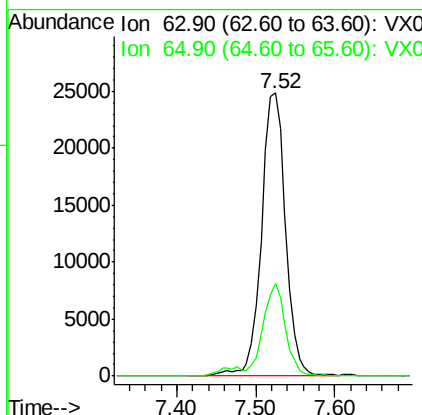
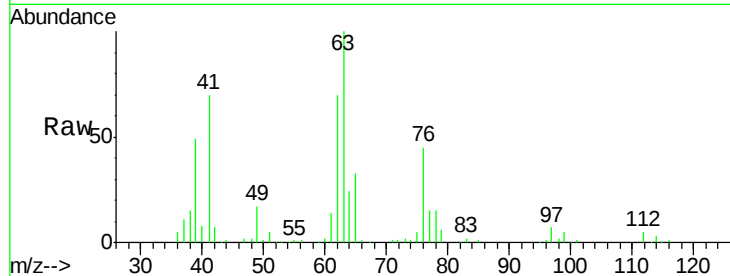
#45
 1,2-Dichloropropane
 Concen: 20.52 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Instrument :
 MSVOA_X
 ClientSampled :
 VX0425MBS01

Tot Ion: 63 Resp: 53036
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.4 36.6

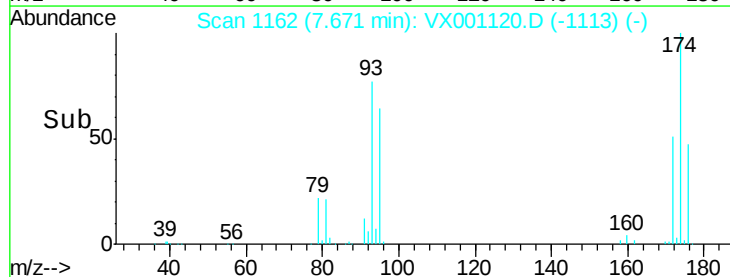
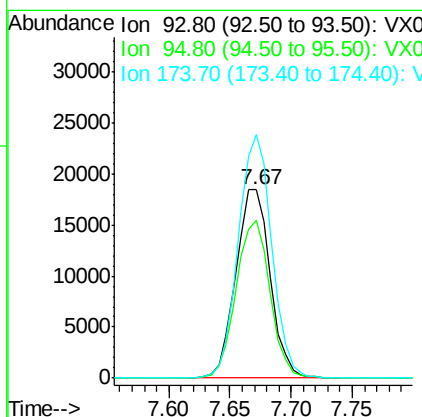
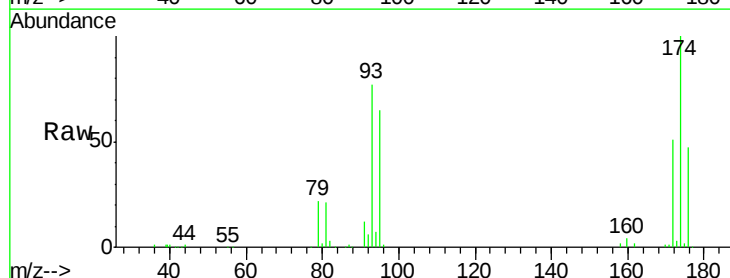
Manual Integrations
 APPROVED

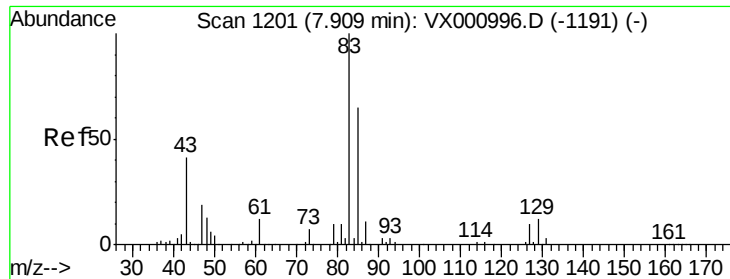
Sohil
 4/27/2018 1:46:49 AM



#46
 Dibromomethane
 Concen: 19.93 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Tgt Ion: 93 Resp: 35994
 Ion Ratio Lower Upper
 93 100
 95 82.7 66.7 100.1
 174 125.8 101.8 152.6





#47

Bromodichloromethane

Concen: 19.50 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

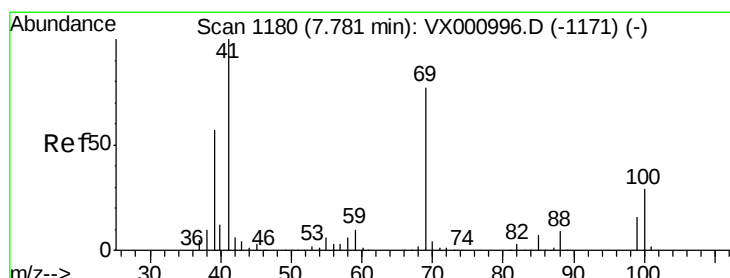
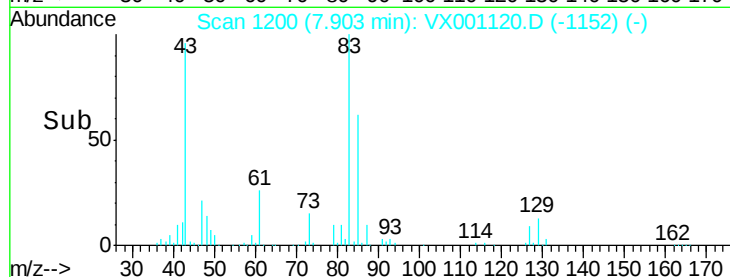
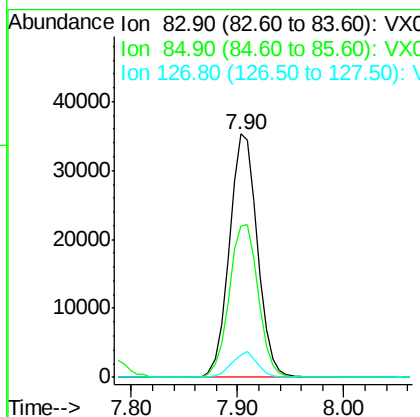
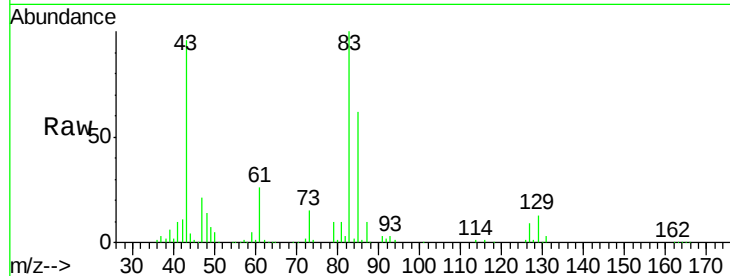
ClientSampleId :

VX0425MBS01

Tot Ion:	83	Resp:	65233
Ion	Ratio	Lower	Upper
83	100		
85	62.3	52.3	78.5
127	9.4	7.8	11.6

Manual Integrations
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Sohil
4/27/2018 1:46:49 AM



#48

Methyl methacrylate

Concen: 20.58 ug/l

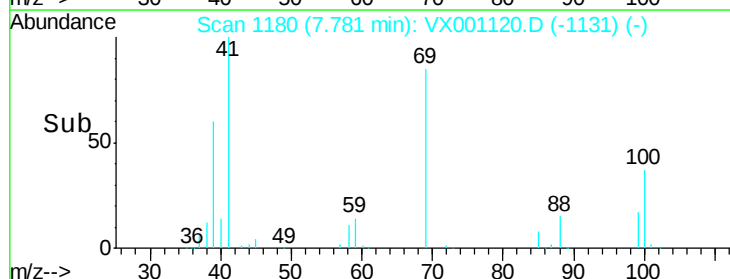
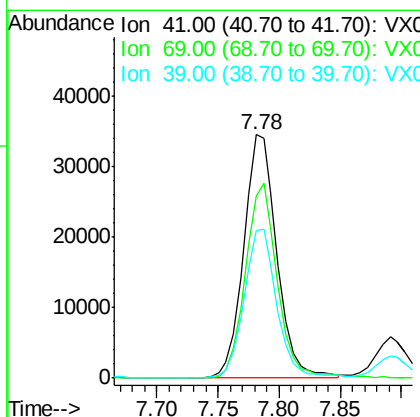
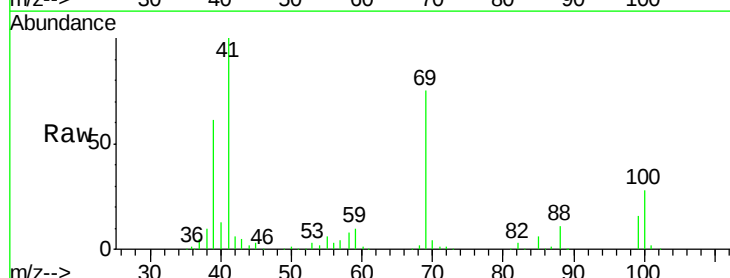
RT: 7.78 min Scan# 1180

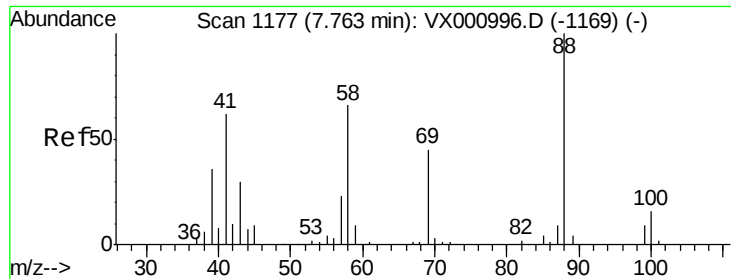
Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Tgt Ion:	41	Resp:	64454
Ion	Ratio	Lower	Upper
41	100		
69	78.3	62.6	94.0
39	61.3	45.3	67.9





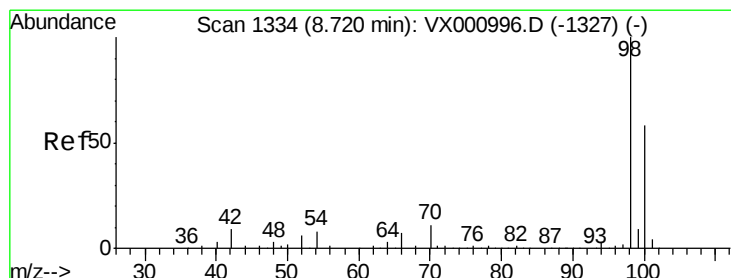
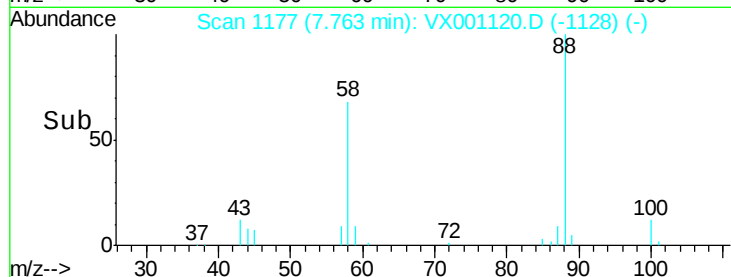
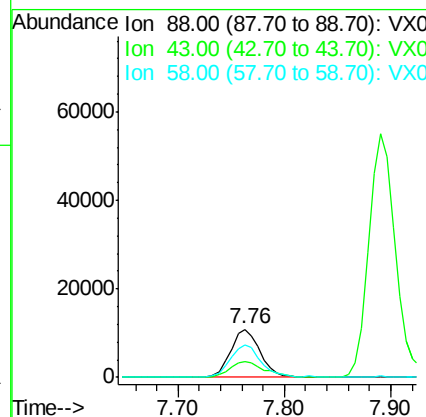
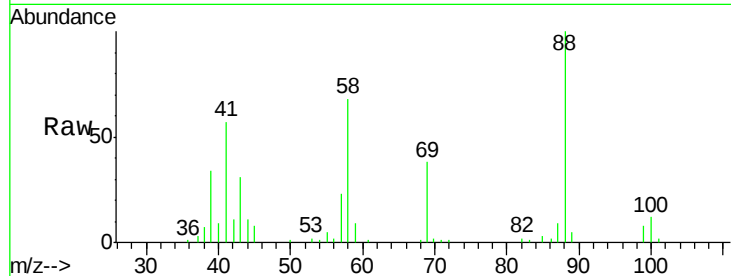
#49
1,4-Dioxane
Concen: 455.90 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.4	29.2	43.8
58	71.2	55.0	82.6

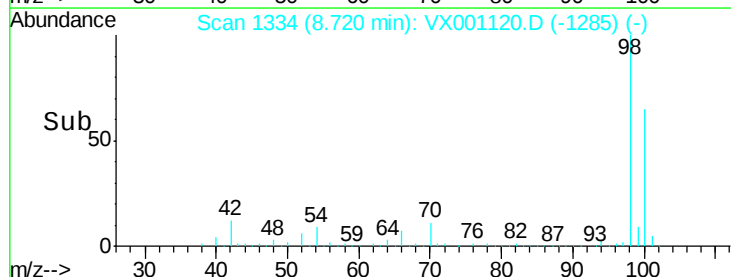
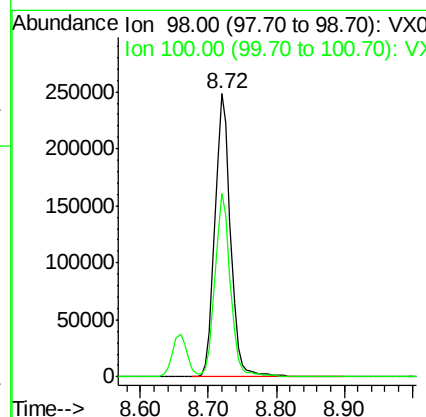
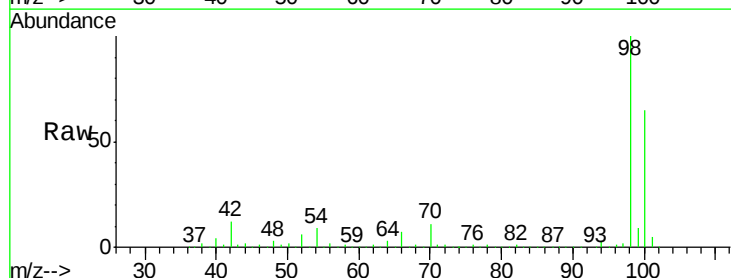
Manual Integrations
APPROVED

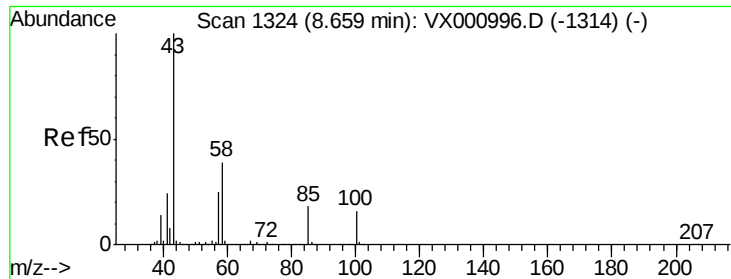
Sohil
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#50
Toluene-d8
Concen: 44.82 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 111.14 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampled :

VX0425MBS01

Tot Ion: 43 Resp: 392571

Ion Ratio Lower Upper

43 100

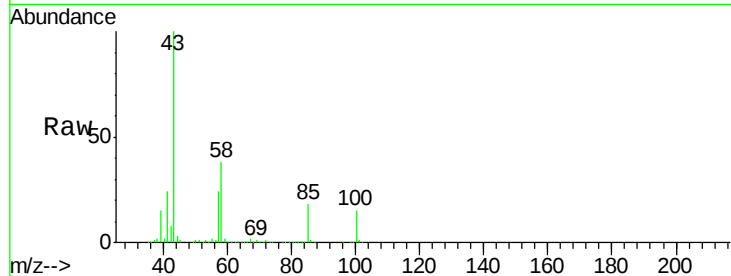
58 36.4 30.2 45.4

Manual Integrations

APPROVED

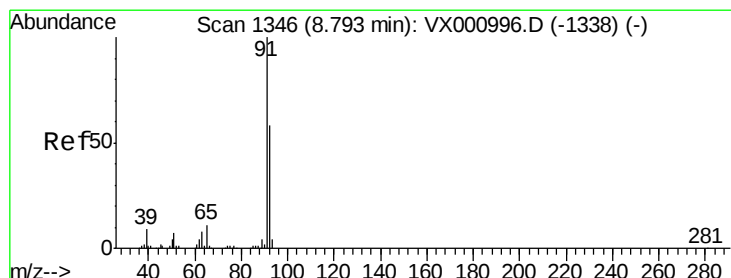
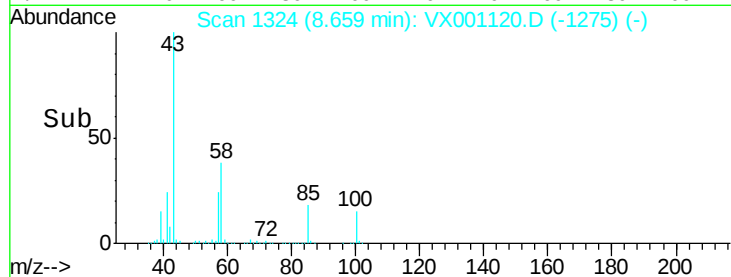
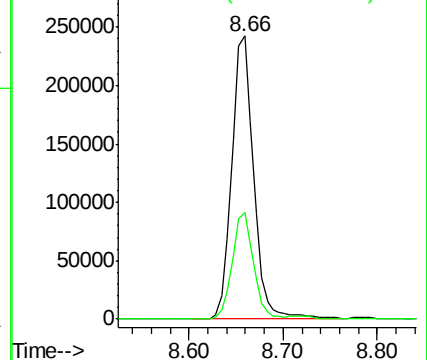
Sohil

