

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005095.D
 Acq On : 06 Oct 2018 05:06
 Operator : JC/MD
 Sample : VX1005WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:43 PM

Quant Time: Oct 06 07:00:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170531	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	159829	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
35) Dibromofluoromethane	5.50	113	129561	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	8.71	98	435575	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
62) 4-Bromofluorobenzene	11.14	95	161070	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57988	20.074	ug/l	96
3) Chloromethane	1.32	50	64262	18.336	ug/l	95
4) Vinyl Chloride	1.40	62	67206	20.445	ug/l	96
5) Bromomethane	1.64	94	42825	21.970	ug/l	95
6) Chloroethane	1.72	64	37106	19.283	ug/l #	85
7) Trichlorofluoromethane	1.93	101	87396	21.476	ug/l	98
8) Diethyl Ether	2.19	74	32926	18.625	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47056	20.300	ug/l	96
10) Methyl Iodide	2.51	142	47906	15.444	ug/l	94
11) Tert butyl alcohol	3.07	59	92062	108.788	ug/l	98
12) 1,1-Dichloroethene	2.37	96	44603	19.429	ug/l	95
13) Acrolein	2.29	56	13309	22.104	ug/l	90
14) Allyl chloride	2.72	41	96916	19.349	ug/l	95
15) Acrylonitrile	3.15	53	193290	103.756	ug/l	95
16) Acetone	2.45	43	172874	97.837	ug/l	94
17) Carbon Disulfide	2.56	76	120587	17.481	ug/l	100
18) Methyl Acetate	2.78	43	118479	26.465	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	172158	21.741	ug/l #	90
20) Methylene Chloride	2.85	84	56833	21.646	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	49966	19.883	ug/l	98
22) Diisopropyl ether	3.87	45	182177	21.599	ug/l	97
23) Vinyl Acetate	3.82	43	721510	93.451	ug/l	97
24) 1,1-Dichloroethane	3.69	63	101972	20.267	ug/l	99
25) 2-Butanone	4.70	43	263535	101.183	ug/l #	87
26) 2,2-Dichloropropane	4.59	77	48861	13.946	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	55008	19.594	ug/l	94
28) Bromochloromethane	5.02	49	47374	19.995	ug/l	98
29) Tetrahydrofuran	5.15	42	175902	108.661	ug/l	96
30) Chloroform	5.21	83	94856	19.948	ug/l	87
31) Cyclohexane	5.57	56	76536	19.875	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	80074	20.619	ug/l	96
36) 1,1-Dichloropropene	5.79	75	63689	18.994	ug/l	96
37) Ethyl Acetate	4.86	43	90240	20.274	ug/l	97
38) Carbon Tetrachloride	5.78	117	67984	19.288	ug/l	97

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Manual Integrations
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Quant Time: Oct 06 07:00:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64893	18.953	ug/l	86
40) Benzene	6.14	78	198698	18.928	ug/l	95
41) Methacrylonitrile	5.06	41	53305	21.595	ug/l	99
42) 1,2-Dichloroethane	6.20	62	74015	19.945	ug/l	100
43) Isopropyl Acetate	6.46	43	124394	19.363	ug/l	94
44) Trichloroethene	7.21	130	50891	19.720	ug/l	96
45) 1,2-Dichloropropane	7.52	63	53429	20.754	ug/l	94
46) Dibromomethane	7.66	93	32628	20.167	ug/l	98
47) Bromodichloromethane	7.90	83	62535	20.645	ug/l	98
48) Methyl methacrylate	7.78	41	62151	21.314	ug/l	99
49) 1,4-Dioxane	7.76	88	28435	392.519	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	442665	109.434	ug/l	99
52) Toluene	8.79	92	117102	20.301	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	62182	18.166	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	69709	19.443	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	49781	19.702	ug/l	95
56) Ethyl methacrylate	9.18	69	71855	19.384	ug/l	99
57) 1,3-Dichloropropane	9.37	76	83388	19.829	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	220644	109.815	ug/l	100
59) 2-Hexanone	9.50	43	345854	102.603	ug/l	94
60) Dibromochloromethane	9.59	129	49346	19.528	ug/l	98
61) 1,2-Dibromoethane	9.67	107	51806	19.145	ug/l	96
64) Tetrachloroethene	9.34	164	58633	21.309	ug/l	97
65) Chlorobenzene	10.14	112	130434	18.194	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	47965	19.031	ug/l	99
67) Ethyl Benzene	10.26	91	216283	19.003	ug/l	97
68) m/p-Xylenes	10.36	106	168757	37.943	ug/l	96
69) o-Xylene	10.70	106	80820	19.784	ug/l	99
70) Styrene	10.71	104	137332	19.345	ug/l	99
71) Bromoform	10.86	173	39396	18.258	ug/l #	96
73) Isopropylbenzene	11.02	105	221803	20.635	ug/l	100
74) N-amyl acetate	10.90	43	101938	18.399	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	80761	18.458	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	74044m	19.372	ug/l	
77) Bromobenzene	11.26	156	60744	19.456	ug/l	99
78) n-propylbenzene	11.36	91	252675	20.488	ug/l	99
79) 2-Chlorotoluene	11.42	91	155321	20.205	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	186517	18.809	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18565	14.708	ug/l	95
82) 4-Chlorotoluene	11.51	91	183139	20.240	ug/l	99
83) tert-Butylbenzene	11.77	119	180311	20.375	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	194272	18.999	ug/l	98
85) sec-Butylbenzene	11.94	105	225426	20.913	ug/l	99
86) p-Isopropyltoluene	12.07	119	197610	20.234	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	112554	19.307	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	113937	18.932	ug/l	99
89) n-Butylbenzene	12.39	91	170263	19.196	ug/l	99
90) Hexachloroethane	12.60	117	30465	18.736	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	112478	18.462	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18757	19.524	ug/l	99

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ClientSampleId :
VX1005WBSD02

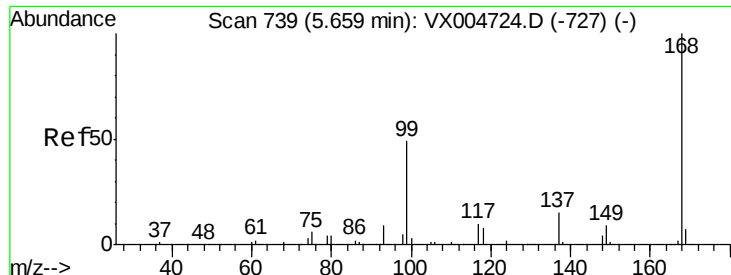
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82511	19.307	ug/l	98
94) Hexachlorobutadiene	13.79	225	41577	18.761	ug/l	99
95) Naphthalene	13.83	128	256763	18.560	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87260	19.765	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion:168 Resp: 211869

Ion Ratio Lower Upper

168 100

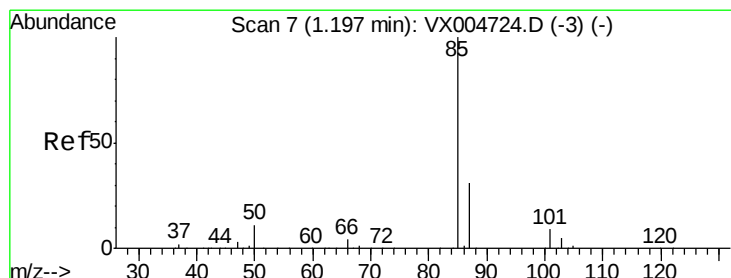
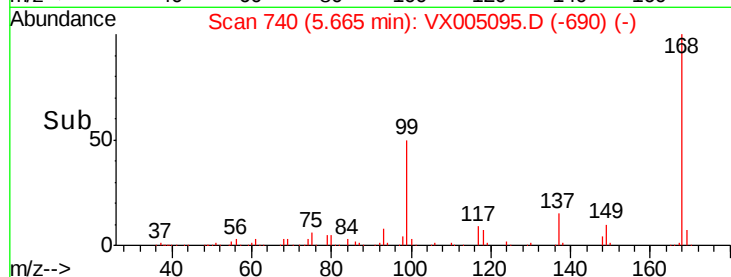
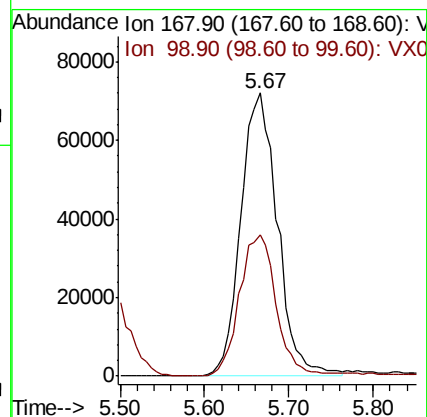
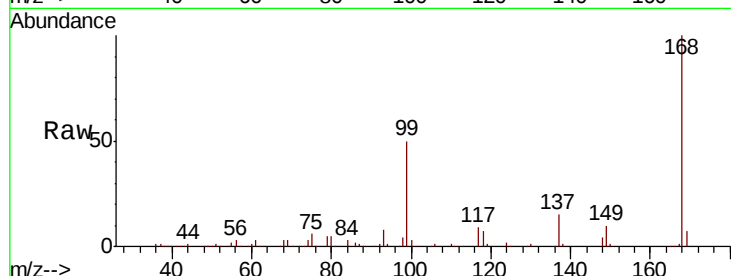
99 50.0 39.3 58.9

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 20.074 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005095.D

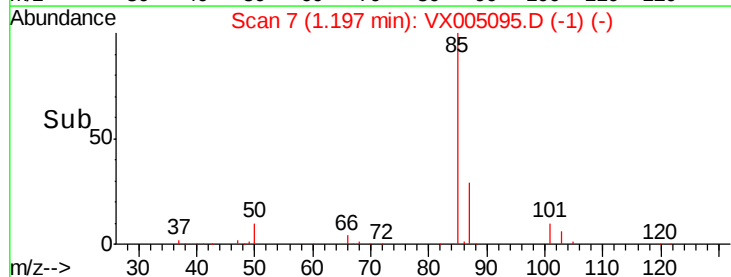
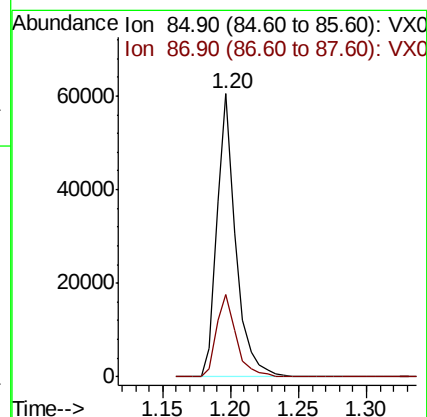
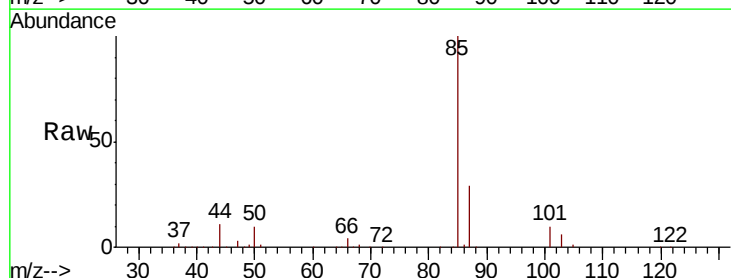
Acq: 06 Oct 2018 05:06

Tgt Ion: 85 Resp: 57988

Ion Ratio Lower Upper

85 100

87 29.3 15.7 47.1





#3

Chloromethane

Concen: 18.336 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion: 50 Resp: 64262

Ion Ratio Lower Upper

50 100

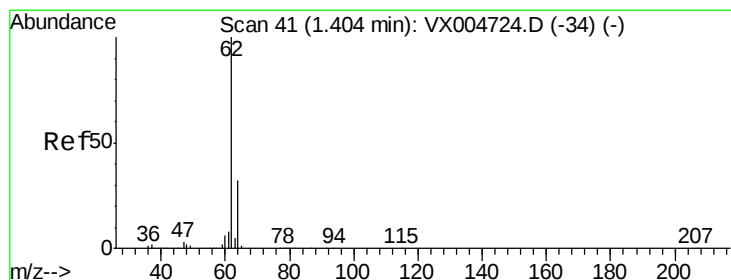
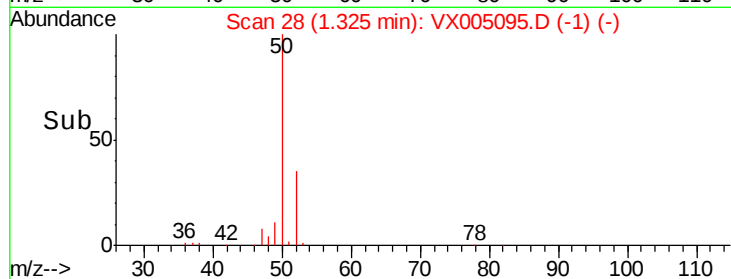
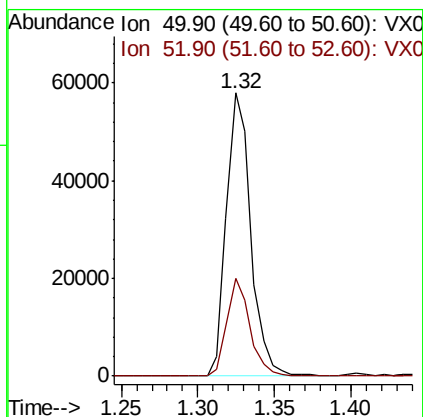
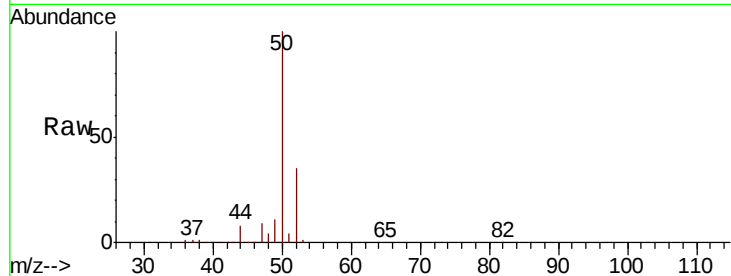
52 34.8 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.445 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005095.D

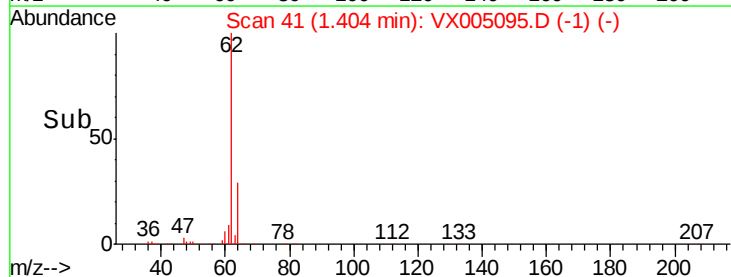
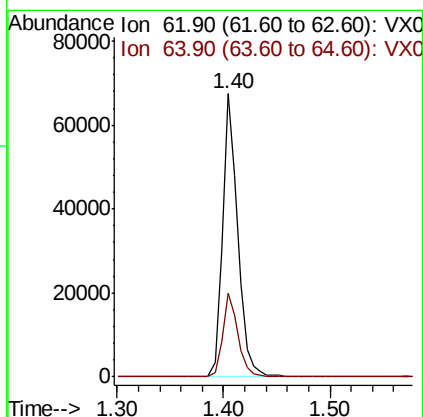
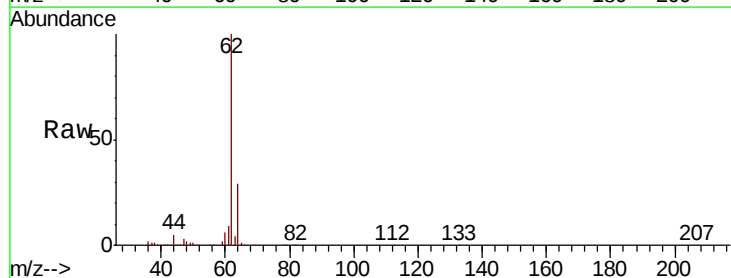
Acq: 06 Oct 2018 05:06

Tgt Ion: 62 Resp: 67206

Ion Ratio Lower Upper

62 100

64 29.4 25.5 38.3





#5

Bromomethane

Concen: 21.970 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion: 94 Resp: 42825

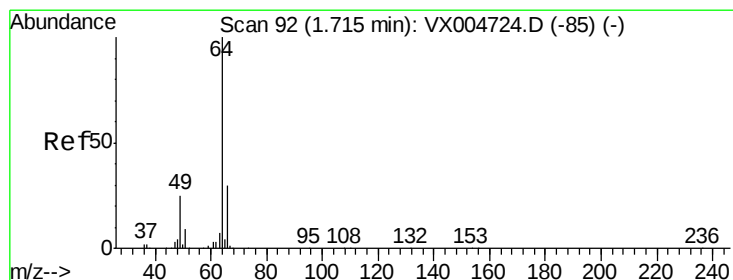
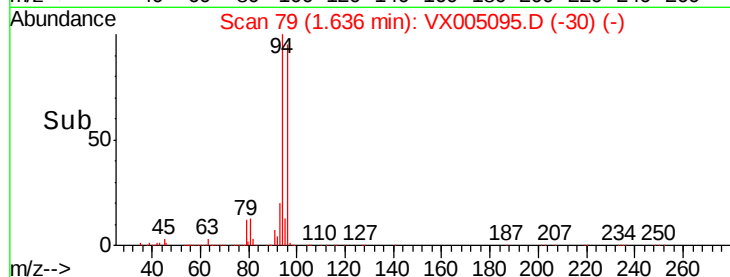
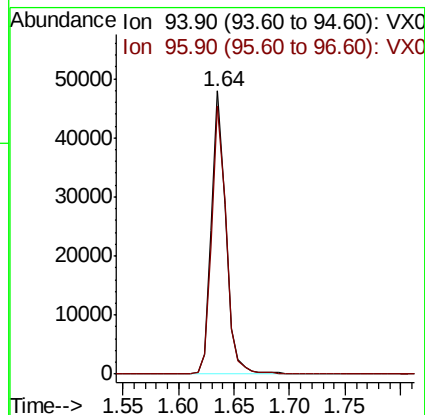
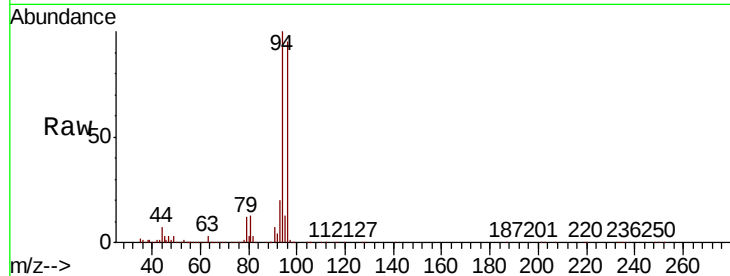
Ion Ratio Lower Upper

94 100

96 94.7 79.5 119.3

Manual Integrations
APPROVED

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10/8/2018 2:02:43 PM



#6

Chloroethane

Concen: 19.283 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005095.D

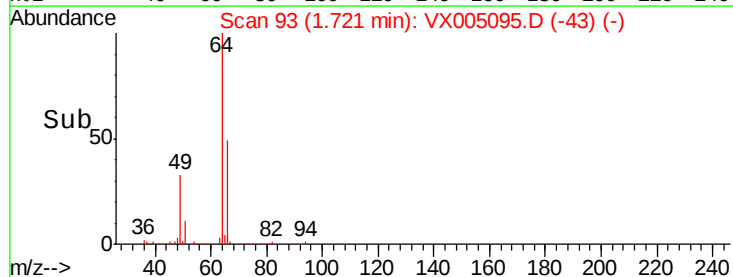
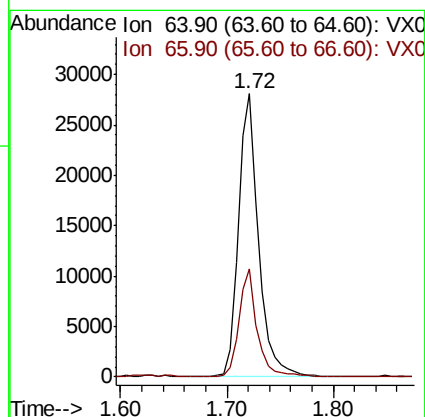
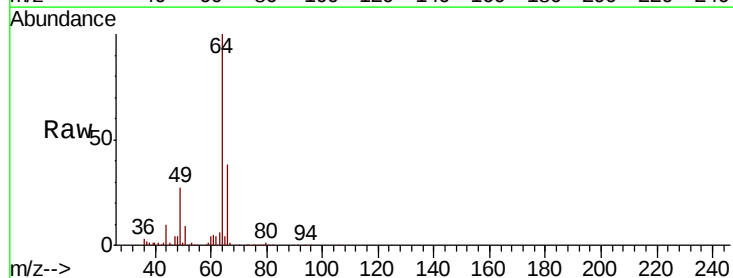
Acq: 06 Oct 2018 05:06

Tgt Ion: 64 Resp: 37106

Ion Ratio Lower Upper

64 100

66 38.0 23.8 35.6#





#7

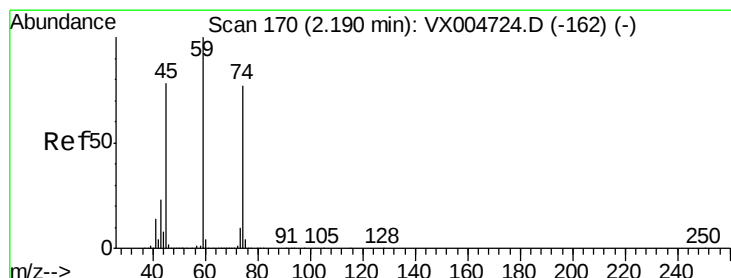
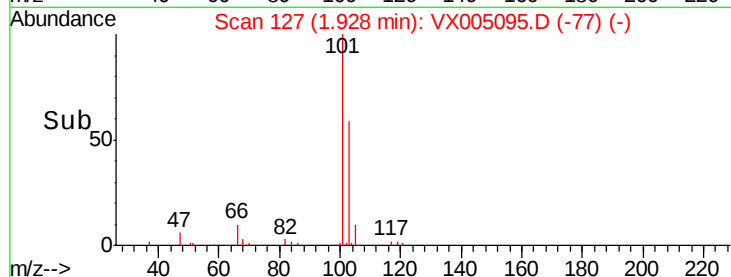
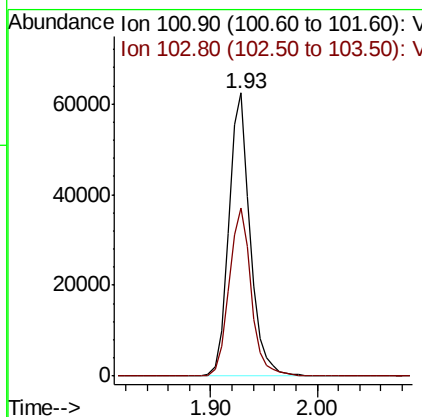
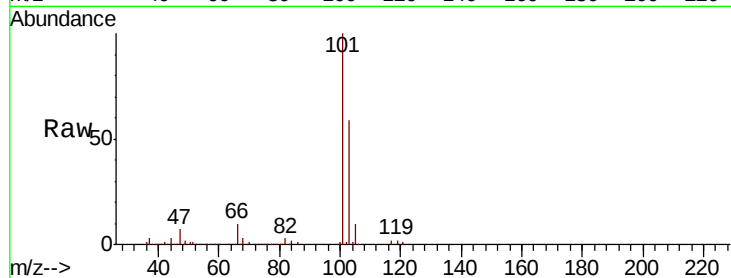
Trichlorofluoromethane
 Concen: 21.476 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Instrument :
 MSVOA_X
 ClientSampled :
 VX1005WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.3	48.4	72.6

Manual Integrations
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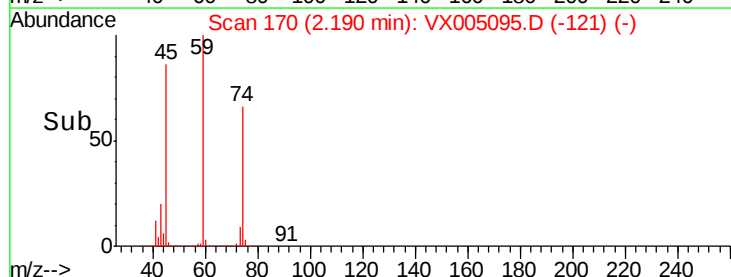
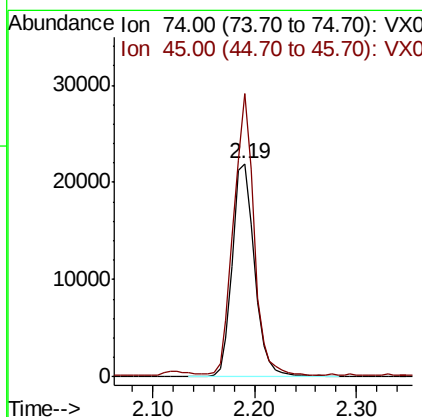
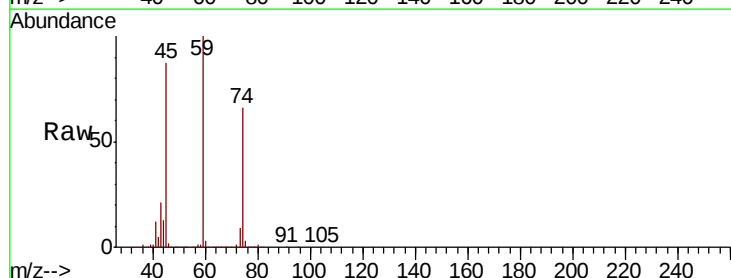
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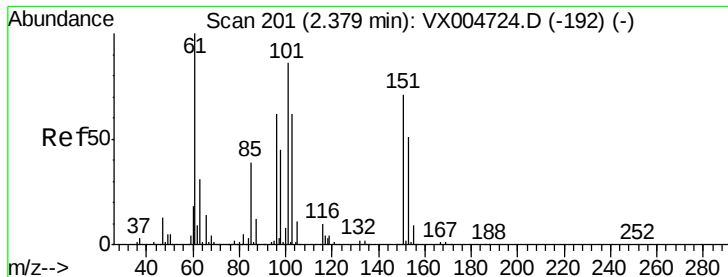


#8

Diethyl Ether
 Concen: 18.625 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	120.3	52.5	157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.300 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

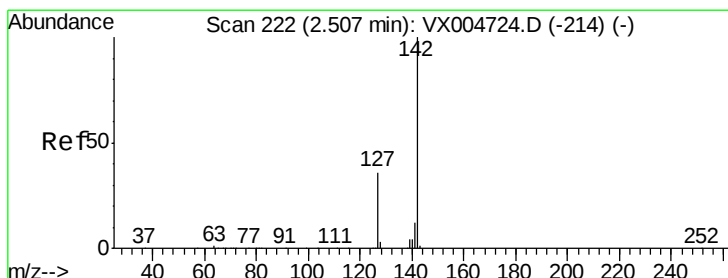
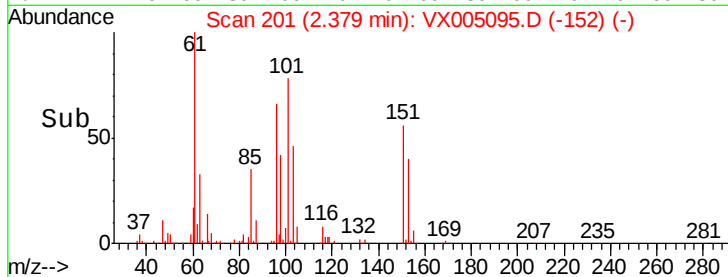
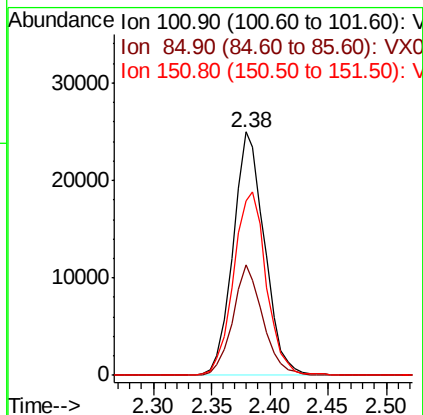
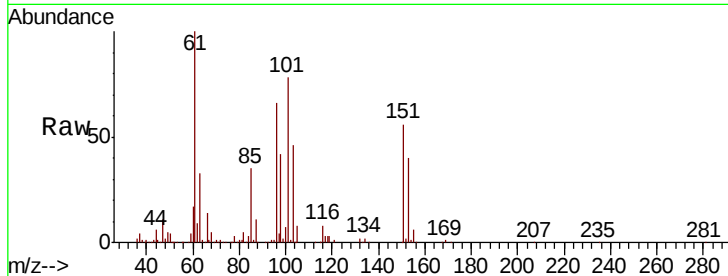
ClientSampleId :

VX1005WBSD02

Tot Ion:	101	Resp:	47056
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.9	53.9
151	78.7	66.6	100.0

Manual Integrations
APPROVED

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10/8/2018 2:02:43 PM



#10

Methyl Iodide

Concen: 15.444 ug/l

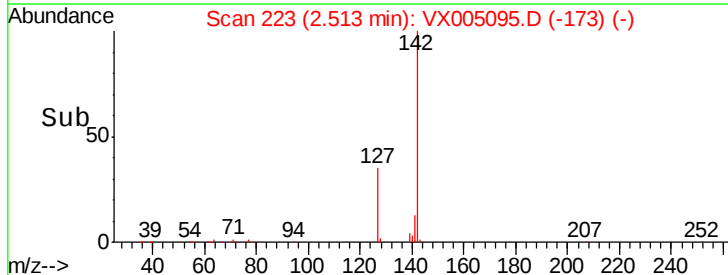
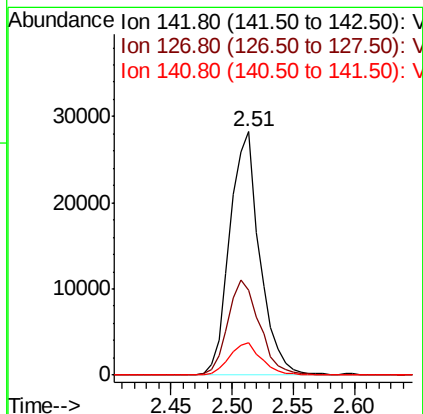
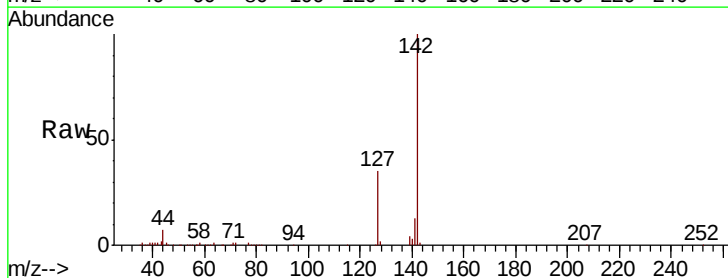
RT: 2.51 min Scan# 223

