

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071918\
 Data File : VX003466.D
 Acq On : 19 Jul 2018 14:48
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 5:22:09 PM

Quant Time: Jul 19 15:27:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 15:12:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	328417	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	451964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	426935	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	265162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	360708	72.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.56%	
35) Dibromofluoromethane	5.51	113	337674	93.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.22%	
50) Toluene-d8	8.72	98	1285428	93.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.70%	
62) 4-Bromofluorobenzene	11.14	95	476740	91.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	258260	74.07	ug/l	98
3) Chloromethane	1.32	50	322913	77.86	ug/l	99
4) Vinyl Chloride	1.40	62	374840	87.10	ug/l	100
5) Bromomethane	1.64	94	163123	62.82	ug/l	99
6) Chloroethane	1.71	64	237904	83.87	ug/l	100
7) Trichlorofluoromethane	1.92	101	521584	74.60	ug/l	99
8) Diethyl Ether	2.19	74	223472	84.03	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.38	101	332153	84.98	ug/l	97
10) Methyl Iodide	2.51	142	467315	97.09	ug/l	93
11) Tert butyl alcohol	3.09	59	341880	331.37	ug/l	100
12) 1,1-Dichloroethene	2.37	96	317121	86.42	ug/l	91
13) Acrolein	2.29	56	167404	319.98	ug/l	100
14) Allyl chloride	2.73	41	569951	78.22	ug/l	86
15) Acrylonitrile	3.15	53	910912	404.61	ug/l	97
16) Acetone	2.45	43	687965	312.45	ug/l	92
17) Carbon Disulfide	2.56	76	911868	104.77	ug/l	99
18) Methyl Acetate	2.78	43	437742	74.62	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	1054580	76.61	ug/l	100
20) Methylene Chloride	2.86	84	355211	78.68	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	343901	86.39	ug/l	93
22) Diisopropyl ether	3.87	45	1058451	80.29	ug/l	97
23) Vinyl Acetate	3.83	43	4427471	401.29	ug/l #	95
24) 1,1-Dichloroethane	3.70	63	613106	85.69	ug/l	99
25) 2-Butanone	4.71	43	1152883	398.70	ug/l	91
26) 2,2-Dichloropropane	4.58	77	482312	93.82	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	394770	97.46	ug/l	93
28) Bromochloromethane	5.03	49	269123	80.32	ug/l	83
29) Tetrahydrofuran	5.17	42	761799	401.98	ug/l	89
30) Chloroform	5.21	83	638257	92.51	ug/l	87
31) Cyclohexane	5.57	56	604910	102.69	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	544611	94.38	ug/l	97
36) 1,1-Dichloropropene	5.80	75	480160	100.03	ug/l	98
37) Ethyl Acetate	4.87	43	459993	84.67	ug/l #	94
38) Carbon Tetrachloride	5.78	117	491575	102.84	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	588746	104.92	ug/l	93
40) Benzene	6.15	78	1444835	100.38	ug/l	99
41) Methacrylonitrile	5.07	41	263533	85.91	ug/l	91
42) 1,2-Dichloroethane	6.20	62	450927	80.92	ug/l	94
43) Isopropyl Acetate	6.47	43	743274	82.57	ug/l #	91
44) Trichloroethene	7.21	130	431547	103.88	ug/l	100
45) 1,2-Dichloropropane	7.52	63	369051	97.42	ug/l	99
46) Dibromomethane	7.67	93	241399	95.27	ug/l	94
47) Bromodichloromethane	7.90	83	463882	103.79	ug/l	98
48) Methyl methacrylate	7.78	41	382934	83.25	ug/l #	82
49) 1,4-Dioxane	7.76	88	157530	1808.36	ug/l #	93
51) 4-Methyl-2-Pentanone	8.65	43	2351002	406.77	ug/l	90
52) Toluene	8.79	92	924747	100.72	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	583546	110.97	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	535827	110.00	ug/l #	87
55) 1,1,2-Trichloroethane	9.22	97	370017	99.74	ug/l	97
56) Ethyl methacrylate	9.18	69	566341	99.20	ug/l #	80
57) 1,3-Dichloropropane	9.37	76	601743	95.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1301002	471.14	ug/l	96
59) 2-Hexanone	9.50	43	1751389	402.14	ug/l	86
60) Dibromochloromethane	9.59	129	401326	112.07	ug/l	100
61) 1,2-Dibromoethane	9.68	107	389883	101.47	ug/l	99
64) Tetrachloroethene	9.34	164	485363	102.42	ug/l	98
65) Chlorobenzene	10.14	112	1065877	101.66	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	387688	108.46	ug/l	99
67) Ethyl Benzene	10.26	91	1784071	100.88	ug/l	99
68) m/p-Xylenes	10.36	106	1407101	206.27	ug/l	95
69) o-Xylene	10.70	106	685533	102.28	ug/l	94
70) Styrene	10.71	104	1149216	104.26	ug/l	97
71) Bromoform	10.86	173	328543	122.30	ug/l	99
73) Isopropylbenzene	11.02	105	1809742	102.05	ug/l	99
74) N-amyl acetate	6.47	43	743274	84.36	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	517756	98.86	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	455161m	90.97	ug/l	
77) Bromobenzene	11.26	156	506726	102.56	ug/l	95
78) n-propylbenzene	11.37	91	2032817	99.95	ug/l	98
79) 2-Chlorotoluene	11.43	91	1194442	98.36	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1510588	100.79	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.08	75	169610	128.24	ug/l #	85
82) 4-Chlorotoluene	11.51	91	1412245	98.56	ug/l	97
83) tert-Butylbenzene	11.77	119	1485806	102.91	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	1546488	101.12	ug/l	96
85) sec-Butylbenzene	11.95	105	1790501	99.73	ug/l	99
86) p-Isopropyltoluene	12.07	119	1637620	100.82	ug/l	97
87) 1,3-Dichlorobenzene	12.03	146	917879	101.30	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	924087	100.24	ug/l	99
89) n-Butylbenzene	12.39	91	1388007	96.86	ug/l	97
90) Hexachloroethane	12.60	117	249842	111.44	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	912338	100.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	108960	99.33	ug/l	83

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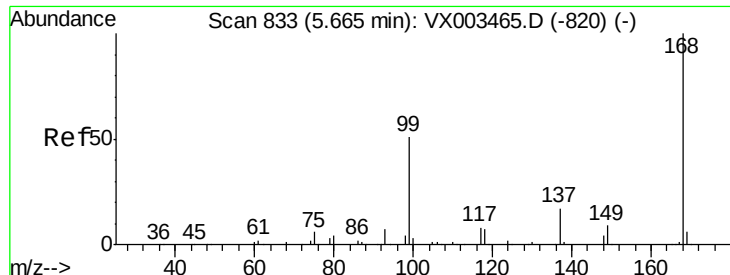
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	683690	103.30	ug/l	100
94) Hexachlorobutadiene	13.79	225	325288	93.30	ug/l	100
95) Naphthalene	13.83	128	1886721	105.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	675736	101.66	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:168 Resp: 328417