4/27/2018 1:46:49 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.51 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001120.D

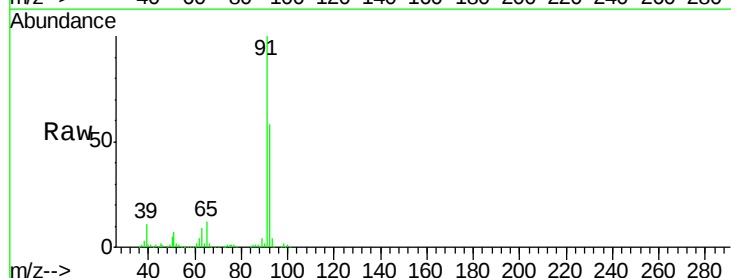
Acq: 25 Apr 2018 15:17

Tgt Ion: 92 Resp: 130845

Ion Ratio Lower Upper

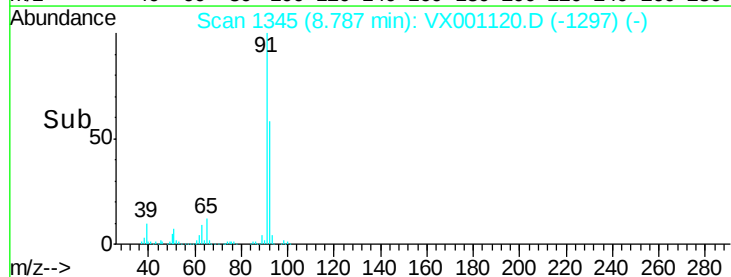
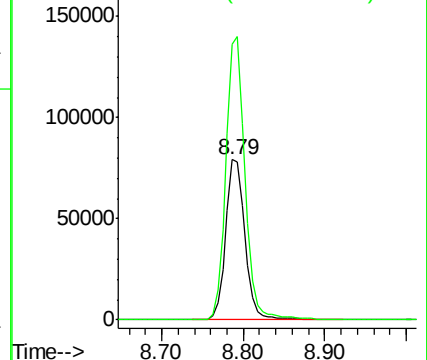
92 100

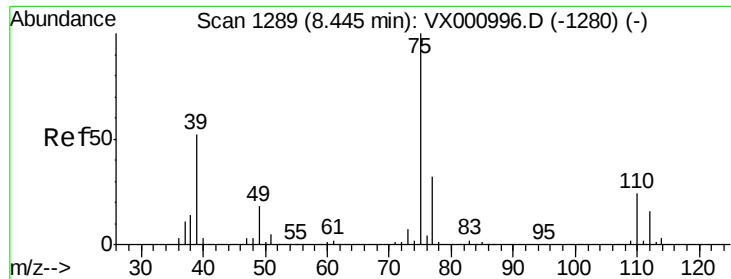
91 174.7 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





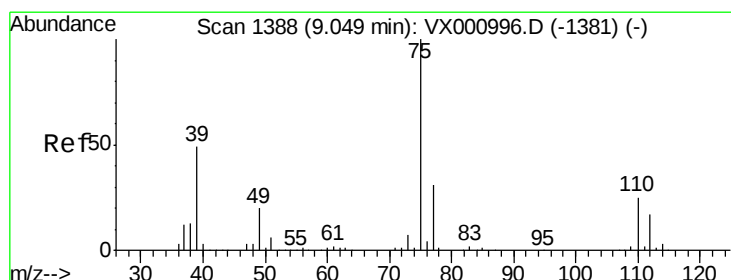
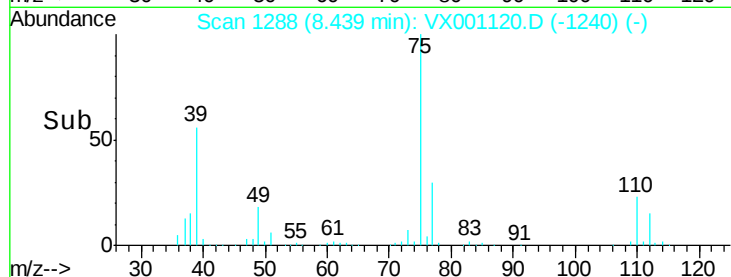
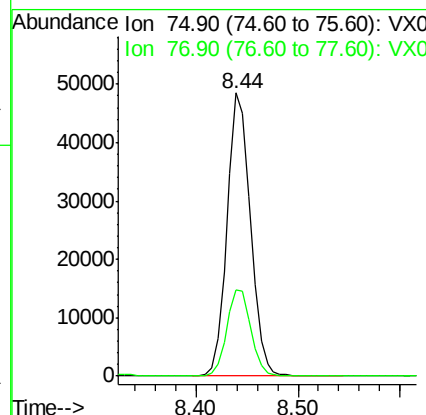
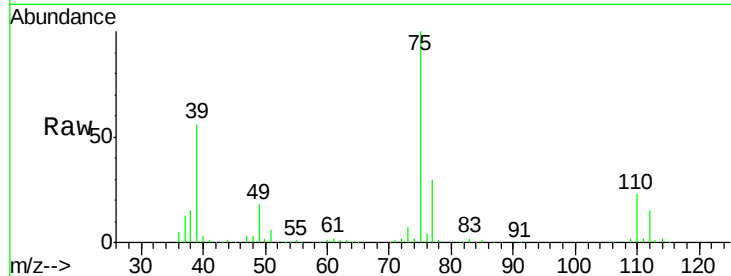
#53
 t-1,3-Dichloropropene
 Concen: 19.29 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. -0.01 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Tot Ion: 75 Resp: 77157
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.8 38.6

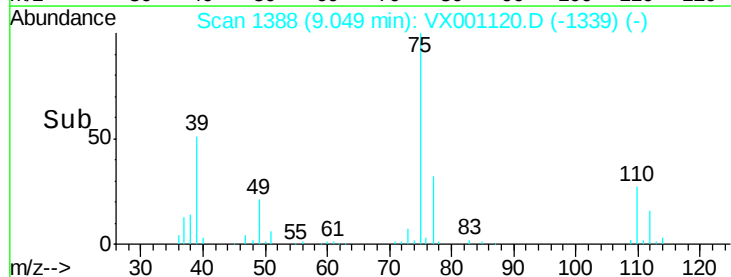
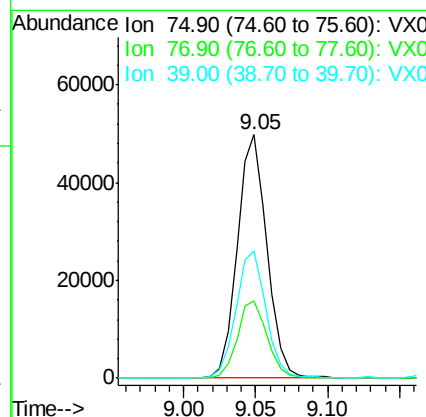
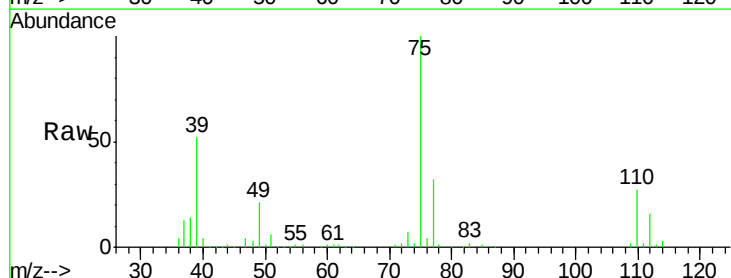
Manual Integrations
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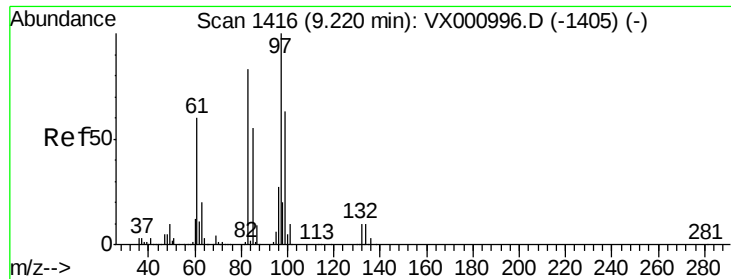
Sohil
 4/27/2018 1:46:49 AM



#54
 cis-1,3-Dichloropropene
 Concen: 18.86 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Tgt Ion: 75 Resp: 71126
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.6
 39 51.9 39.2 58.8





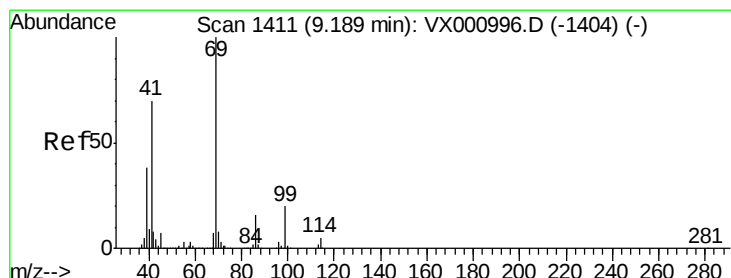
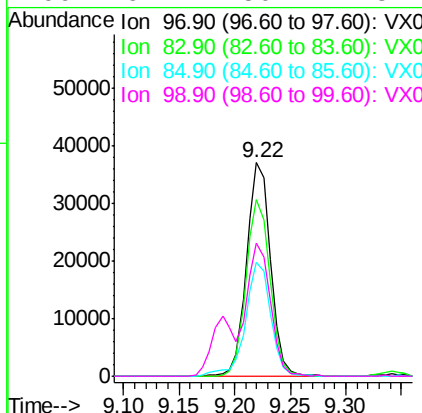
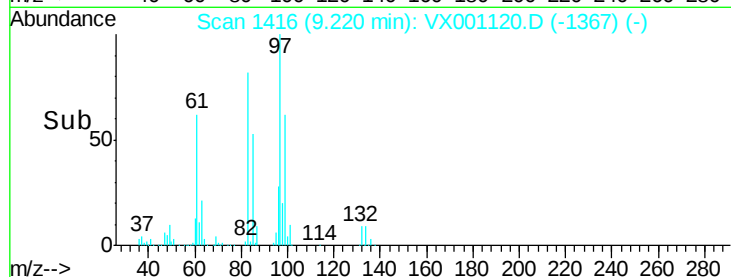
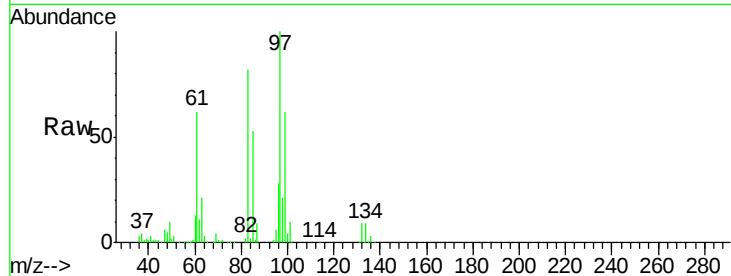
#55
 1,1,2-Trichloroethane
 Concen: 20.83 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		55544		
83	82.5	66.2	99.4		
85	53.3	44.2	66.4		
99	62.1	50.2	75.4		

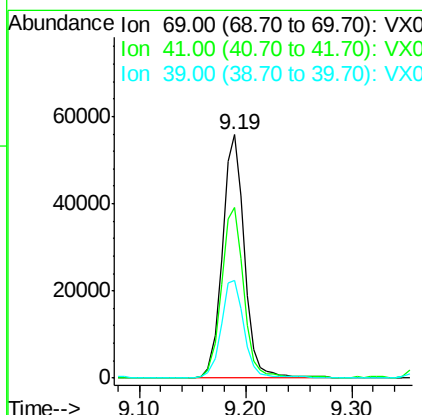
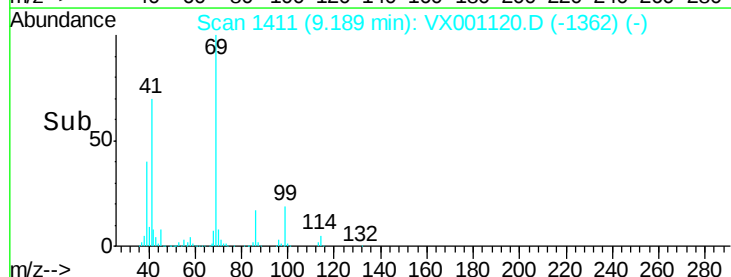
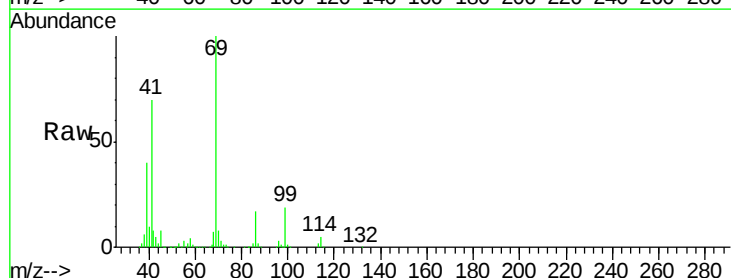
Manual Integrations
 APPROVED

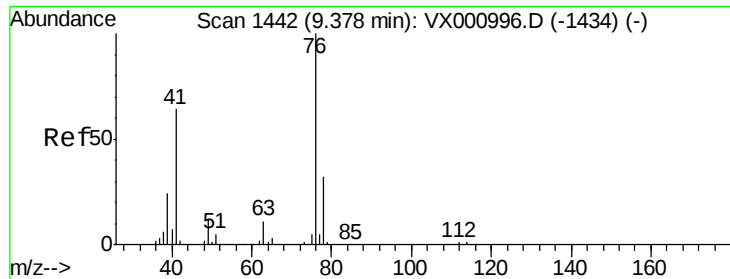
Sohil
 4/27/2018 1:46:49 AM



#56
 Ethyl methacrylate
 Concen: 20.69 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		81005		
41	70.6	56.3	84.5		
39	41.2	30.4	45.6		





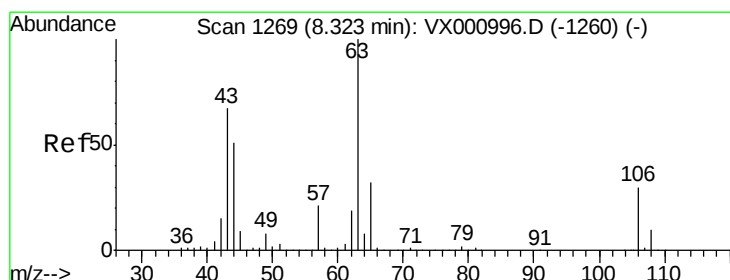
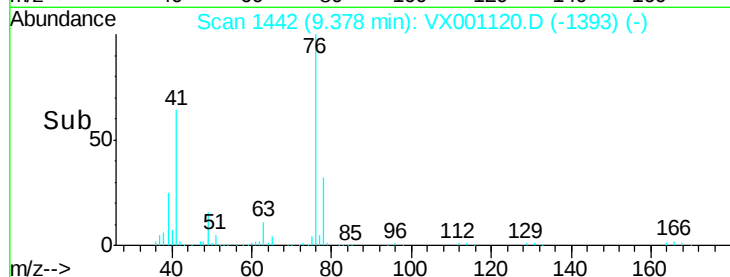
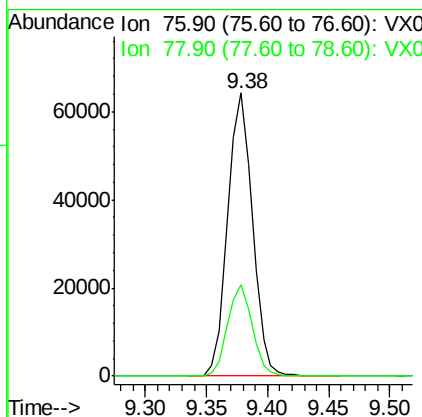
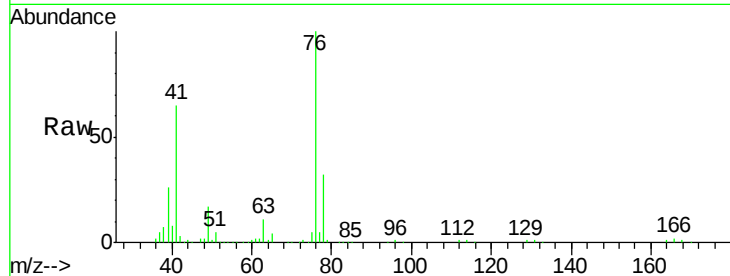
#57
 1,3-Dichloropropane
 Concen: 20.43 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.8	38.6