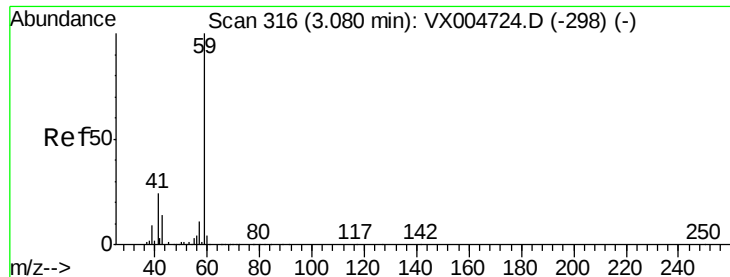
Delta R.T. 0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion:	142	Resp:	47906
Ion Ratio	Lower	Upper	
142	100		
127	41.5	30.1	45.1
141	14.0	10.1	15.1





#11

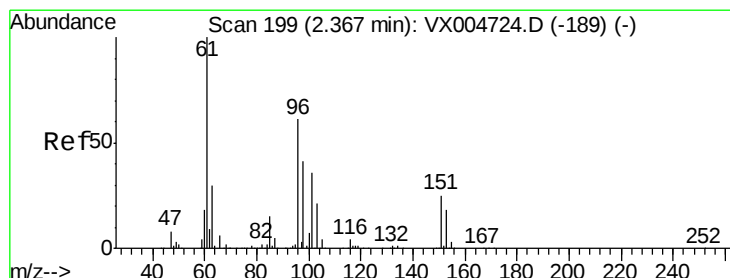
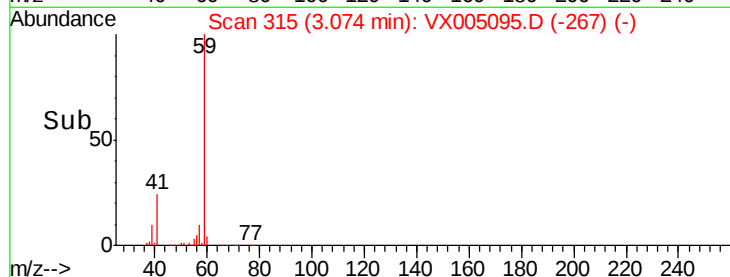
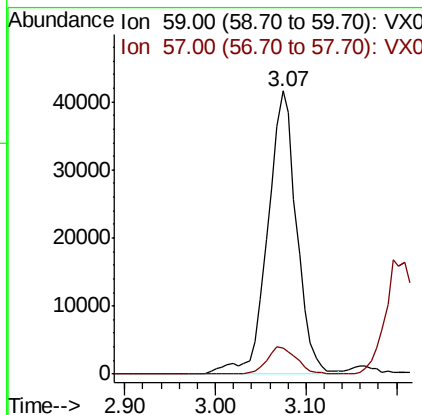
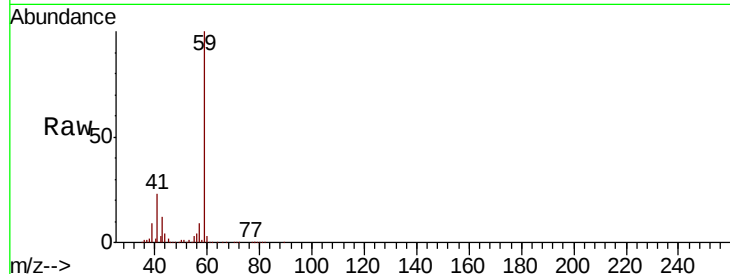
Tert butyl alcohol
Concen: 108.788 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.6	12.8

Manual Integrations
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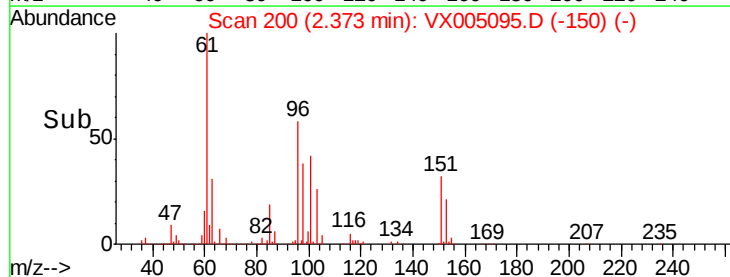
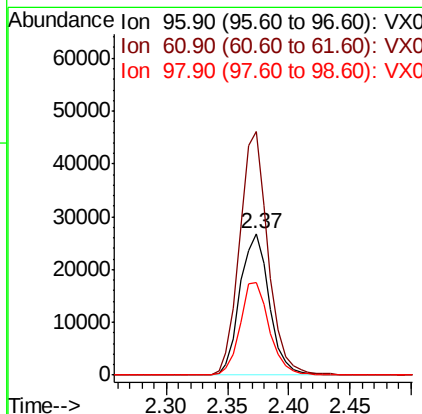
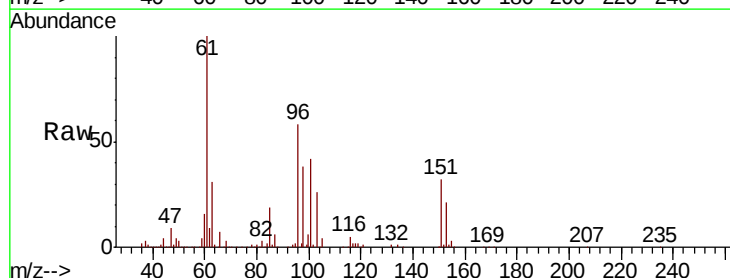
MMDadoda
10/8/2018 2:02:43 PM

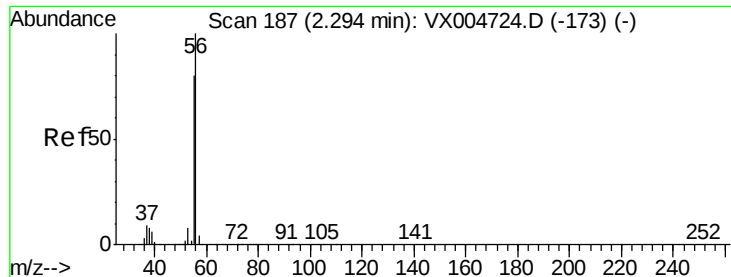


#12

1,1-Dichloroethene
Concen: 19.429 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
96	100		
61	171.5	130.2	195.4
98	65.5	53.4	80.0





#13

Acrolein

Concen: 22.104 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion: 56 Resp: 13309

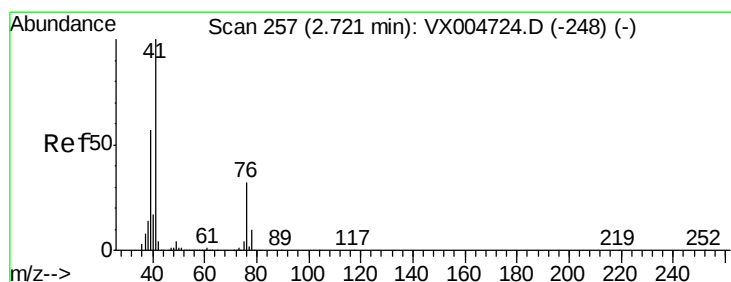
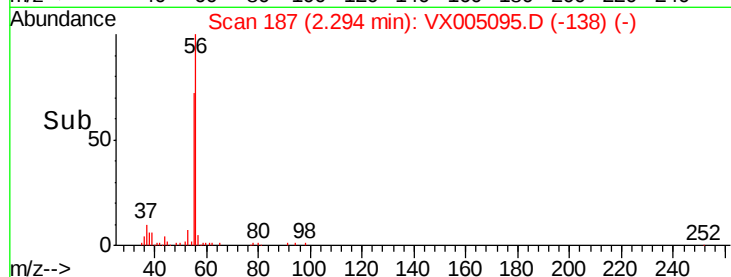
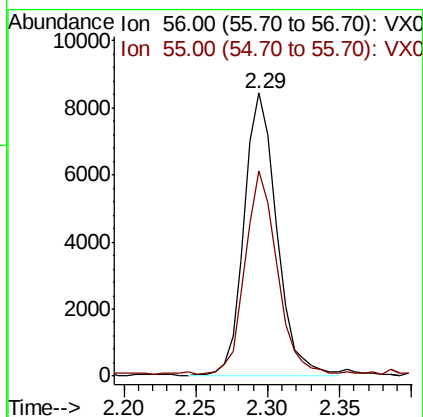
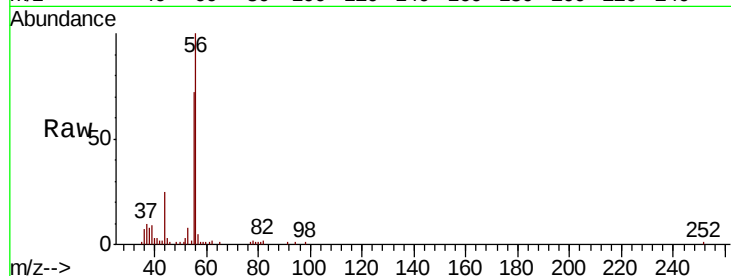
Ion Ratio Lower Upper

56 100

55 70.6 63.4 95.2

Manual Integrations
APPROVED

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10/8/2018 2:02:43 PM



#14

Allyl chloride

Concen: 19.349 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

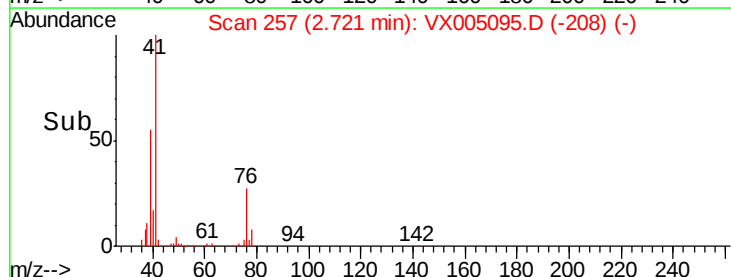
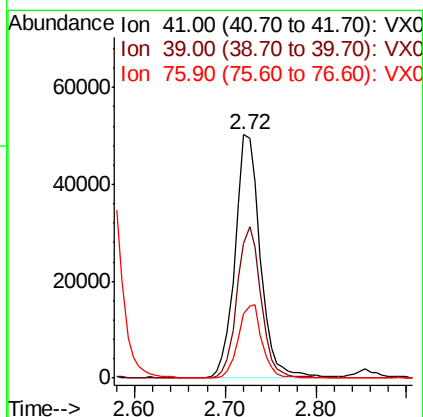
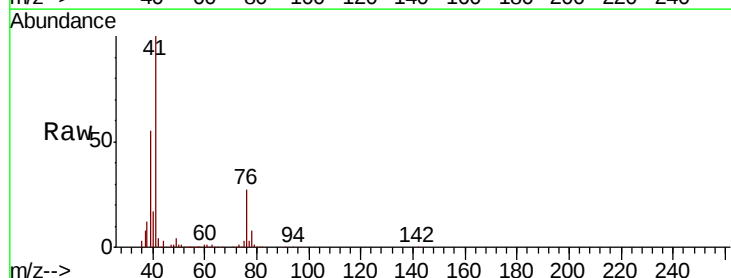
Tgt Ion: 41 Resp: 96916

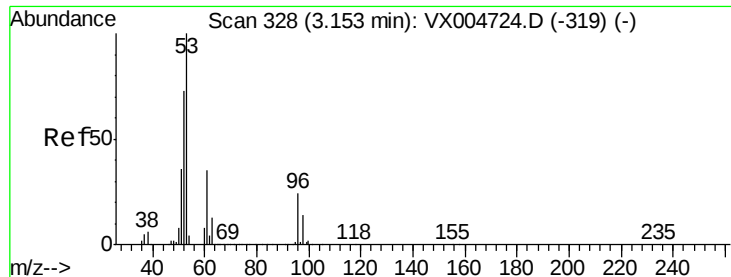
Ion Ratio Lower Upper

41 100

39 58.9 44.1 66.1

76 28.6 25.0 37.4





#15

Acrylonitrile

Concen: 103.756 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

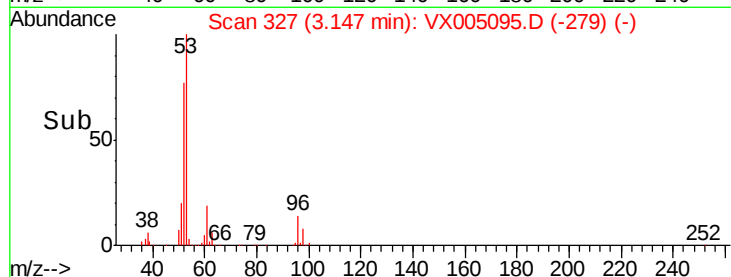
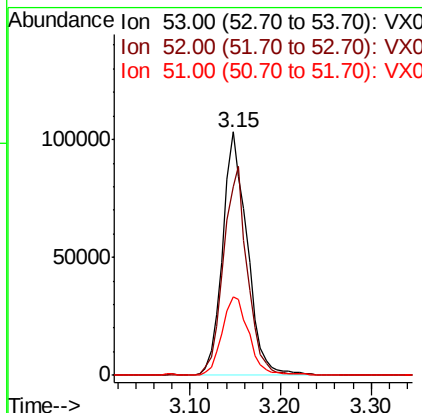
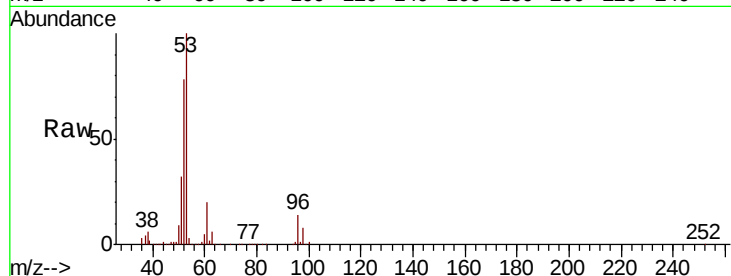
ClientSampleId :

VX1005WBSD02

Tot Ion:	53	Resp:	193290
Ion Ratio	Lower	Upper	
53	100		
52	84.3	63.0	94.4
51	35.4	28.6	42.8

Manual Integrations
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10/8/2018 2:02:43 PM



#16

Acetone

Concen: 97.837 ug/l

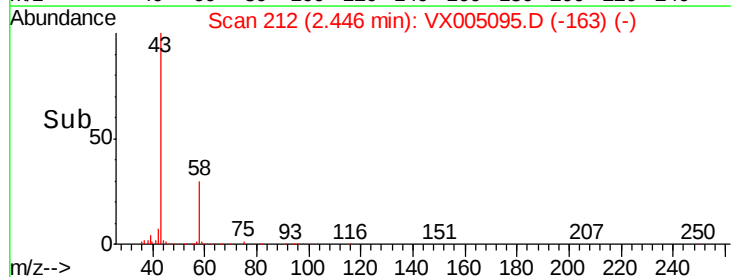
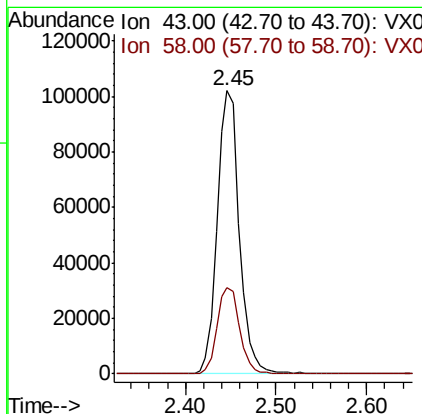
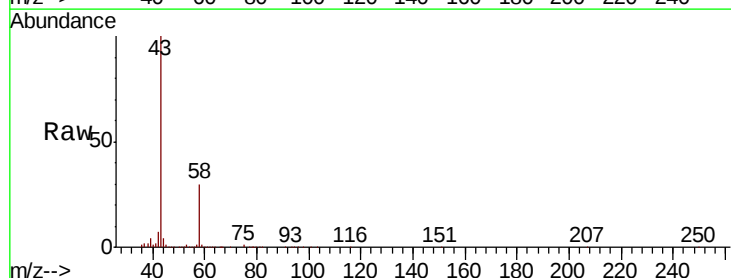
RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion:	43	Resp:	172874
Ion Ratio	Lower	Upper	
43	100		
58	30.5	21.8	32.6





#17

Carbon Disulfide

Concen: 17.481 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion: 76 Resp: 120587

Ion Ratio Lower Upper

76 100

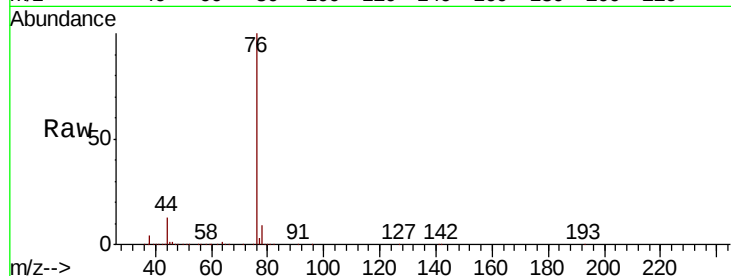
78 8.8 7.0 10.6

Manual Integrations

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MMDadoda

10/8/2018 2:02:43 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

80000

60000

40000

20000

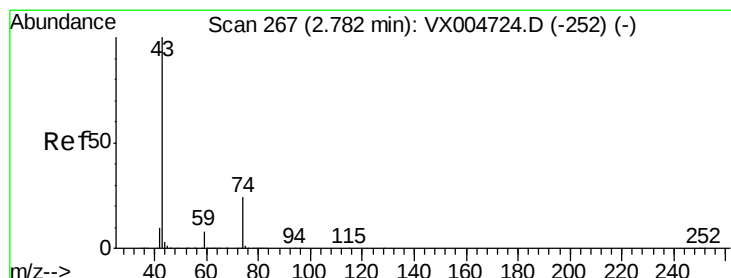
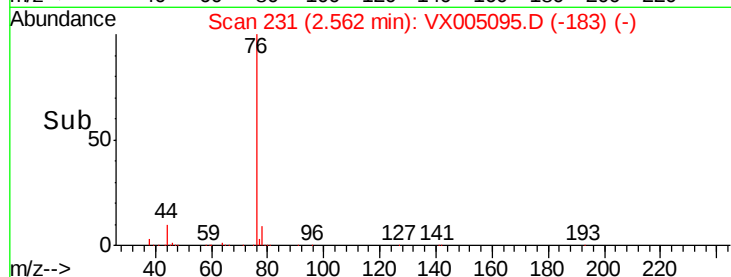
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 26.465 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005095.D

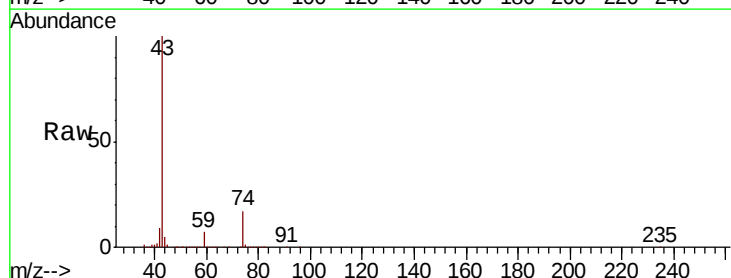
Acq: 06 Oct 2018 05:06

Tgt Ion: 43 Resp: 118479

Ion Ratio Lower Upper

43 100

74 20.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

60000

40000

20000

0

Time-->

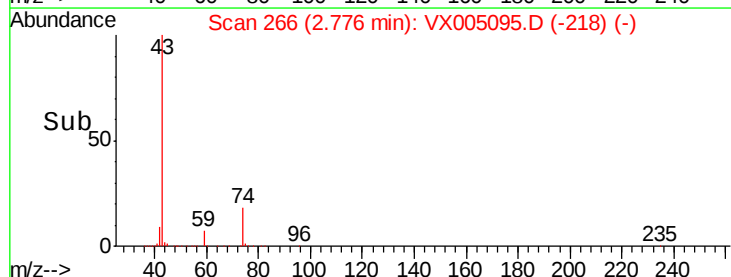
2.60

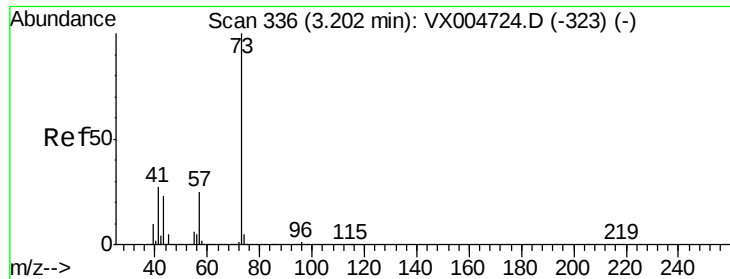
2.70

2.80

2.90

3.00





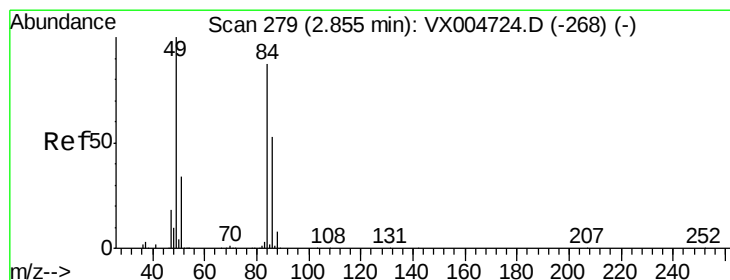
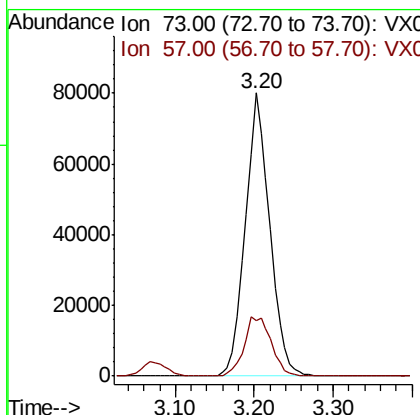
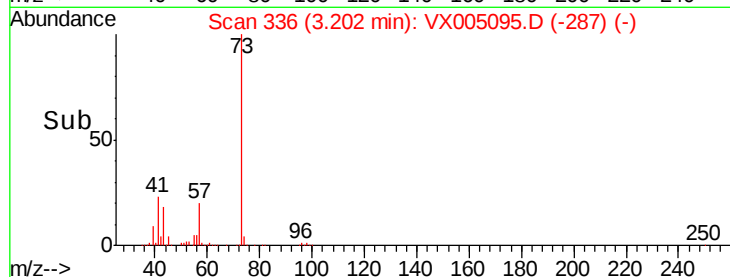
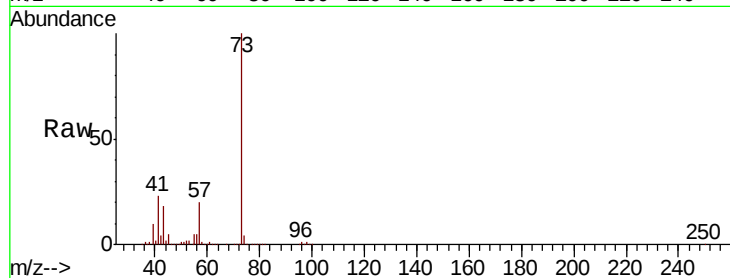
#19
Methvl tert-butvl Ether
Concen: 21.741 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.8	19.9	29.9#

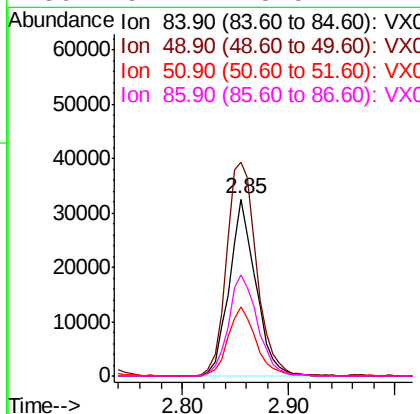
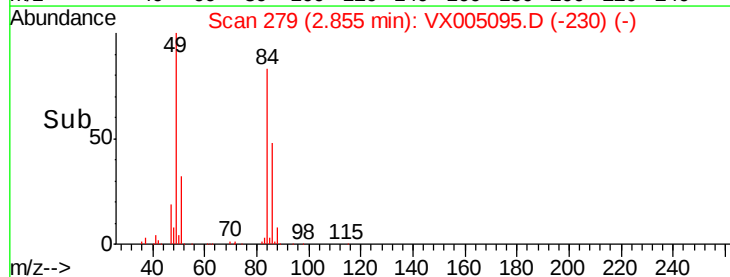
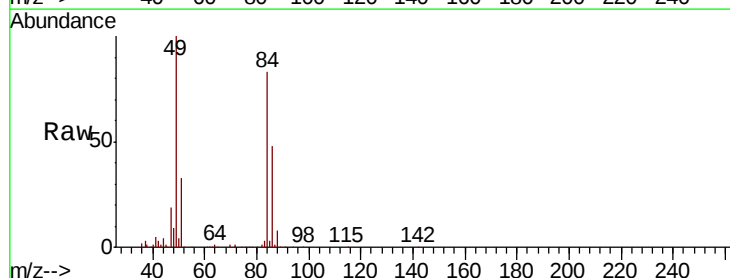
Manual Integrations
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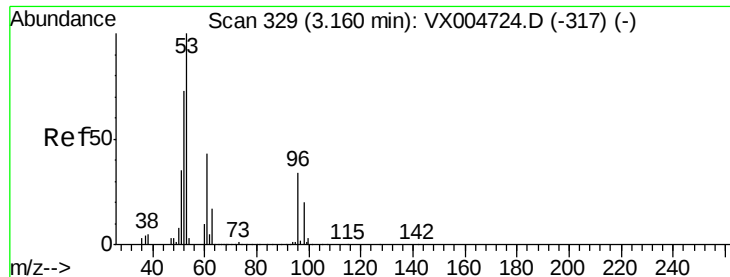
MMDadoda
10/8/2018 2:02:43 PM



#20
Methylene Chloride
Concen: 21.646 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.3	92.3	138.5
51	39.0	31.8	47.6
86	57.4	48.5	72.7





#21

trans-1,2-Dichloroethene

Concen: 19.883 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

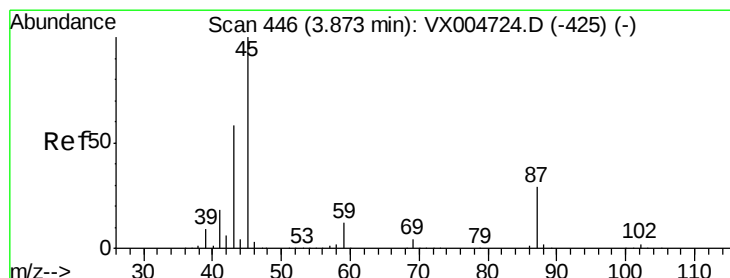
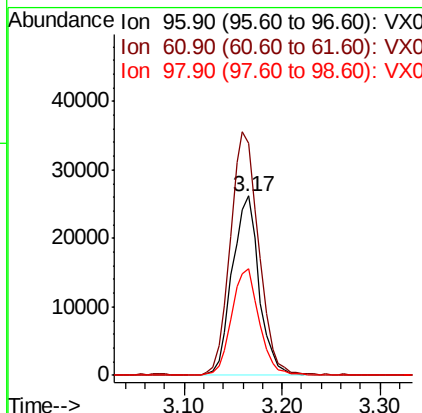
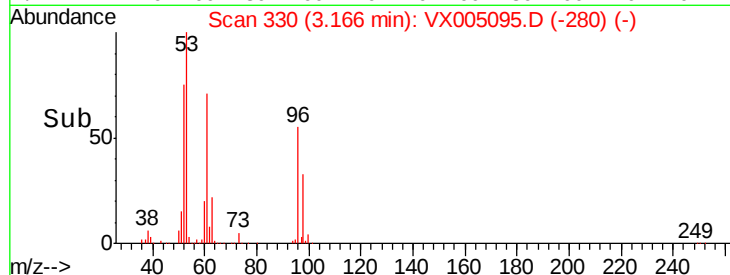
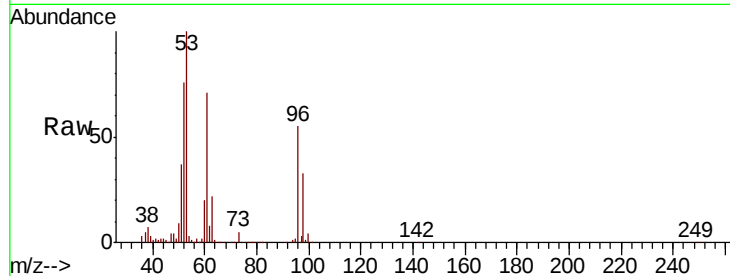
ClientSampleId :

VX1005WBSD02

Tot Ion:	96	Resp:	49966
Ion	Ratio	Lower	Upper
96	100		
61	129.3	101.0	151.6
98	59.2	47.2	70.8

Manual Integrations
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MMDadoda
10/8/2018 2:02:43 PM



#22

Diisopropyl ether

Concen: 21.599 ug/l

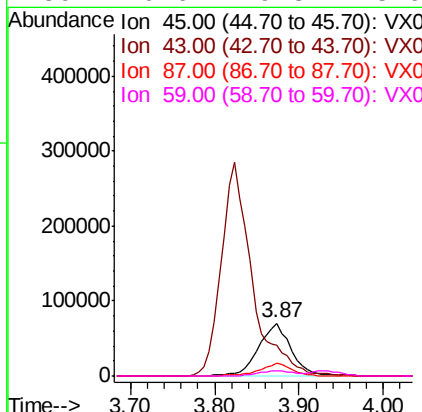
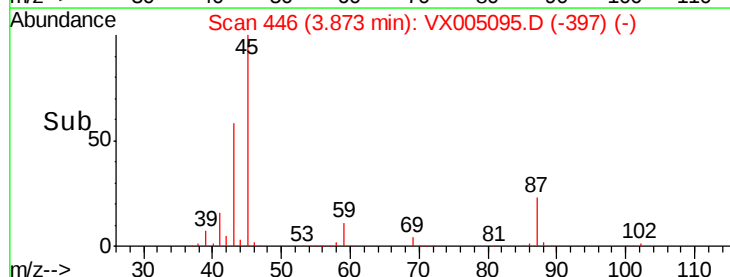
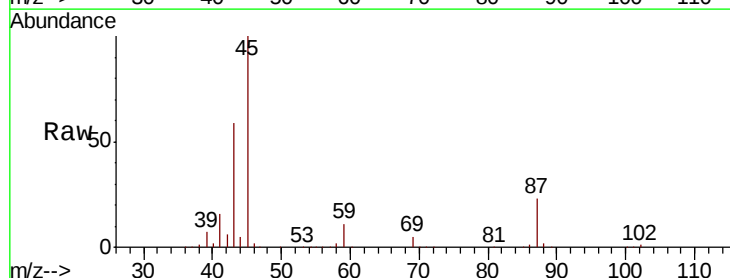
RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion:	45	Resp:	182177
Ion	Ratio	Lower	Upper
45	100		
43	58.3	46.7	70.1
87	23.3	22.9	34.3
59	10.6	9.3	13.9





#23

Vinyl Acetate

Concen: 93.451 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion: 43 Resp: 721510

Ion Ratio Lower Upper

43 100

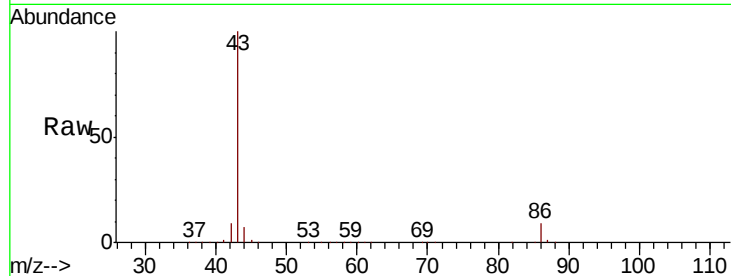
86 9.0 8.1 12.1

Manual Integrations

APPROVED

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10/8/2018 2:02:43 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