Ion Ratio Lower Upper

168 100

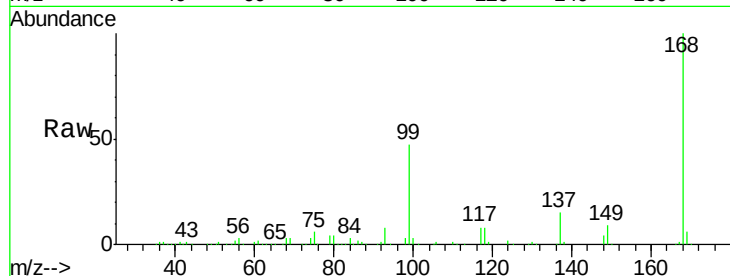
99 46.5 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

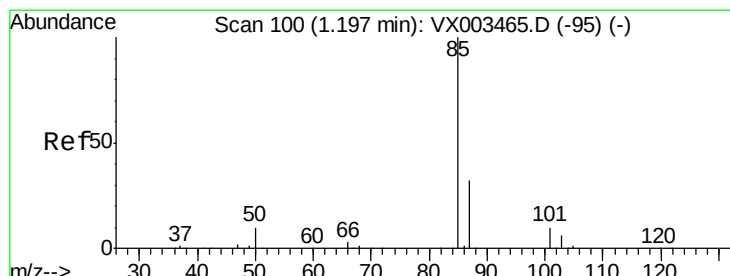
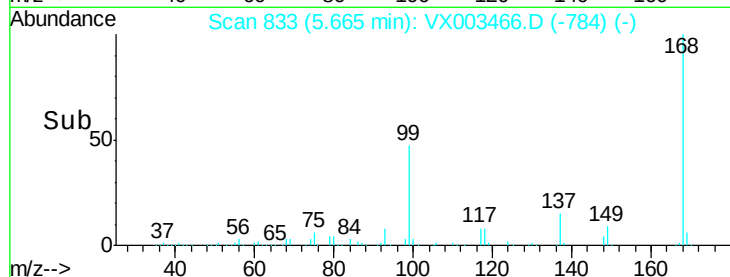
5.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 74.07 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003466.D

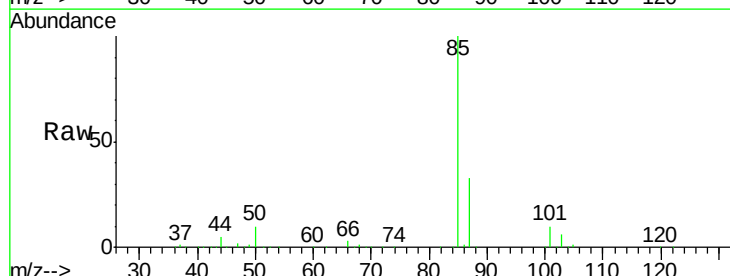
Acq: 19 Jul 2018 14:48

Tgt Ion: 85 Resp: 258260

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

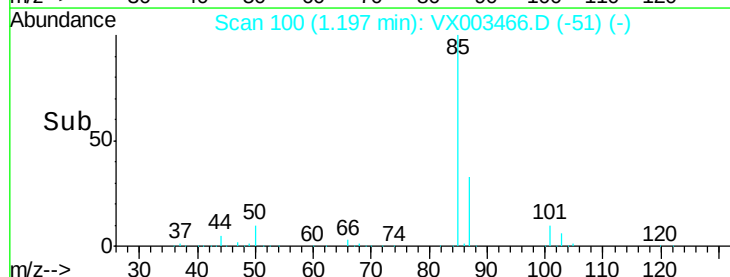
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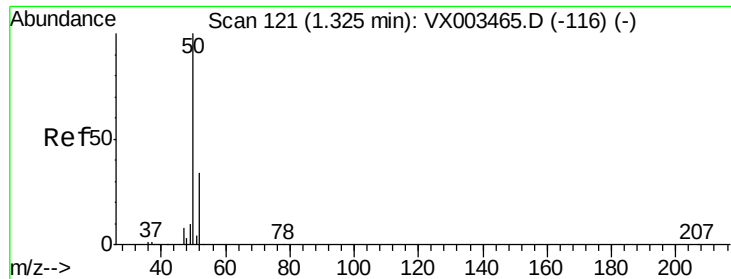
100000

50000

0

Time-->





#3

Chloromethane

Concen: 77.86 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 322913

Ion Ratio Lower Upper

50 100

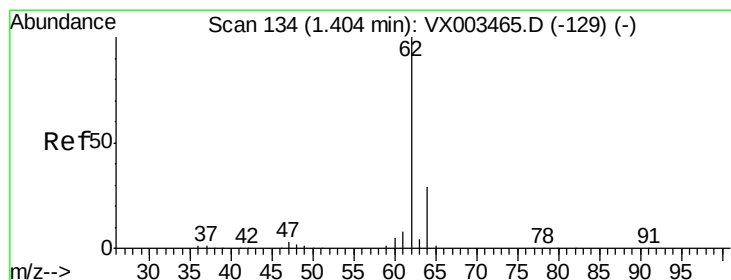
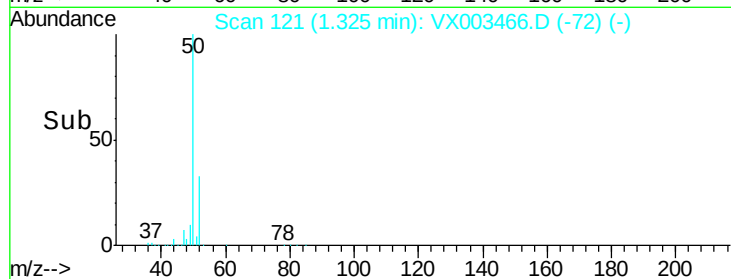
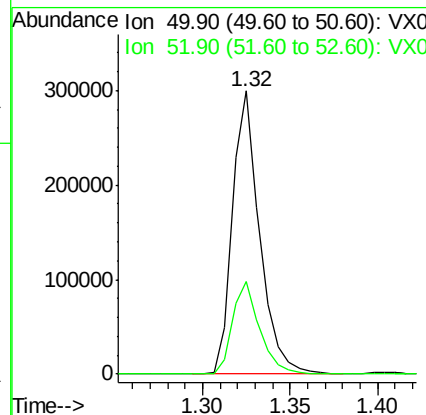
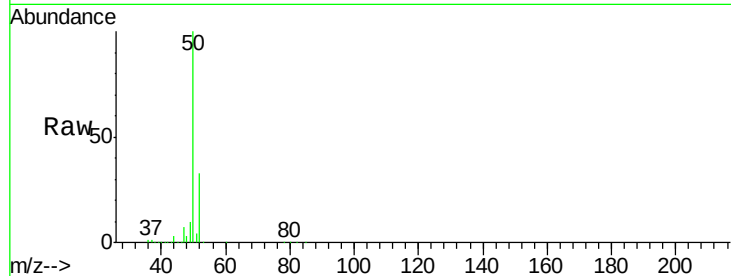
52 32.7 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 87.10 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003466.D