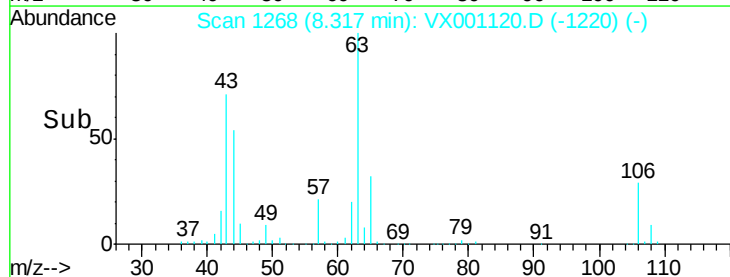
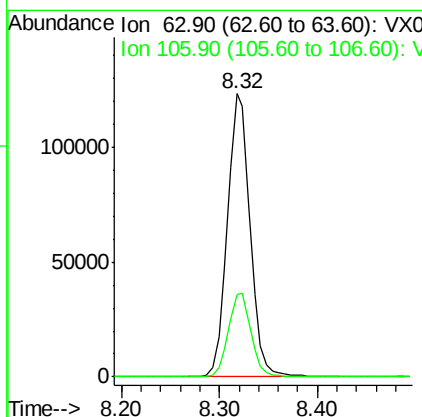
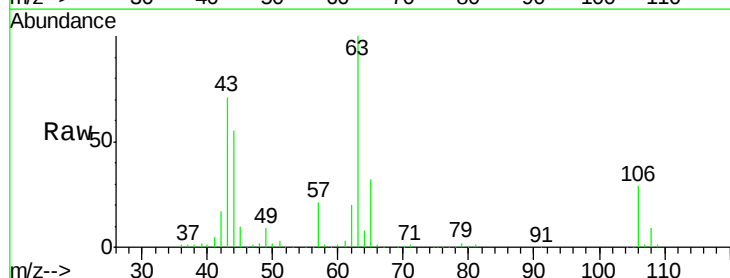
Manual Integrations
 APPROVED

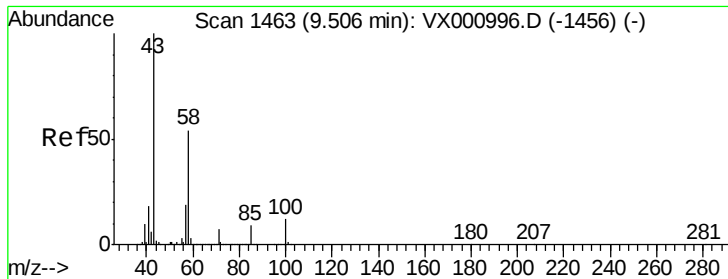
Sohil
 4/27/2018 1:46:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.26 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.8	35.6





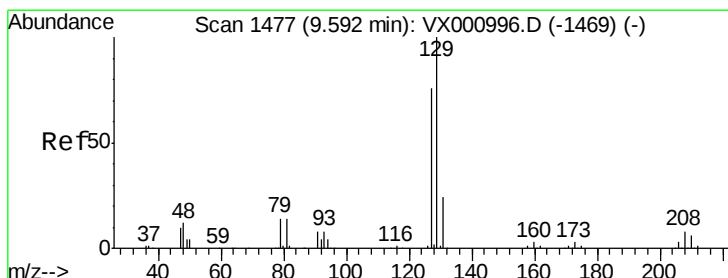
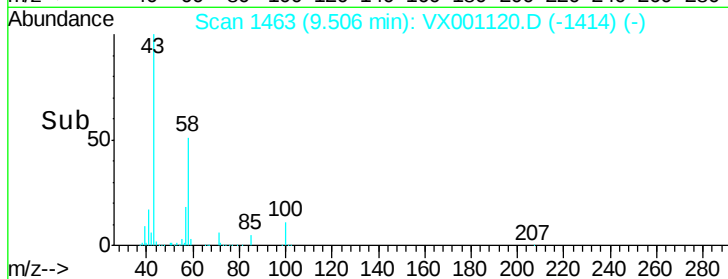
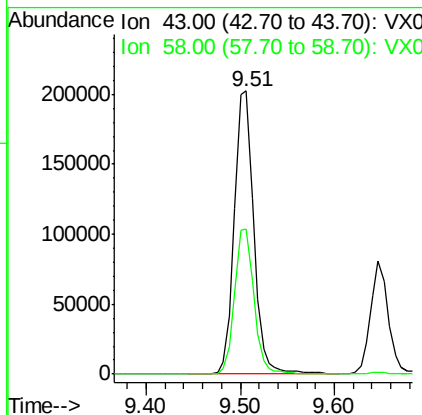
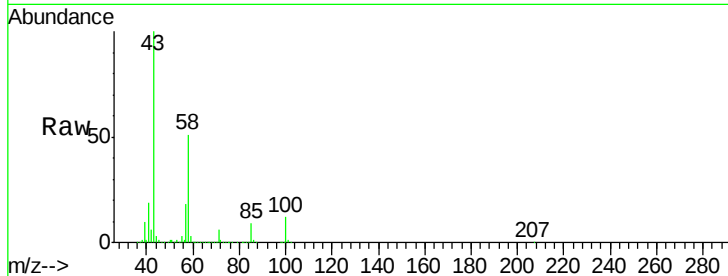
#59
2-Hexanone
Concen: 107.66 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.4	26.3	78.9

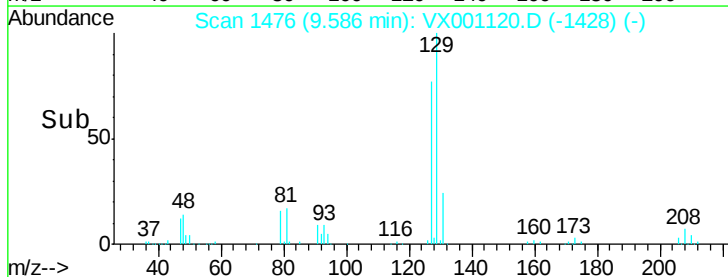
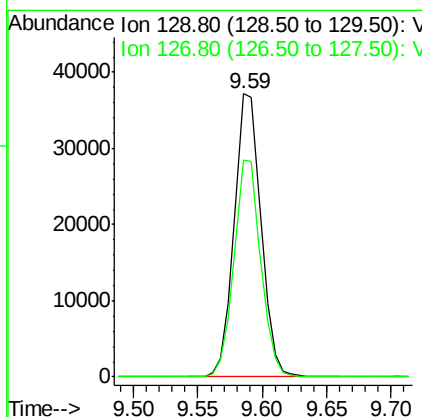
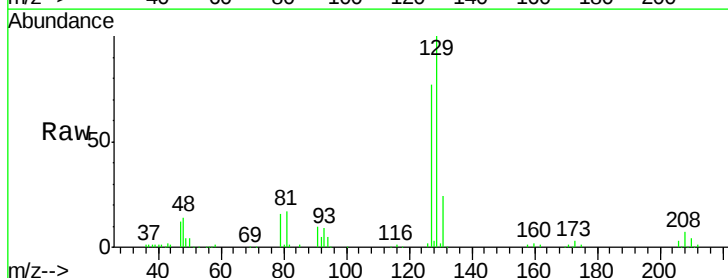
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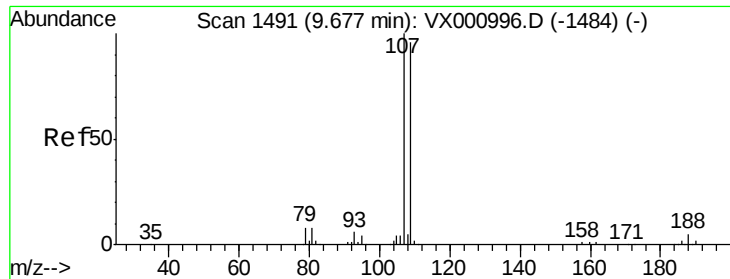
Sohil
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#60
Dibromochloromethane
Concen: 19.33 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.6	115.8





#61

1,2-Dibromoethane

Concen: 20.39 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion:107 Resp: 57377

Ion Ratio Lower Upper

107 100

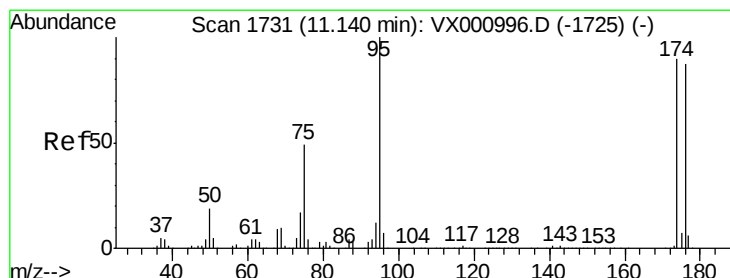
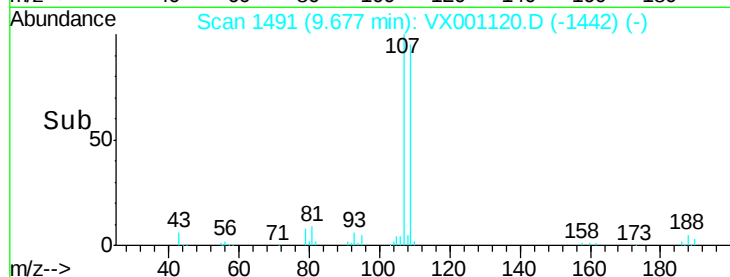
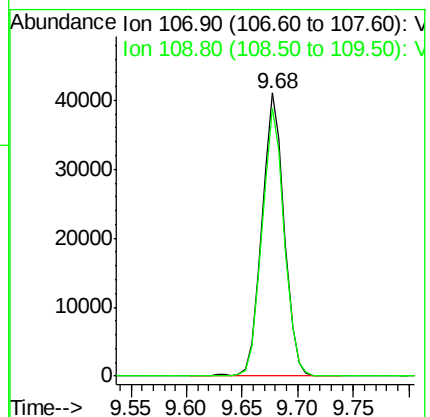
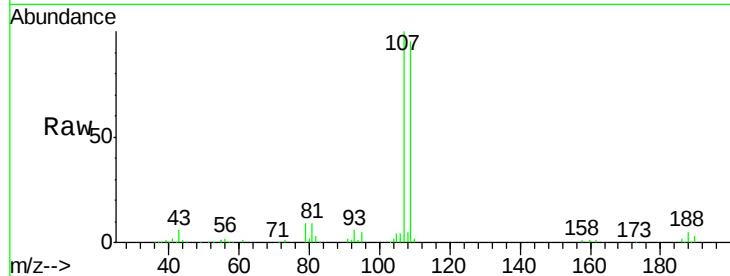
109 95.0 76.0 114.0

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#62

4-Bromofluorobenzene

Concen: 44.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

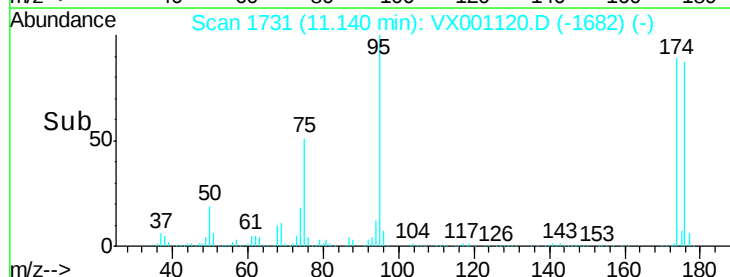
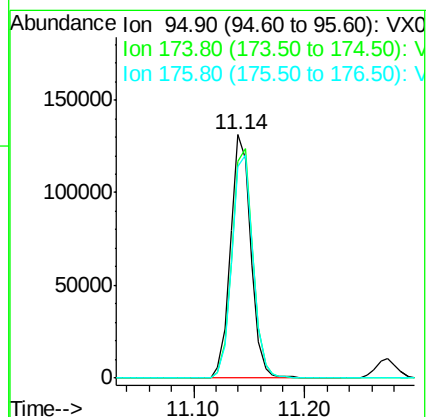
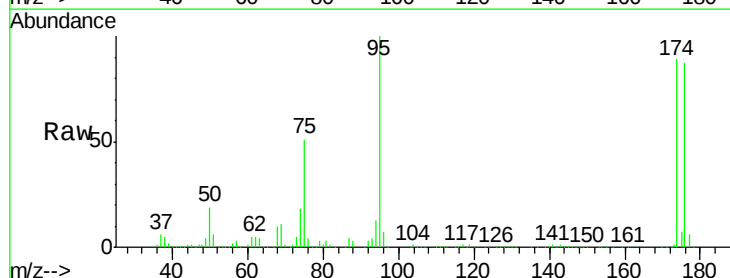
Tgt Ion: 95 Resp: 166161

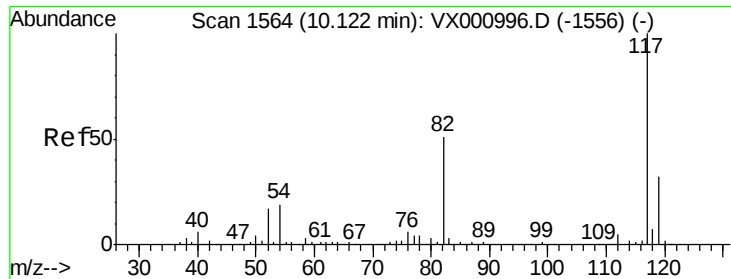
Ion Ratio Lower Upper

95 100

174 96.9 0.0 198.4

176 94.4 0.0 192.0





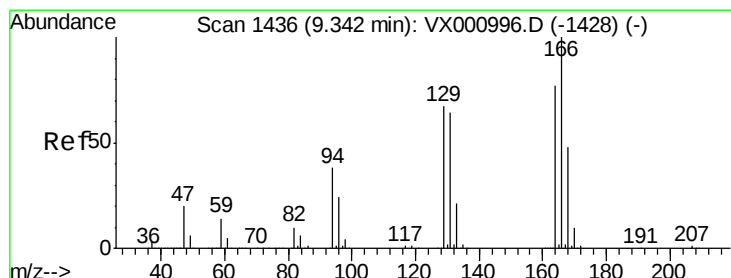
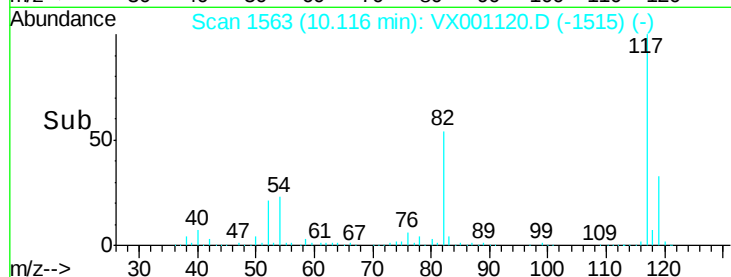
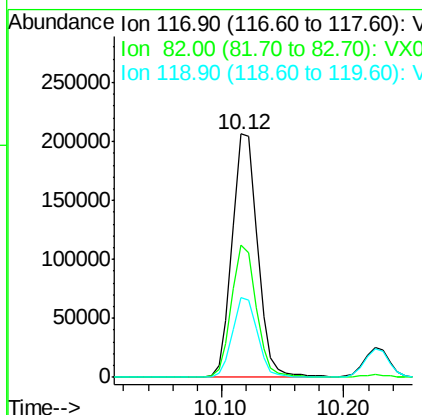
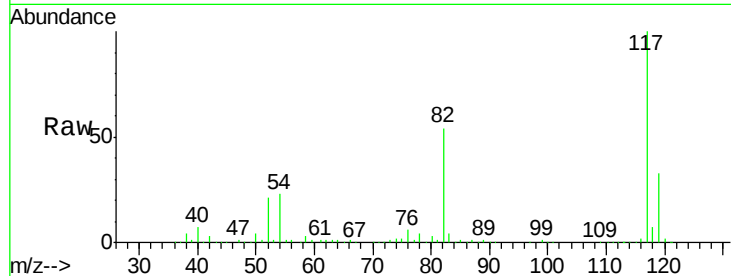
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampled :
VX0425MBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.4	40.6	60.8
119	32.9	26.0	39.0