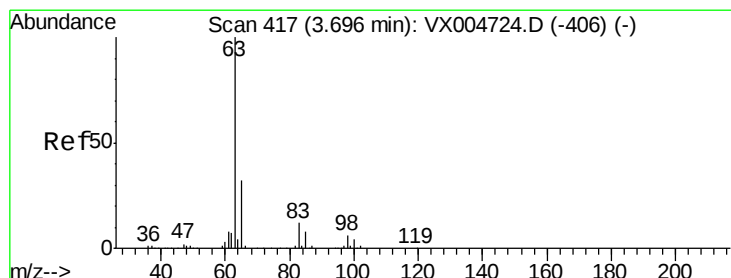
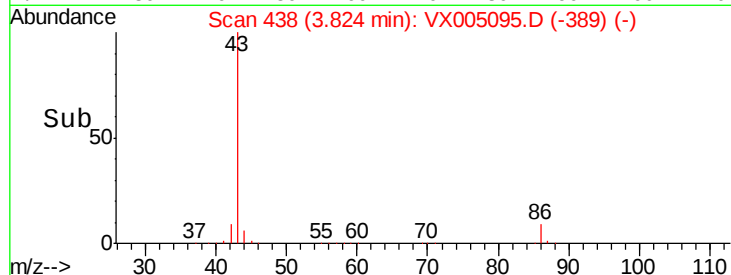
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.267 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

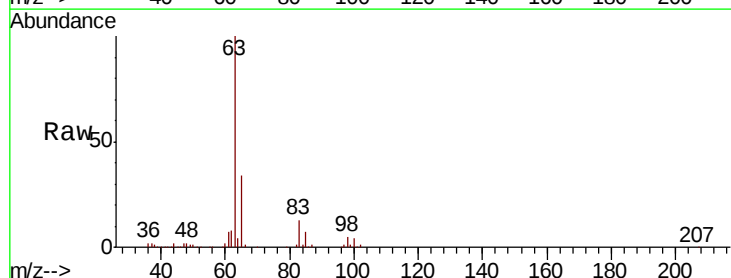
Tgt Ion: 63 Resp: 101972

Ion Ratio Lower Upper

63 100

98 5.5 3.0 9.2

100 4.1 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

50000

40000

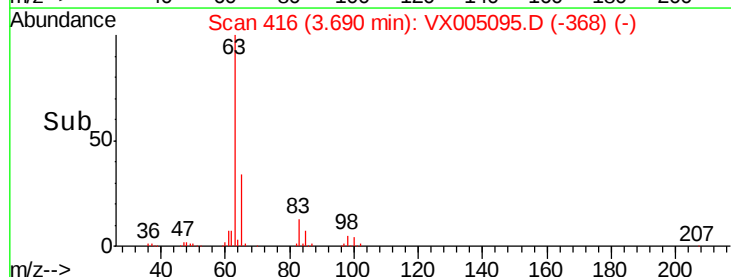
30000

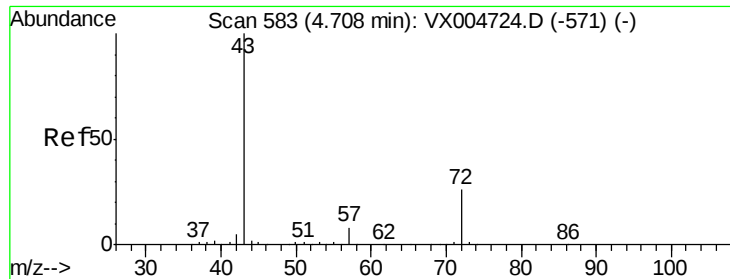
20000

10000

0

Time-->





#25

2-Butanone

Concen: 101.183 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion: 43 Resp: 263535

Ion Ratio Lower Upper

43 100

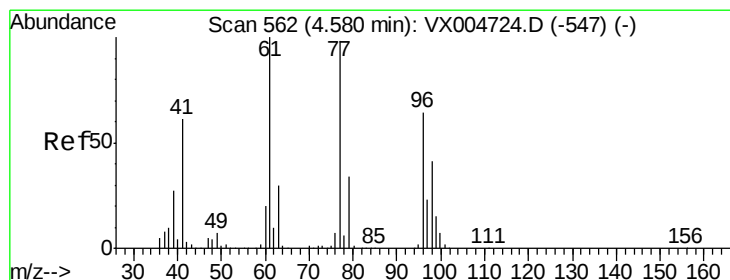
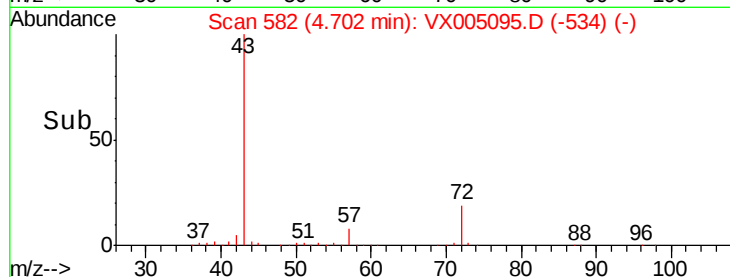
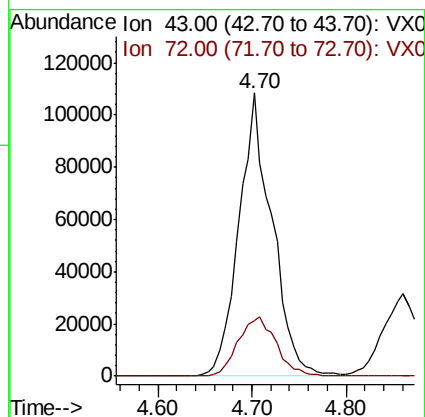
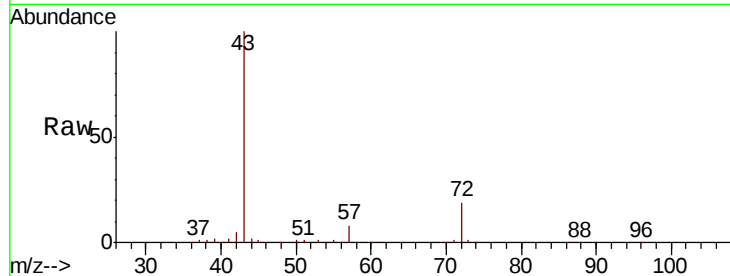
72 19.4 20.8 31.2#

Manual Integrations

APPROVED

MMDadoda

10/8/2018 2:02:43 PM



#26

2,2-Dichloropropane

Concen: 13.946 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005095.D

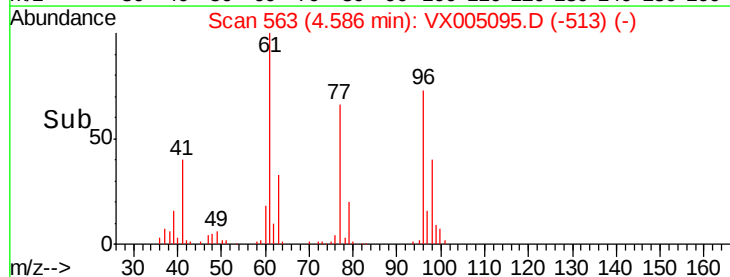
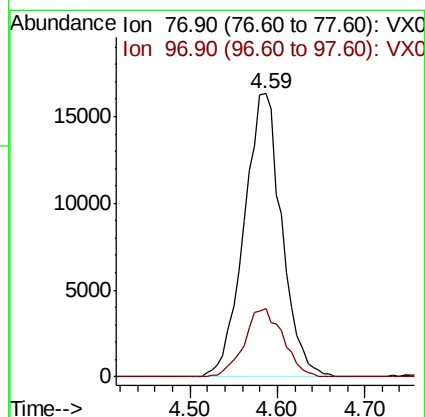
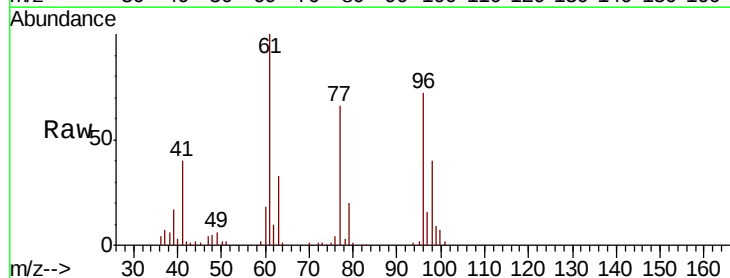
Acq: 06 Oct 2018 05:06

Tgt Ion: 77 Resp: 48861

Ion Ratio Lower Upper

77 100

97 24.9 12.6 37.8





#27

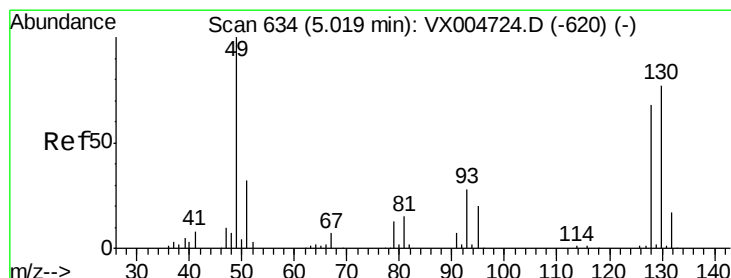
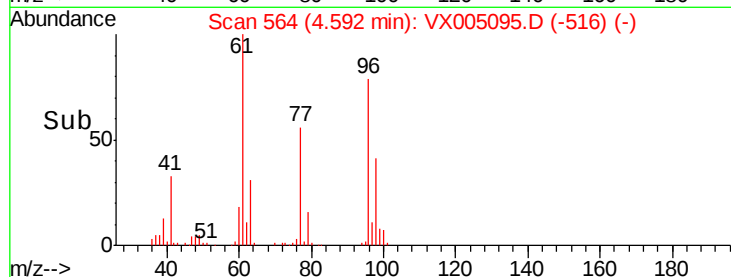
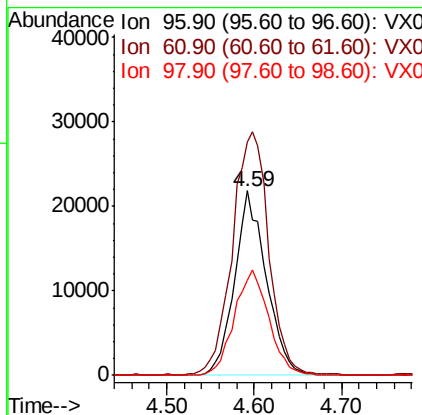
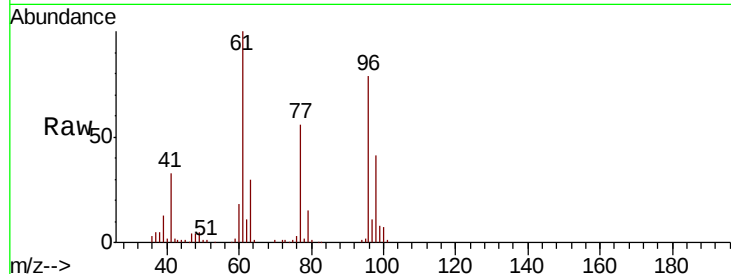
cis-1,2-Dichloroethene
Concen: 19.594 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.8	0.0	285.8	
98	62.1	0.0	136.2	

Manual Integrations
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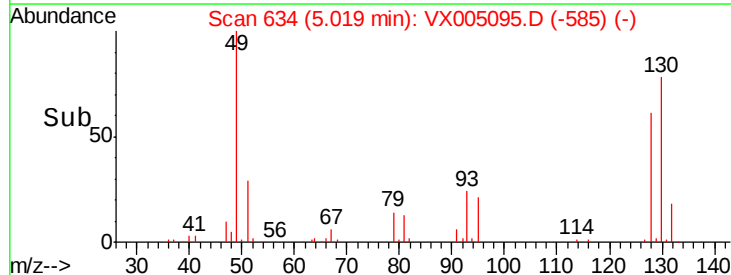
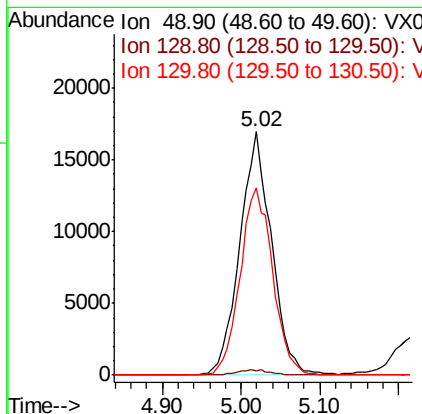
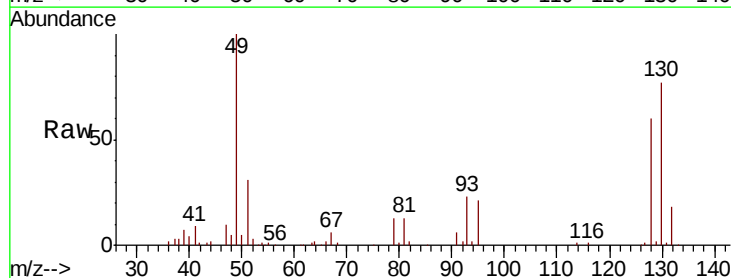
MMDadoda
10/8/2018 2:02:43 PM

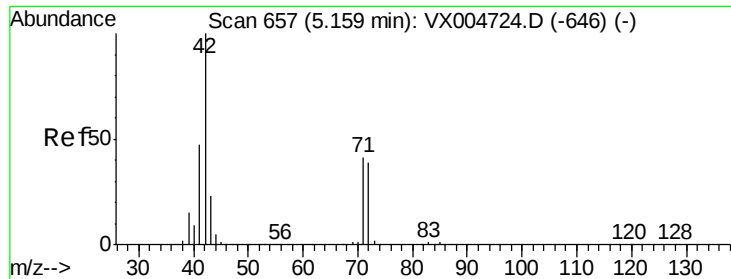


#28

Bromochloromethane
Concen: 19.995 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.3	0.0	4.2	
130	79.0	62.0	93.0	





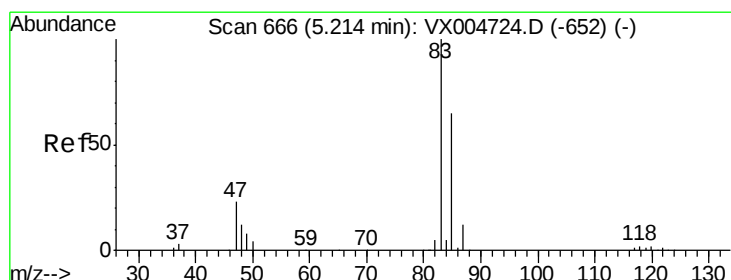
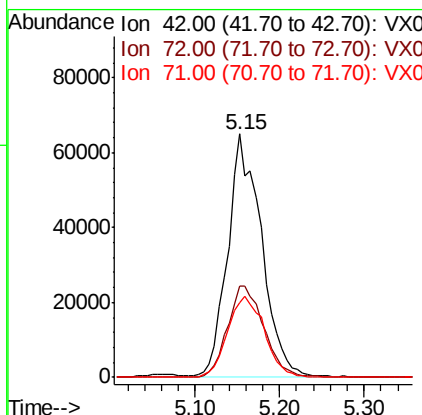
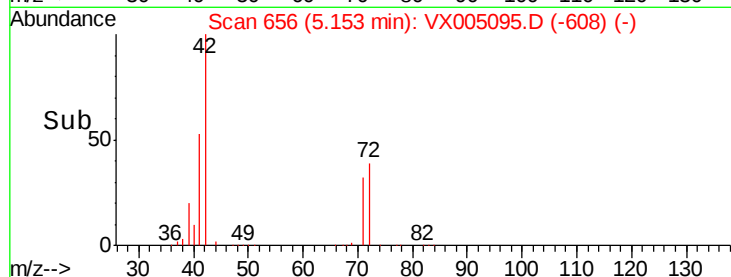
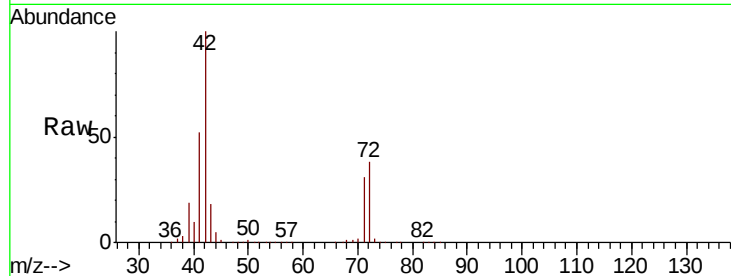
#29
Tetrahydrofuran
Concen: 108.661 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion:	42	Resp:	175902
Ion Ratio		Lower	Upper
42	100		
72	40.9	33.7	50.5
71	36.7	32.2	48.4

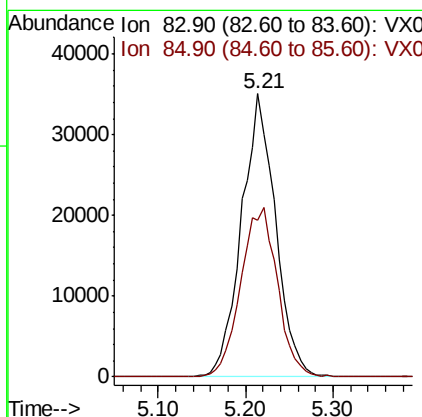
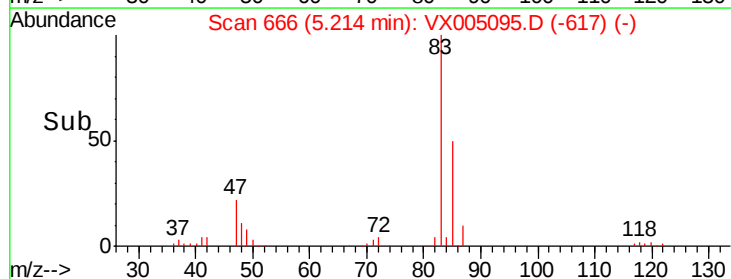
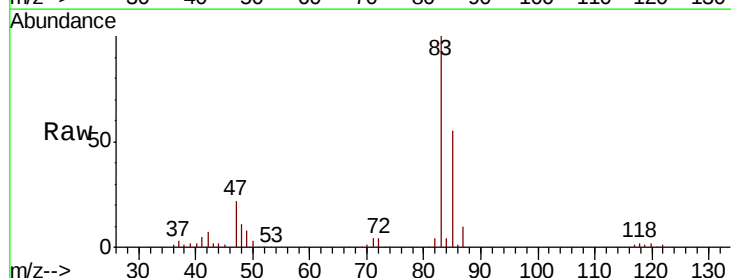
Manual Integrations
APPROVED

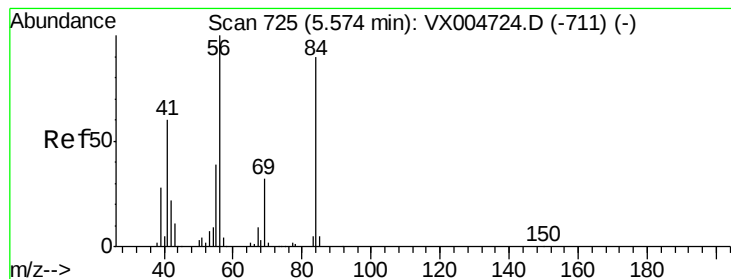
MMDadoda
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#30
Chloroform
Concen: 19.948 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion:	83	Resp:	94856
Ion Ratio		Lower	Upper
83	100		
85	55.5	52.4	78.6





#31

Cyclohexane

Concen: 19.875 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

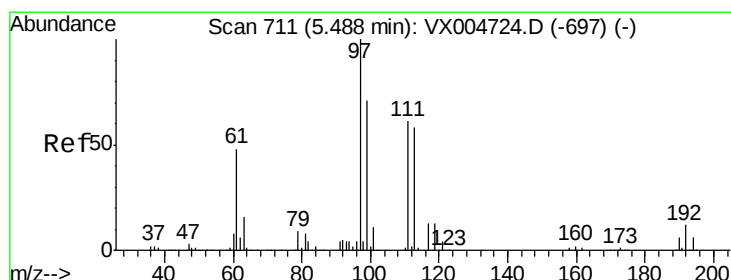
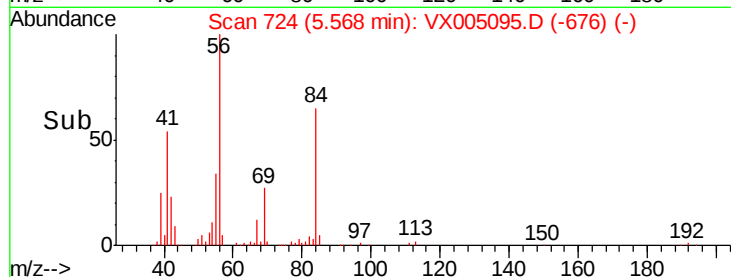
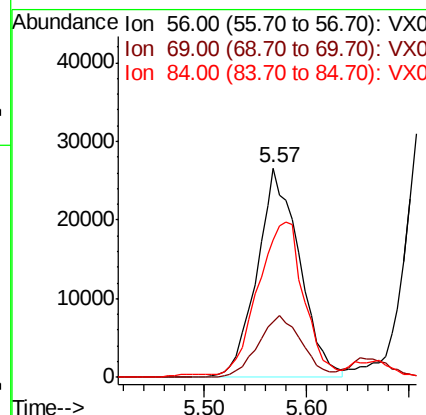
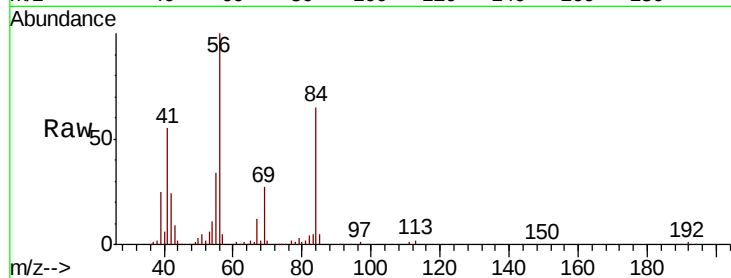
ClientSampleId :

VX1005WBSD02

Tot Ion:	56	Resp:	76536
Ion	Ratio	Lower	Upper
56	100		
69	26.5	25.9	38.9
84	64.2	71.9	107.9#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.619 ug/l

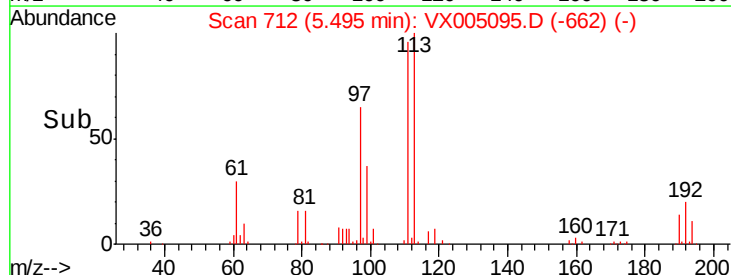
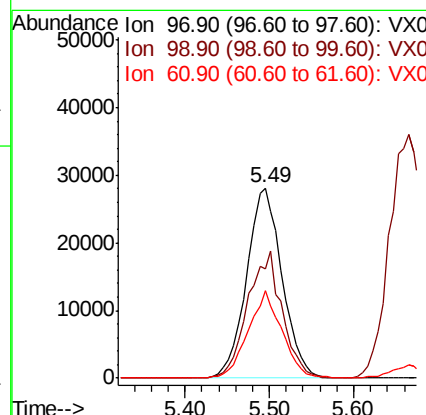
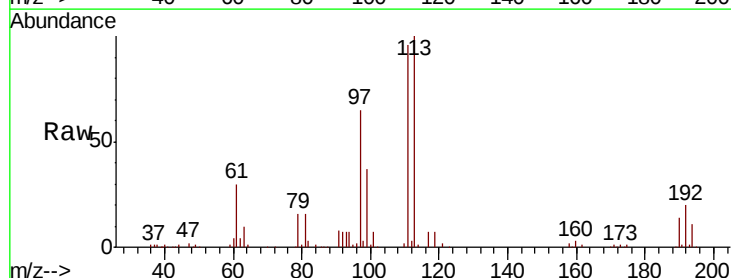
RT: 5.49 min Scan# 712

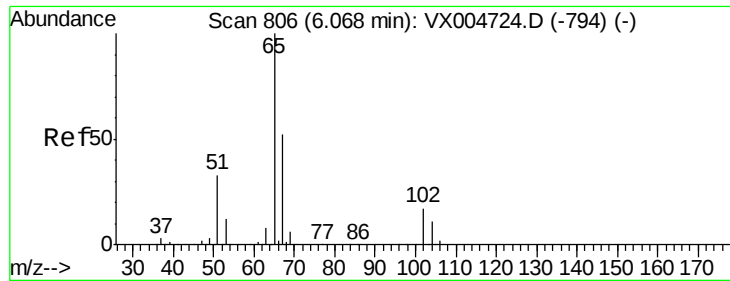
Delta R.T. 0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion:	97	Resp:	80074
Ion	Ratio	Lower	Upper
97	100		
99	64.9	54.6	82.0
61	43.8	37.5	56.3





#33

1,2-Dichloroethane-d4

Concen: 52.809 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampled :

VX1005WBSD02

Tot Ion: 65 Resp: 159829

Ion Ratio Lower Upper

65 100

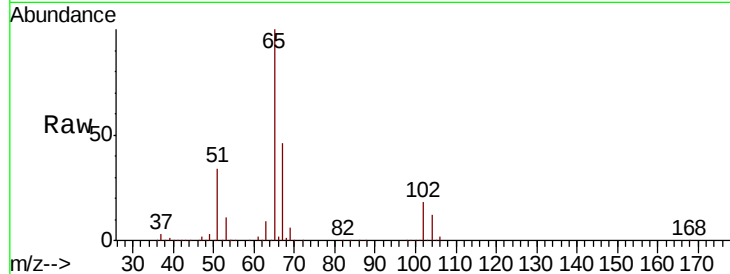
67 52.1 0.0 107.4

Manual Integrations

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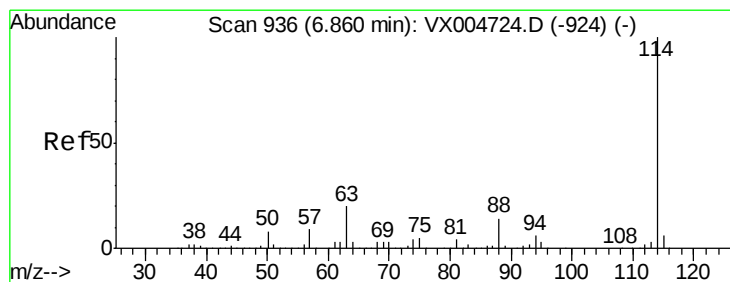
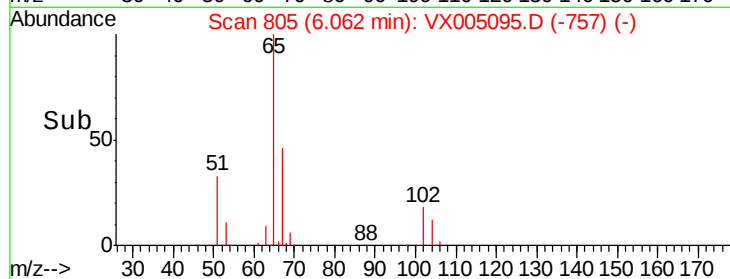
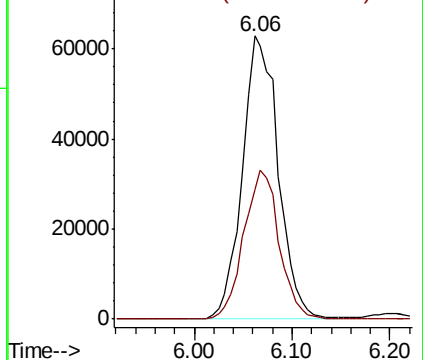
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

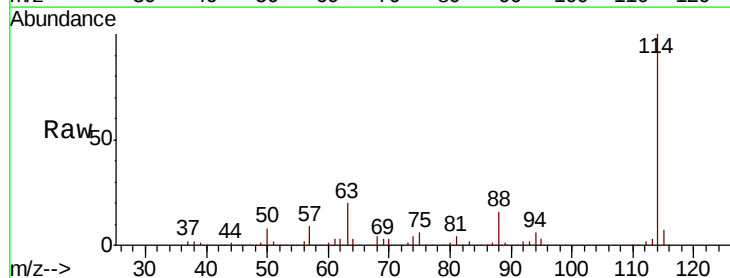
Tgt Ion: 114 Resp: 289984

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

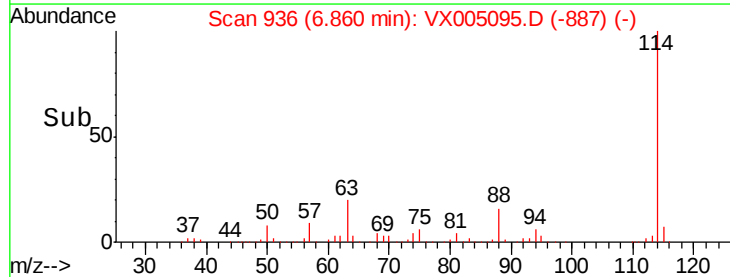
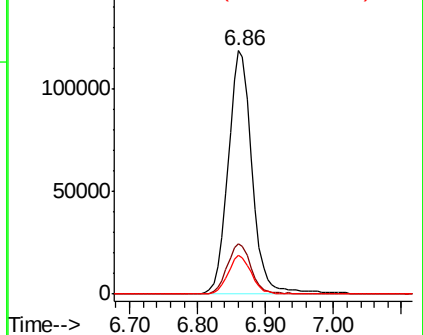
88 15.8 0.0 27.0

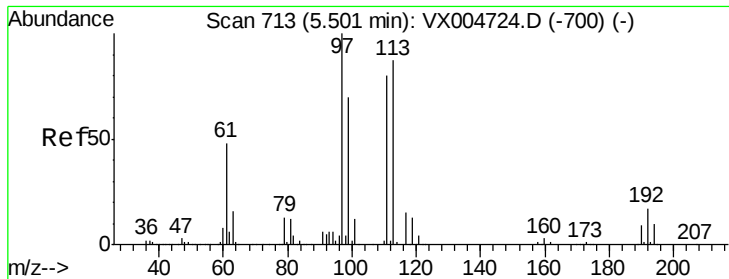


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.717 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