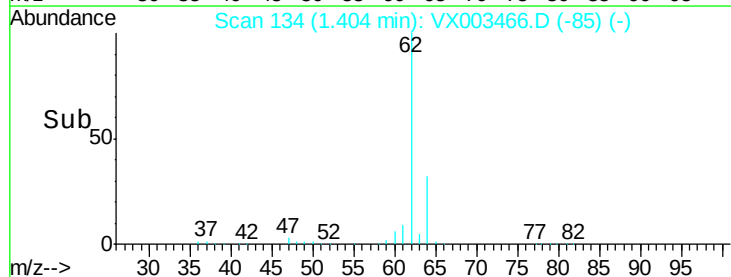
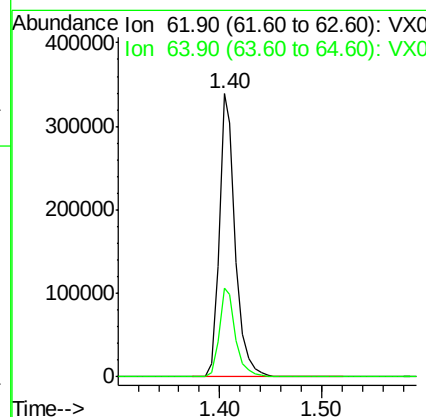
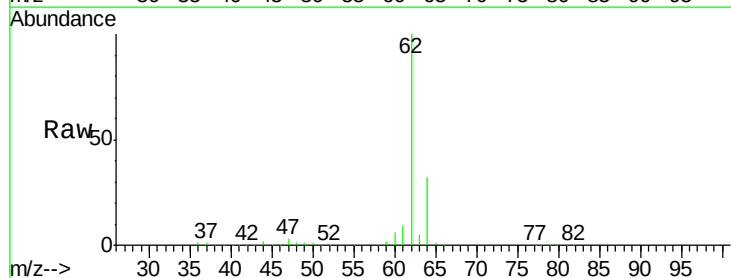
Acq: 19 Jul 2018 14:48

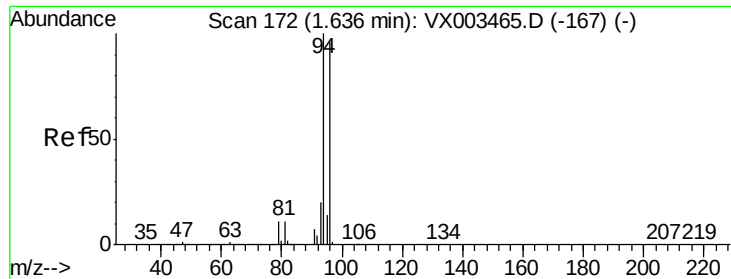
Tgt Ion: 62 Resp: 374840

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 62.82 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 163123

Ion Ratio Lower Upper

94 100

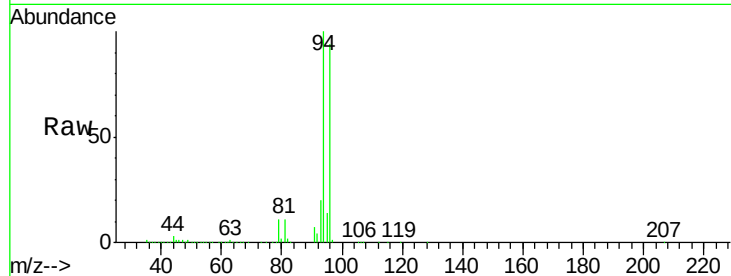
96 94.4 74.9 112.3

Manual Integrations

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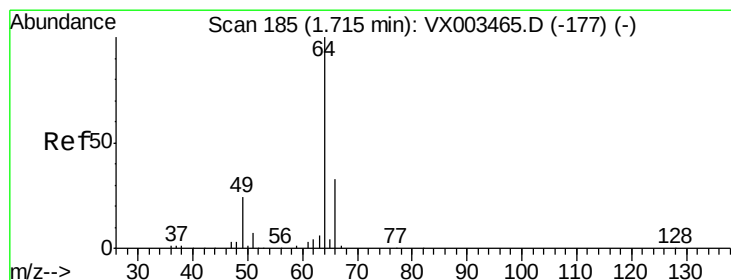
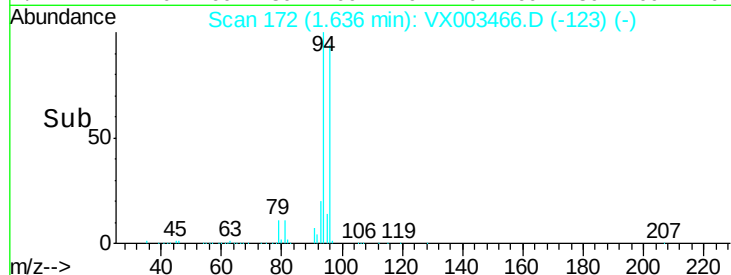
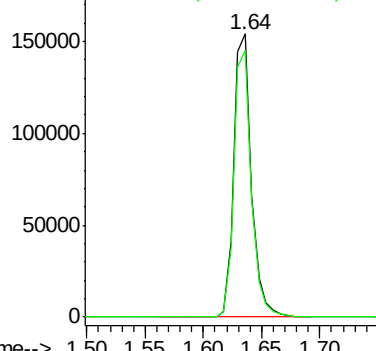
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 83.87 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX003466.D

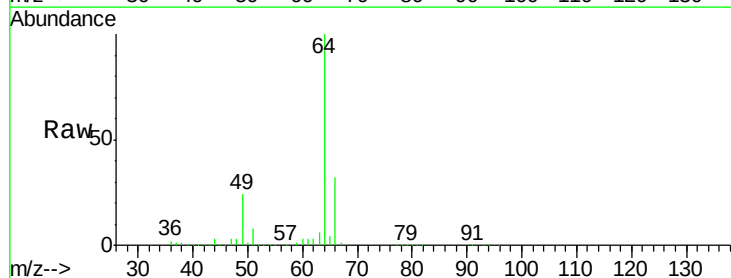
Acq: 19 Jul 2018 14:48

Tgt Ion: 64 Resp: 237904

Ion Ratio Lower Upper

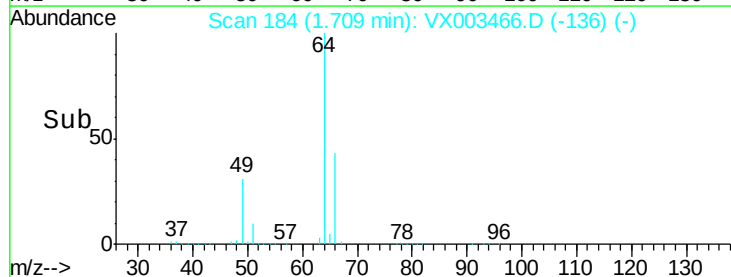
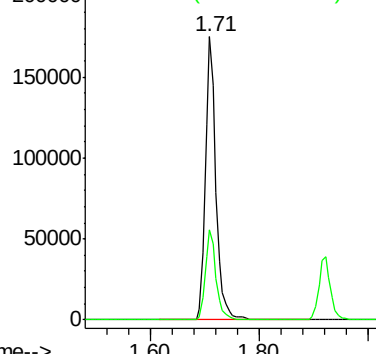
64 100

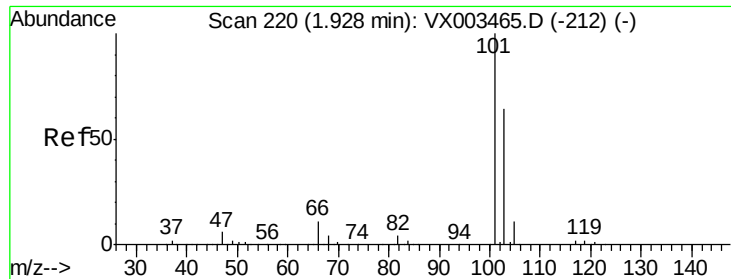
66 32.0 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