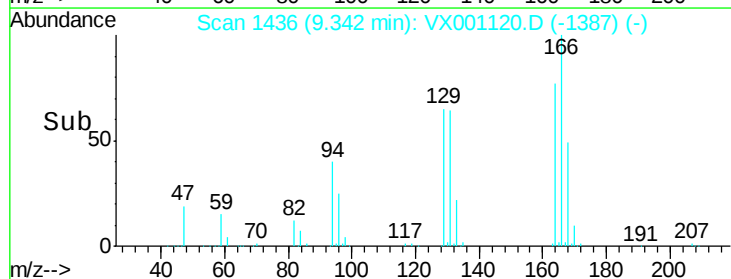
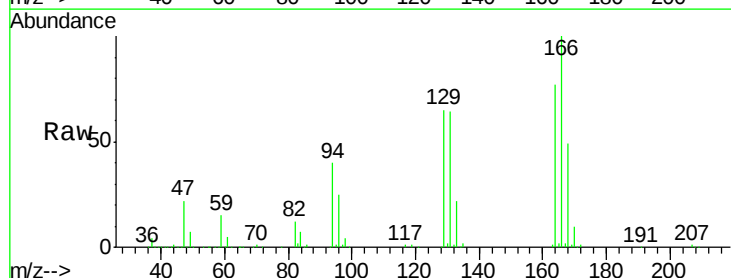
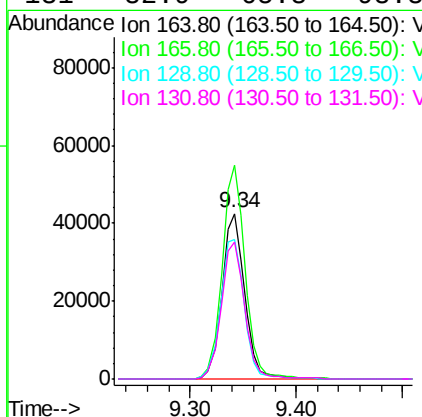
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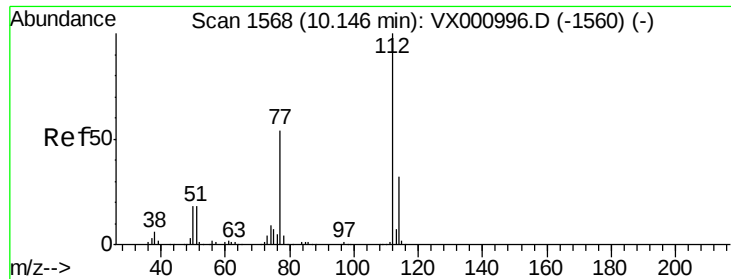
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#64
Tetrachloroethene
Concen: 20.07 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.1	103.5	155.3
129	84.0	69.6	104.4
131	82.9	65.8	98.8





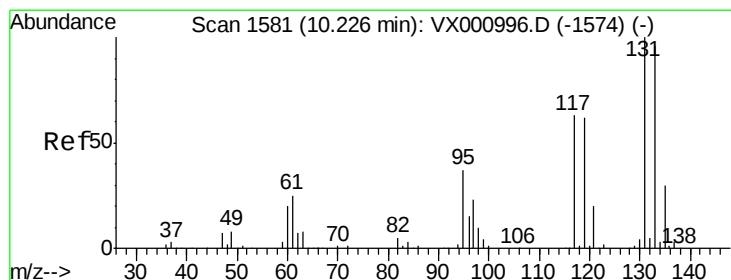
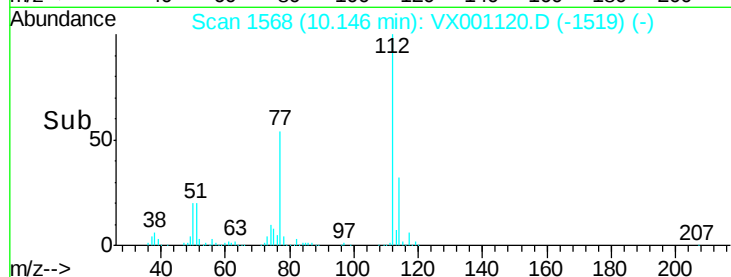
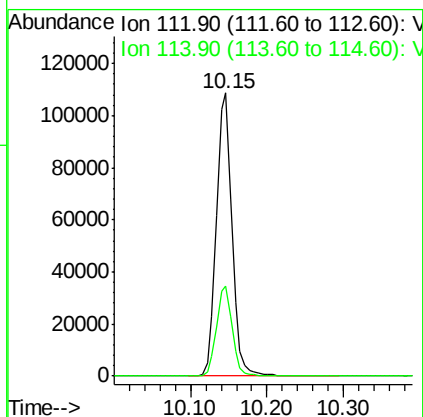
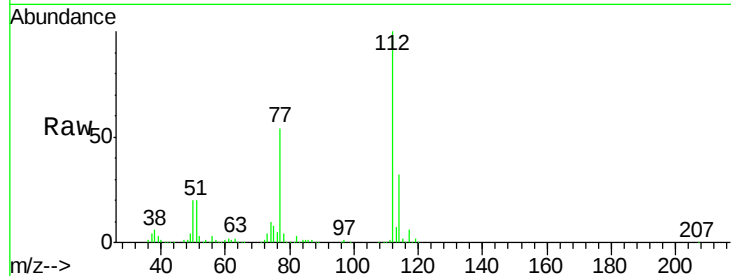
#65
Chlorobenzene
Concen: 19.43 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

Tot Ion:112 Resp: 153757
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

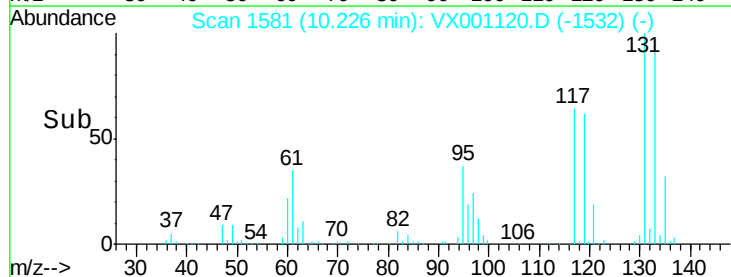
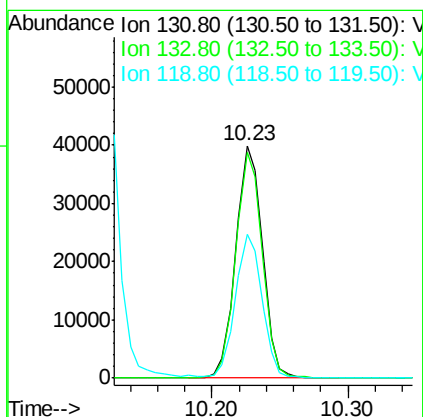
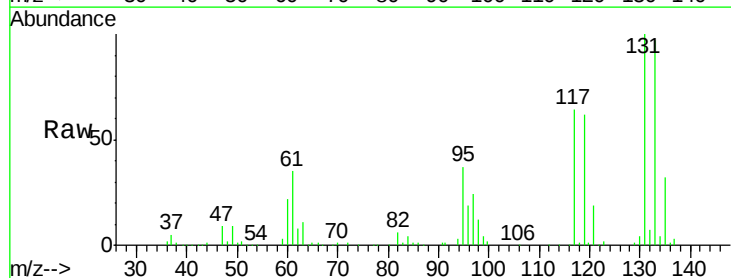
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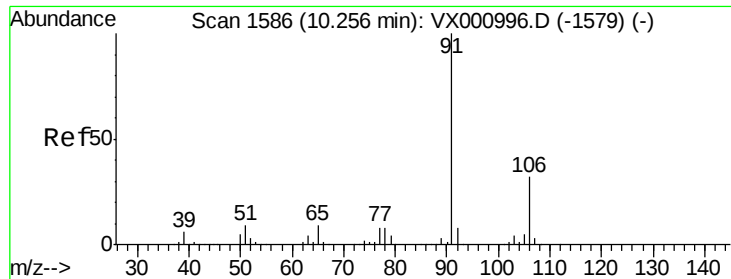
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.10 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion:131 Resp: 54596
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.8
119 62.2 31.1 93.2





#67

Ethyl Benzene

Concen: 19.47 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 91 Resp: 255906

Ion Ratio Lower Upper

91 100

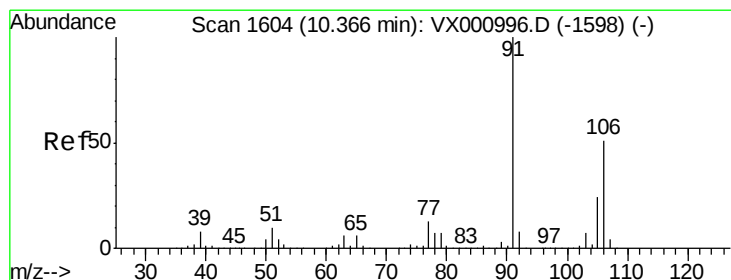
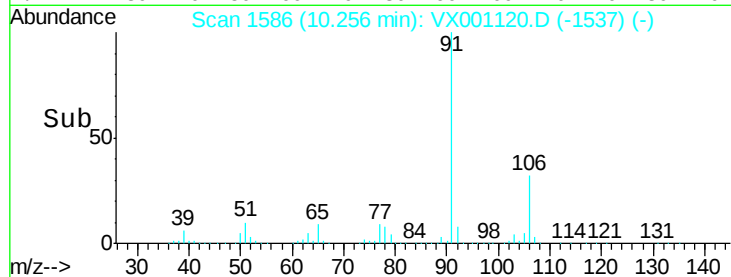
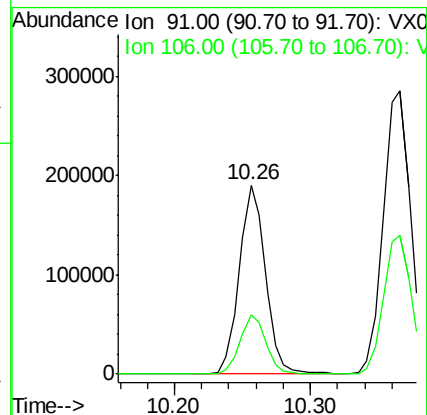
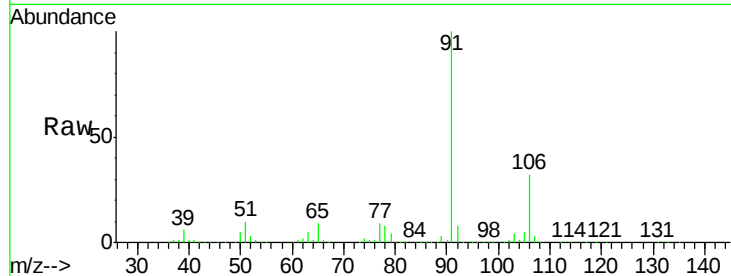
106 31.6 25.7 38.5

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#68

m/p-Xylenes

Concen: 38.73 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VX001120.D

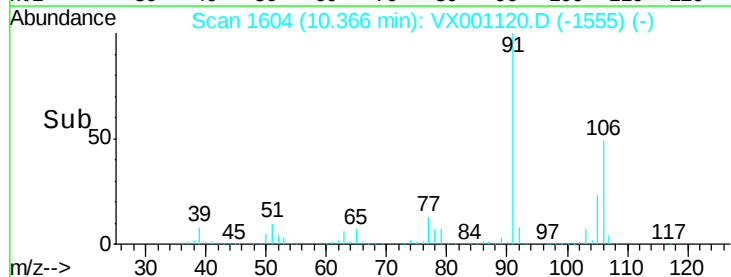
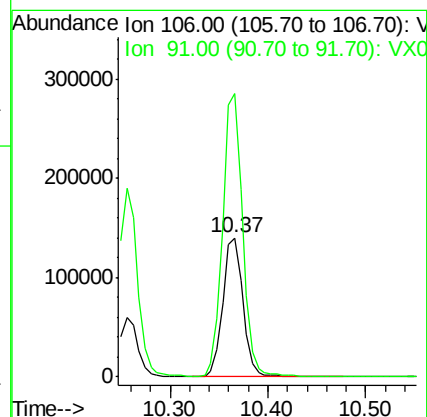
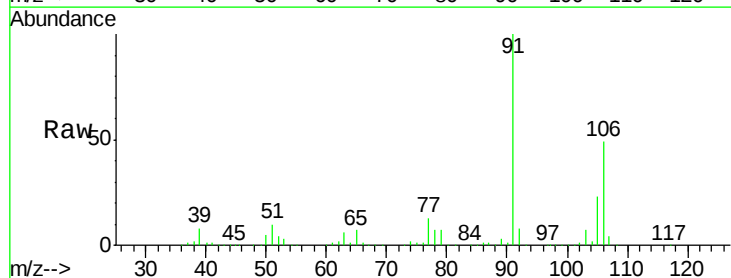
Acq: 25 Apr 2018 15:17

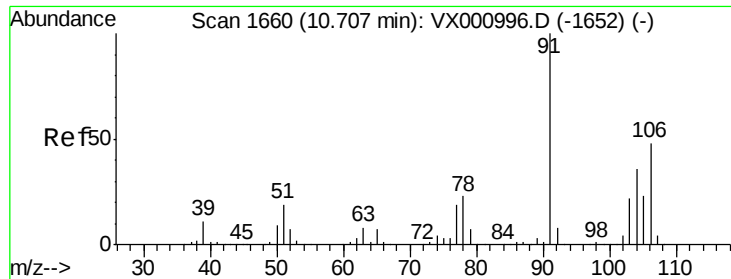
Tgt Ion: 106 Resp: 200569

Ion Ratio Lower Upper

106 100

91 203.0 159.3 238.9





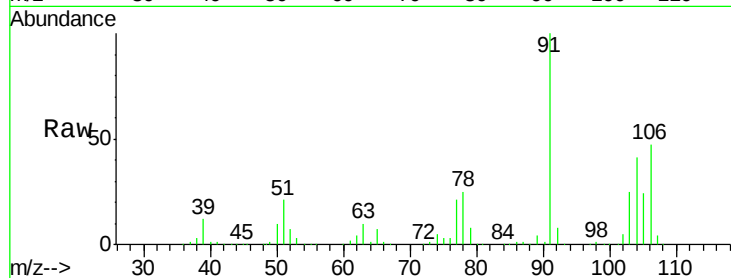
#69
o-Xylene
Concen: 19.60 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

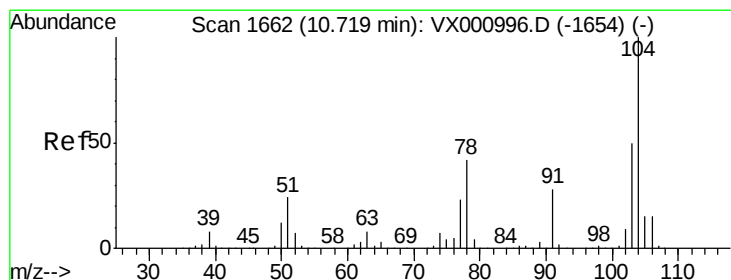
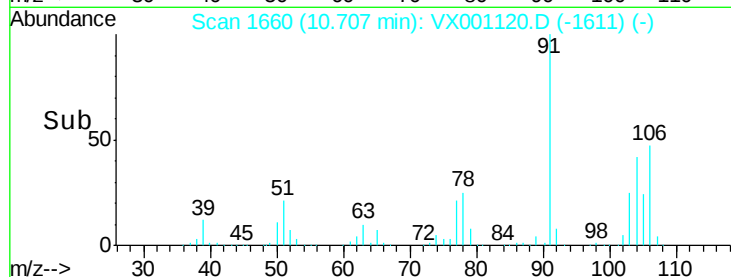
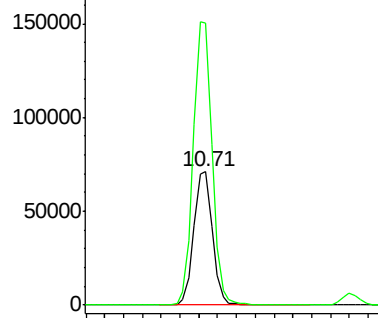
Tot Ion:106 Resp: 97848
Ion Ratio Lower Upper
106 100
91 215.2 105.1 315.1

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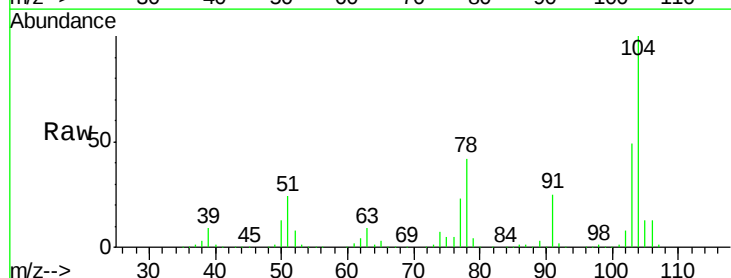