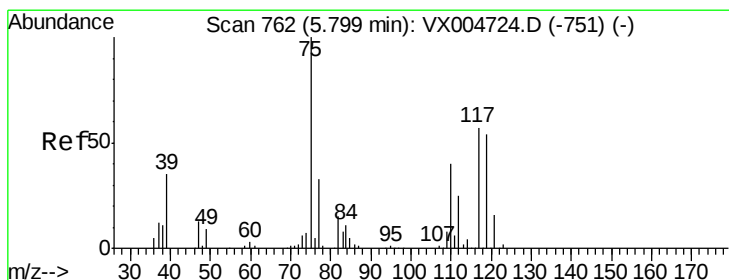
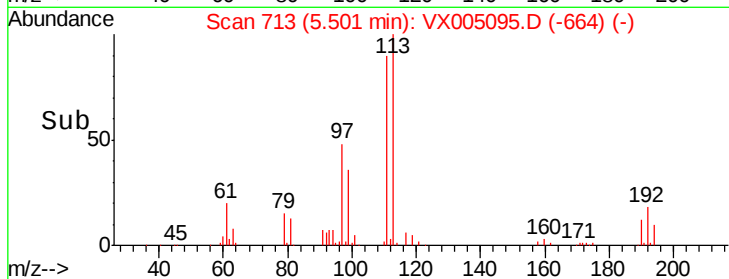
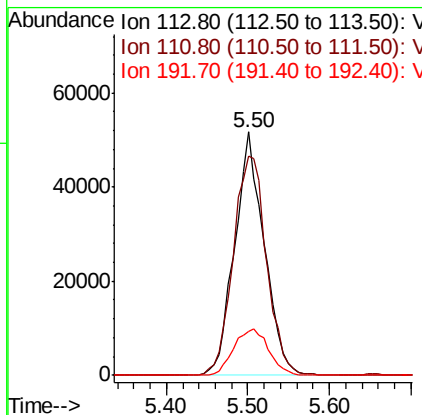
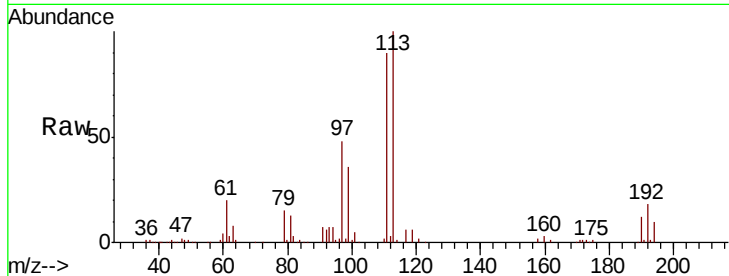
ClientSampleId :

VX1005WBSD02

Tot Ion:	113	Resp:	129561
Ion Ratio	Lower	Upper	
113	100		
111	101.3	77.0	115.4
192	22.5	17.0	25.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 18.994 ug/l

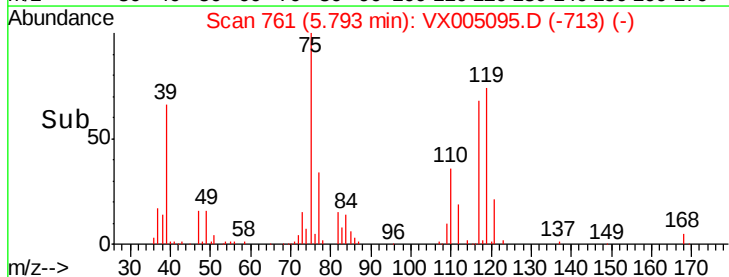
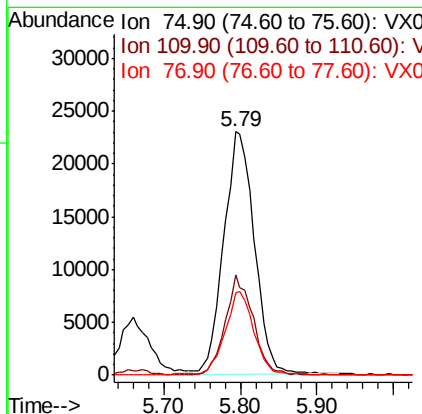
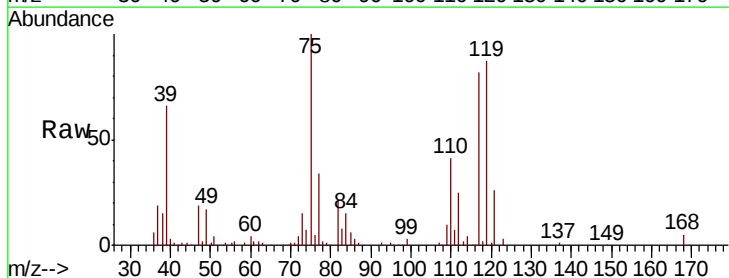
RT: 5.79 min Scan# 761

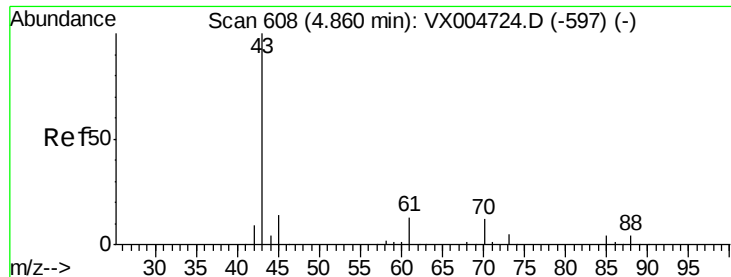
Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion:	75	Resp:	63689
Ion Ratio	Lower	Upper	
75	100		
110	37.4	20.0	59.9
77	31.6	27.1	40.7





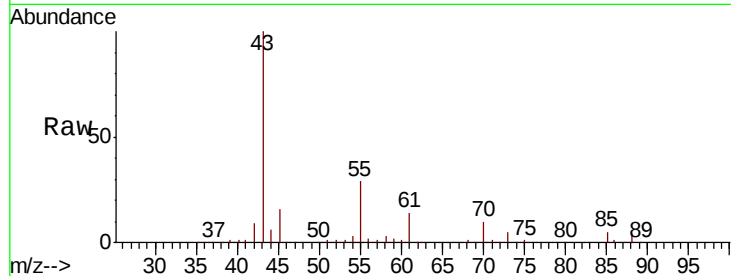
#37
Ethyl Acetate
Concen: 20.274 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	10.4	15.6
70	10.1	8.7	13.1

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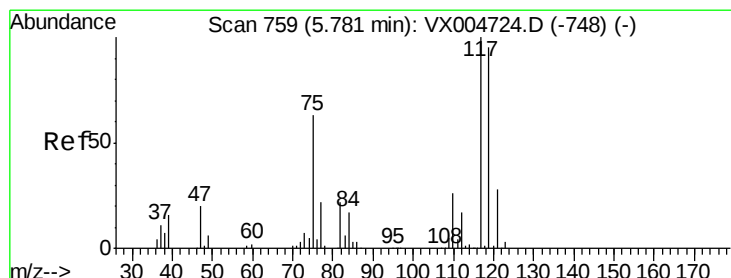
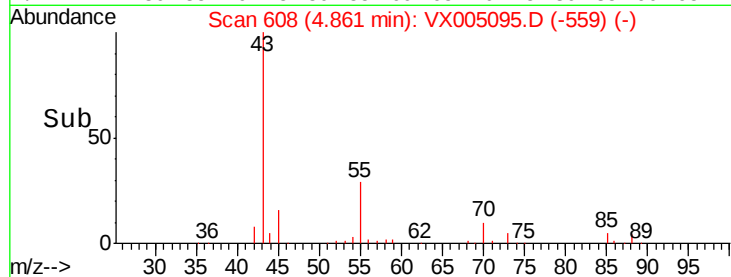
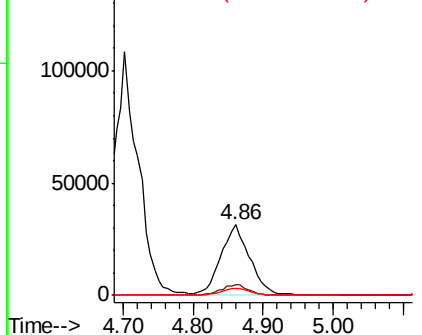


Abundance

Ion 43.00 (42.70 to 43.70): VX0

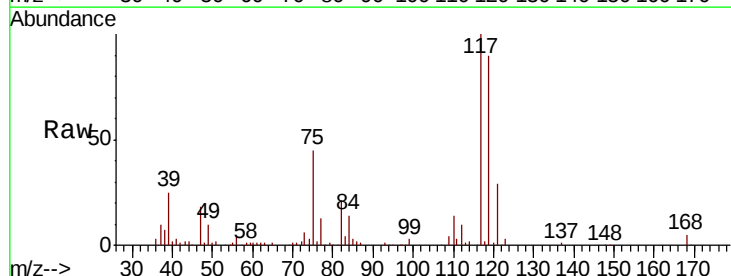
Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38
Carbon Tetrachloride
Concen: 19.288 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	75.2	112.8
121	28.8	22.5	33.7

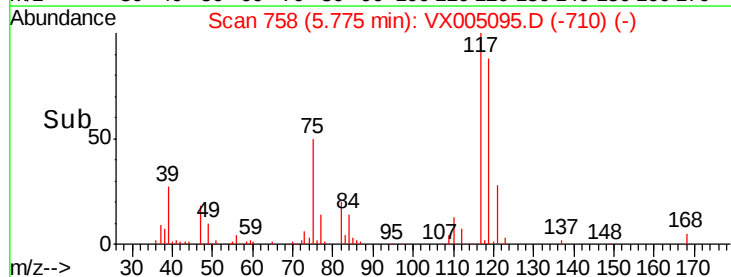
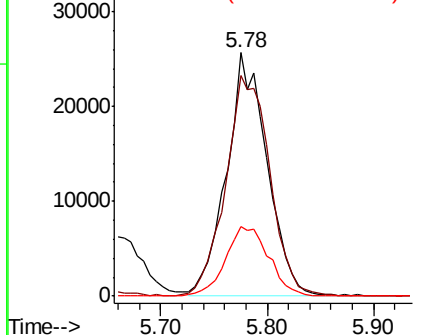


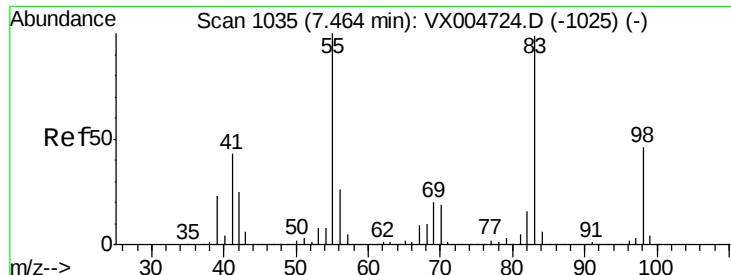
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





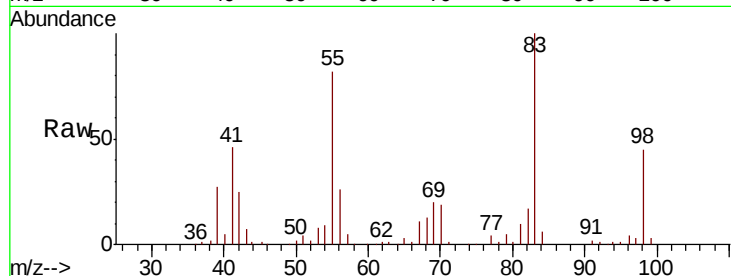
#39
Methvlcvclohexane
Concen: 18.953 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

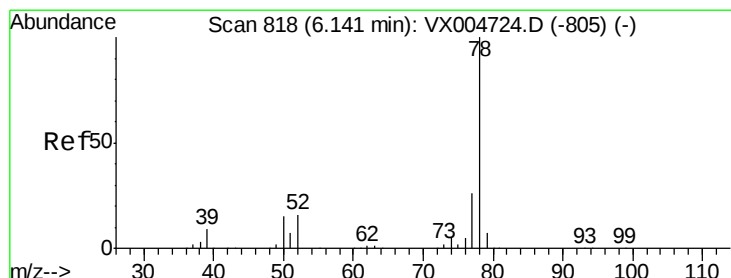
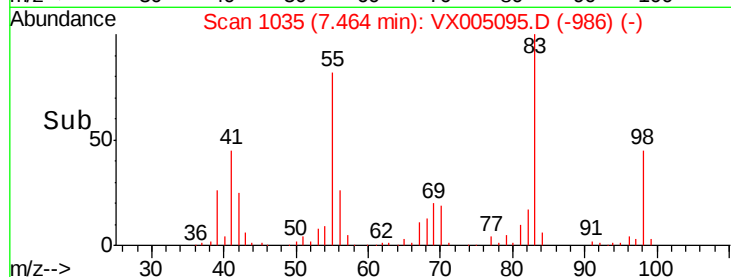
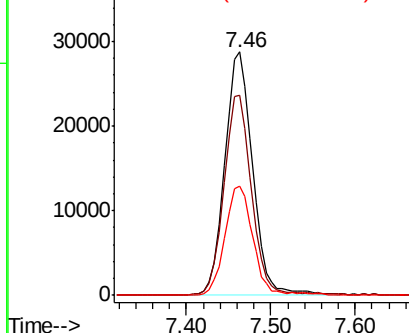
Tot Ion	Ratio	Lower	Upper
83	100		
55	81.8	81.1	121.7
98	45.0	37.3	55.9

Manual Integrations
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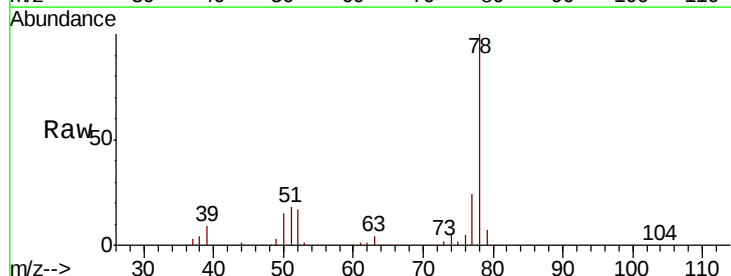


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

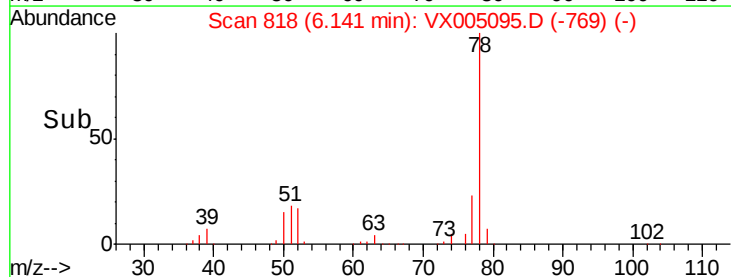
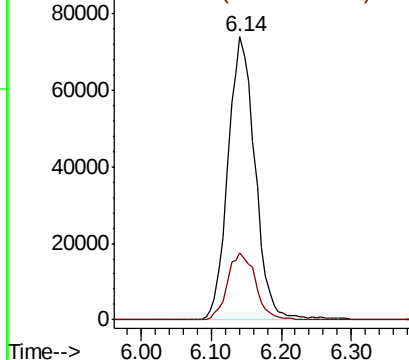


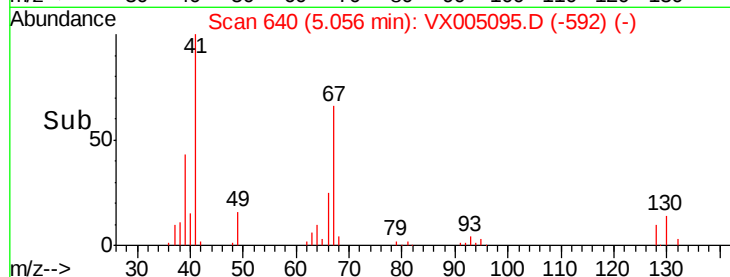
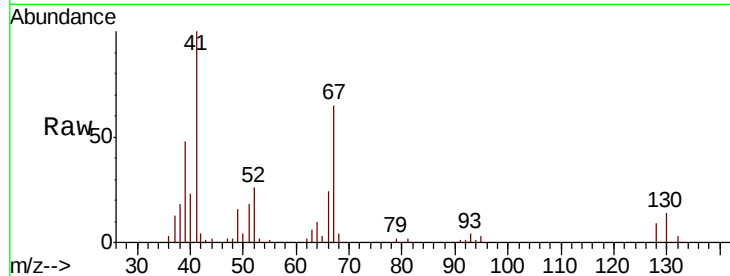
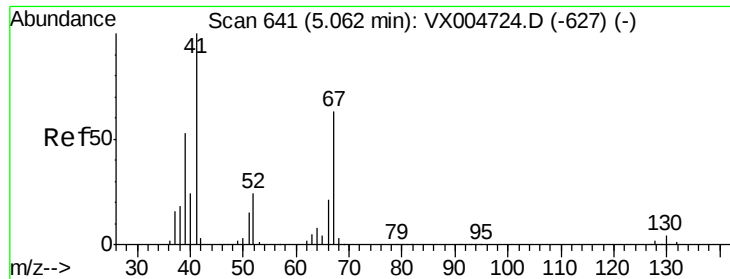
#40
Benzene
Concen: 18.928 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	21.0	31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





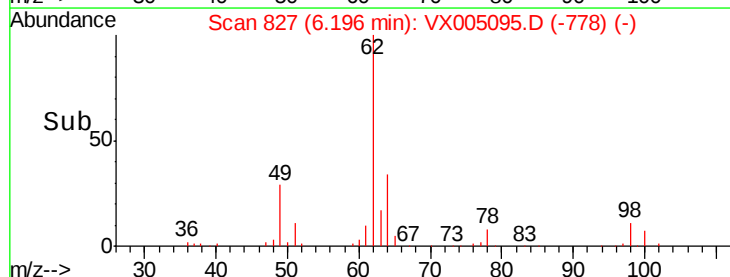
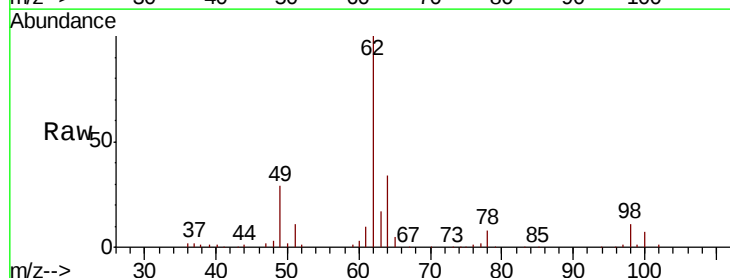
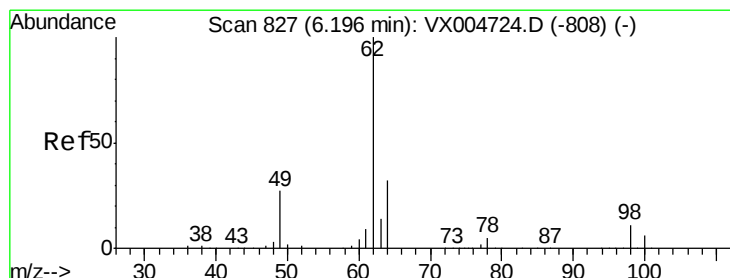
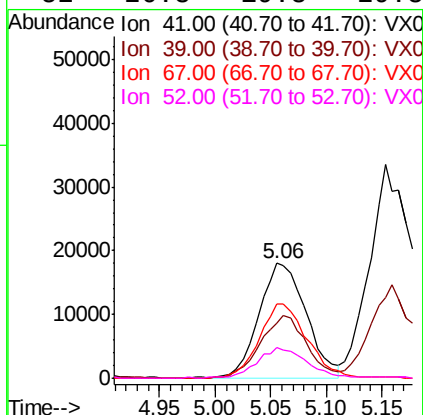
#41
Methacrylonitrile
Concen: 21.595 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.5	63.7
67	66.0	53.0	79.6
52	26.8	19.8	29.8

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

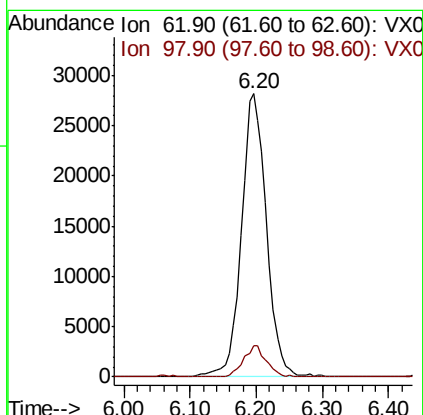
Manual Integrations
APPROVED

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10/8/2018 2:02:43 PM



#42
1,2-Dichloroethane
Concen: 19.945 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





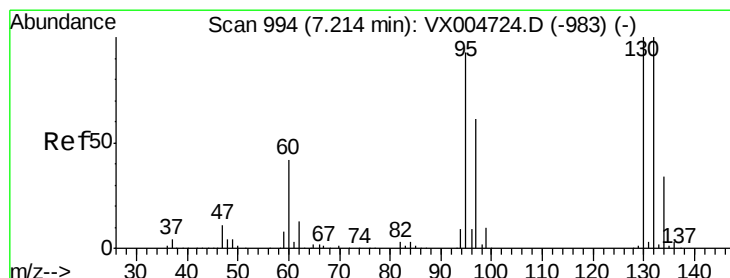
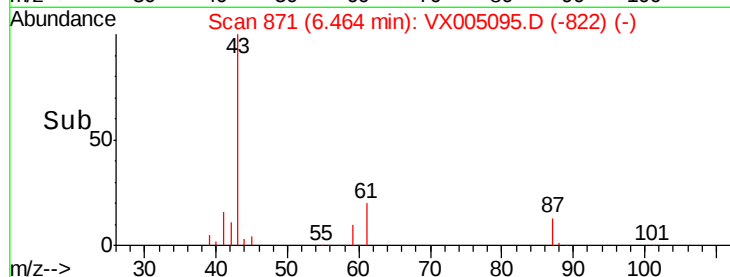
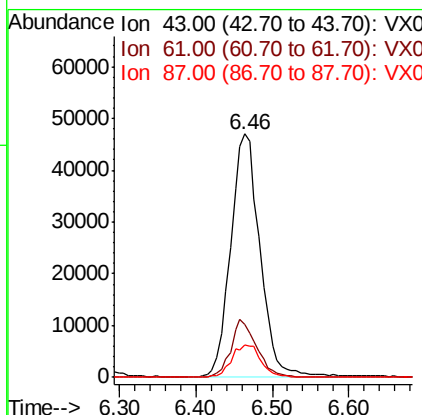
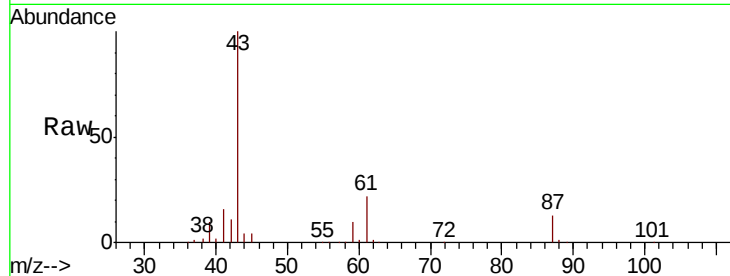
#43
Isopropyl Acetate
Concen: 19.363 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	14.2	21.4
87	13.4	9.3	13.9

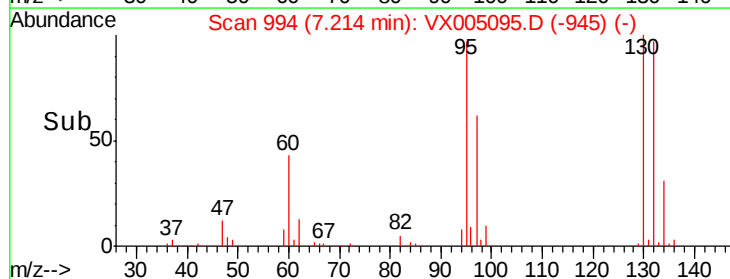
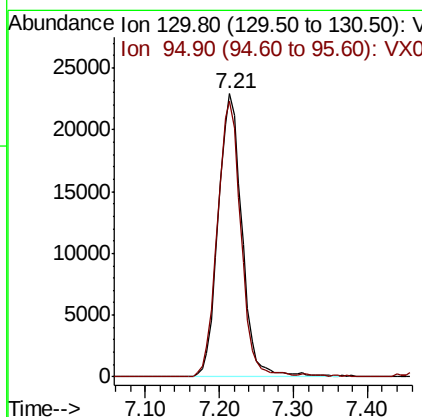
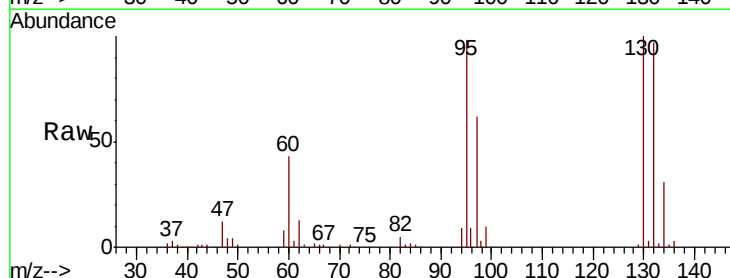
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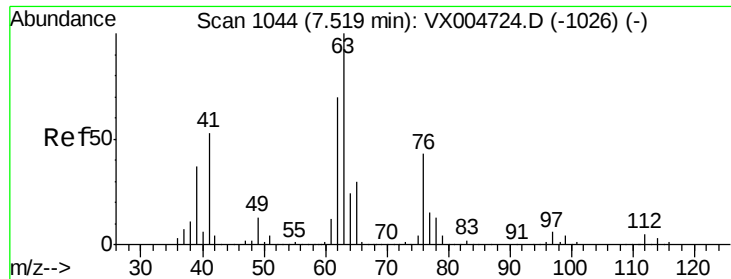
MMDadoda
10/8/2018 2:02:43 PM



#44
Trichloroethene
Concen: 19.720 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	186.8





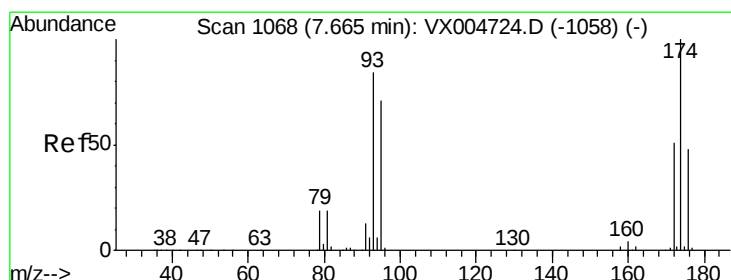
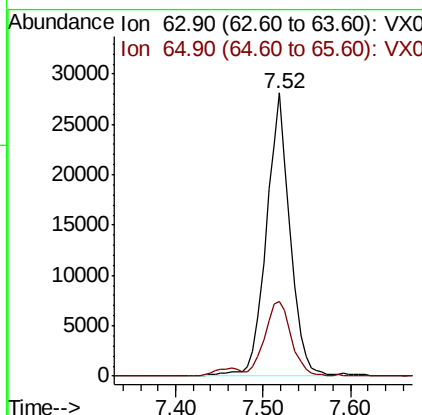
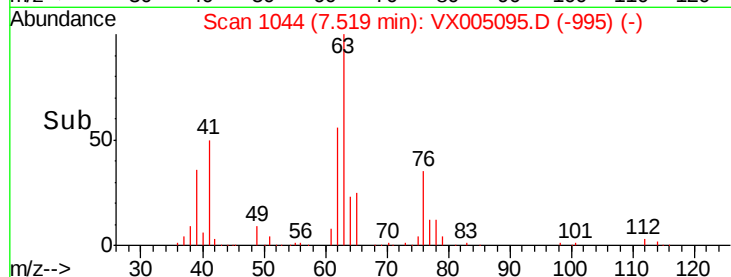
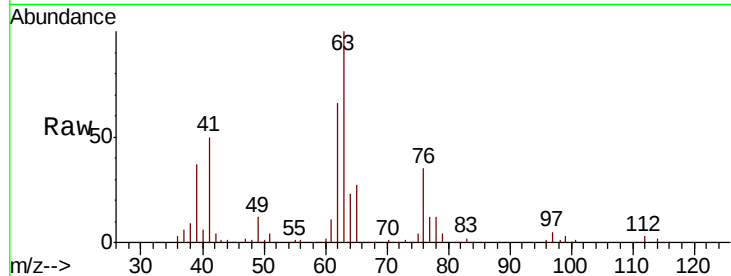
#45
 1,2-Dichloropropane
 Concen: 20.754 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

Tot Ion: 63 Resp: 53429
 Ion Ratio Lower Upper
 63 100
 65 26.5 23.9 35.9

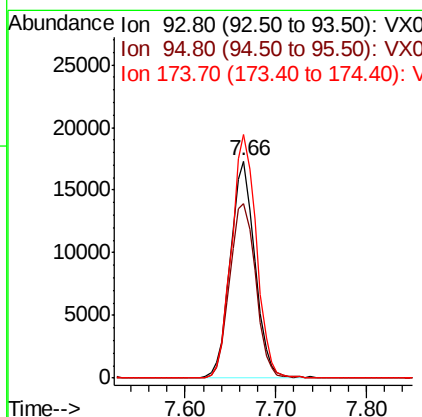
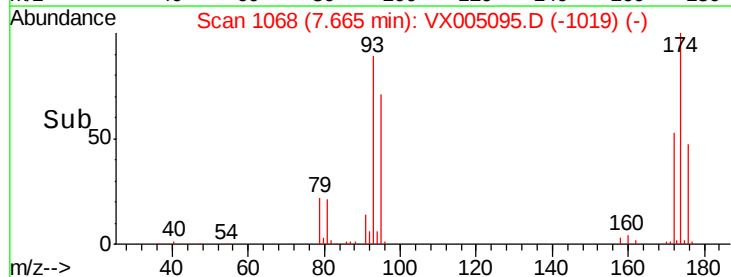
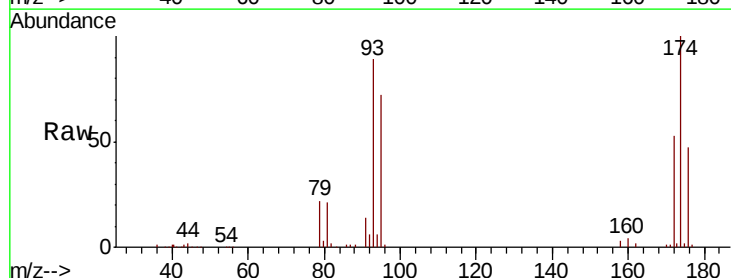
Manual Integrations
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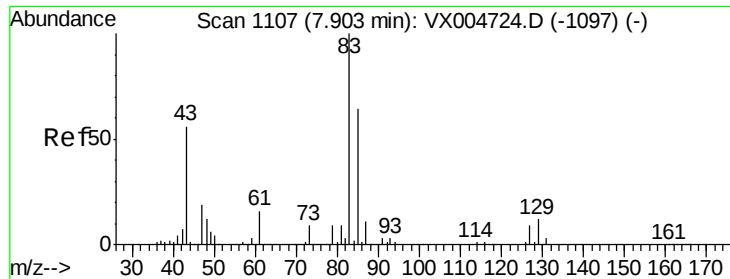
MMDadoda
 10/8/2018 2:02:43 PM



#46
 Dibromomethane
 Concen: 20.167 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion: 93 Resp: 32628
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.7 100.1
 174 113.7 92.7 139.1