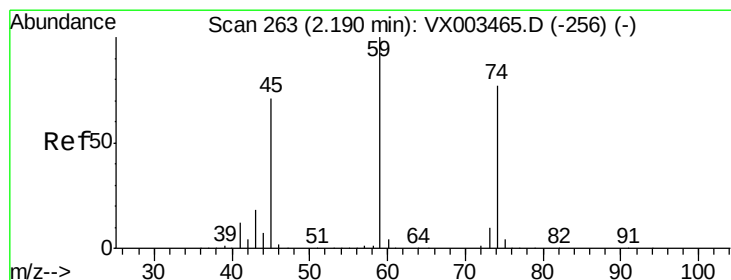
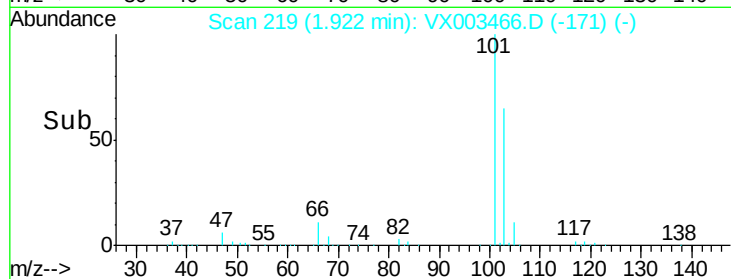
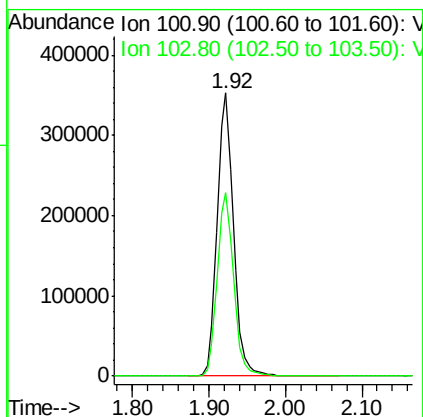
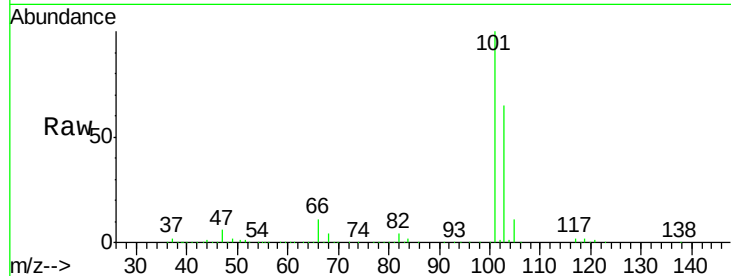
Trichlorofluoromethane
 Concen: 74.60 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.8	79.2

Manual Integrations
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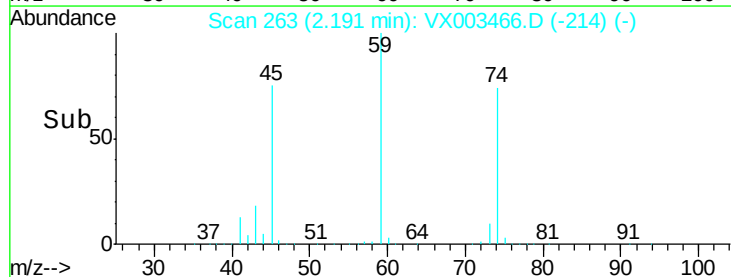
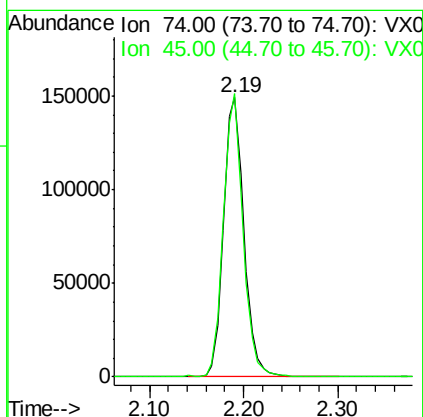
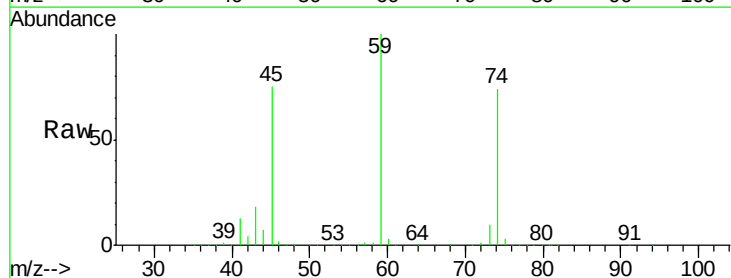
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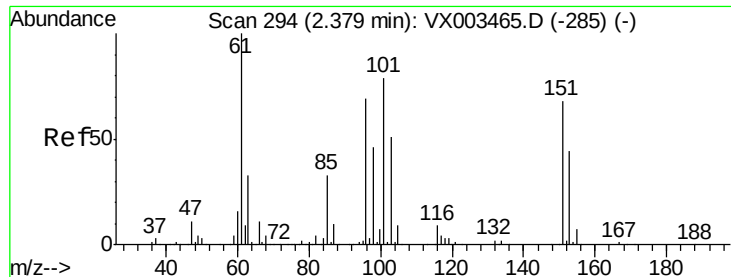


#8

Diethyl Ether
 Concen: 84.03 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.2	53.1	159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 84.98 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

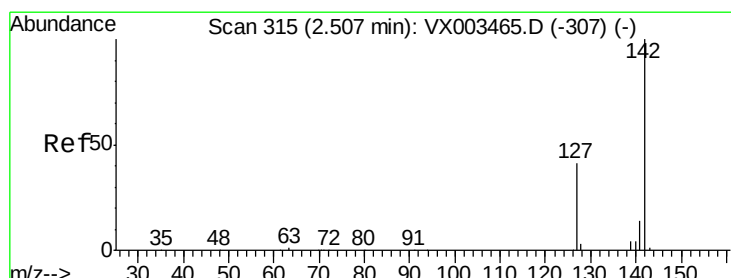
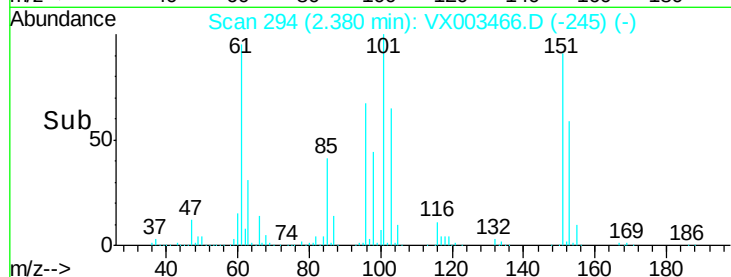
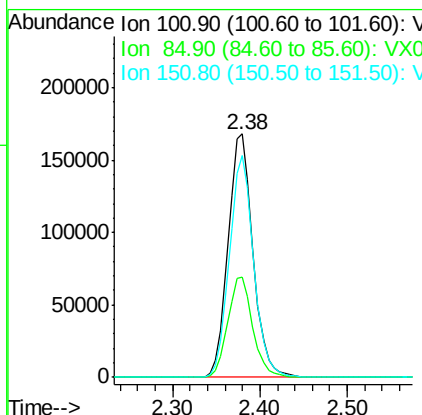
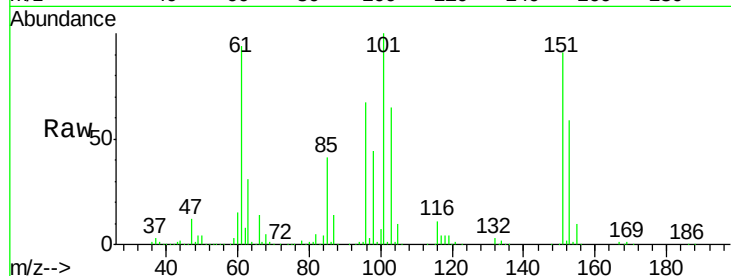
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	332153
Ion Ratio	Lower	Upper	
101	100		
85	41.4	36.0	54.0
151	89.5	70.9	106.3