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

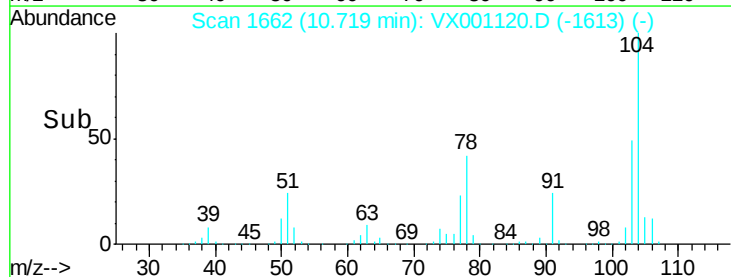
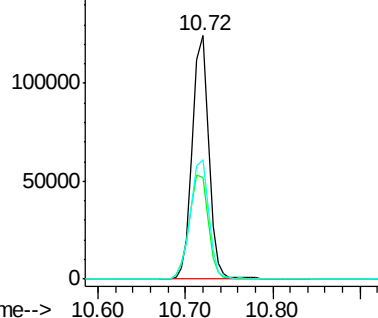


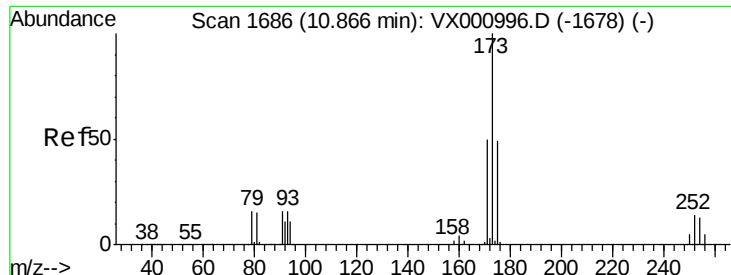
#70
Styrene
Concen: 19.74 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion:104 Resp: 162369
Ion Ratio Lower Upper
104 100
78 49.8 39.4 59.2
103 55.2 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





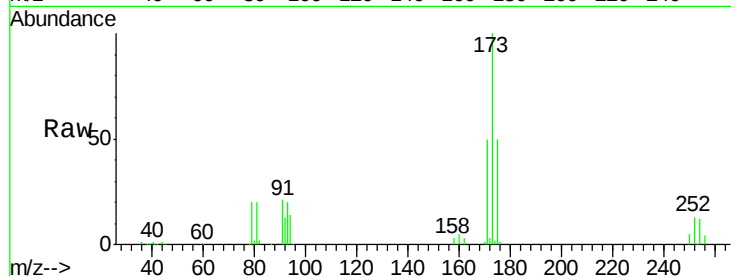
#71
Bromoform
Concen: 18.19 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

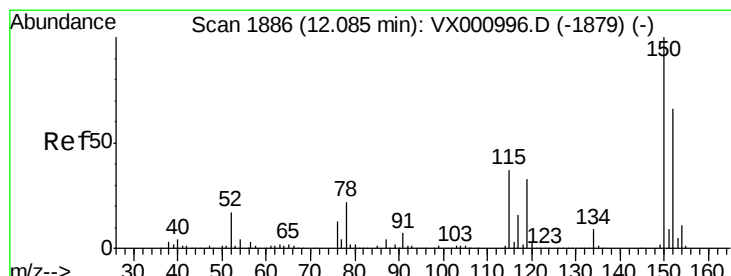
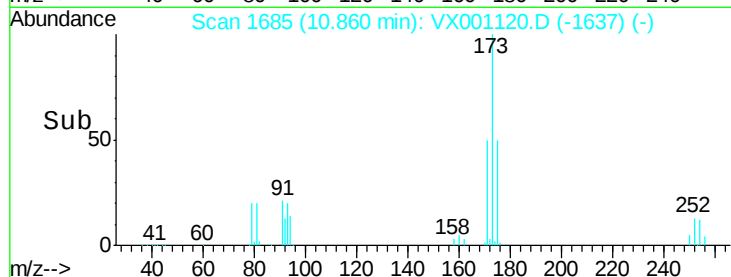
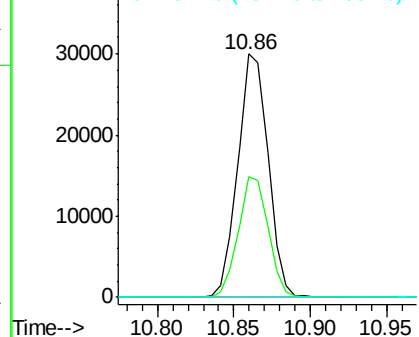
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	24.8	74.3
254	0.0	0.2	0.2#

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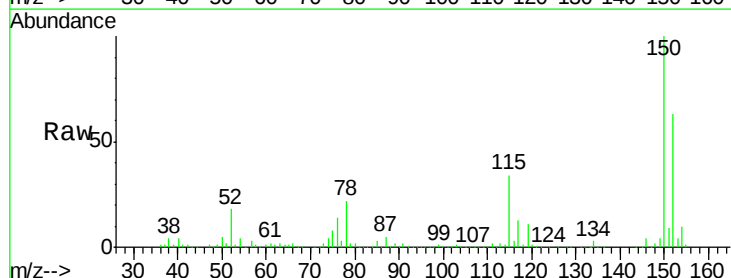


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

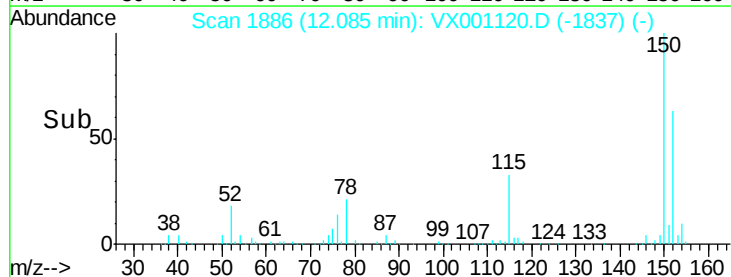
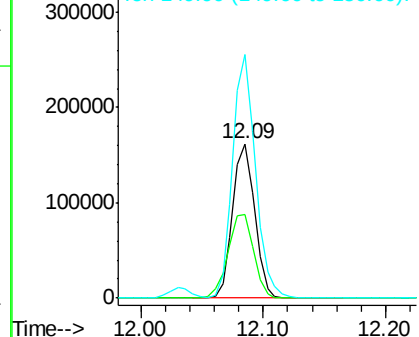


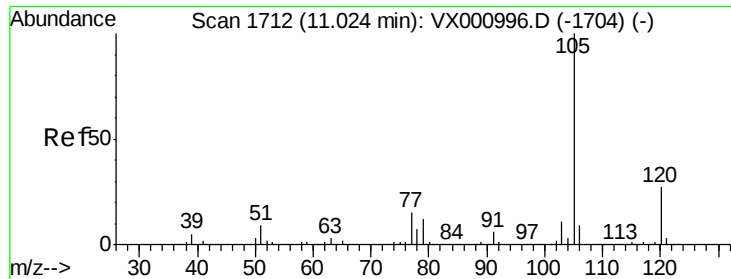
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.1	38.2	114.6
150	162.9	0.0	350.4



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





#73

Isopropylbenzene

Concen: 20.28 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 105 Resp: 267008

Ion Ratio Lower Upper

105 100

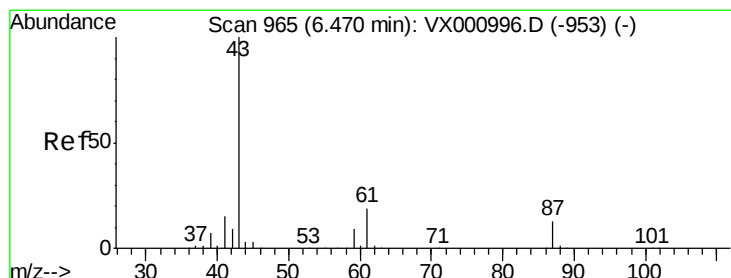
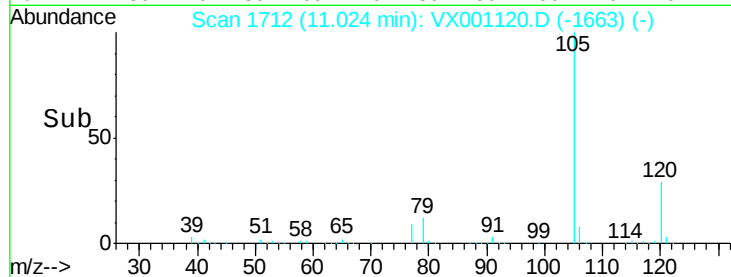
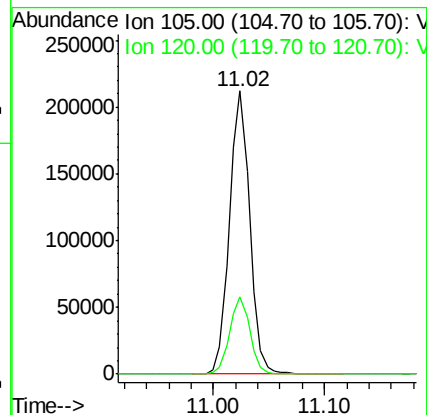
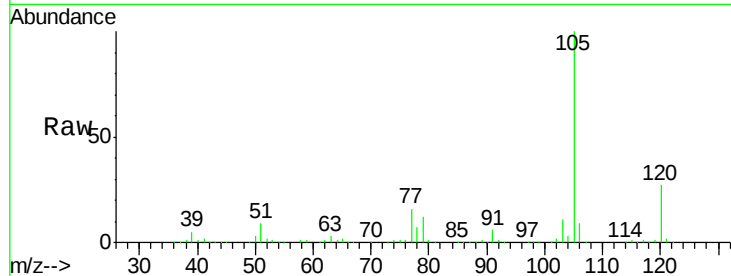
120 27.4 13.4 40.2

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#74

N-ethyl acetate

Concen: 21.22 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Tgt Ion: 43 Resp: 119525

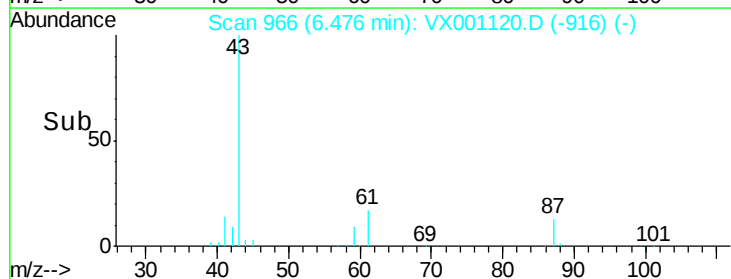
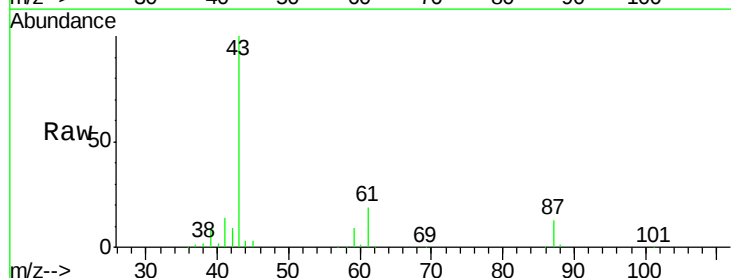
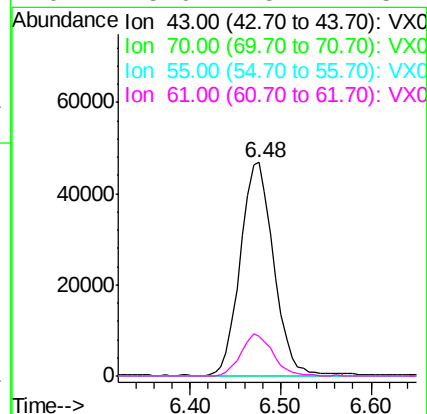
Ion Ratio Lower Upper

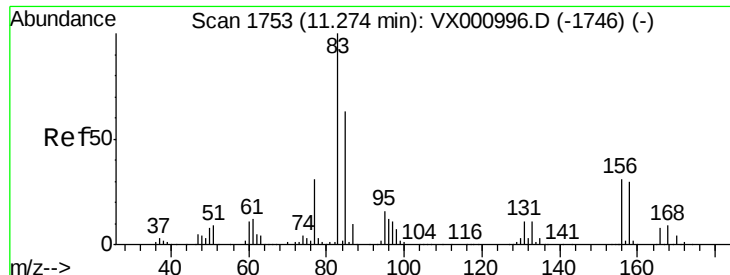
43 100

70 0.0 0.0 0.0#

55 0.1 0.1 0.1#

61 18.9 15.4 23.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.86 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

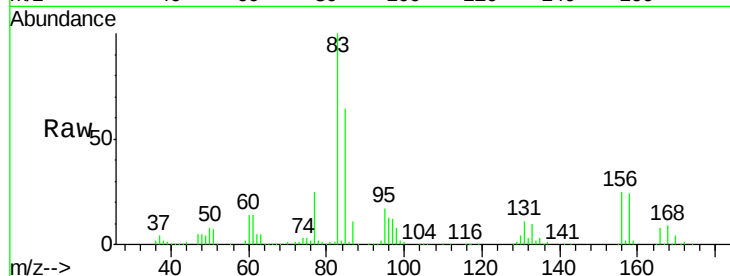
ClientSampleId :

VX0425MBS01

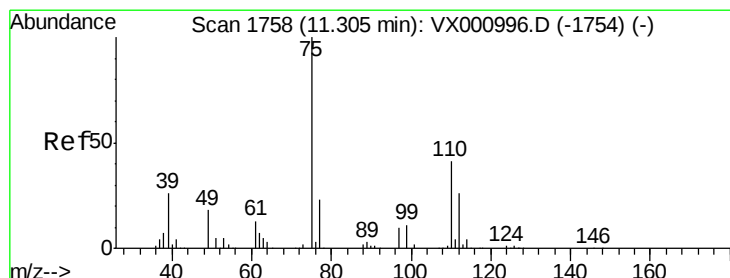
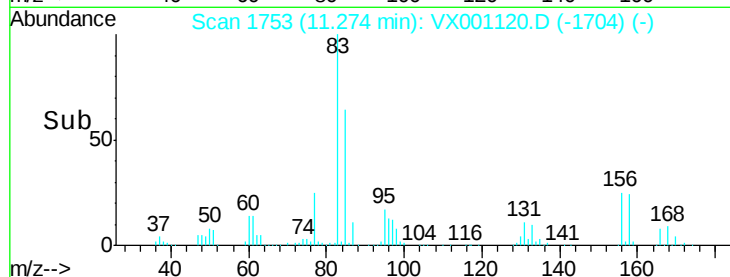
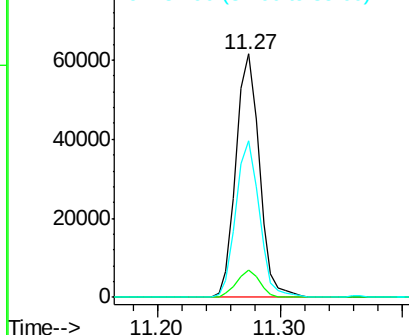
Tot Ion:	83	Resp:	81477
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.8	17.4
85	64.4	32.0	96.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.10 ug/l m

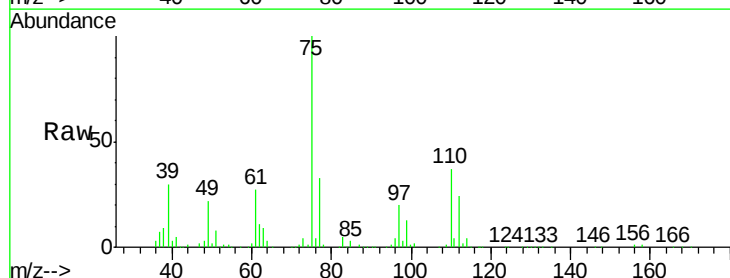
RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

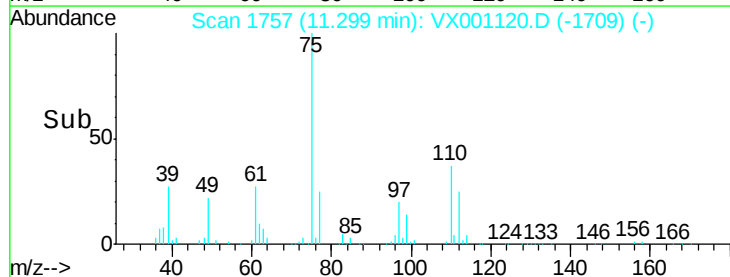
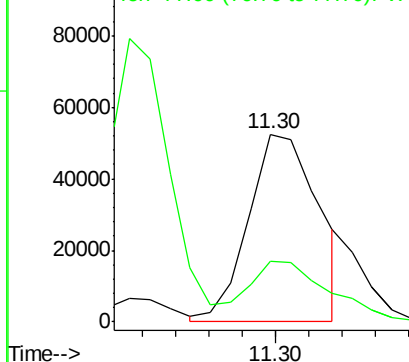
Lab File: VX001120.D

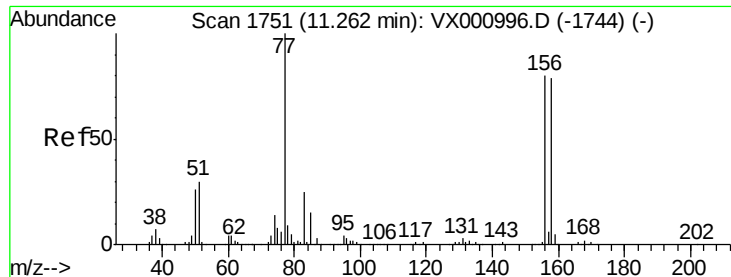
Acq: 25 Apr 2018 15:17

Tgt Ion:	75	Resp:	77252
Ion Ratio	Lower	Upper	
75	100		
77	35.3	19.6	58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.89 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