#47

Bromodichloromethane

Concen: 20.645 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

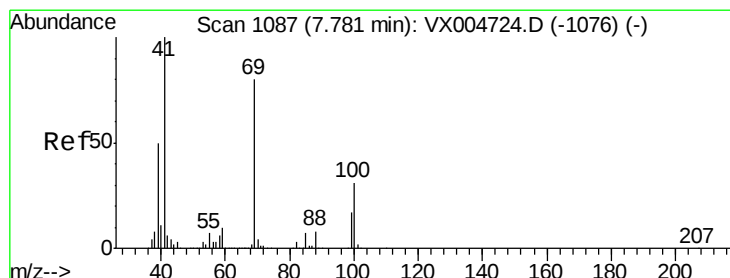
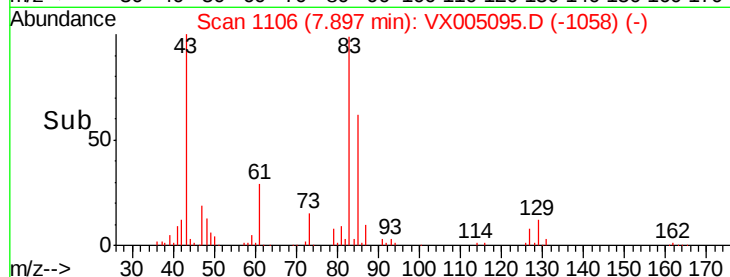
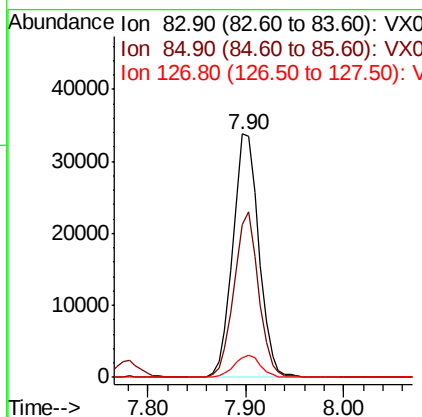
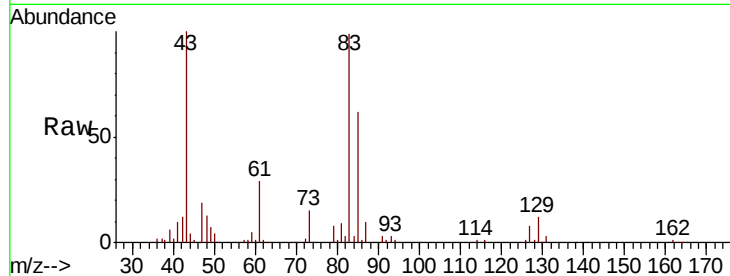
ClientSampleId :

VX1005WBSD02

Tot Ion:	83	Resp:	62535
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.2	76.8
127	8.2	7.0	10.6

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#48

Methyl methacrylate

Concen: 21.314 ug/l

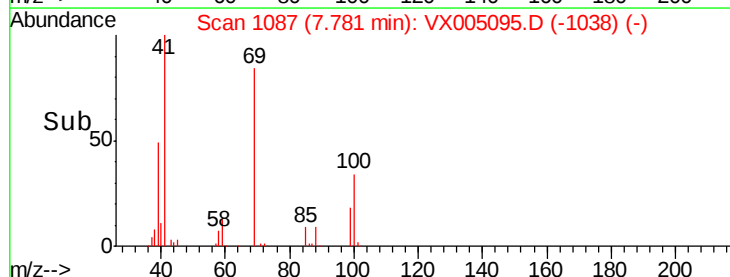
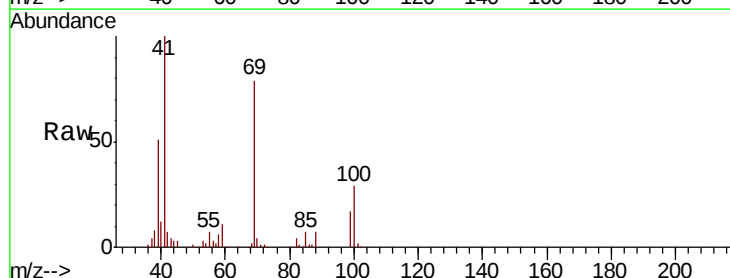
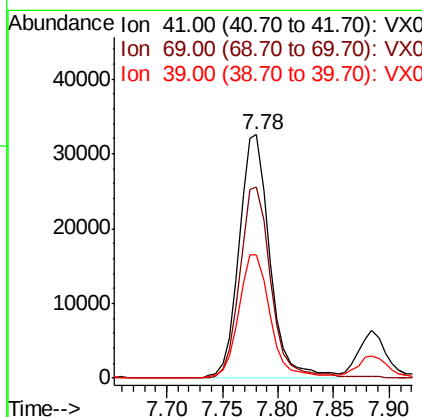
RT: 7.78 min Scan# 1087

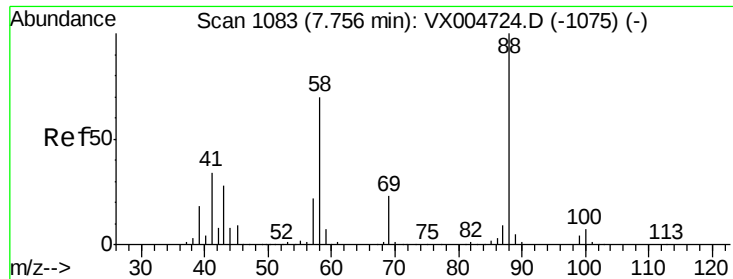
Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion:	41	Resp:	62151
Ion Ratio	Lower	Upper	
41	100		
69	80.7	63.8	95.6
39	52.1	40.7	61.1





#49

1,4-Dioxane

Concen: 392.519 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

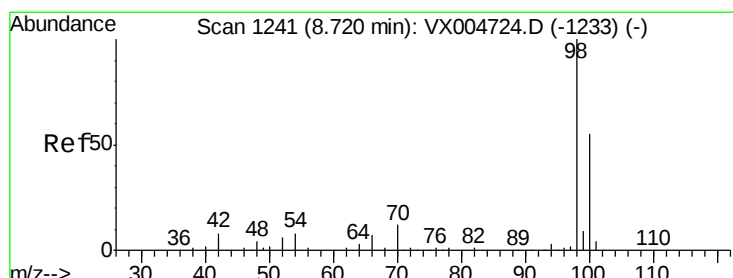
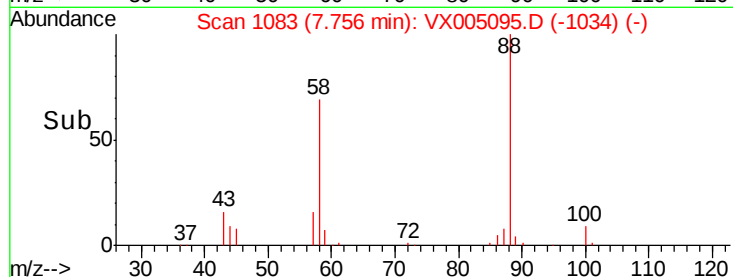
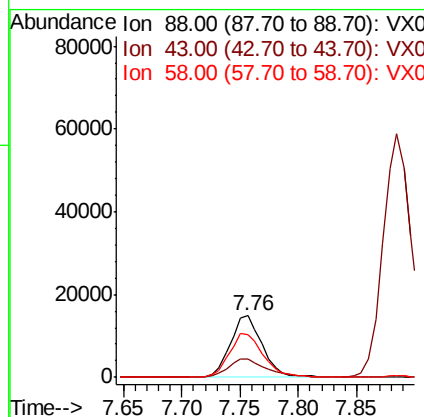
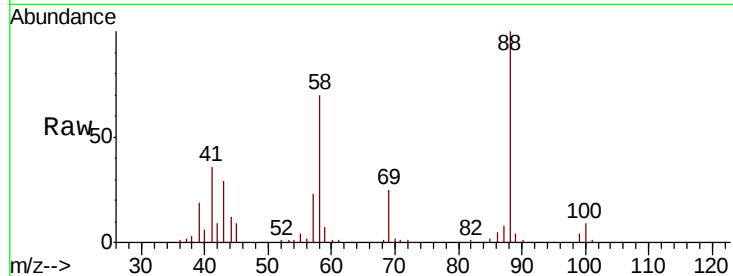
ClientSampleId :

VX1005WBSD02

Tot Ion:	88	Resp:	28435
Ion	Ratio	Lower	Upper
88	100		
43	34.2	25.1	37.7
58	75.5	56.2	84.2

Manual Integrations
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#50

Toluene-d8

Concen: 53.311 ug/l

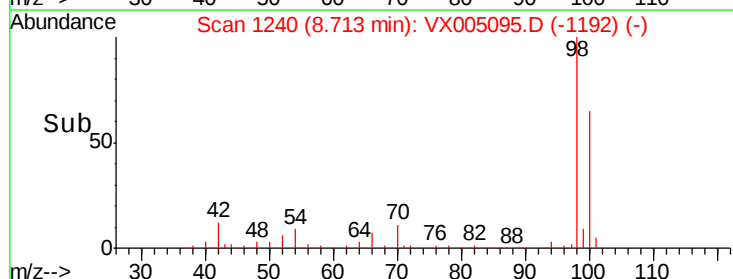
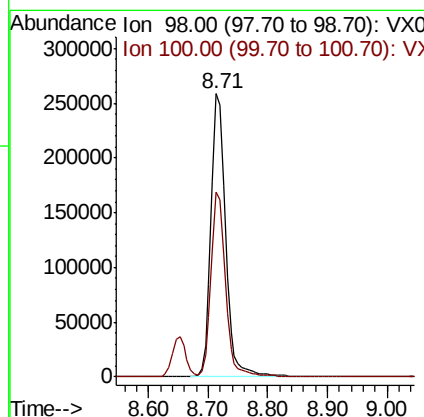
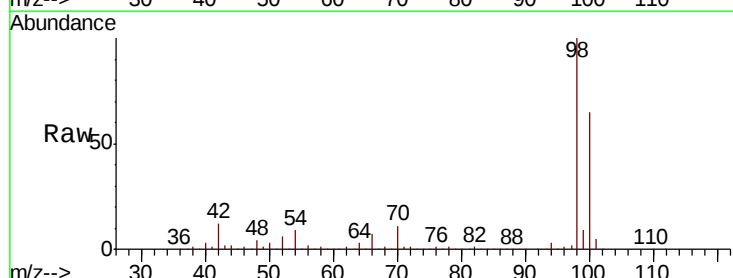
RT: 8.71 min Scan# 1240

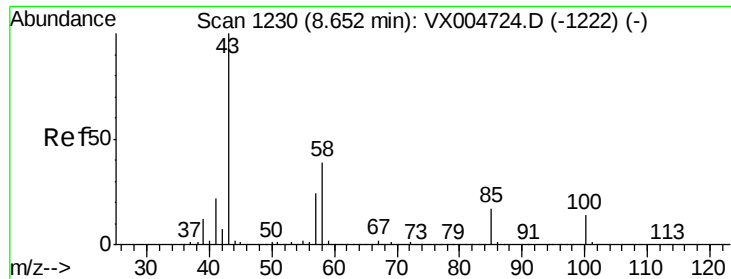
Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion:	98	Resp:	435575
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 109.434 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion: 43 Resp: 442665

Ion Ratio Lower Upper

43 100

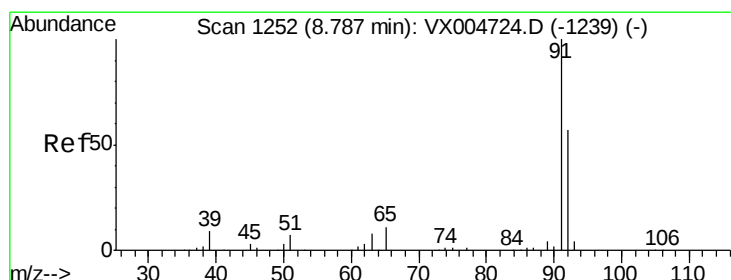
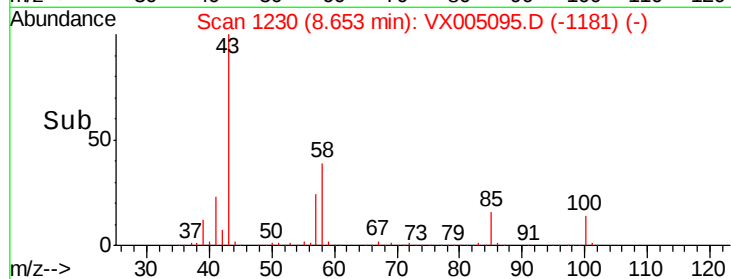
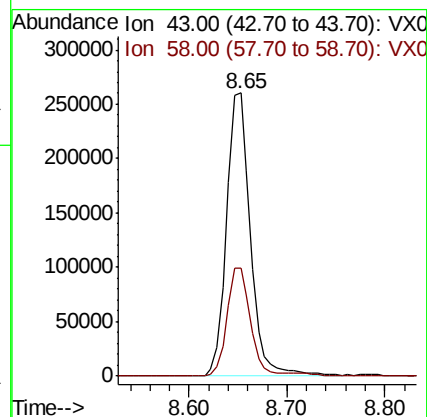
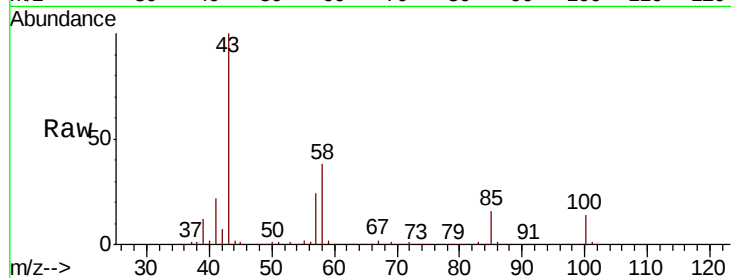
58 37.3 30.5 45.7

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#52

Toluene

Concen: 20.301 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005095.D

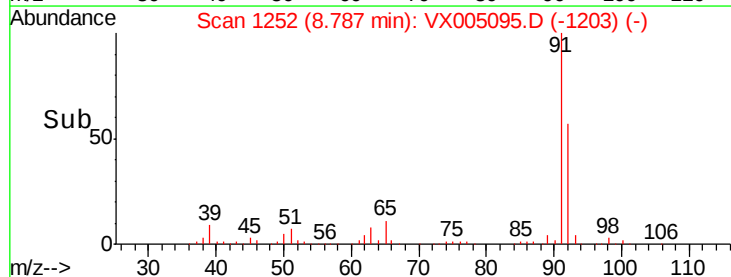
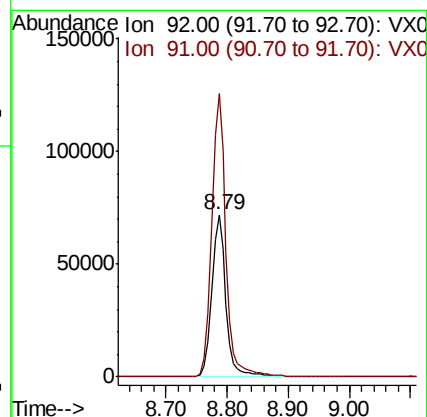
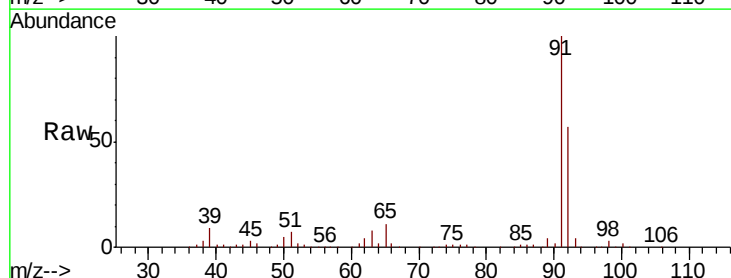
Acq: 06 Oct 2018 05:06

Tgt Ion: 92 Resp: 117102

Ion Ratio Lower Upper

92 100

91 175.0 136.7 205.1





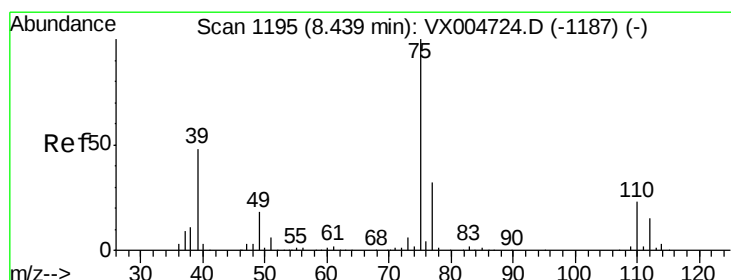
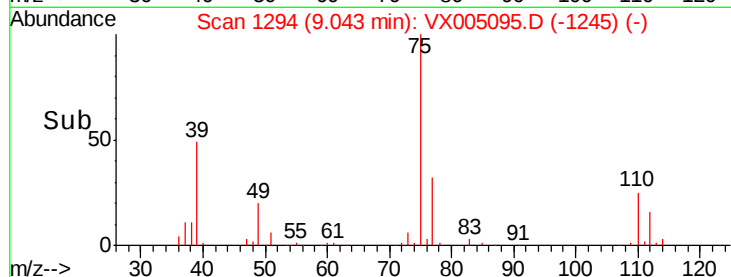
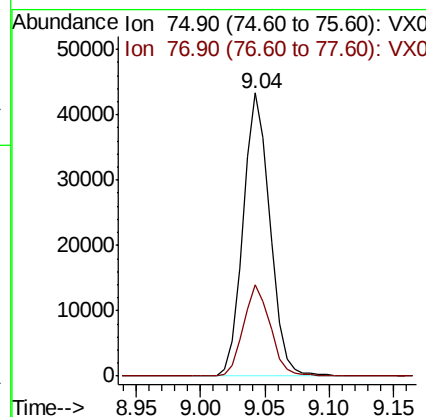
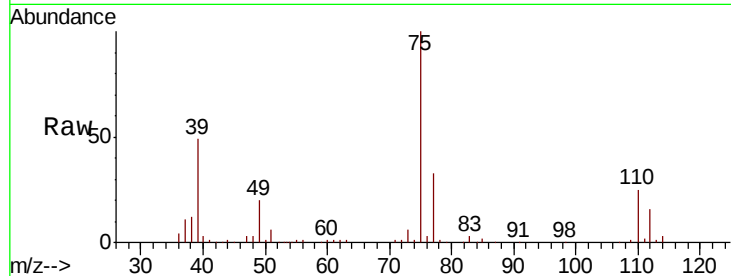
#53
 t-1,3-Dichloropropene
 Concen: 18.166 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

Tot Ion: 75 Resp: 62182
 Ion Ratio Lower Upper
 75 100
 77 32.5 28.9 43.3

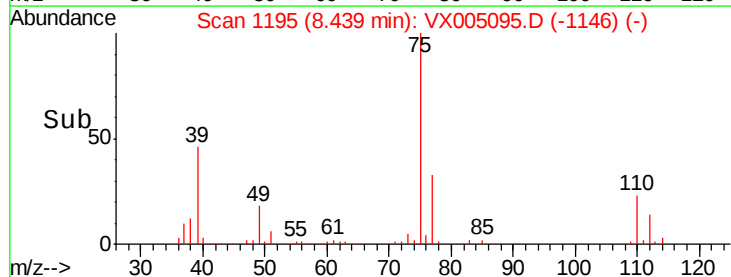
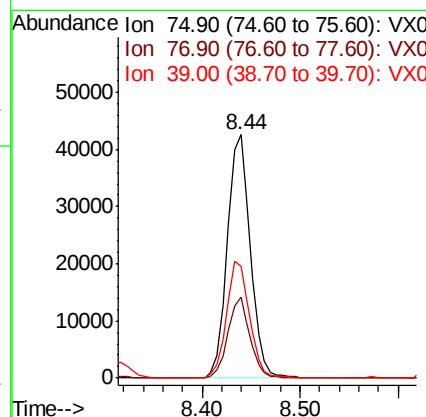
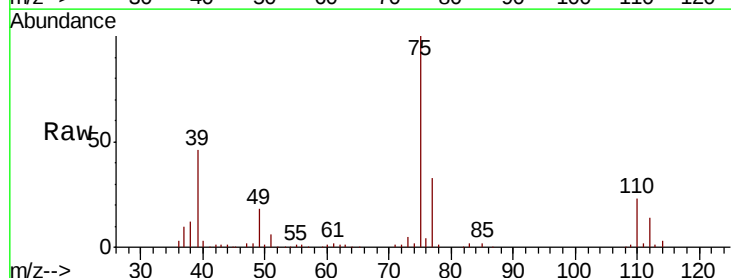
Manual Integrations
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#54
 cis-1,3-Dichloropropene
 Concen: 19.443 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion: 75 Resp: 69709
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.7 38.5
 39 45.6 38.3 57.5





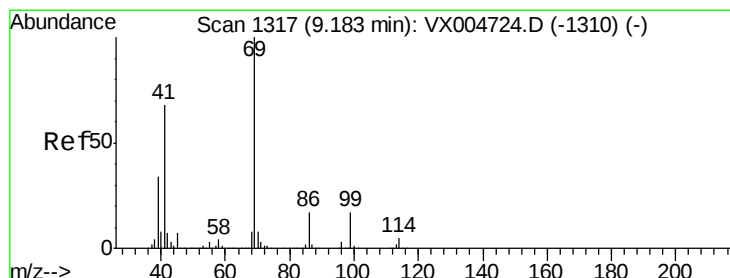
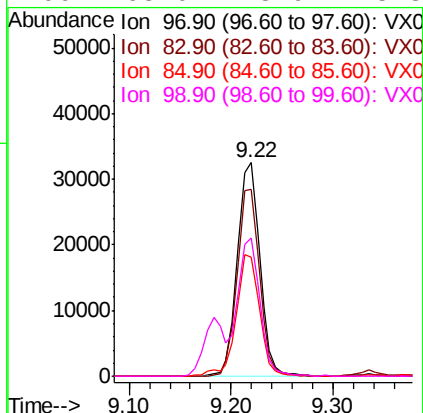
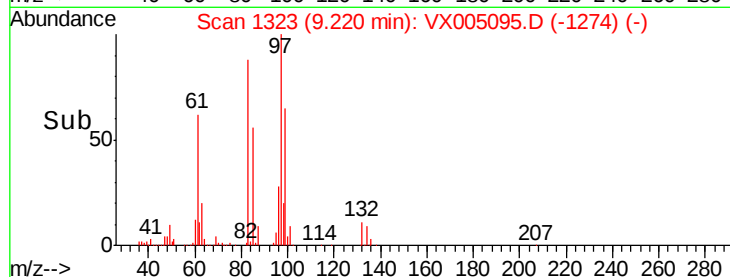
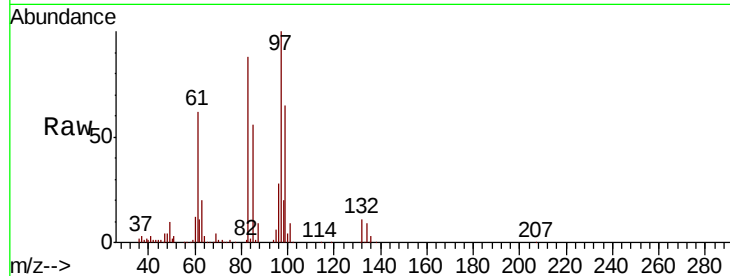
#55
 1,1,2-Trichloroethane
 Concen: 19.702 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

Tot Ion:	97	Resp:	49781
Ion	Ratio	Lower	Upper
97	100		
83	87.5	68.2	102.2
85	55.6	49.9	74.9
99	65.0	48.9	73.3

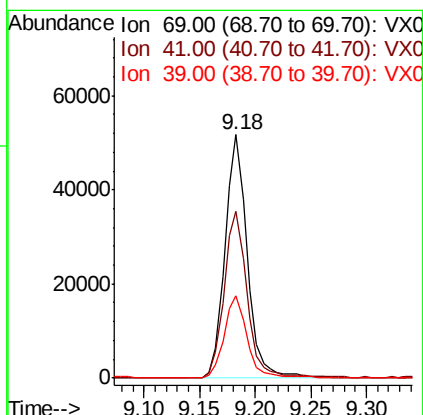
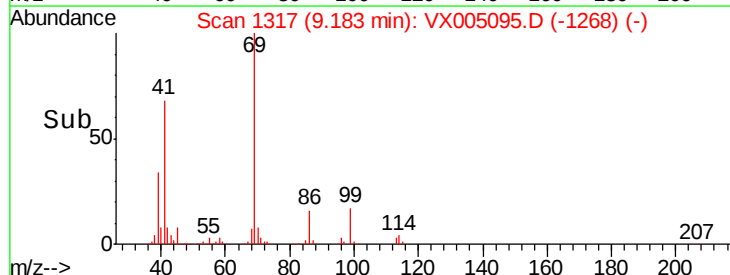
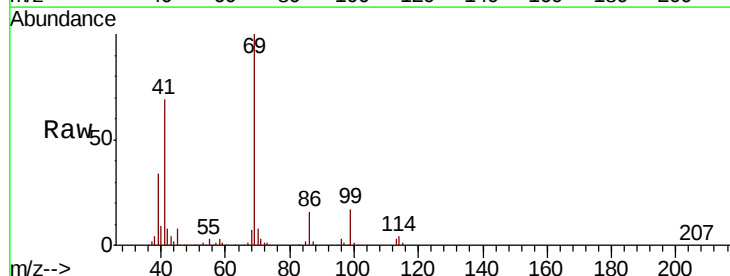
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#56
 Ethyl methacrylate
 Concen: 19.384 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion:	69	Resp:	71855
Ion	Ratio	Lower	Upper
69	100		
41	70.6	56.9	85.3
39	34.6	28.4	42.6





#57

1,3-Dichloropropane

Concen: 19.829 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion: 76 Resp: 83388

Ion Ratio Lower Upper

76 100

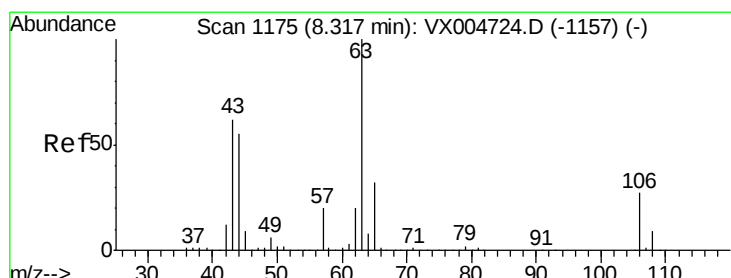
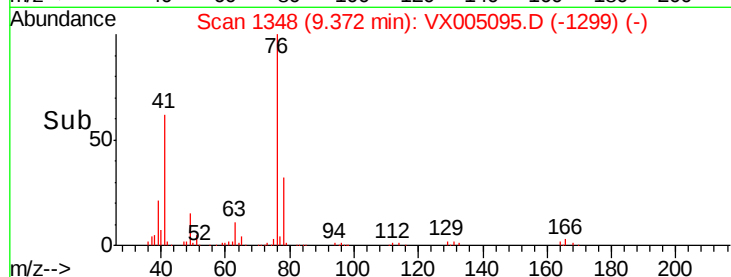
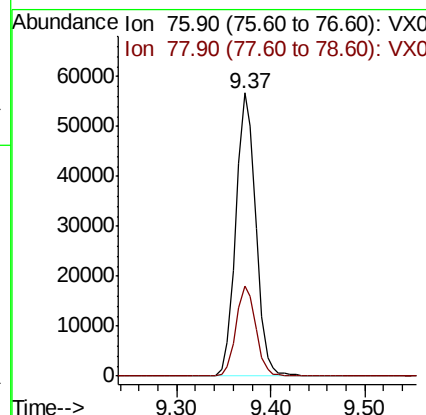
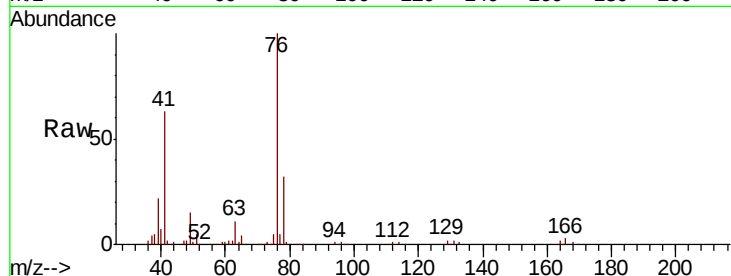
78 31.6 26.6 40.0

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#58

2-Chloroethyl Vinyl ether

Concen: 109.815 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005095.D

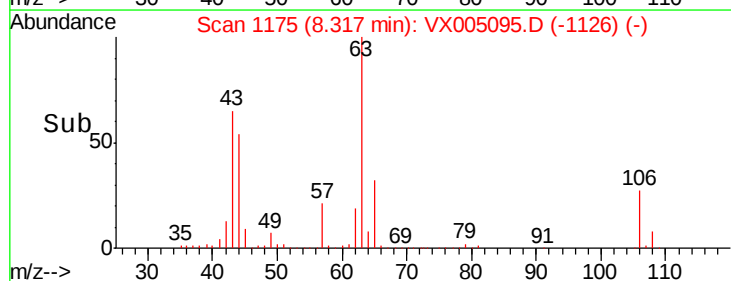
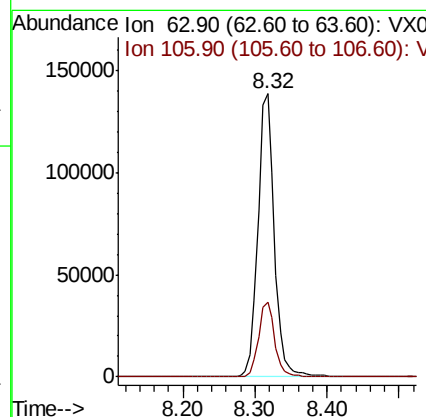
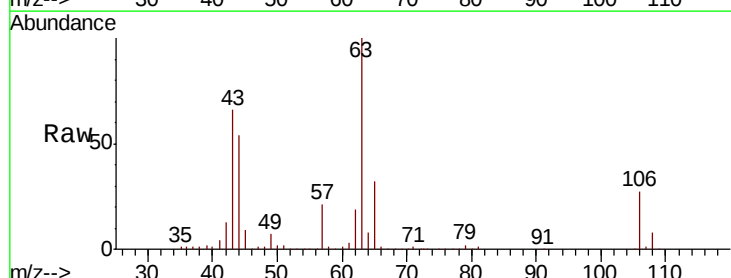
Acq: 06 Oct 2018 05:06