Manual Integrations
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#10

Methyl Iodide

Concen: 97.09 ug/l

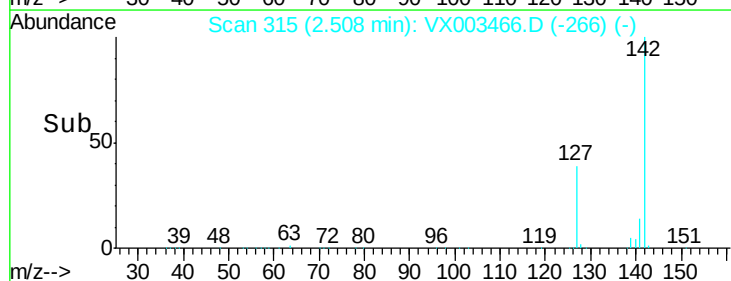
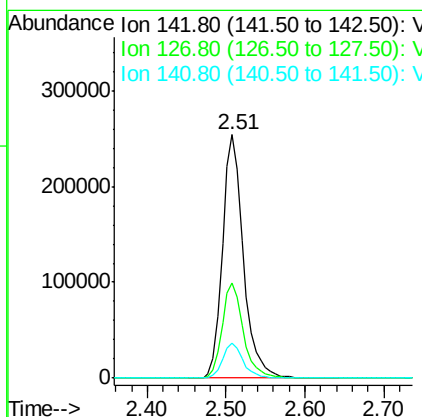
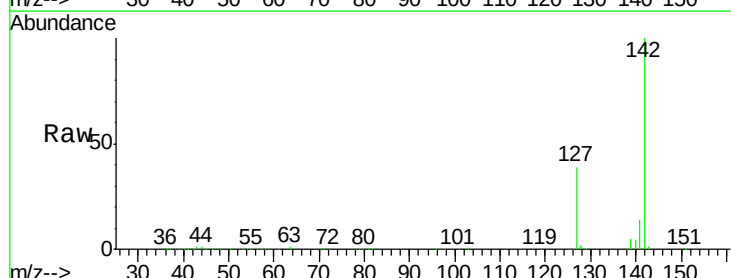
RT: 2.51 min Scan# 315

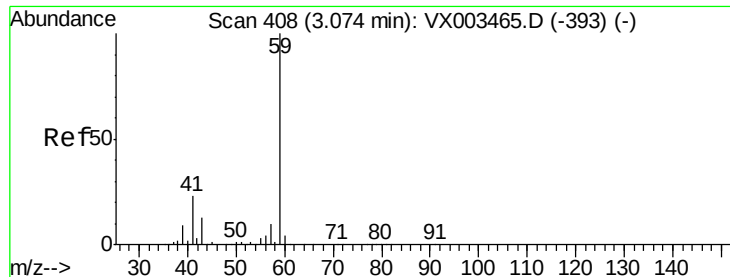
Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Tgt Ion:	142	Resp:	467315
Ion Ratio	Lower	Upper	
142	100		
127	39.4	36.6	55.0
141	14.2	11.3	16.9





#11

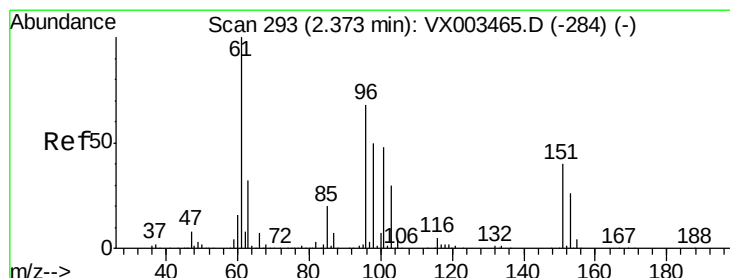
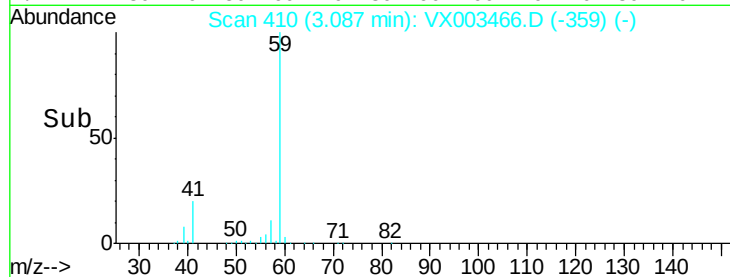
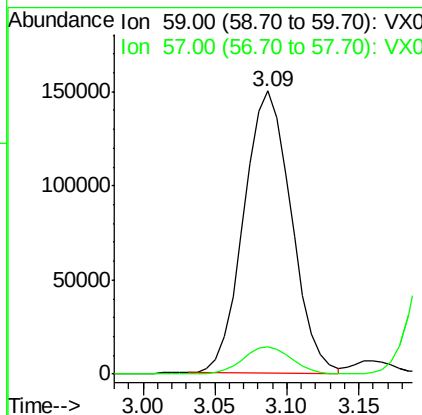
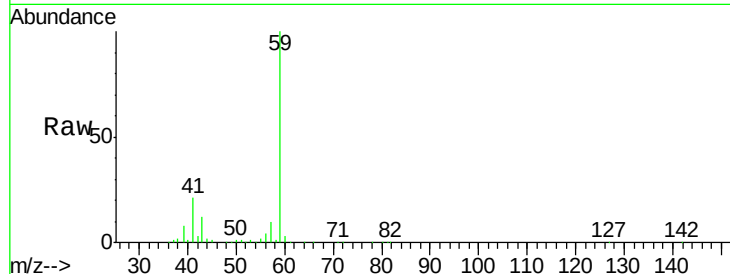
Tert butyl alcohol
Concen: 331.37 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