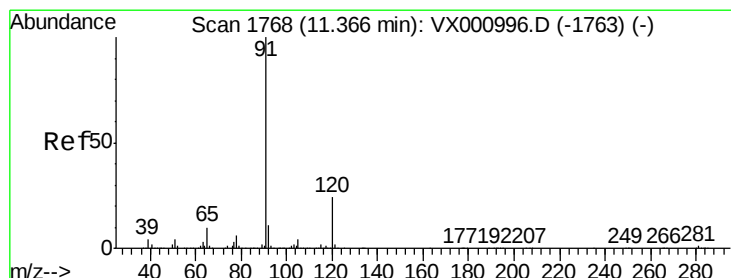
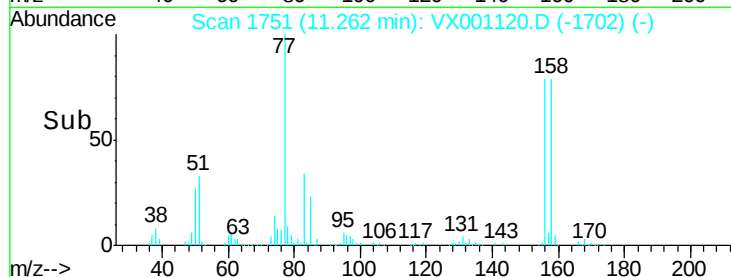
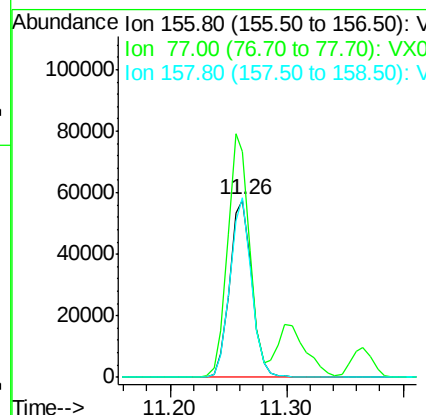
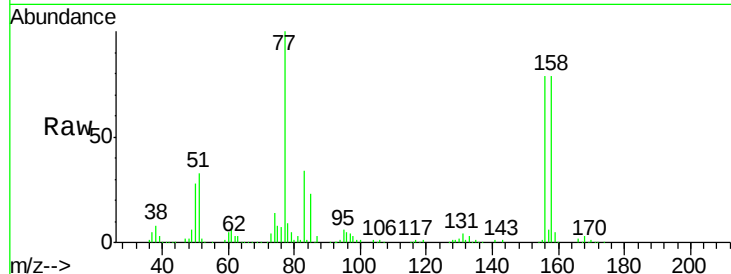
ClientSampleId :

VX0425MBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.3	66.3	199.0
158	97.9	48.9	146.6

Manual Integrations
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#78

n-propylbenzene

Concen: 20.03 ug/l

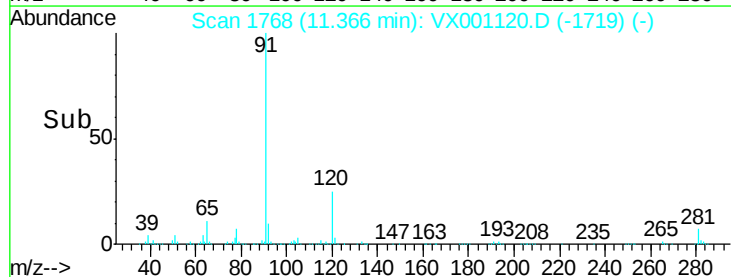
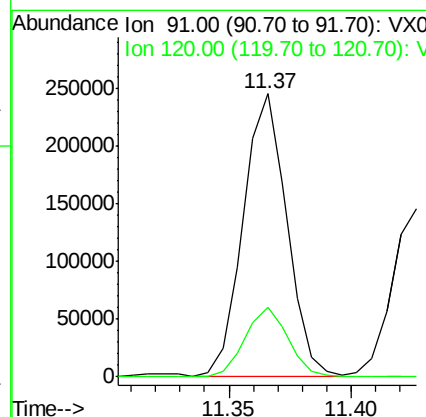
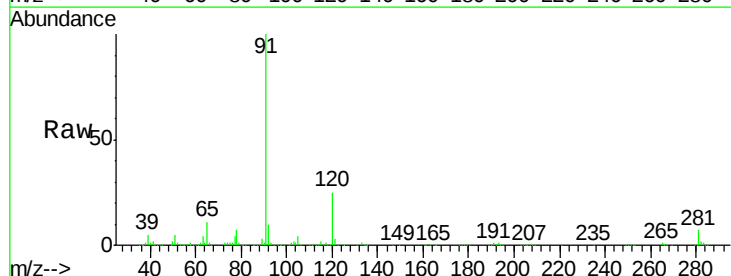
RT: 11.37 min Scan# 1768

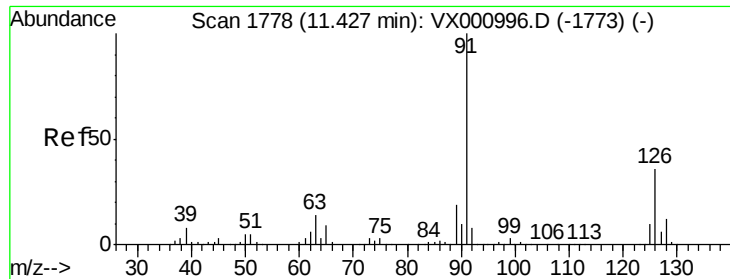
Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.6	12.4	37.0





#79

2-Chlorotoluene

Concen: 20.35 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 91 Resp: 181839

Ion Ratio Lower Upper

91 100

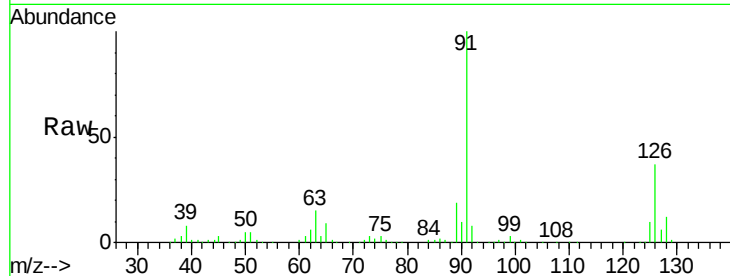
126 36.4 18.3 54.9

Manual Integrations

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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

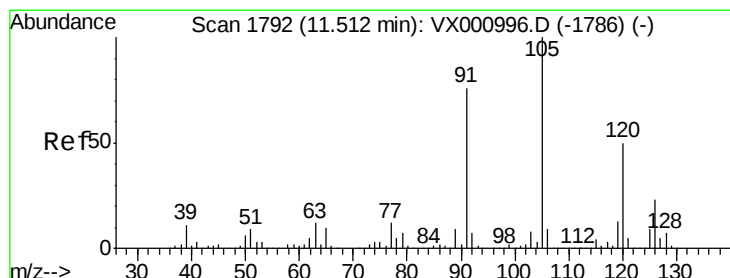
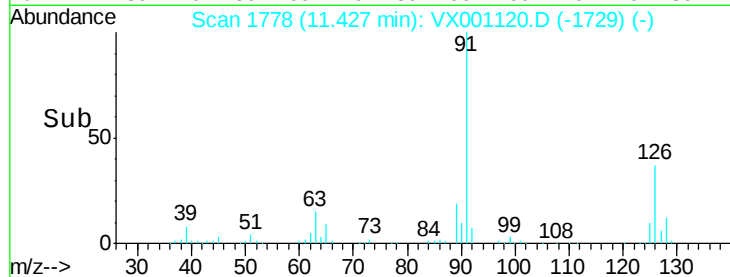
100000

50000

0

11.40 11.43 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.39 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001120.D

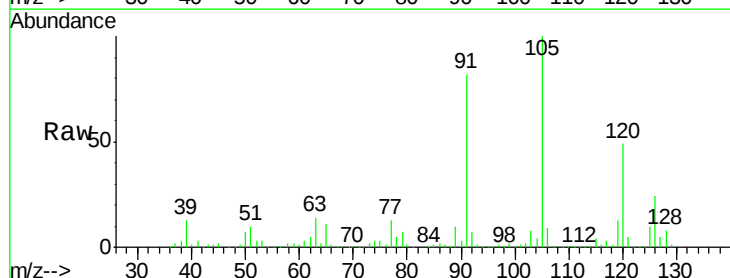
Acq: 25 Apr 2018 15:17

Tgt Ion:105 Resp: 227580

Ion Ratio Lower Upper

105 100

120 49.3 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

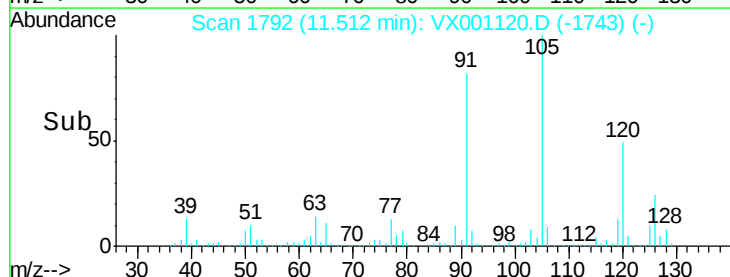
100000

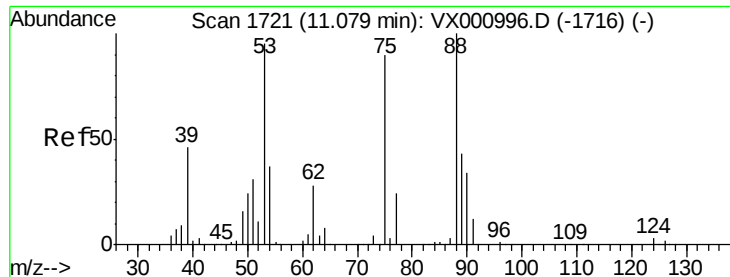
50000

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: 17.00 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampleId :

VX0425MBS01

Tot Ion: 75 Resp: 16753

Ion Ratio Lower Upper

75 100

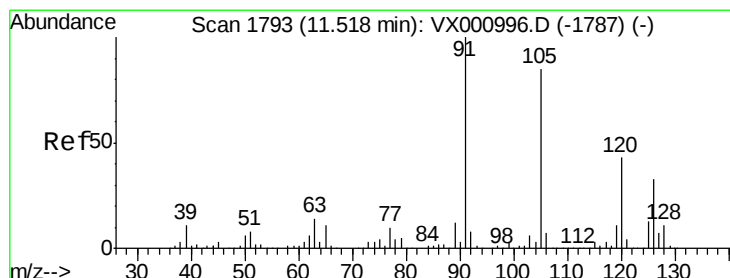
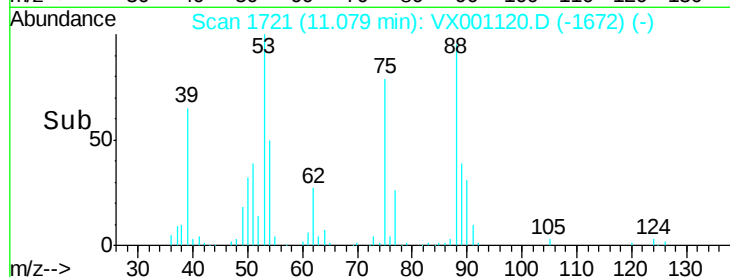
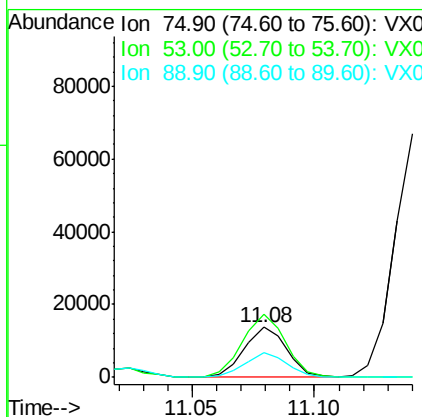
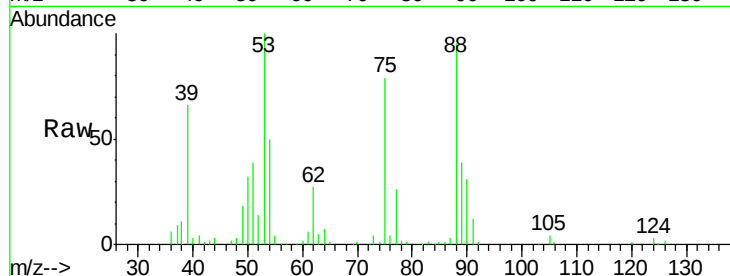
53 127.6 83.4 125.2#

89 49.4 39.7 59.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.05 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001120.D

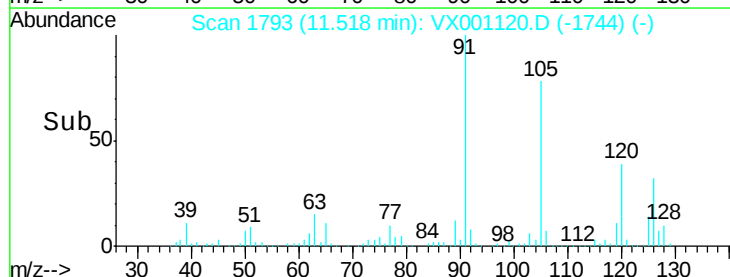
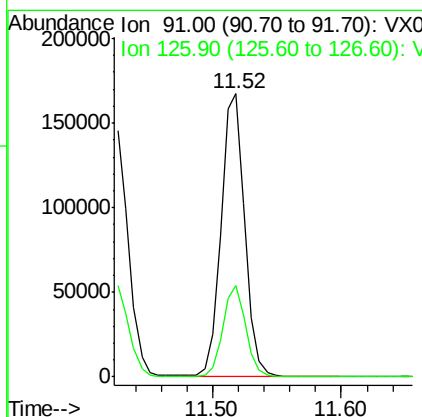
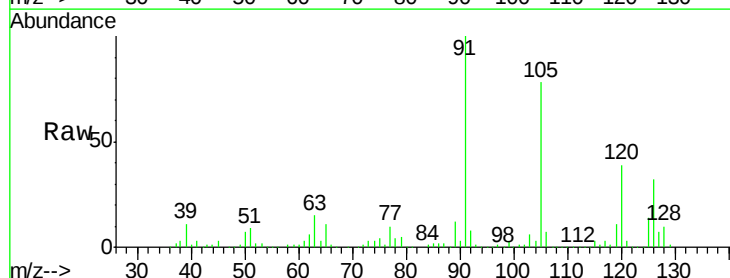
Acq: 25 Apr 2018 15:17

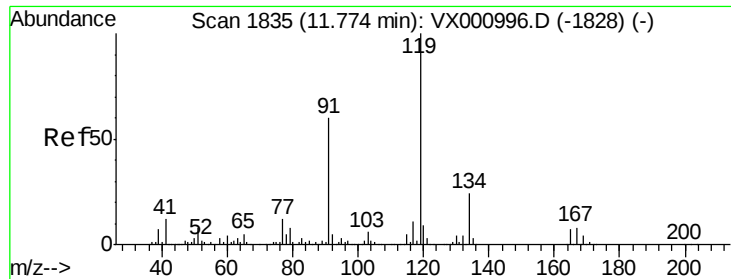
Tgt Ion: 91 Resp: 216383

Ion Ratio Lower Upper

91 100

126 31.5 16.2 48.5





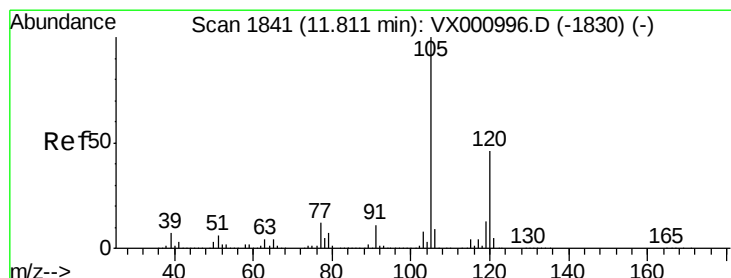
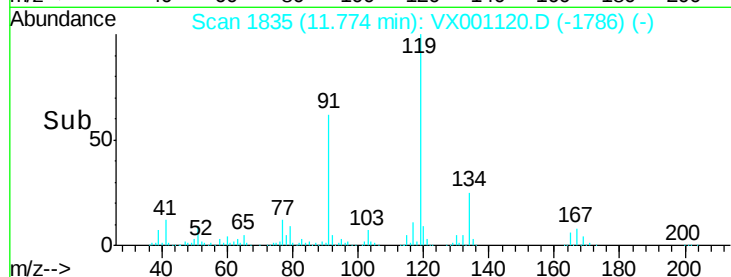
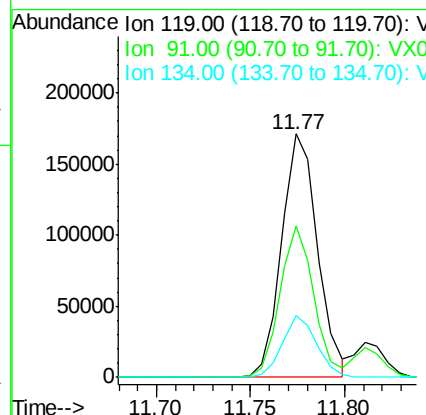
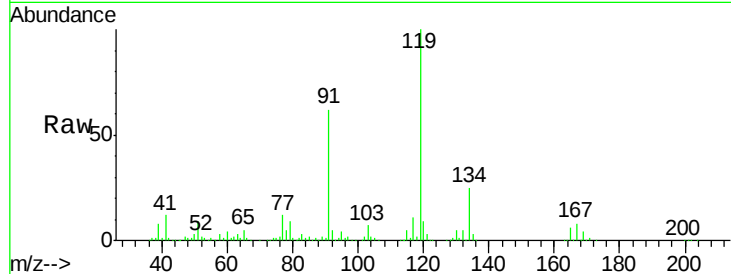
#83
 tert-Butylbenzene
 Concen: 20.05 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	225771		
91	58.9		27.0	81.0
134	24.3		11.6	34.7