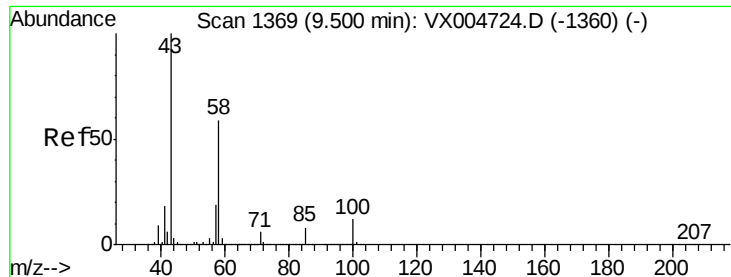
Tgt Ion: 63 Resp: 220644

Ion Ratio Lower Upper

63 100

106 26.4 21.0 31.6





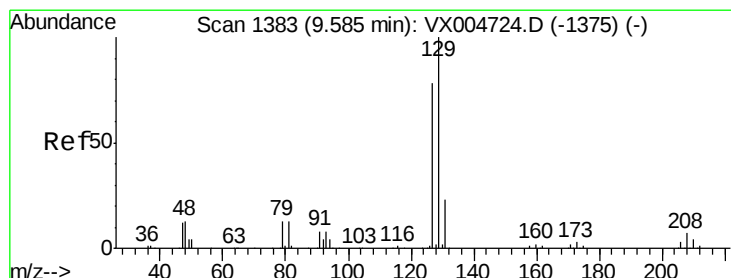
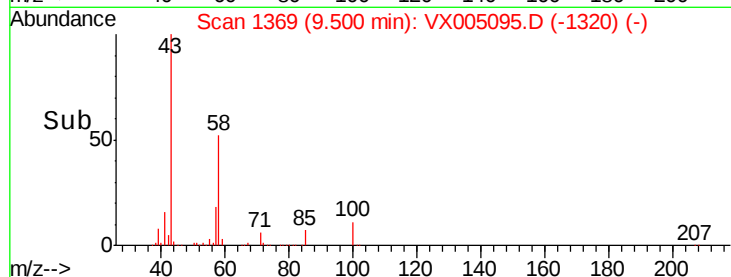
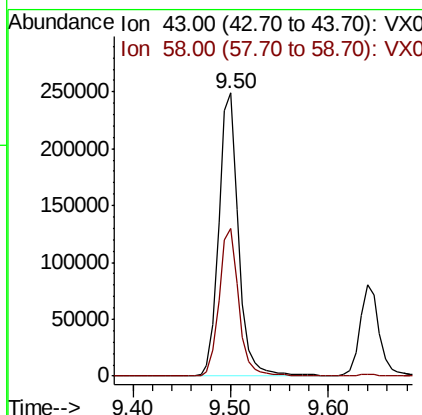
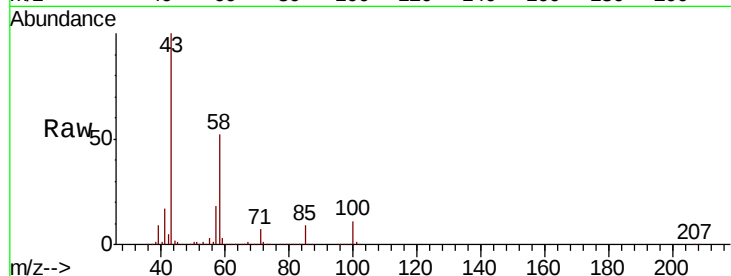
#59
2-Hexanone
Concen: 102.603 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion: 43 Resp: 345854
Ion Ratio Lower Upper
43 100
58 52.3 28.4 85.3

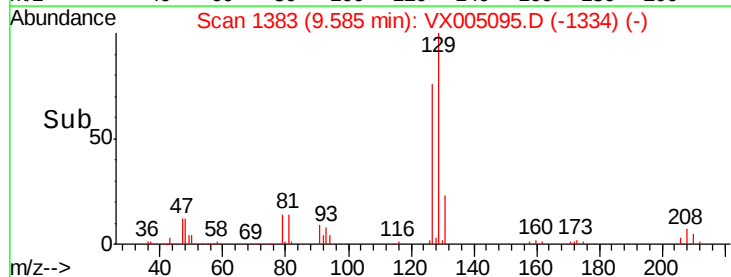
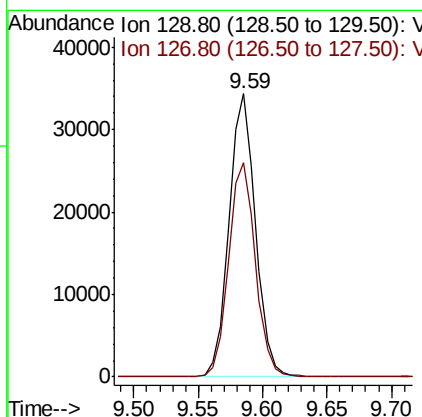
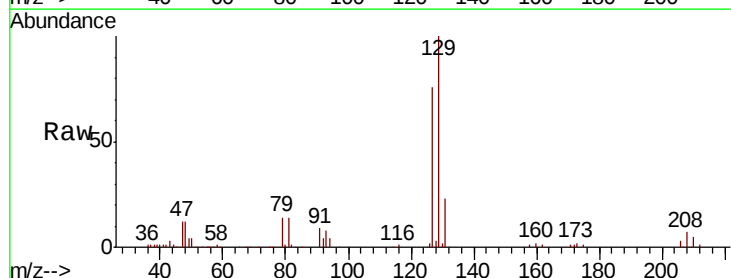
Manual Integrations
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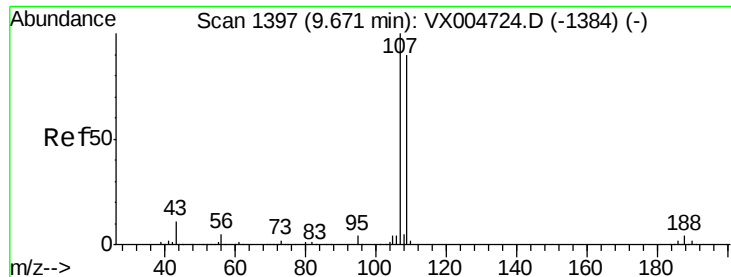
MMDadoda
10/8/2018 2:02:43 PM



#60
Dibromochloromethane
Concen: 19.528 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion: 129 Resp: 49346
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2





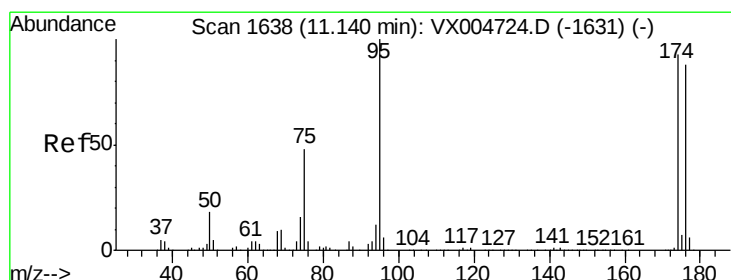
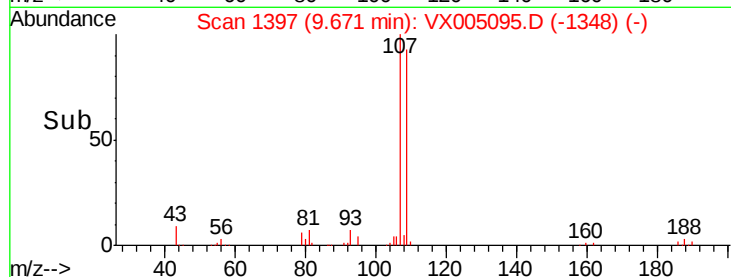
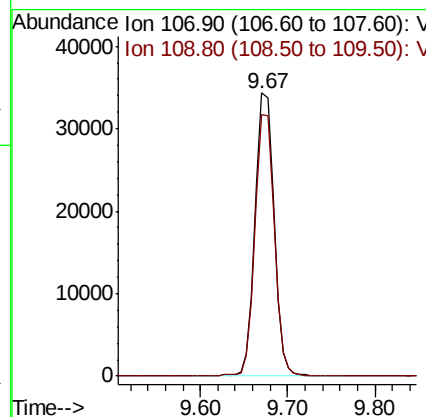
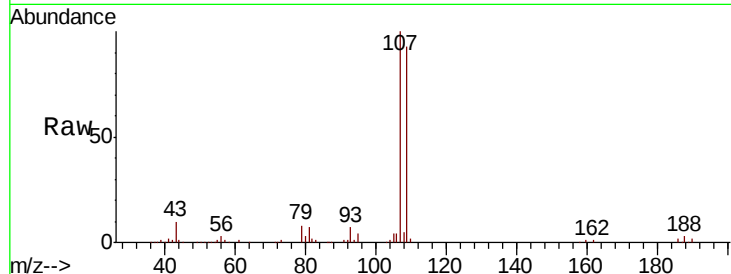
#61
 1,2-Dibromoethane
 Concen: 19.145 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	72.1	108.1

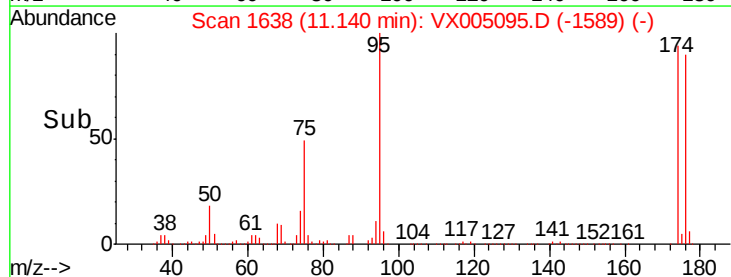
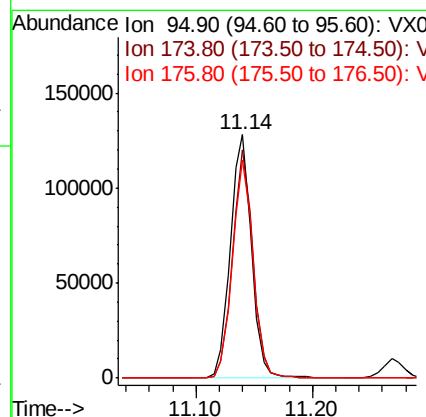
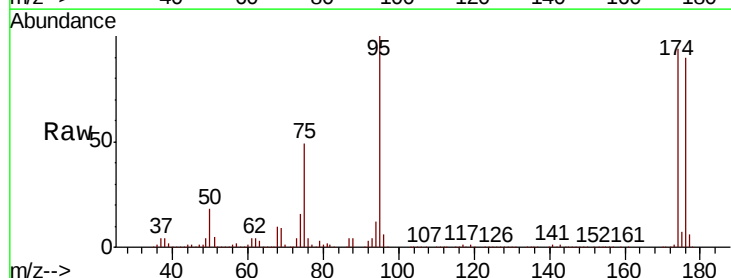
Manual Integrations
 APPROVED

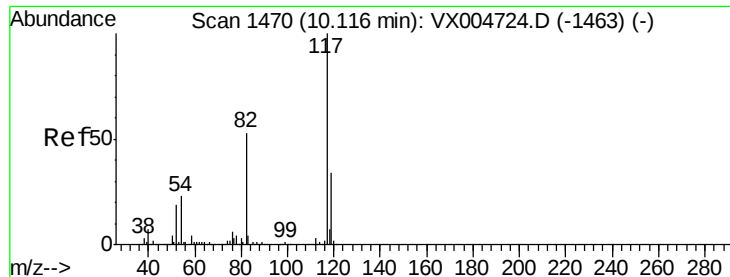
MMDadoda
 10/8/2018 2:02:43 PM



#62
 4-Bromofluorobenzene
 Concen: 54.722 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.5	0.0	185.0
176	88.2	0.0	180.2





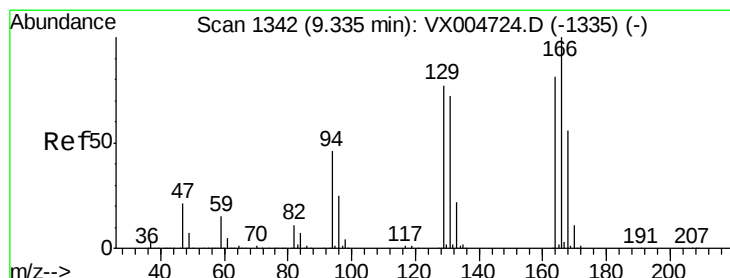
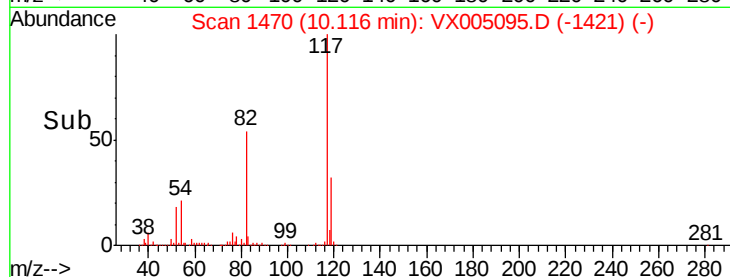
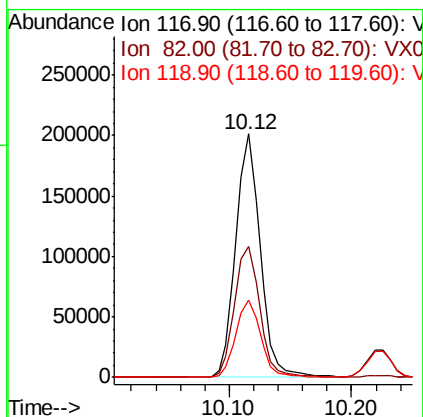
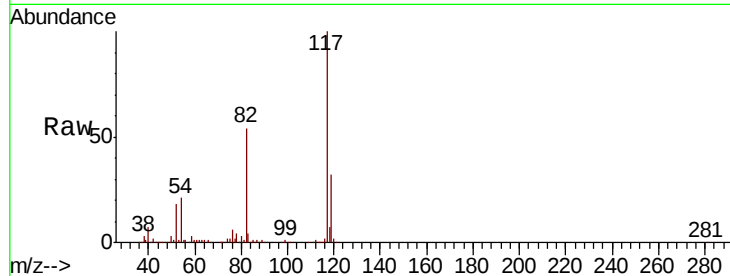
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	42.2	63.4
119	31.9	27.4	41.0

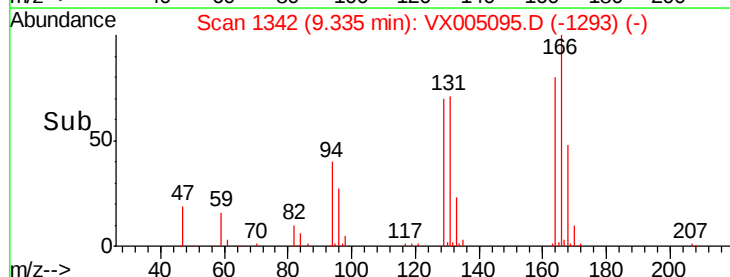
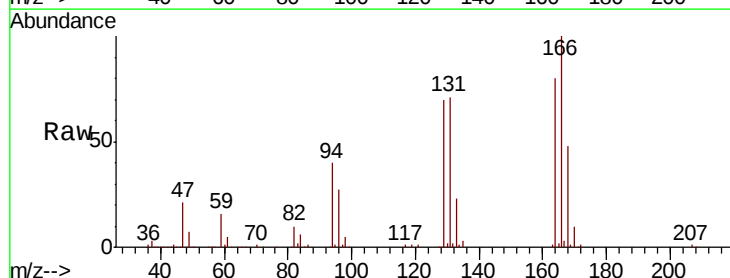
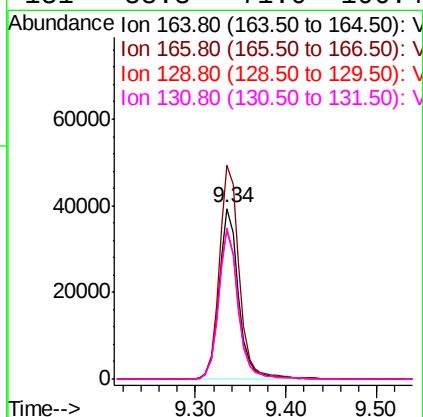
Manual Integrations
APPROVED

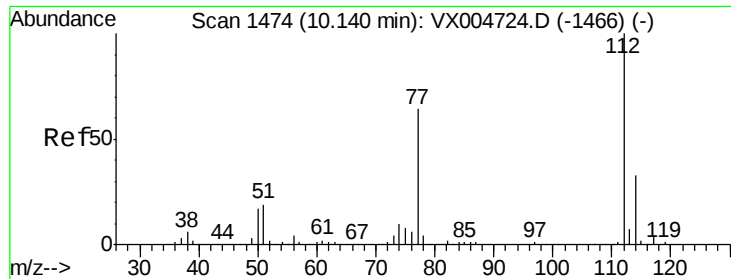
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#64
Tetrachloroethene
Concen: 21.309 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.1	98.4	147.6
129	87.1	76.1	114.1
131	88.3	71.0	106.4





#65

Chlorobenzene

Concen: 18.194 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion:112 Resp: 130434

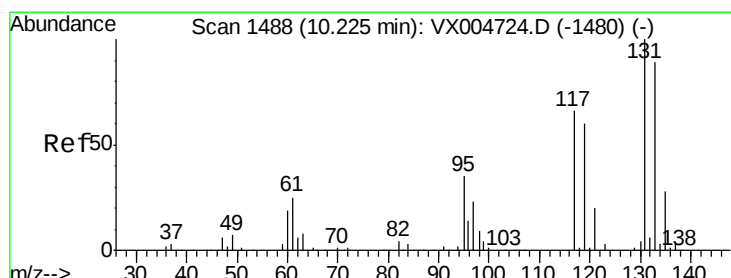
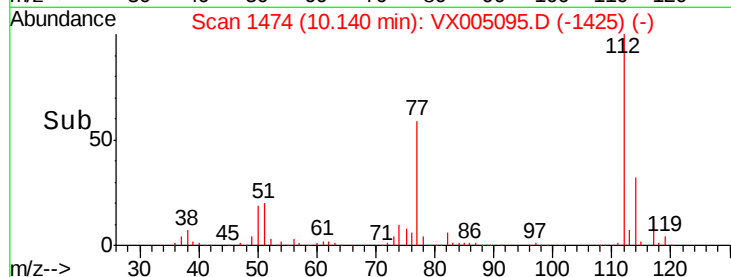
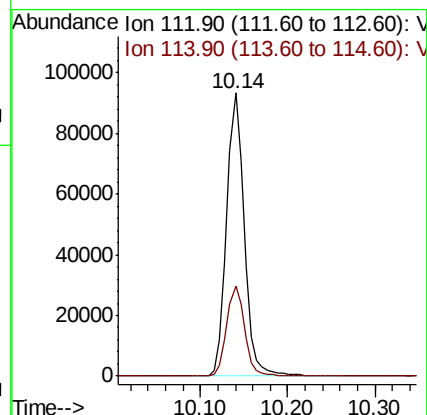
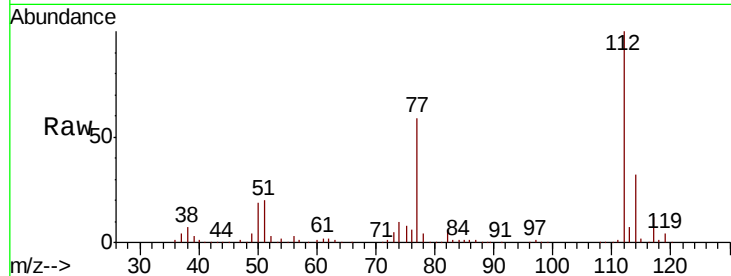
Ion Ratio Lower Upper

112 100

114 32.0 26.7 40.1

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.031 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

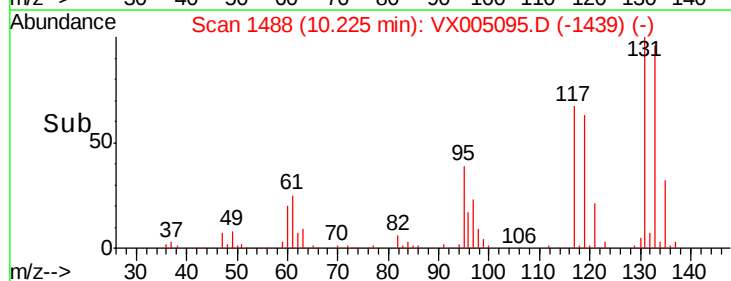
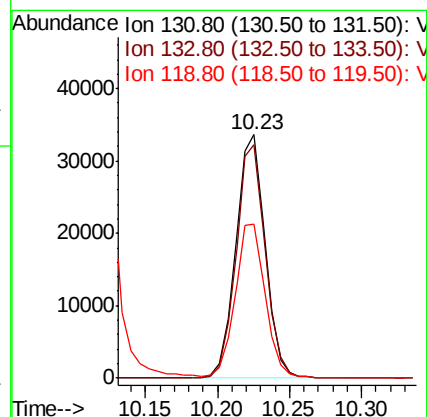
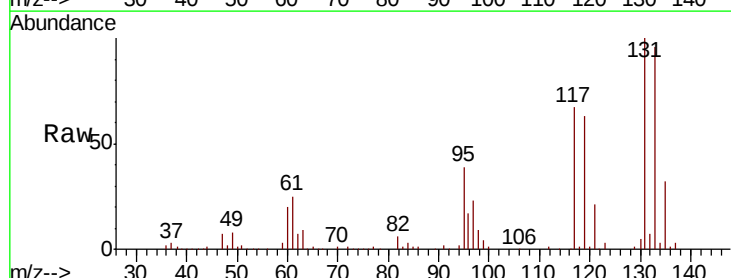
Tgt Ion:131 Resp: 47965

Ion Ratio Lower Upper

131 100

133 95.2 48.4 145.0

119 65.1 32.3 96.8





#67

Ethyl Benzene

Concen: 19.003 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion: 91 Resp: 216283

Ion Ratio Lower Upper

91 100

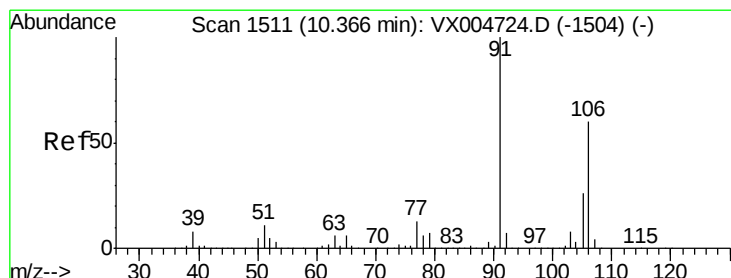
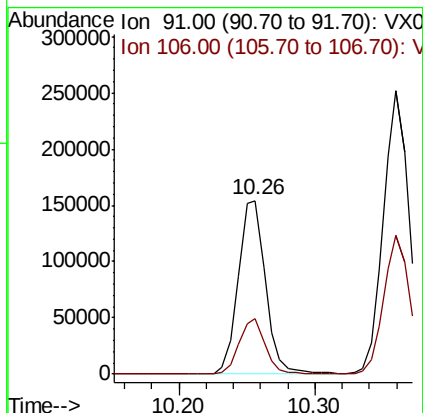
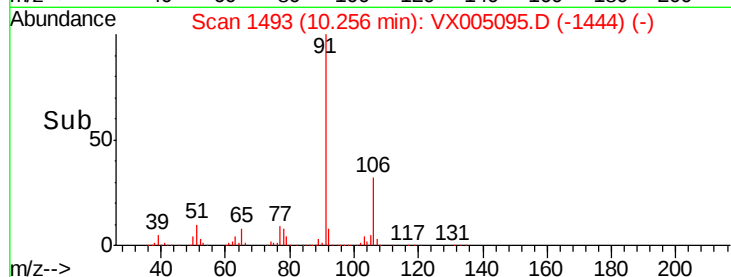
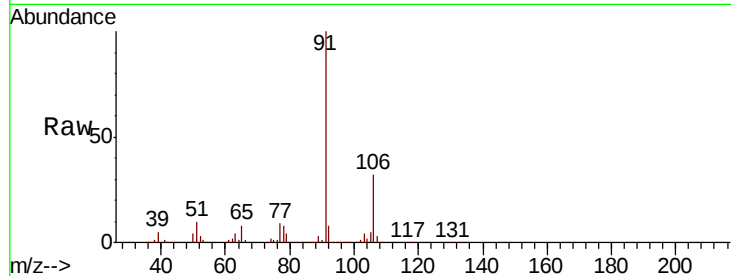
106 32.1 26.9 40.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.943 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005095.D

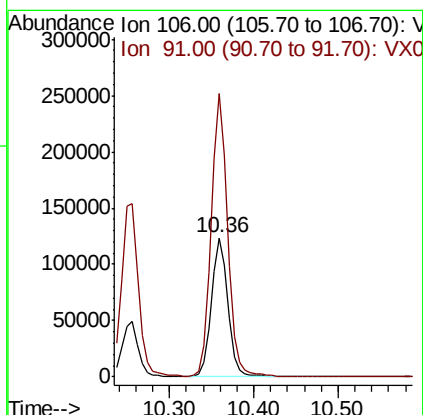
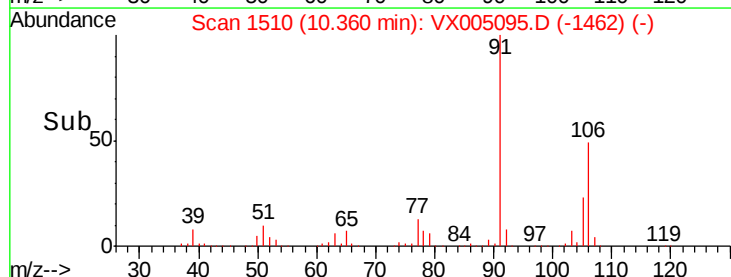
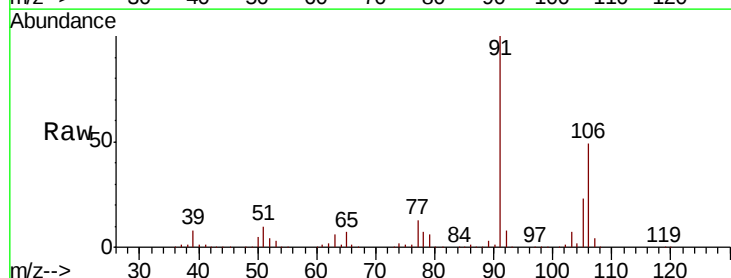
Acq: 06 Oct 2018 05:06

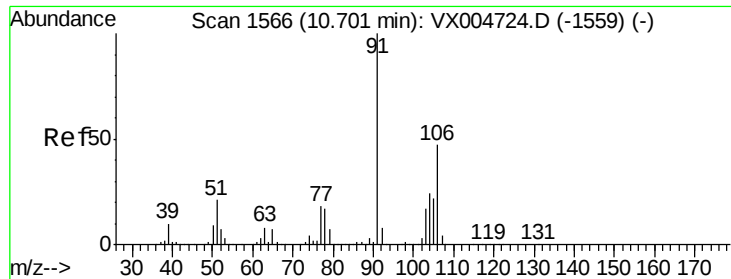
Tgt Ion: 106 Resp: 168757

Ion Ratio Lower Upper

106 100

91 203.6 157.5 236.3





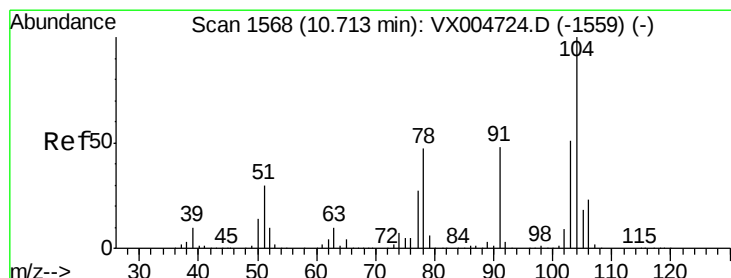
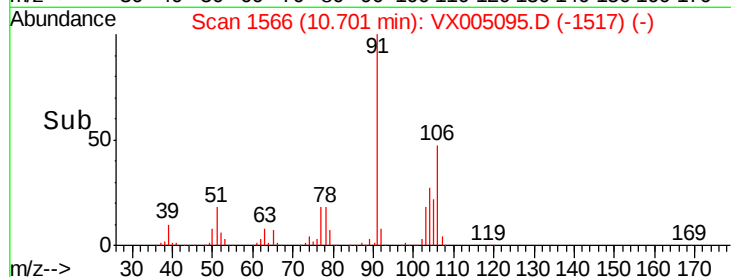
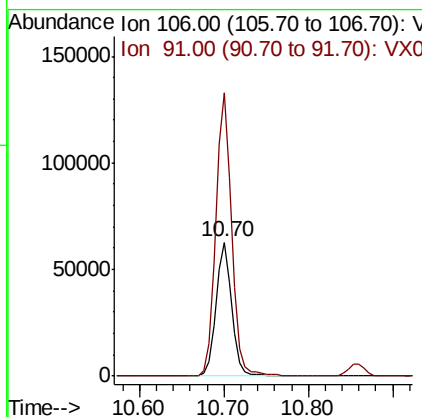
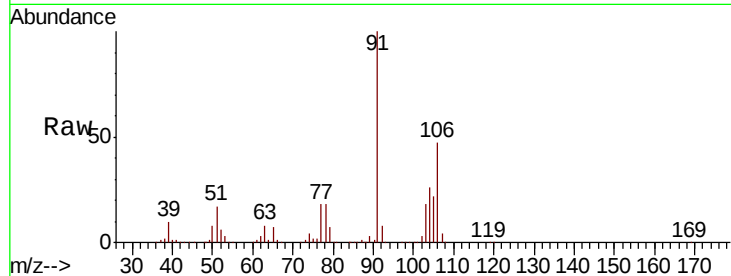
#69
o-Xylene
Concen: 19.784 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampled :
VX1005WBSD02

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.1	108.3	324.8

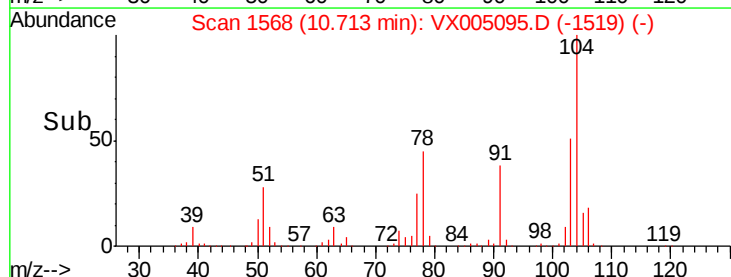
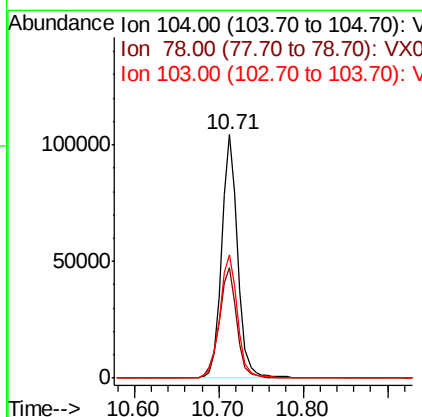
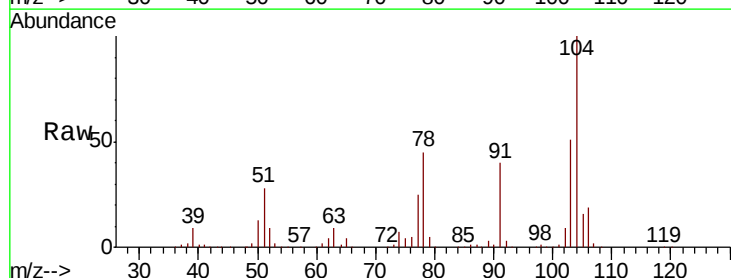
Manual Integrations
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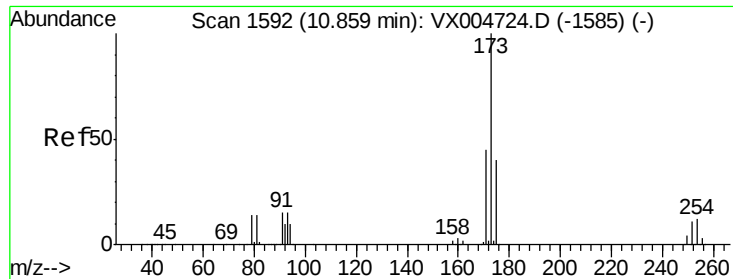
MMDadoda
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#70
Styrene
Concen: 19.345 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.8	40.0	60.0
103	56.2	44.3	66.5