Manual Integrations
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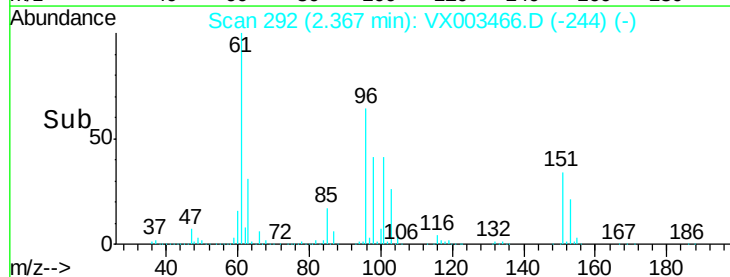
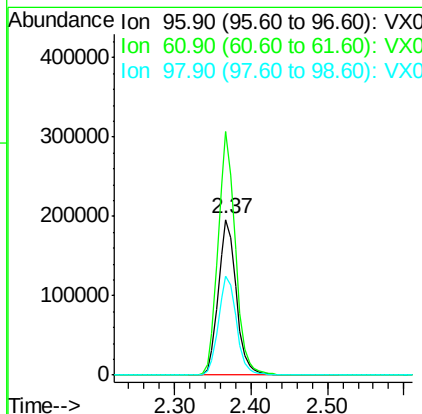
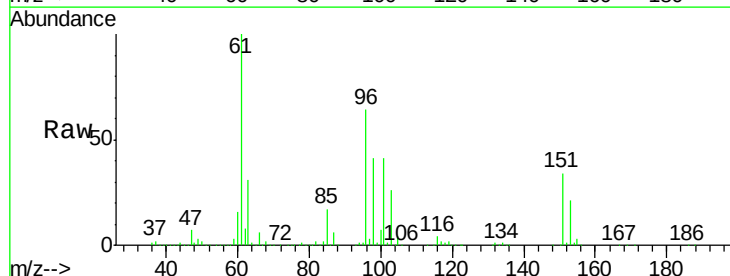
MMDadoda
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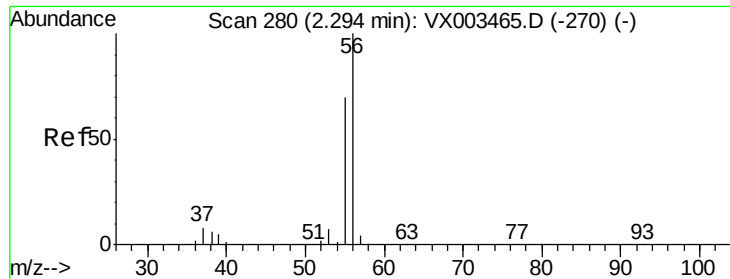


#12

1,1-Dichloroethene
Concen: 86.42 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.4	137.9	206.9
98	63.9	51.6	77.4





#13

Acrolein

Concen: 319.98 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 56 Resp: 167404

Ion Ratio Lower Upper

56 100

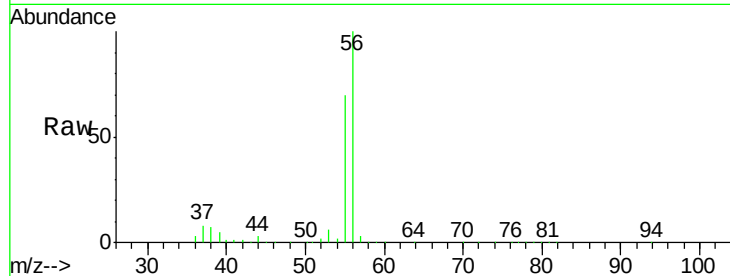
55 71.0 57.0 85.4

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

120000

100000

80000

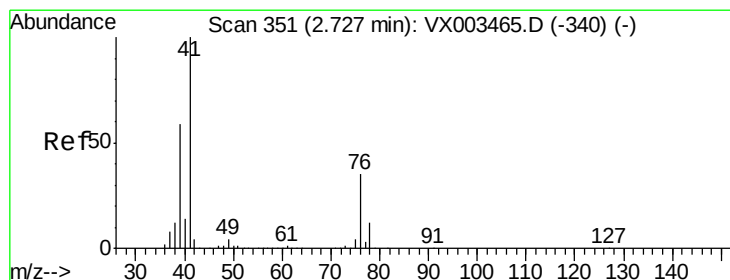
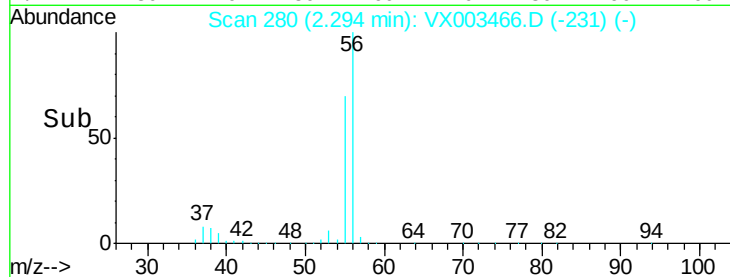
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 78.22 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

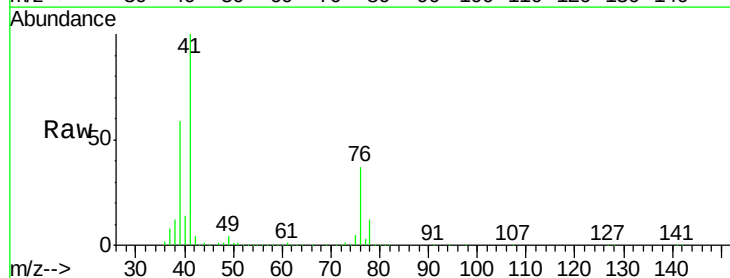
Tgt Ion: 41 Resp: 569951

Ion Ratio Lower Upper

41 100

39 57.6 56.8 85.2

76 35.1 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

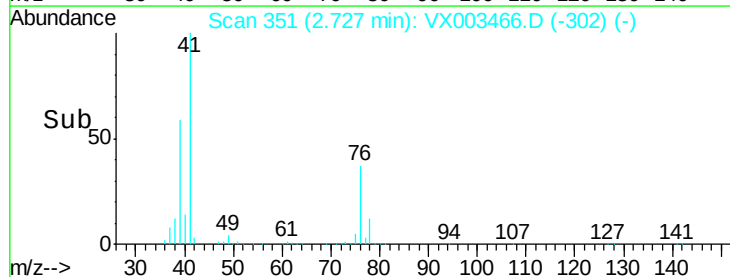
300000

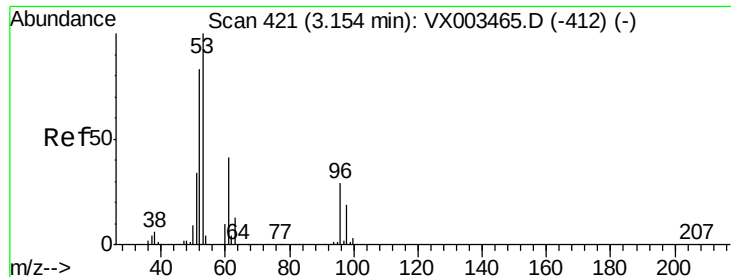
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 404.61 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