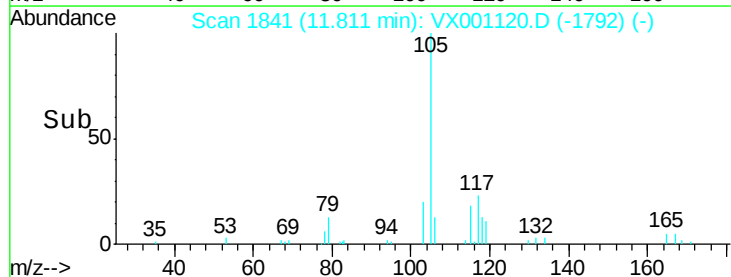
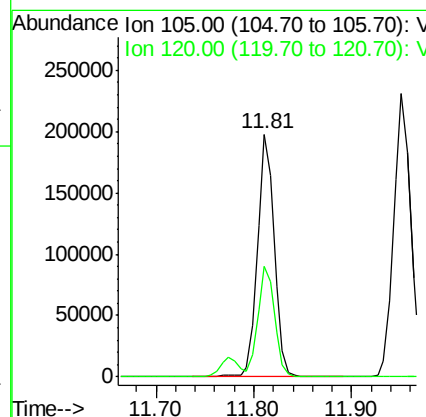
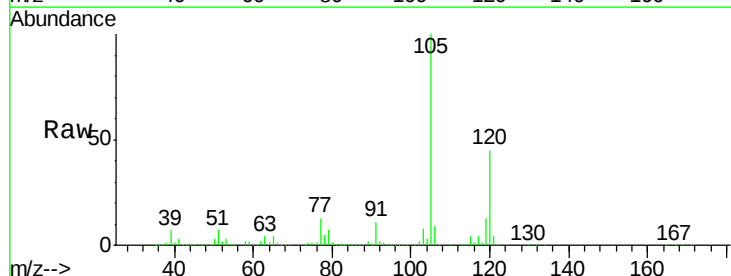
Manual Integrations
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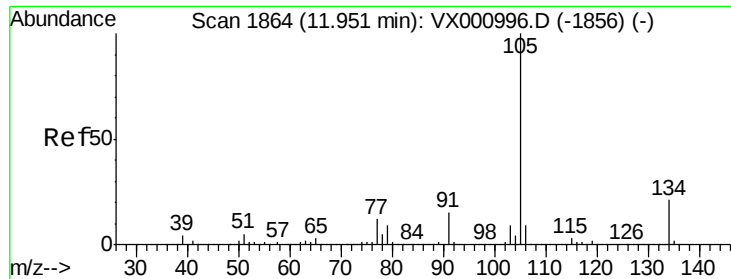
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.47 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	235146		
120	45.1		23.0	69.0





#85

sec-Butylbenzene

Concen: 20.67 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

ClientSampled :

VX0425MBS01

Tot Ion:105 Resp: 277845

Ion Ratio Lower Upper

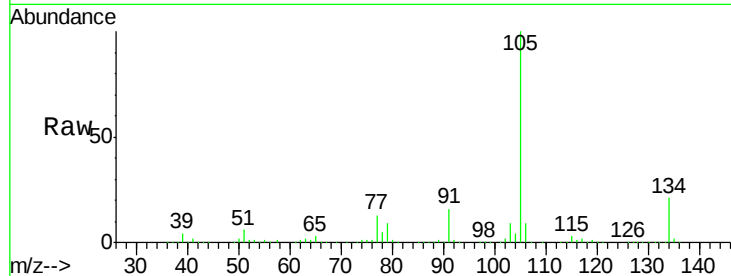
105 100

134 21.2 10.5 31.6

Manual Integrations
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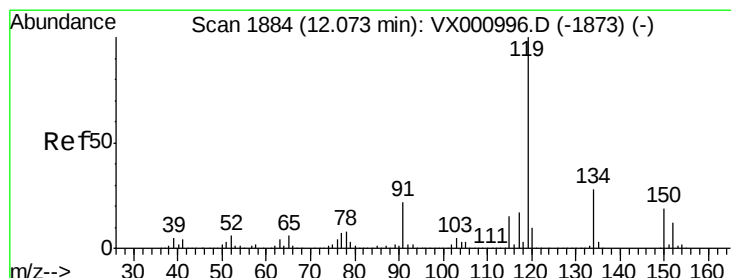
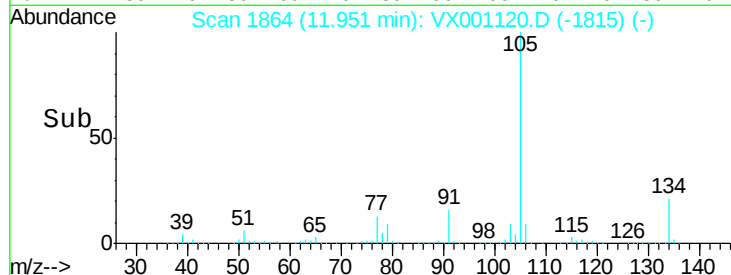
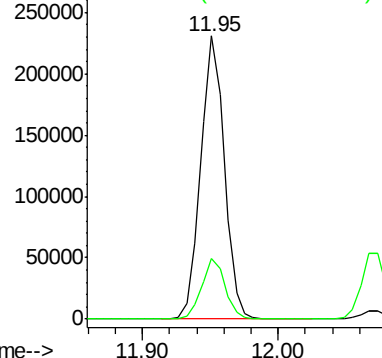
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.34 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.01 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

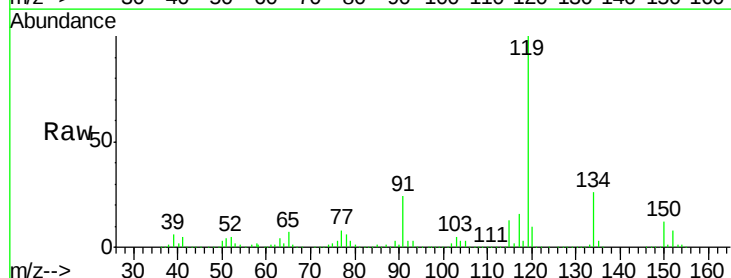
Tgt Ion:119 Resp: 252922

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.5

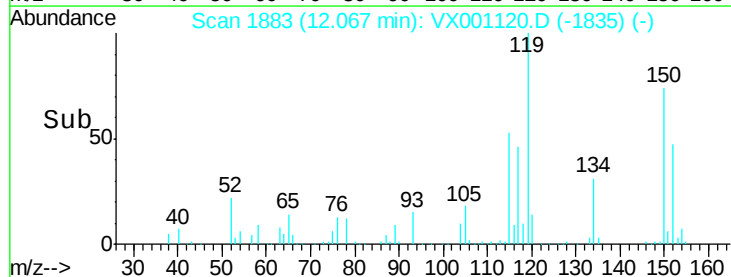
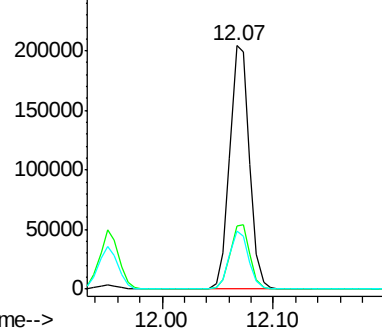
91 23.5 11.4 34.1

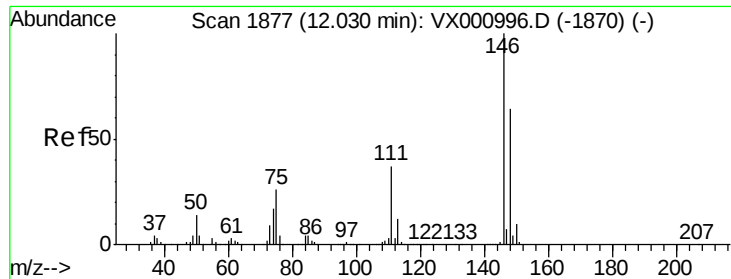


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.52 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

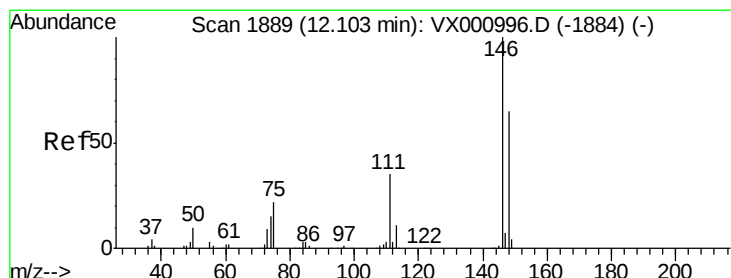
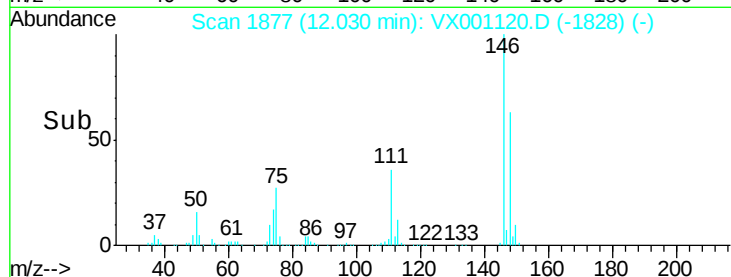
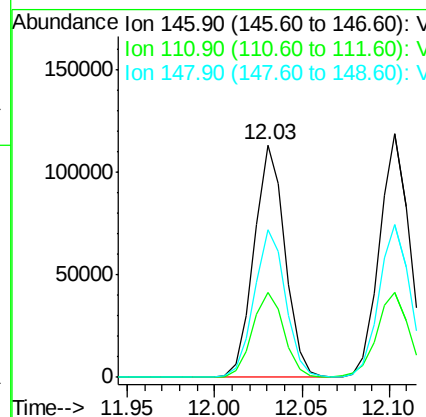
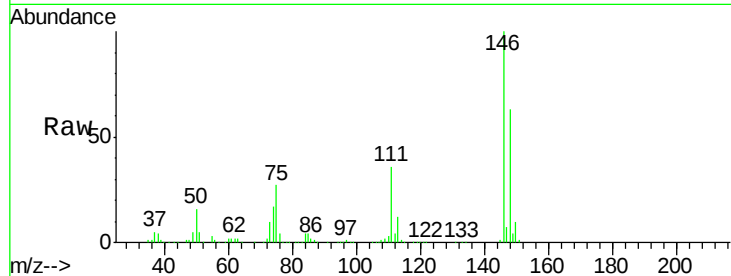
ClientSampleId :

VX0425MBS01

Tot Ion:	146	Resp:	139705
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.3	54.8
148	64.3	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.38 ug/l

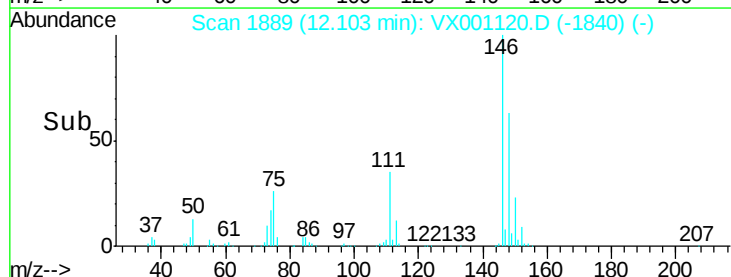
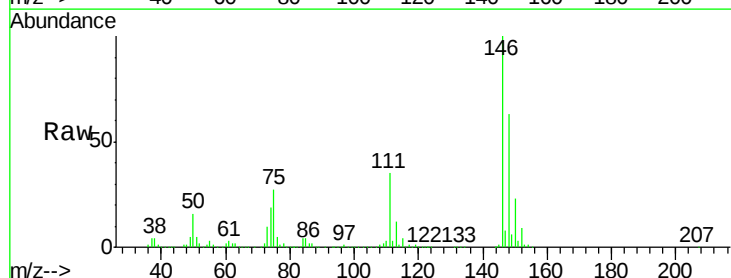
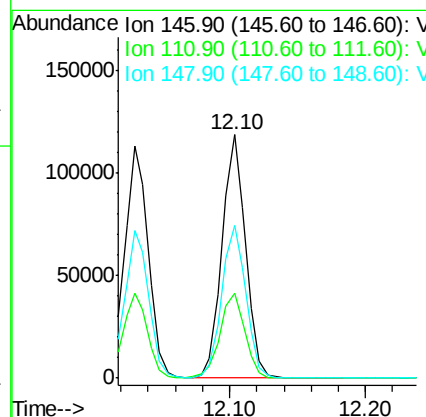
RT: 12.10 min Scan# 1889

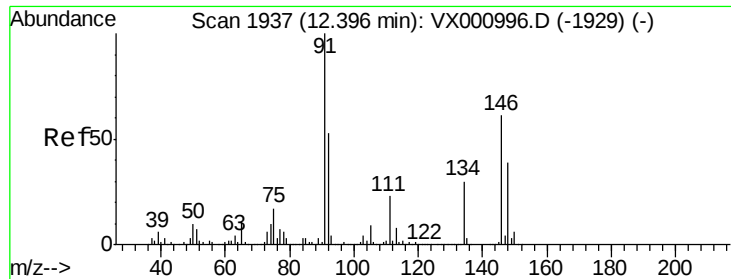
Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Tgt Ion:	146	Resp:	142344
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.0	54.0
148	64.6	32.4	97.0





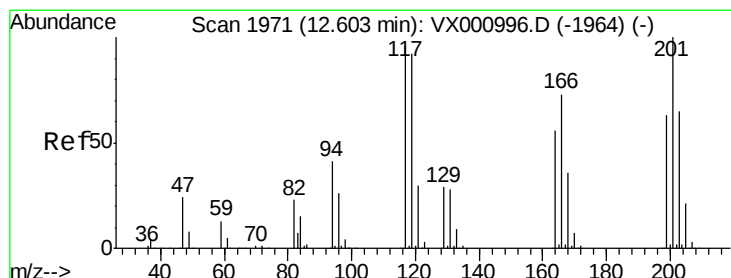
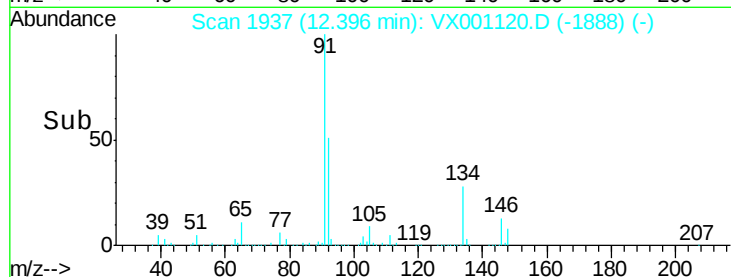
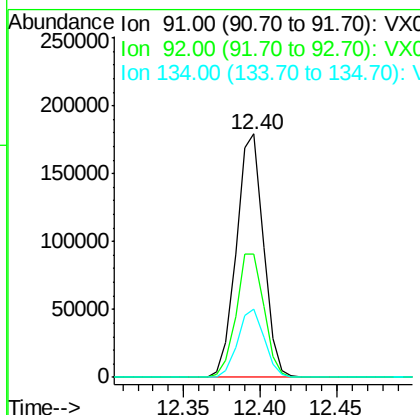
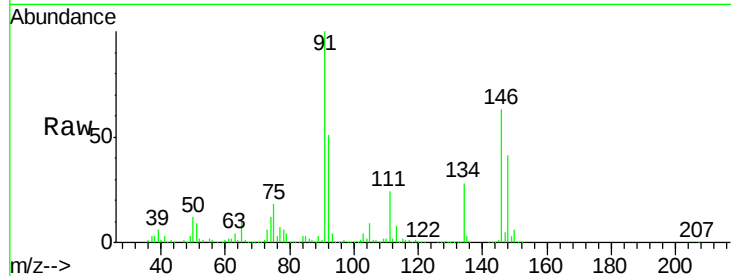
#89
n-Butylbenzene
Concen: 19.91 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Instrument :
MSVOA_X
ClientSampleId :
VX0425MBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.3	78.9
134	27.5	14.4	43.0