#71

Bromoform

Concen: 18.258 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

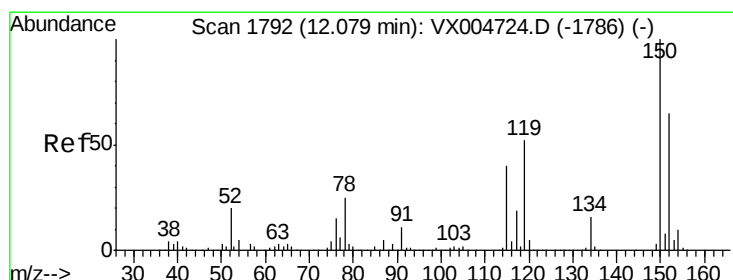
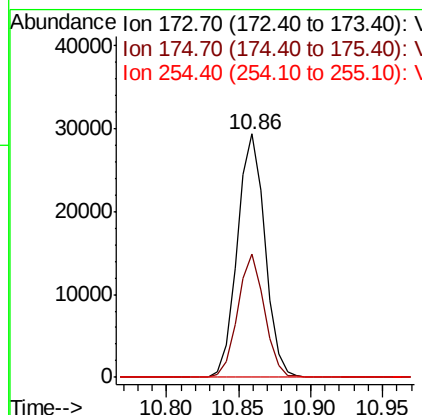
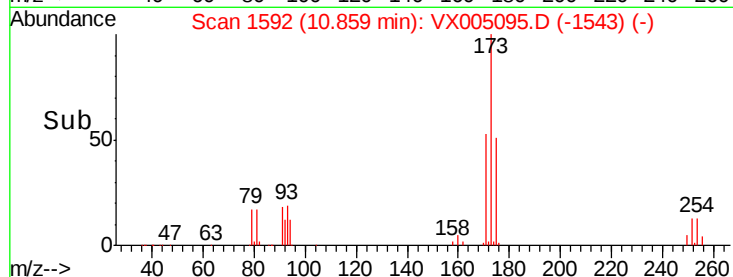
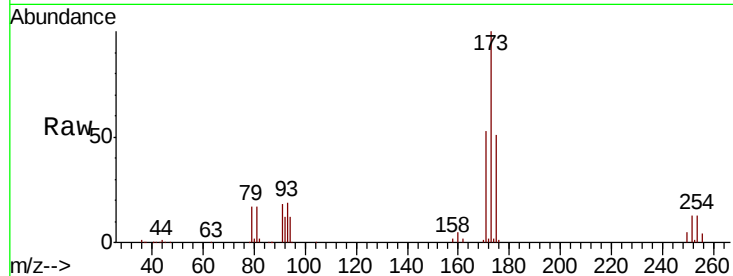
ClientSampleId :

VX1005WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.3	69.8
254	0.0	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

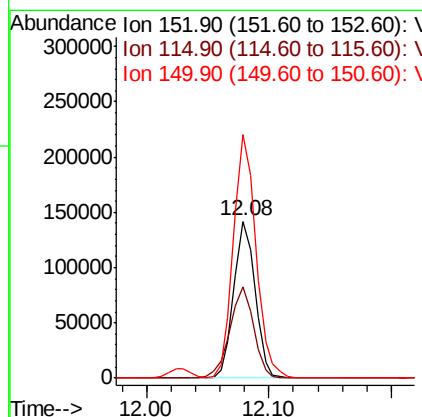
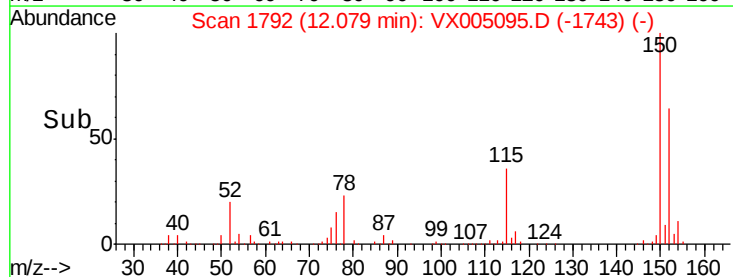
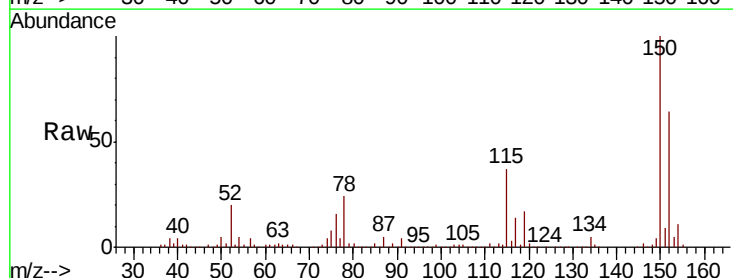
RT: 12.08 min Scan# 1792

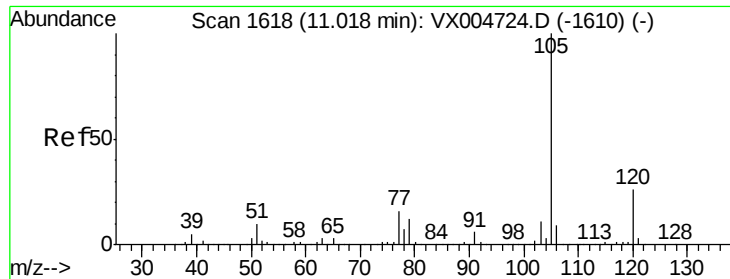
Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	40.2	120.6
150	164.1	0.0	351.0





#73

Isopropylbenzene

Concen: 20.635 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion: 105 Resp: 221803

Ion Ratio Lower Upper

105 100

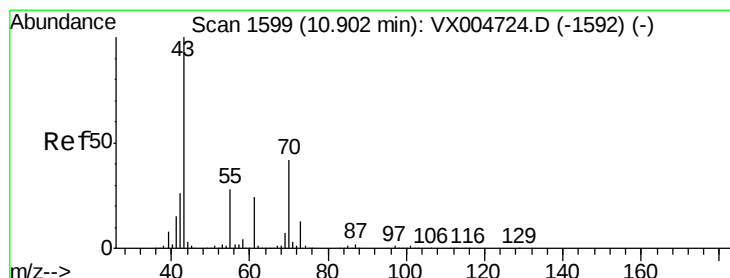
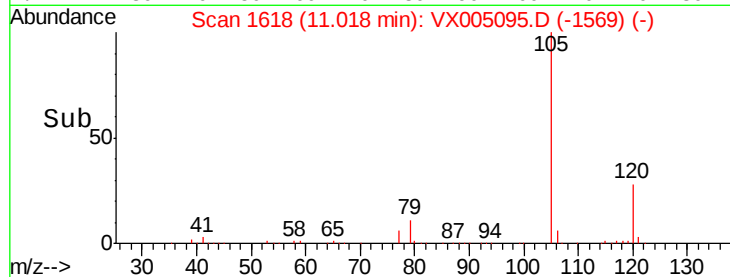
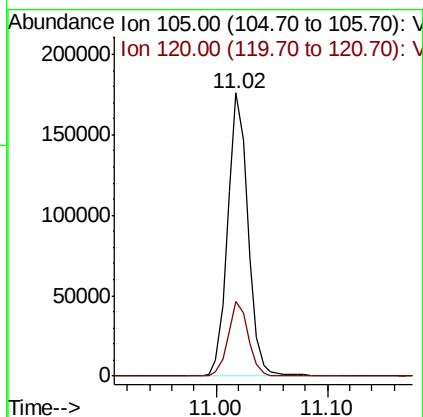
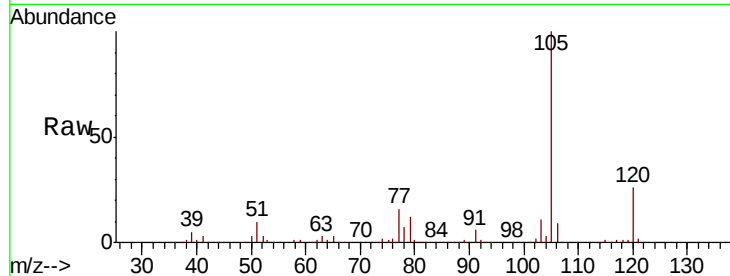
120 26.2 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.399 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion: 43 Resp: 101938

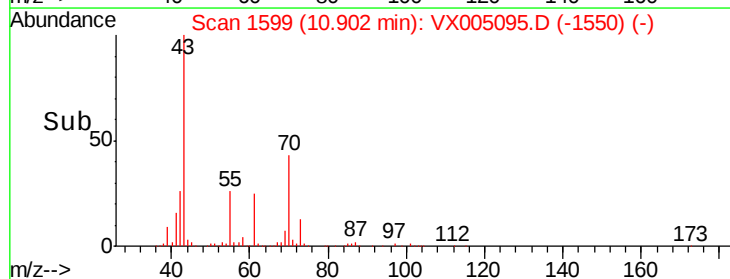
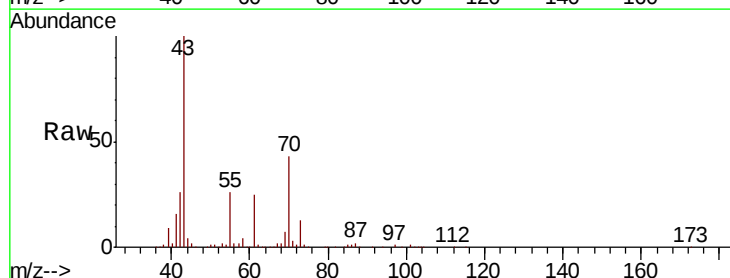
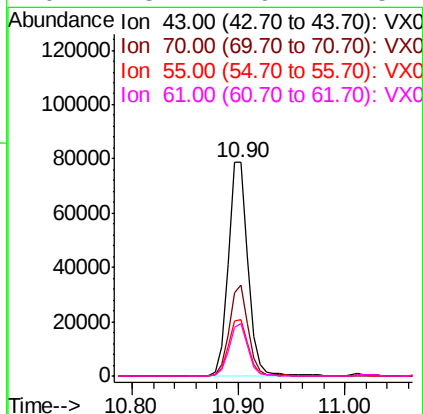
Ion Ratio Lower Upper

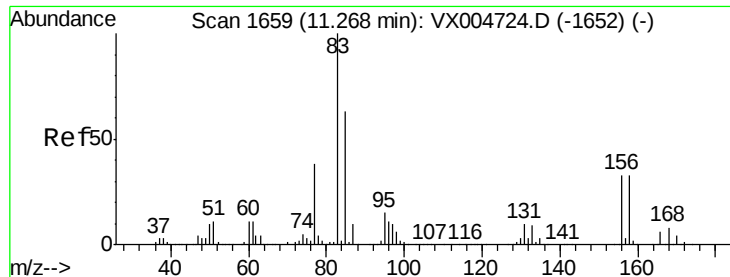
43 100

70 40.9 32.6 48.8

55 26.7 21.6 32.4

61 23.7 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.458 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

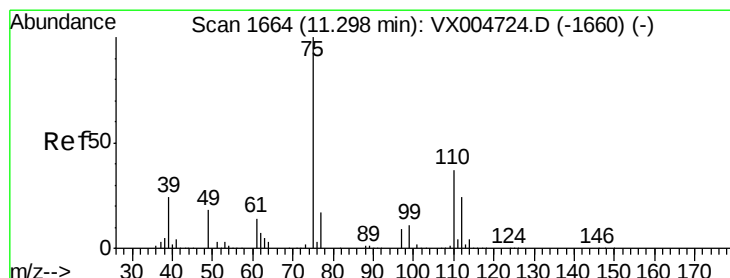
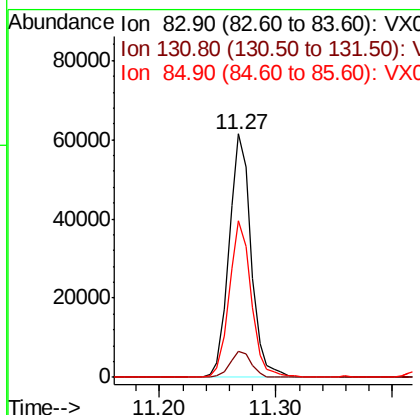
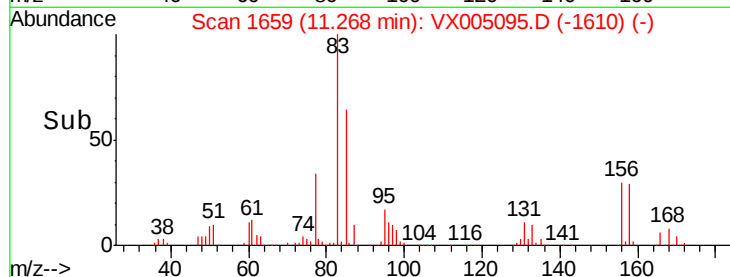
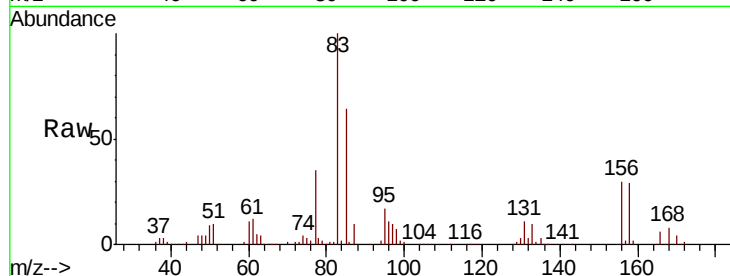
ClientSampled :

VX1005WBSD02

Tot Ion:	83	Resp:	80761
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	64.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.372 ug/l m

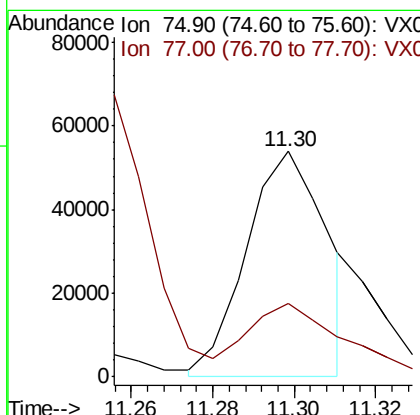
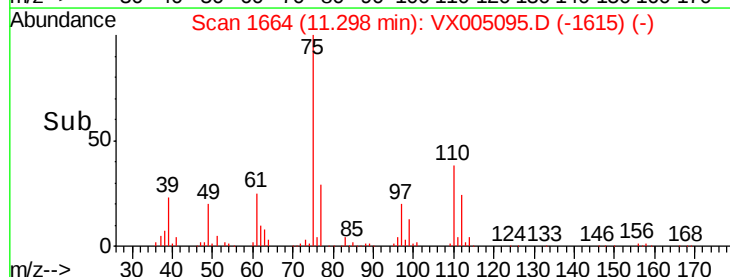
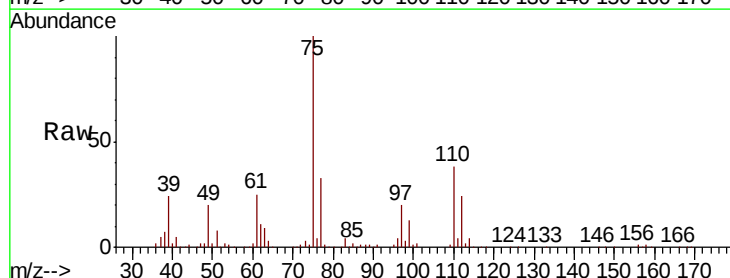
RT: 11.30 min Scan# 1664

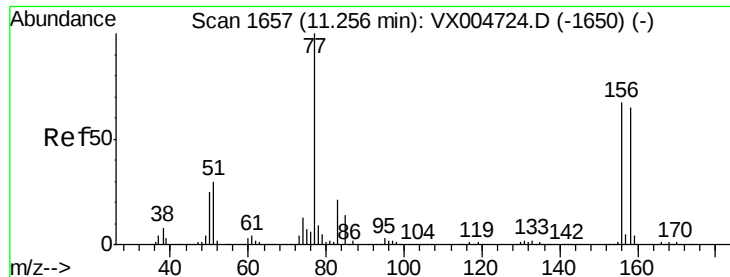
Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion:	75	Resp:	74044
Ion Ratio	Lower	Upper	
75	100		
77	38.7	21.4	64.3





#77

Bromobenzene

Concen: 19.456 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion:156 Resp: 60744

Ion Ratio Lower Upper

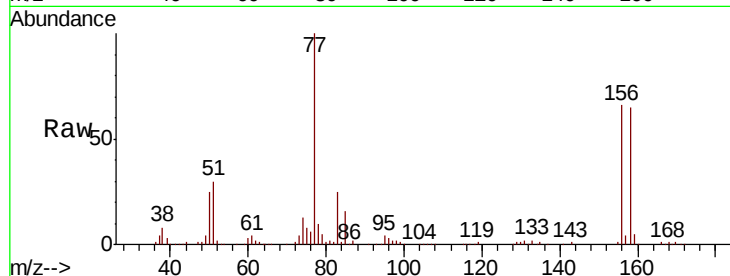
156 100

77 148.0 73.4 220.2

158 97.2 49.1 147.4

Manual Integrations
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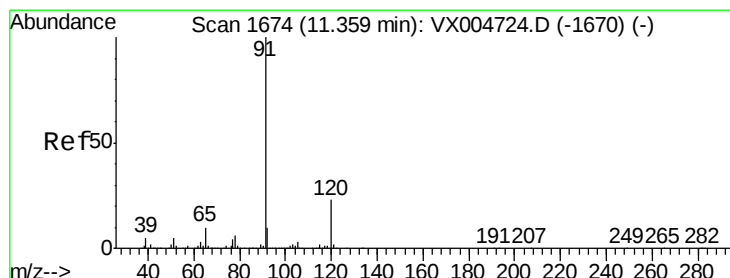
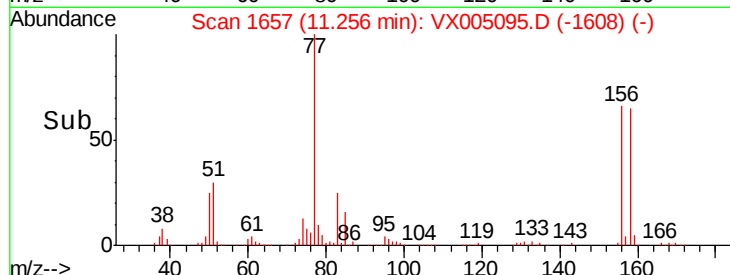
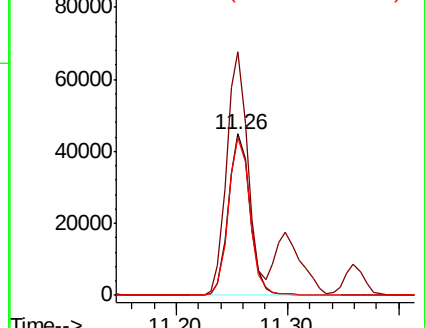
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.488 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005095.D

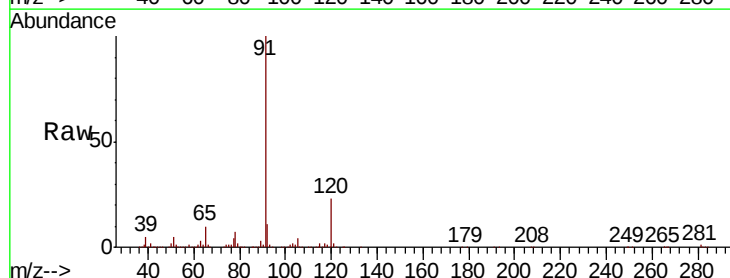
Acq: 06 Oct 2018 05:06

Tgt Ion: 91 Resp: 252675

Ion Ratio Lower Upper

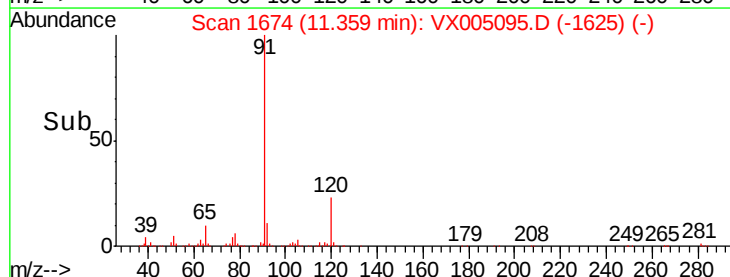
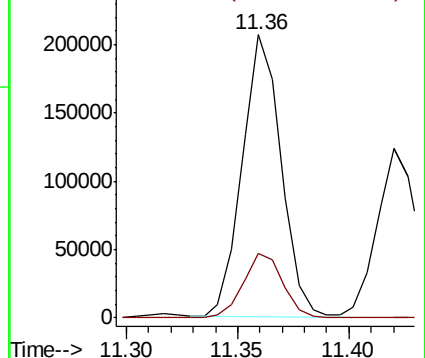
91 100

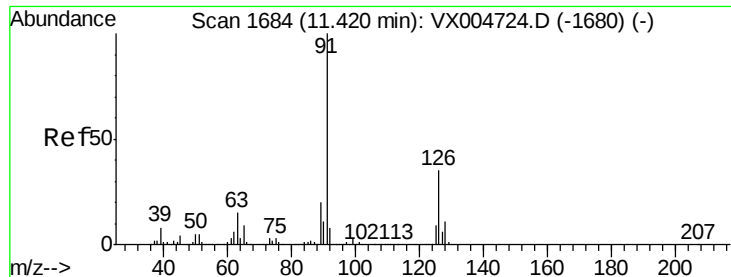
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.205 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampled :

VX1005WBSD02

Tot Ion: 91 Resp: 155321

Ion Ratio Lower Upper

91 100

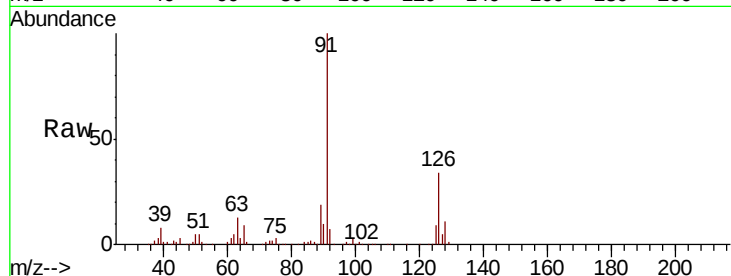
126 35.3 17.6 52.9

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)

200000

150000

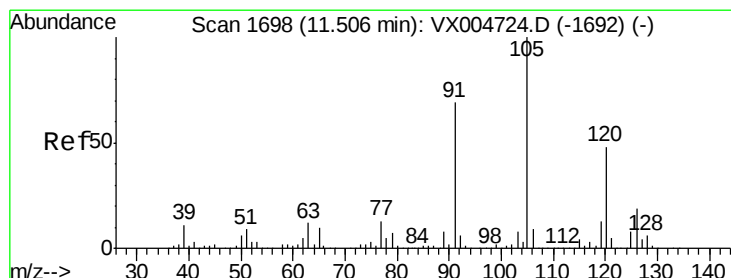
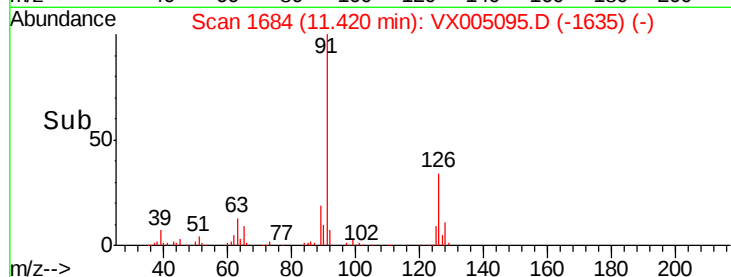
100000

50000

0

11.40 11.45 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.809 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005095.D

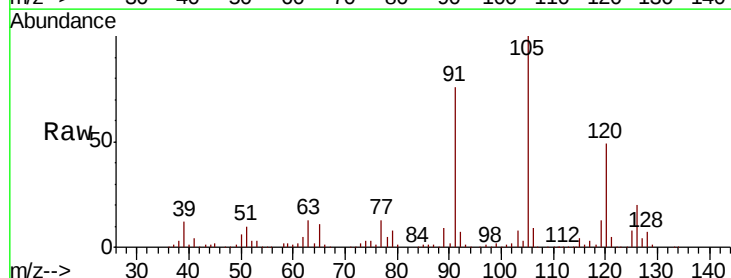
Acq: 06 Oct 2018 05:06

Tgt Ion: 105 Resp: 186517

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)

150000

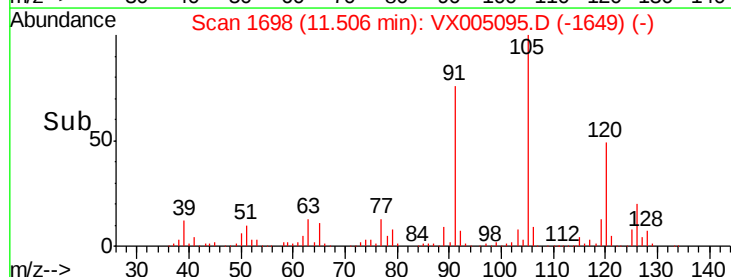
100000

50000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 14.708 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

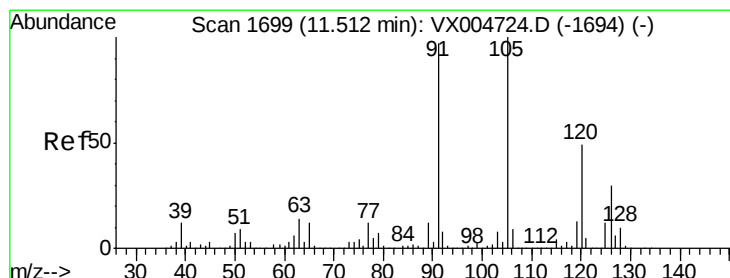
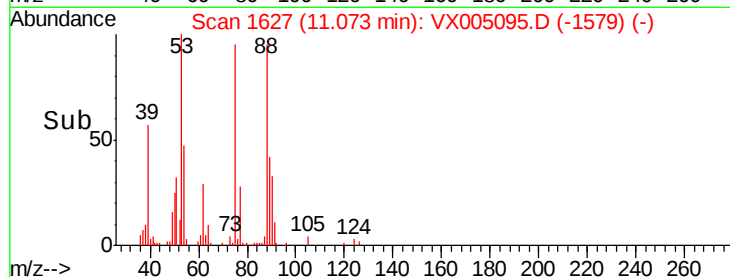
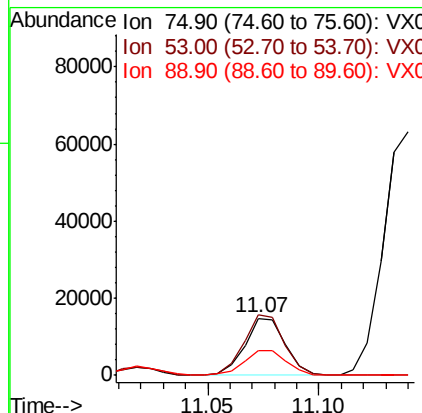
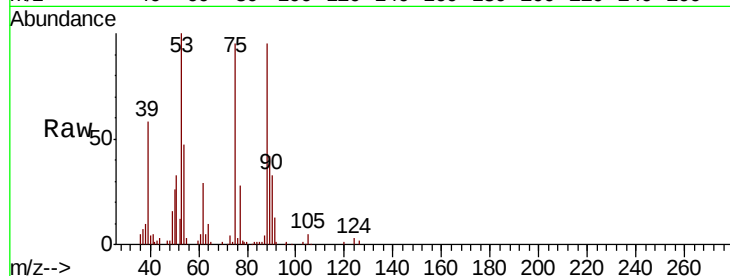
ClientSampleId :

VX1005WBSD02

Tot Ion:	75	Resp:	18565
Ion Ratio	Lower	Upper	
75	100		
53	107.0	80.2	120.4
89	46.4	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.240 ug/l

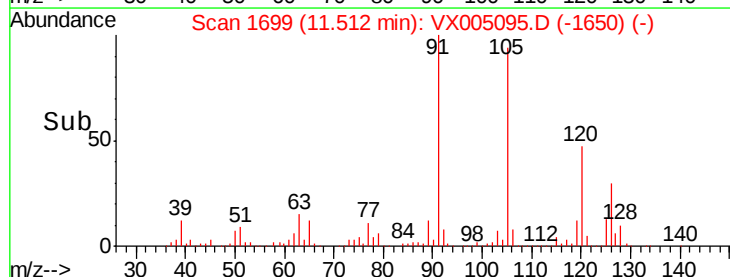
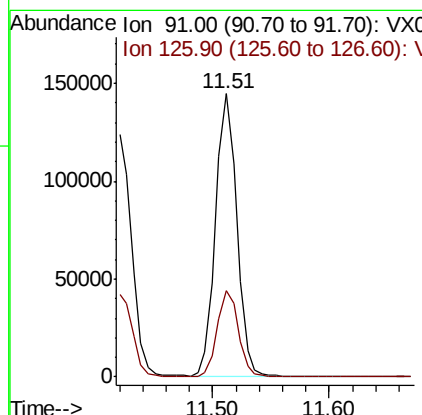
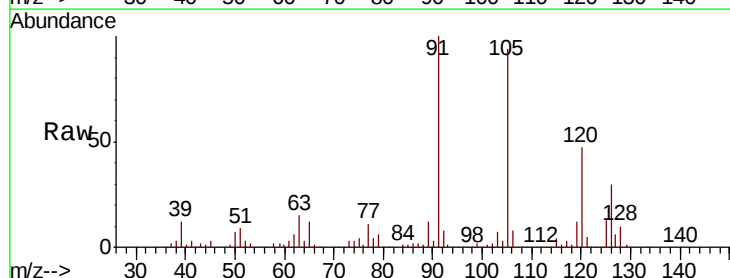
RT: 11.51 min Scan# 1699

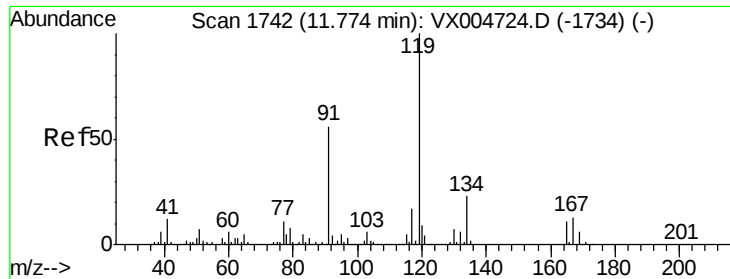
Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion:	91	Resp:	183139
Ion Ratio	Lower	Upper	
91	100		
126	30.3	15.5	46.5