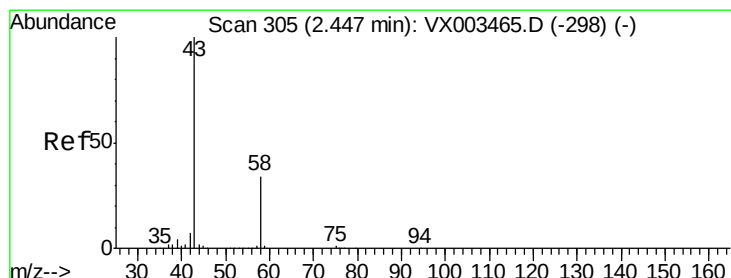
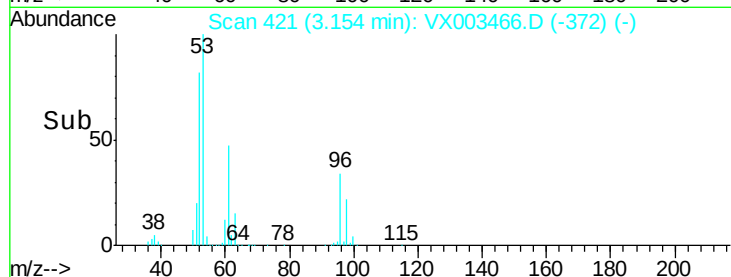
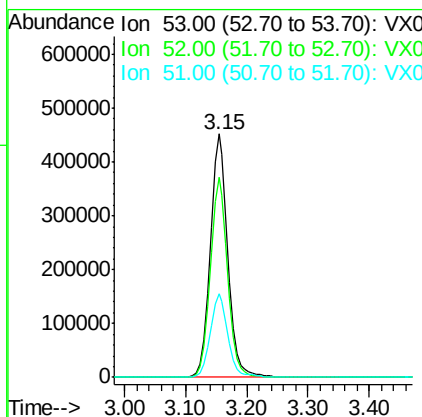
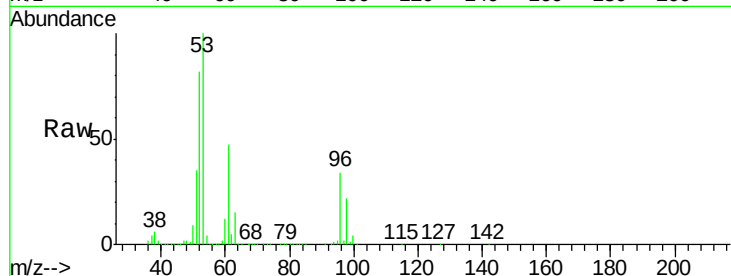
ClientSampleId :

VSTDICC100

Tot Ion:	53	Resp:	910912
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.7	100.1
51	34.9	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 312.45 ug/l

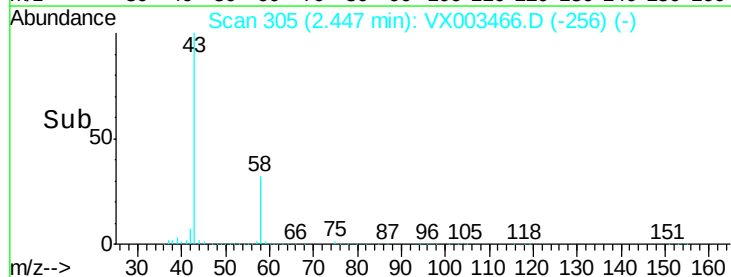
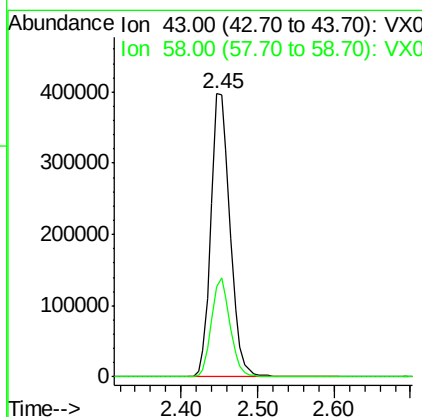
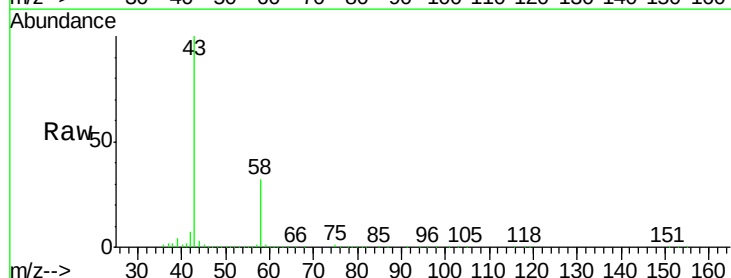
RT: 2.45 min Scan# 305

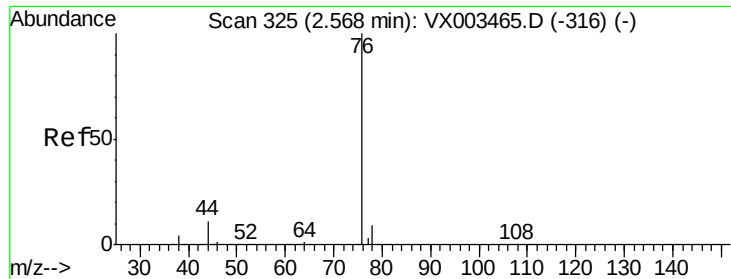
Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Tgt Ion:	43	Resp:	687965
Ion	Ratio	Lower	Upper
43	100		
58	31.7	22.1	33.1





#17

Carbon Disulfide

Concen: 104.77 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 911868

Ion Ratio Lower Upper

76 100

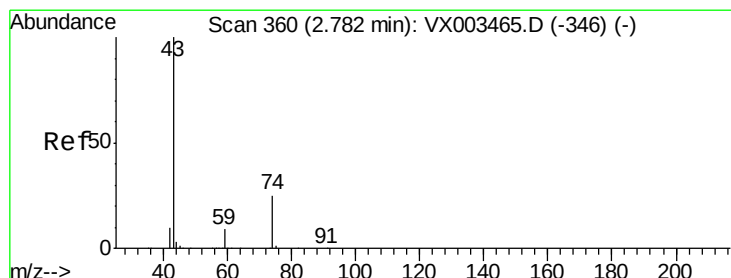
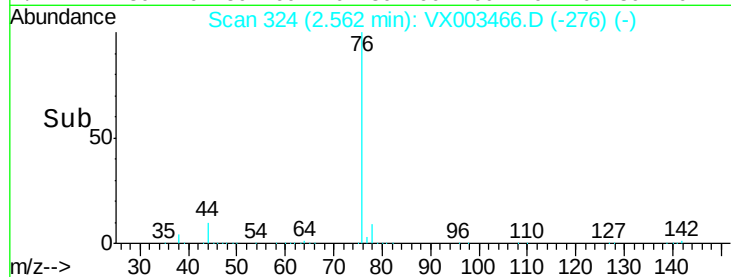
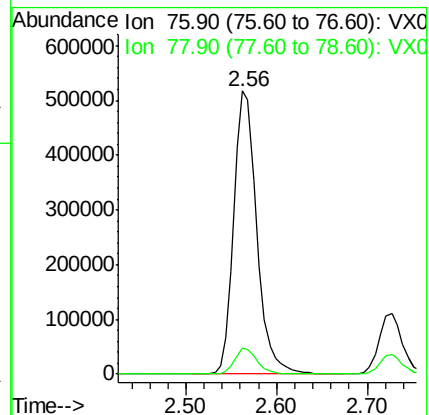
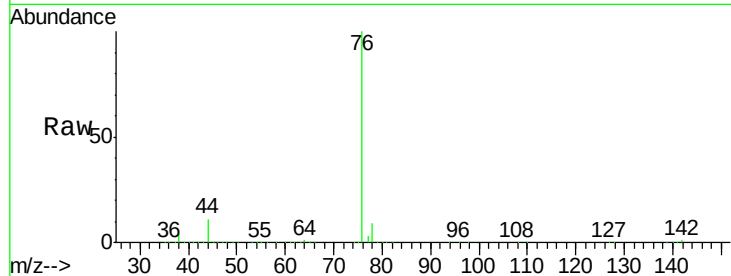
78 9.0 6.9 10.3