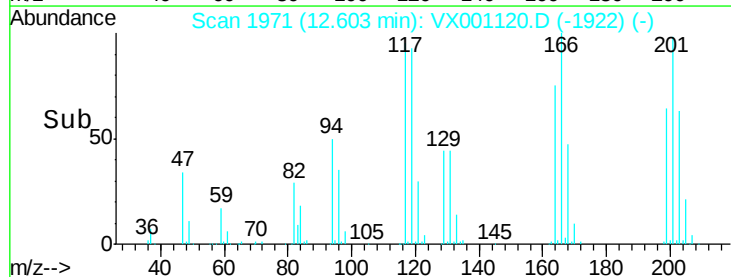
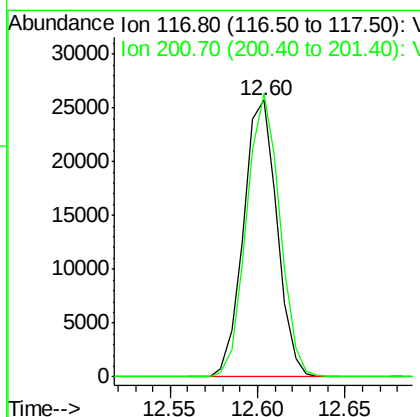
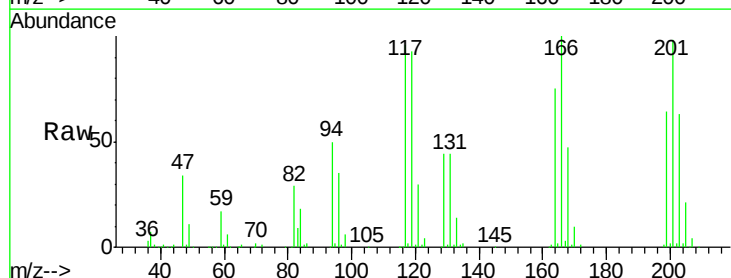
Manual Integrations
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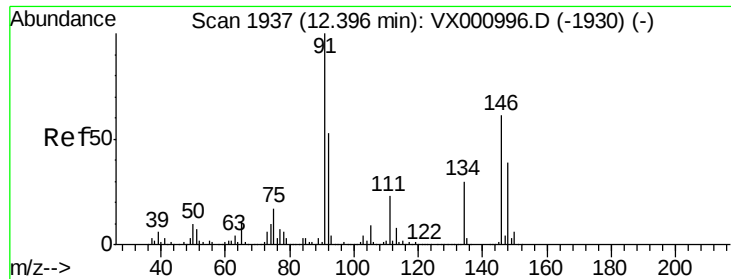
Sohil
4/27/2018 1:46:49 AM



#90
Hexachloroethane
Concen: 19.46 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001120.D
Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	101.3	52.3	157.1





#91

1,2-Dichlorobenzene

Concen: 20.24 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

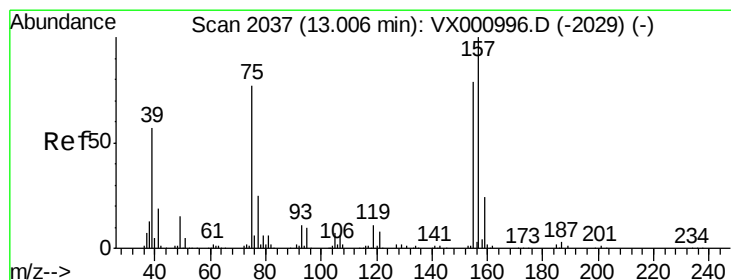
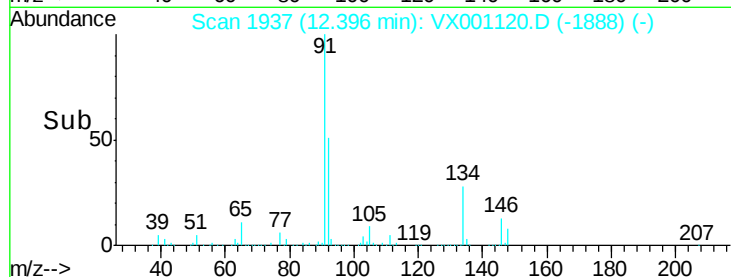
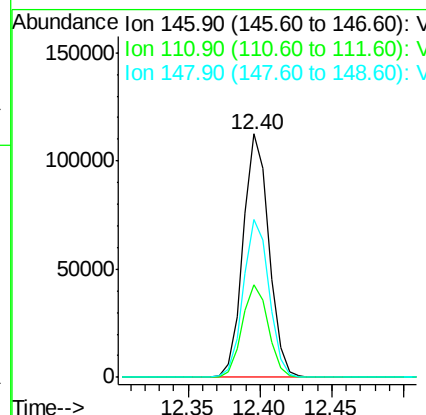
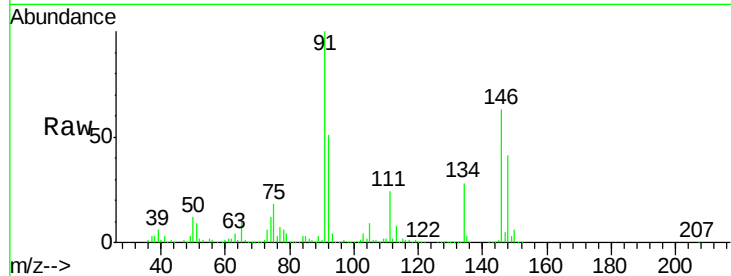
ClientSampled :

VX0425MBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.6	56.0
148	64.8	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.13 ug/l

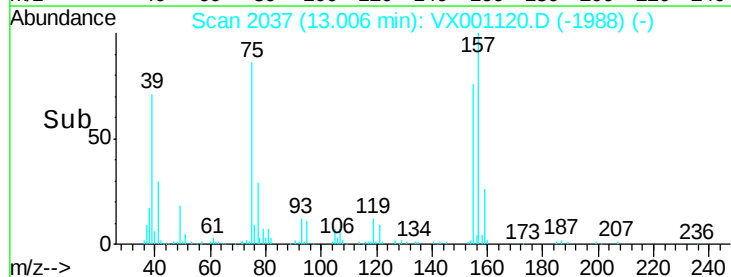
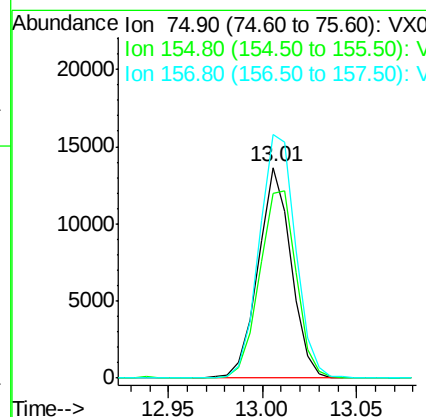
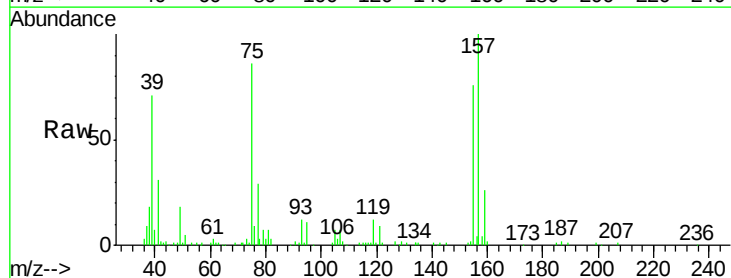
RT: 13.01 min Scan# 2037

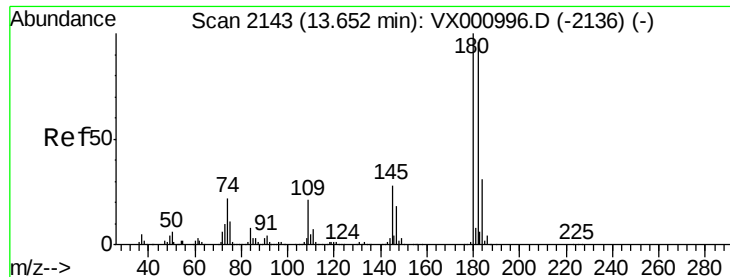
Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.8	51.0	153.0
157	128.0	64.9	194.7





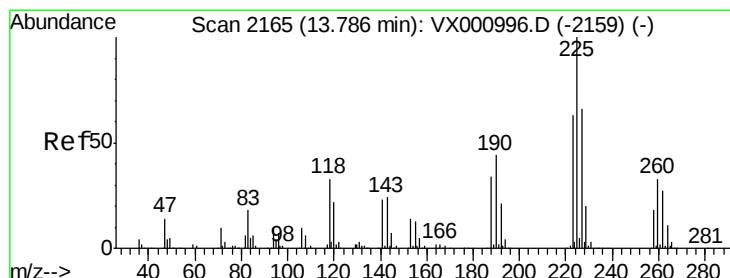
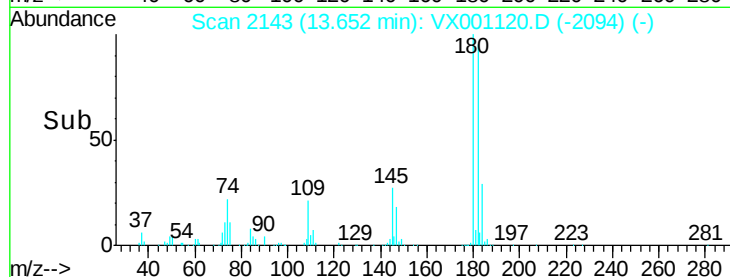
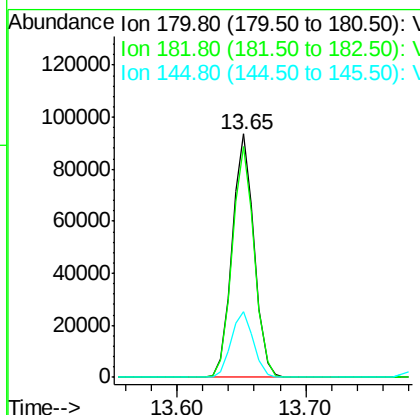
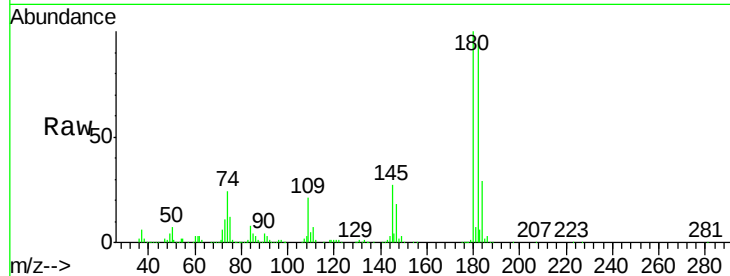
#93
 1,2,4-Trichlorobenzene
 Concen: 19.09 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0425MBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	111019		
182	95.4	48.0	144.0	
145	27.5	13.9	41.7	

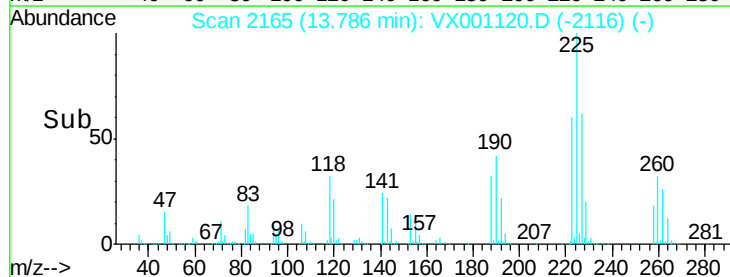
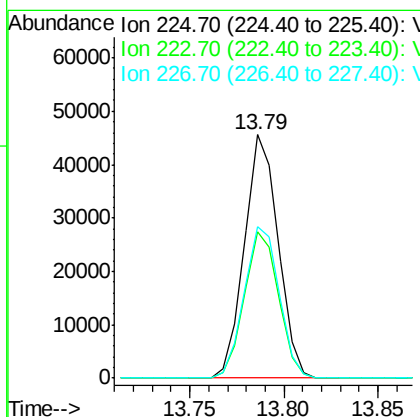
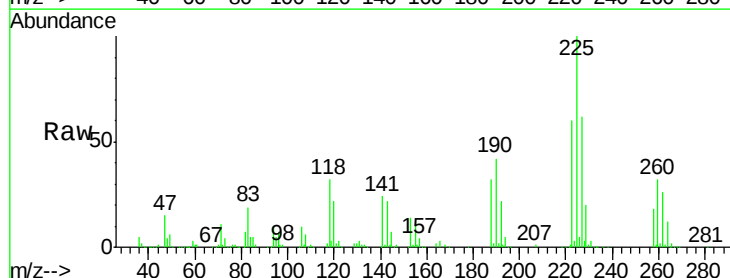
Manual Integrations
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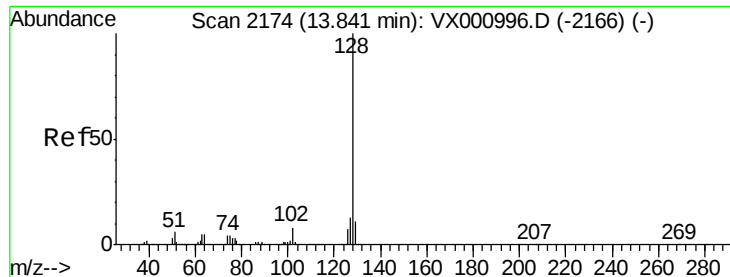
Sohil
 4/27/2018 1:46:49 AM



#94
 Hexachlorobutadiene
 Concen: 21.55 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001120.D
 Acq: 25 Apr 2018 15:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56715		
223	61.2	31.5	94.5	
227	64.4	32.6	97.8	





#95

Naphthalene

Concen: 21.16 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Instrument :

MSVOA_X

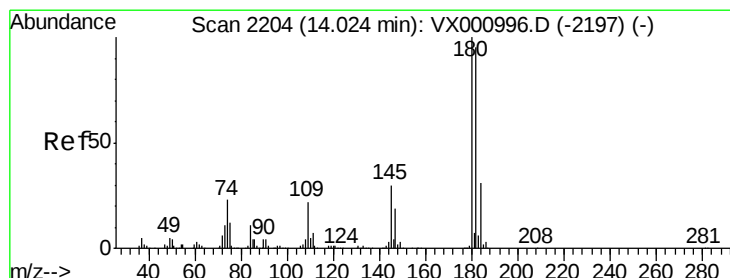
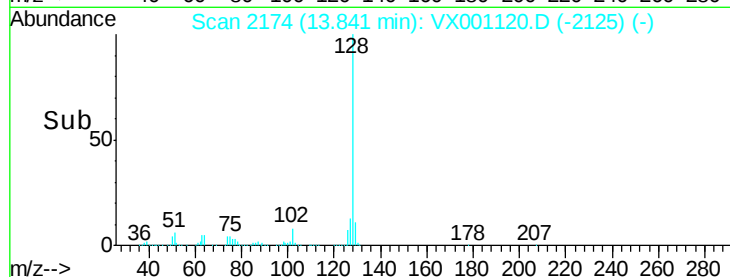
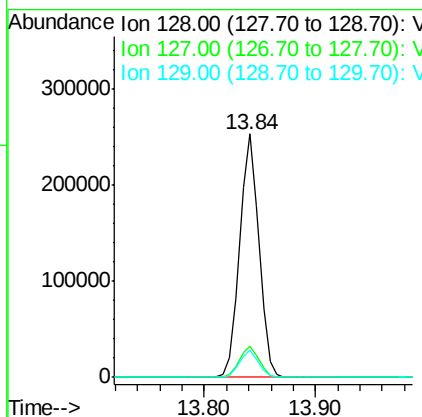
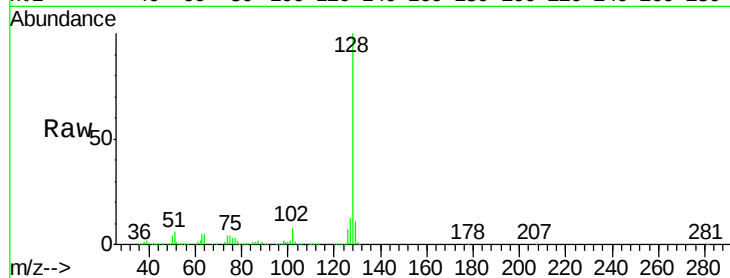
ClientSampleId :

VX0425MBS01

Tot Ion:	128	Resp:	302718
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 19.80 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001120.D

Acq: 25 Apr 2018 15:17

Tgt Ion:	180	Resp:	111345
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.9	143.7
145	29.1	14.5	43.6