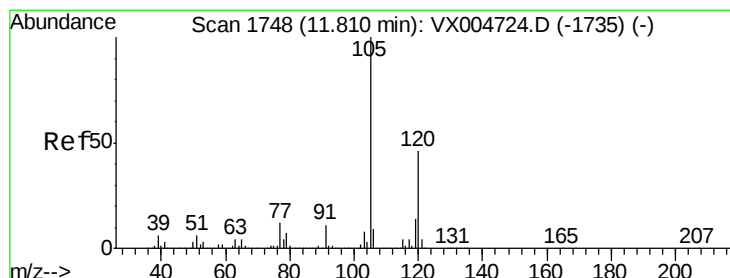
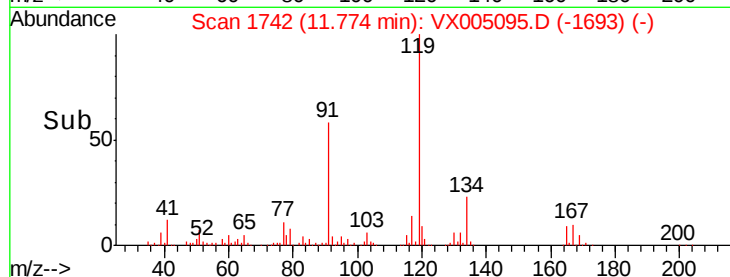
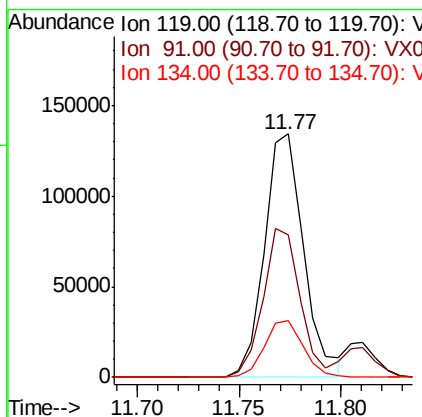
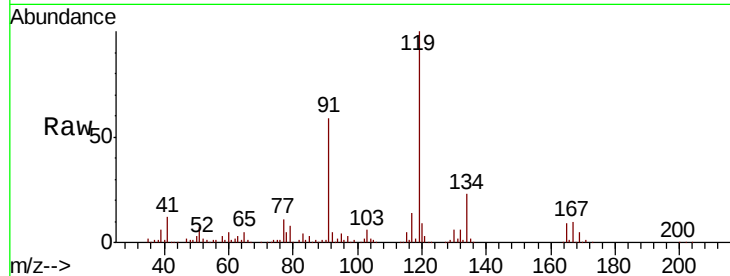
#83
tert-Butylbenzene
Concen: 20.375 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	180311		
91	57.6	27.5	82.5	
134	23.1	11.5	34.4	

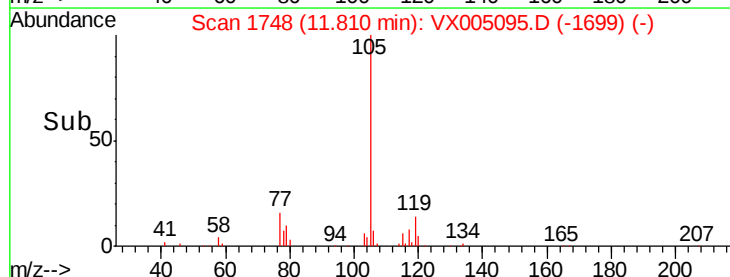
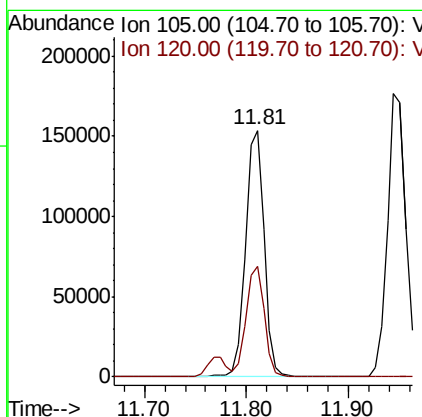
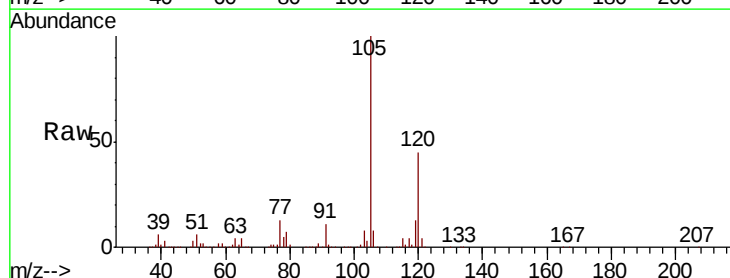
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 18.999 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194272		
120	44.3	22.8	68.3	





#85

sec-Butylbenzene

Concen: 20.913 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion:105 Resp: 225426

Ion Ratio Lower Upper

105 100

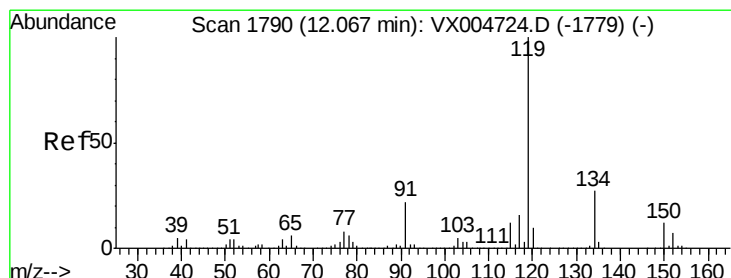
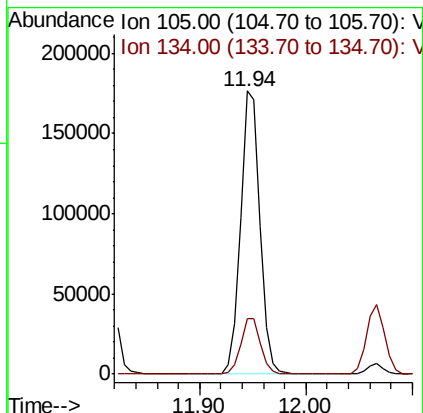
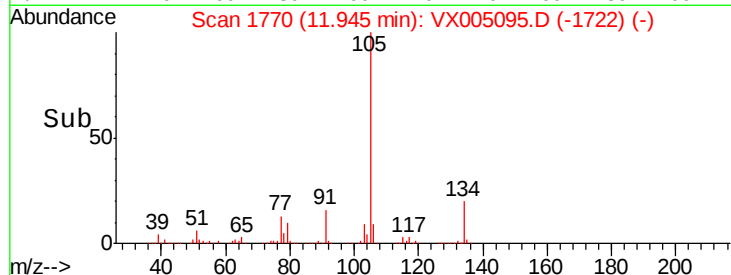
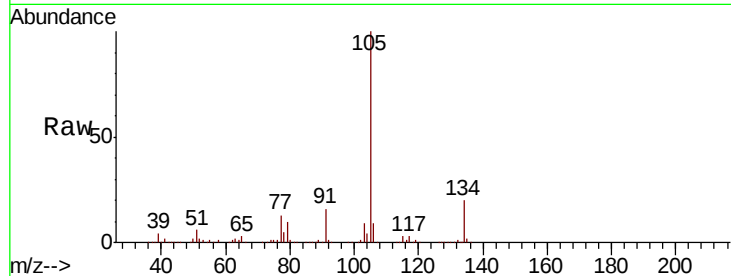
134 20.0 10.2 30.4

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 20.234 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

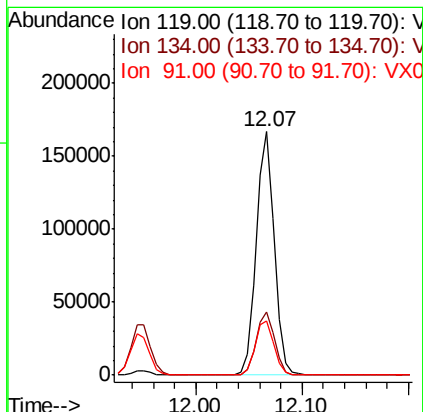
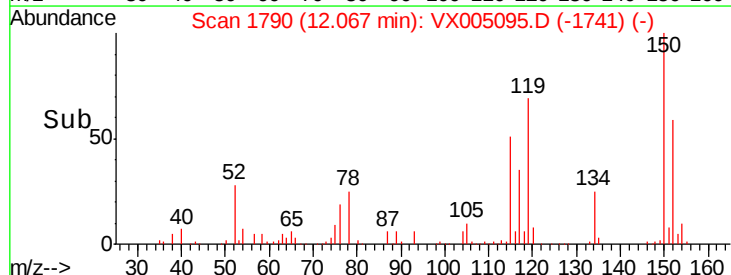
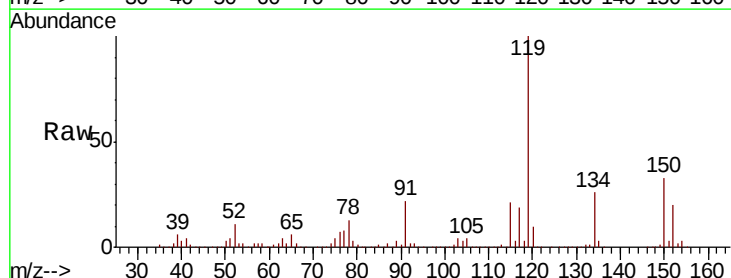
Tgt Ion:119 Resp: 197610

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.2 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 19.307 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

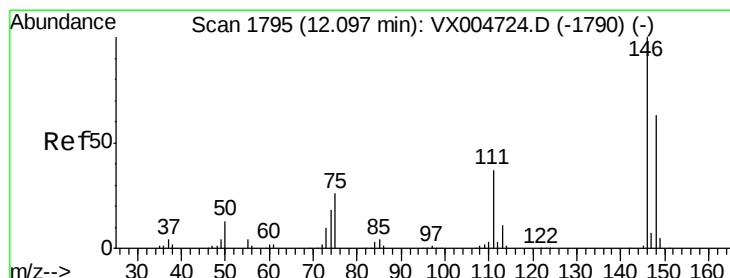
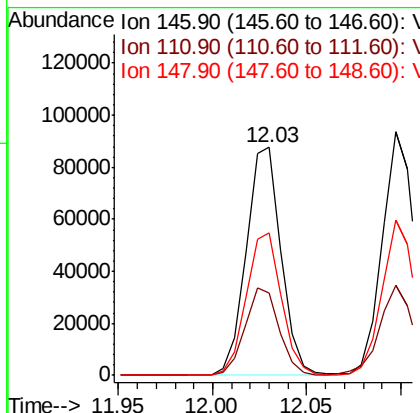
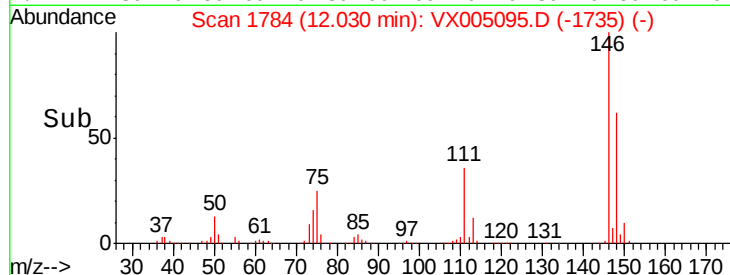
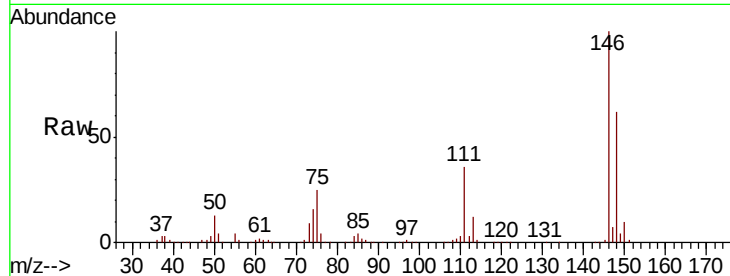
ClientSampleId :

VX1005WBSD02

Tot Ion:	146	Resp:	112554
Ion Ratio	Lower	Upper	
146	100		
111	37.9	18.9	56.9
148	63.1	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.932 ug/l

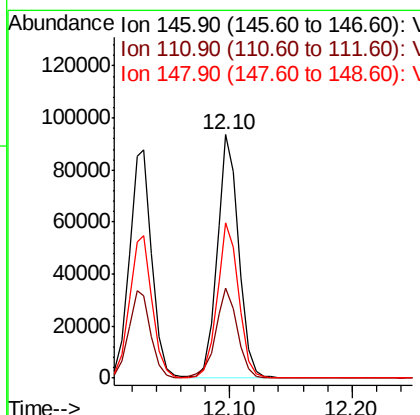
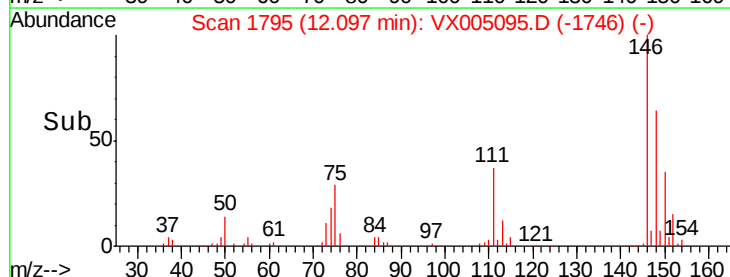
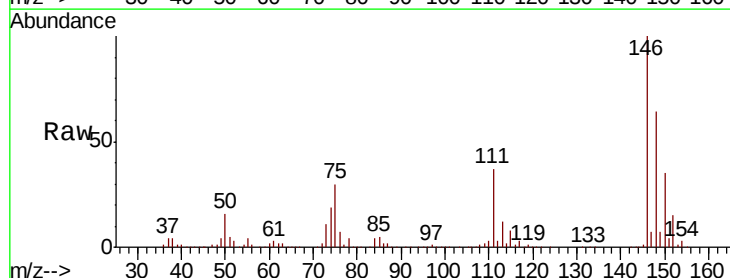
RT: 12.10 min Scan# 1795

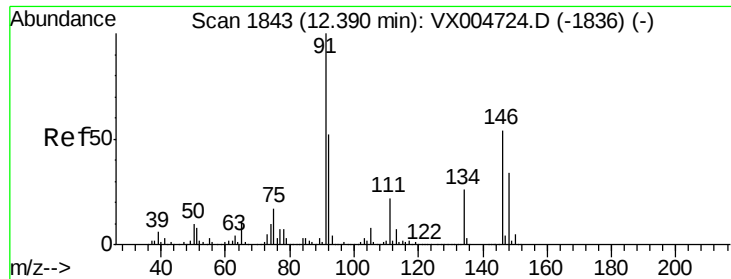
Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion:	146	Resp:	113937
Ion Ratio	Lower	Upper	
146	100		
111	38.0	18.4	55.2
148	64.2	32.0	96.0





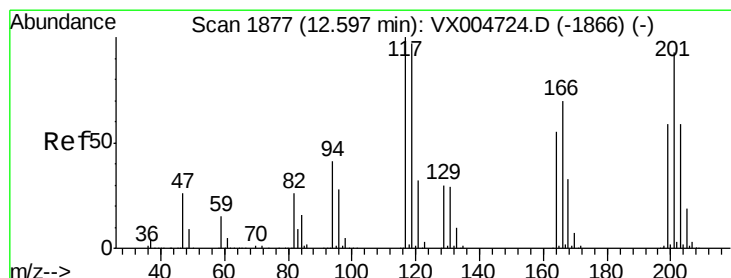
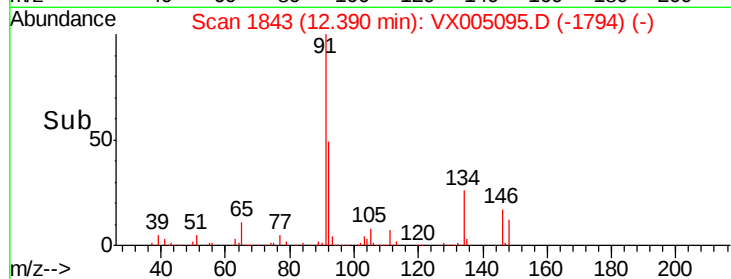
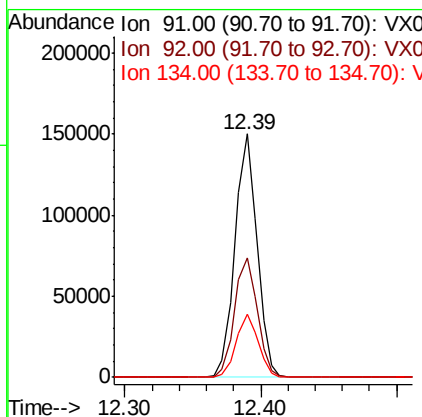
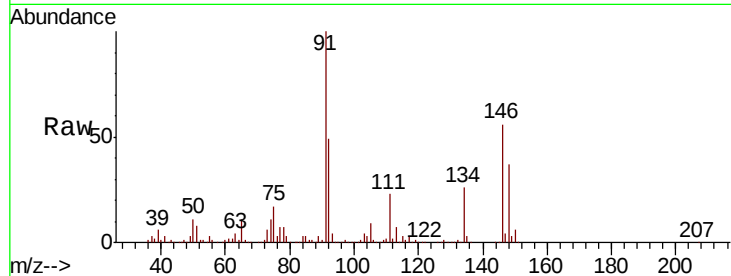
#89
n-Butylbenzene
Concen: 19.196 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.0	78.0
134	25.9	13.2	39.6

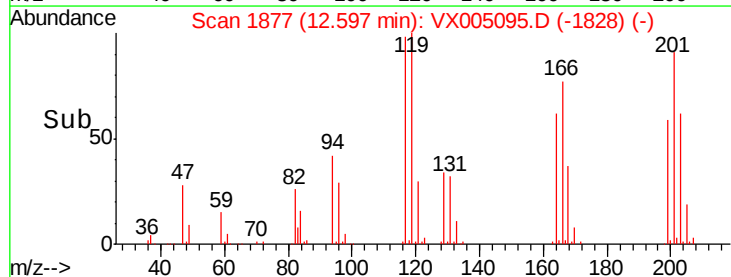
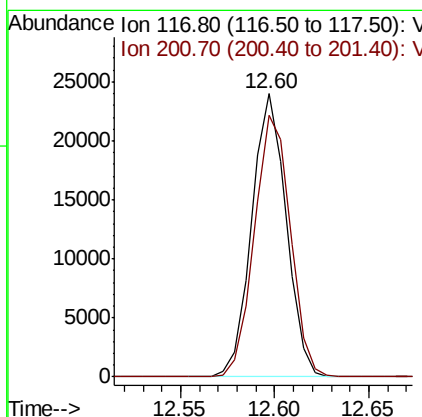
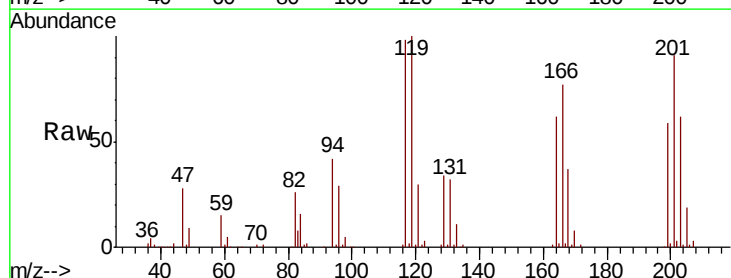
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#90
Hexachloroethane
Concen: 18.736 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	96.3	48.4	145.0





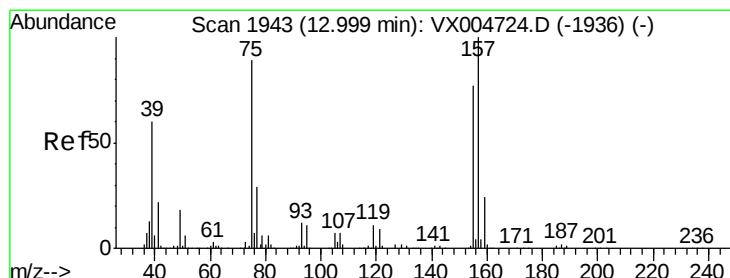
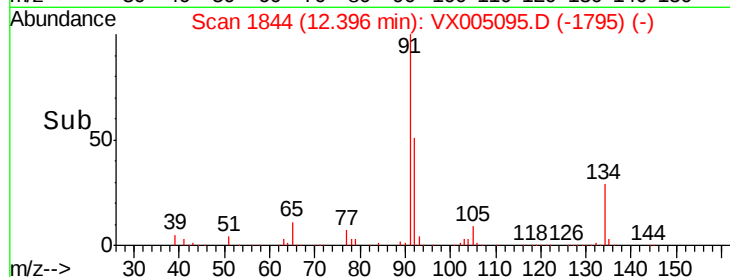
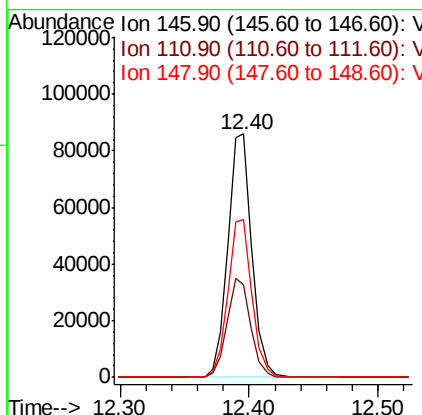
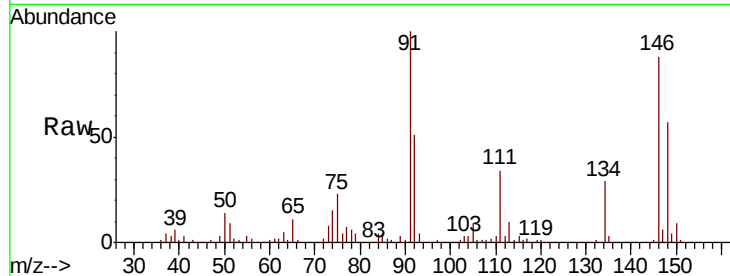
#91
 1,2-Dichlorobenzene
 Concen: 18.462 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.7
148	64.6	31.8	95.4

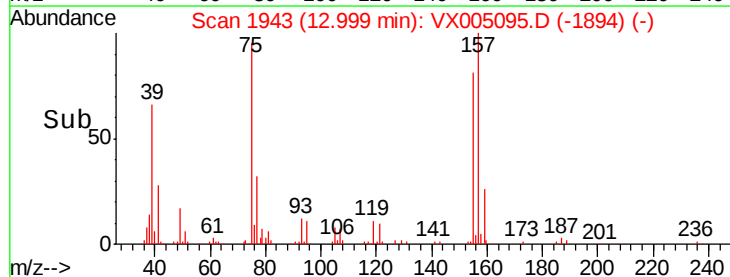
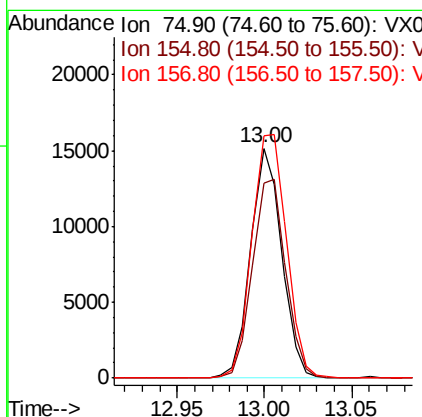
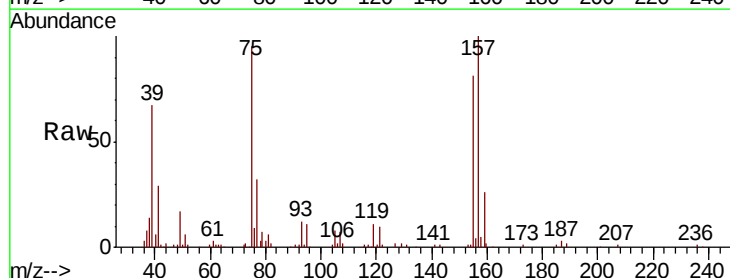
Manual Integrations
 APPROVED

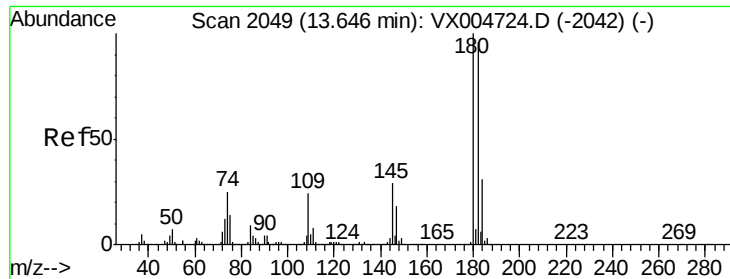
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.524 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.7	46.1	138.3
157	117.9	60.2	180.6





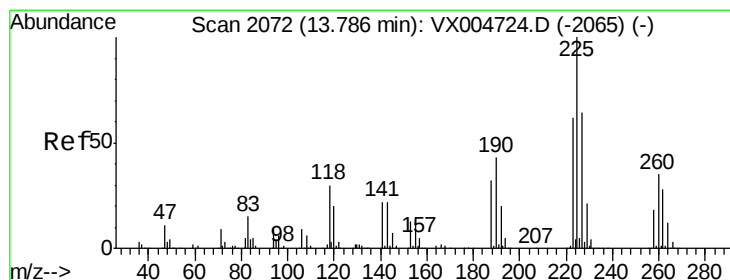
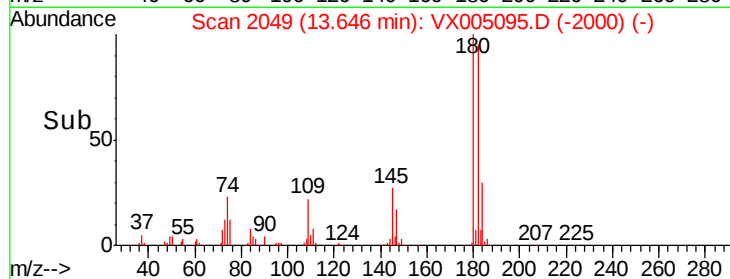
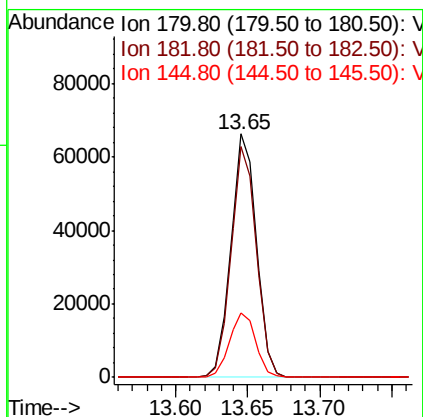
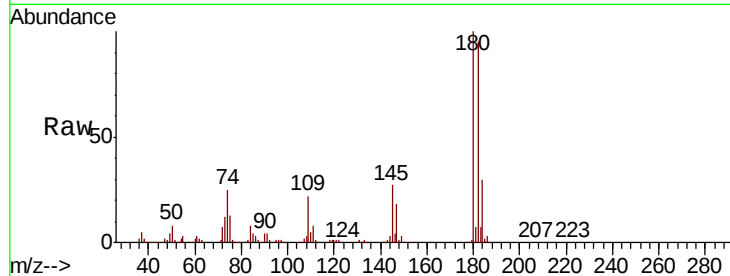
#93
1,2,4-Trichlorobenzene
Concen: 19.307 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	82511		
182	94.1	47.8	143.4	
145	27.3	14.1	42.4	

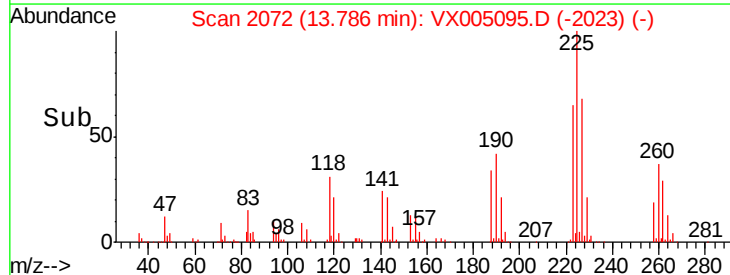
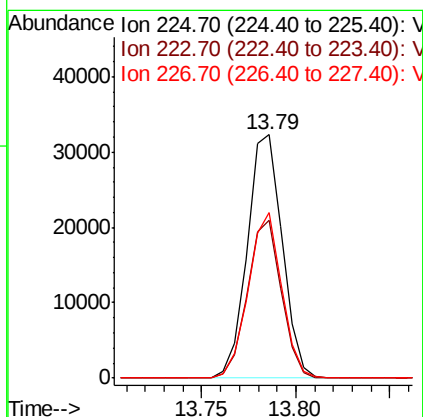
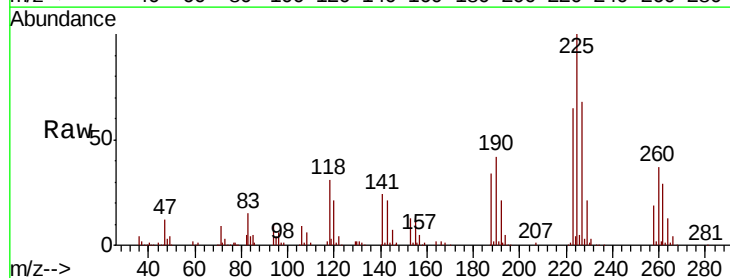
Manual Integrations
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#94
Hexachlorobutadiene
Concen: 18.761 ug/l
RT: 13.79 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	41577		
223	63.1	31.3	93.8	
227	64.9	31.9	95.5	





#95

Naphthalene

Concen: 18.560 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

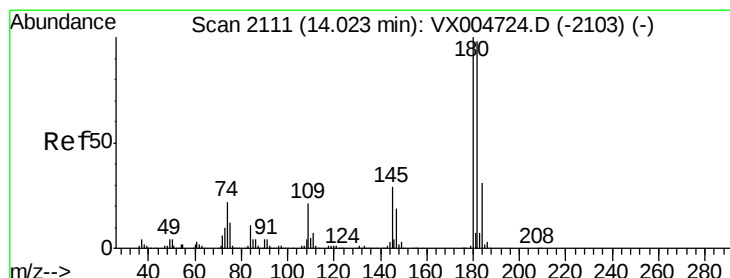
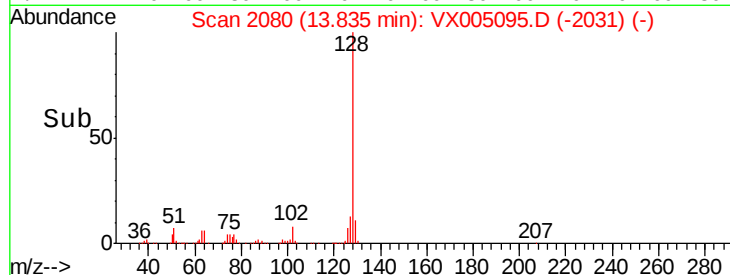
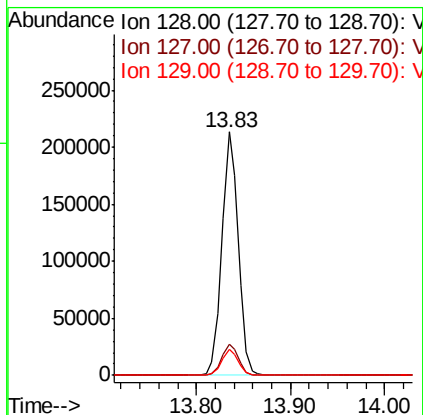
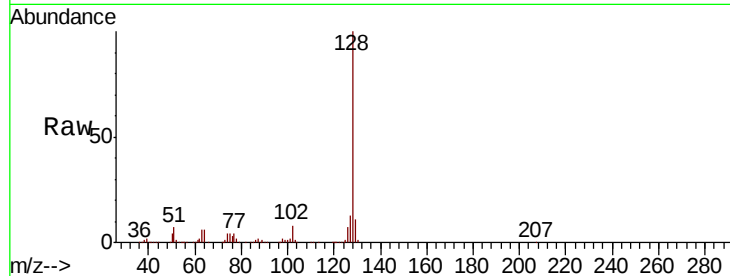
ClientSampleId :

VX1005WBSD02

Tot Ion:	128	Resp:	256763
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/8/2018 2:02:43 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.765 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion:	180	Resp:	87260
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.9	143.8
145	29.5	15.0	45.0