Manual Integrations

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#18

Methyl Acetate

Concen: 74.62 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003466.D

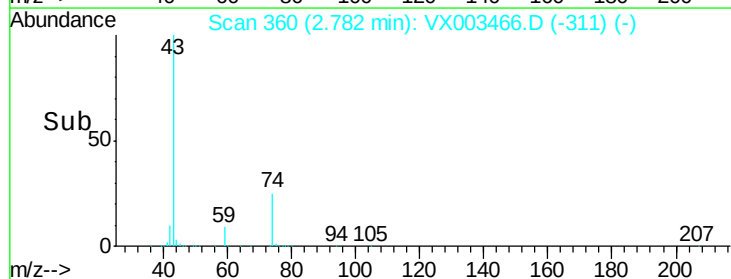
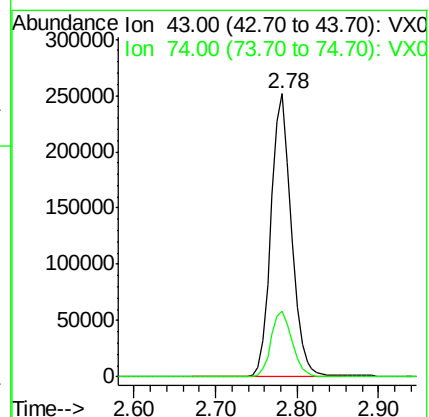
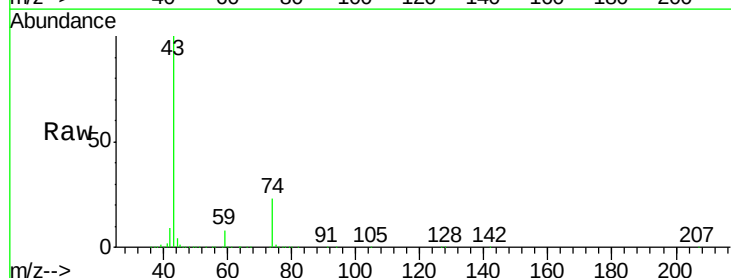
Acq: 19 Jul 2018 14:48

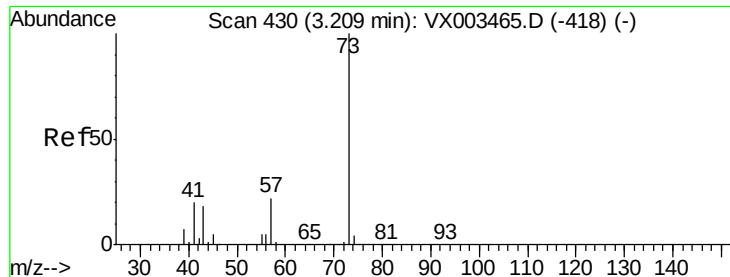
Tgt Ion: 43 Resp: 437742

Ion Ratio Lower Upper

43 100

74 23.9 16.7 25.1





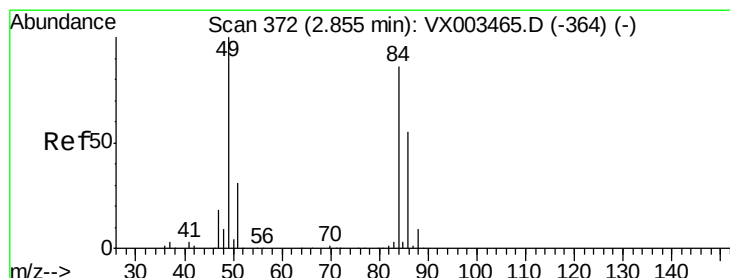
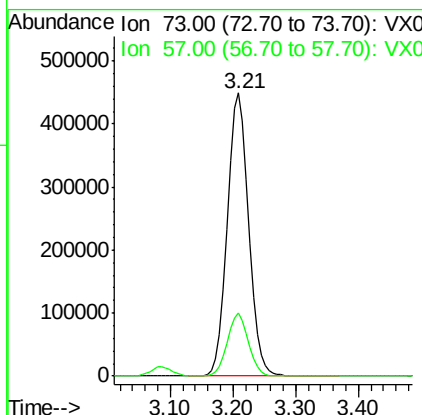
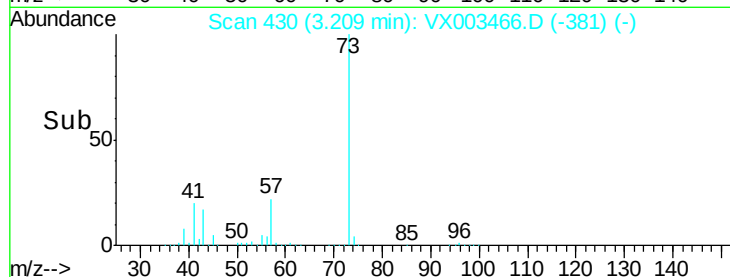
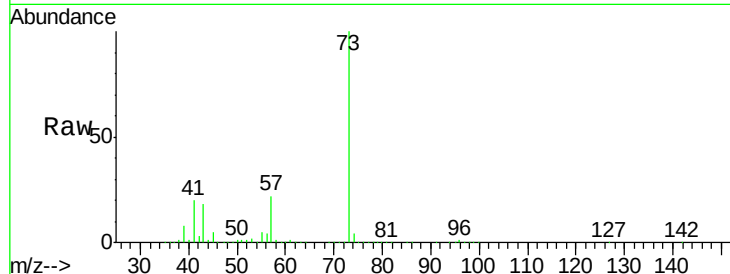
#19
Methyl tert-butyl Ether
Concen: 76.61 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion: 73 Resp: 1054580
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5

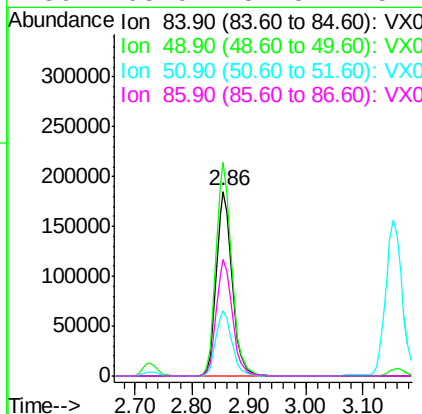
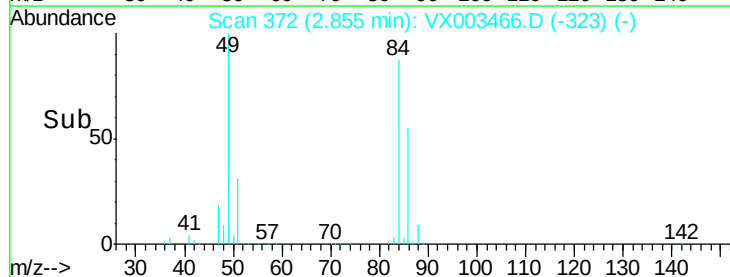
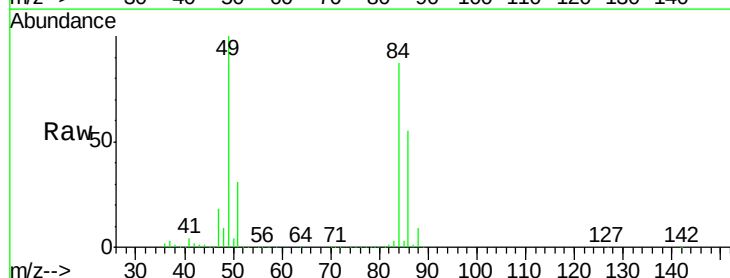
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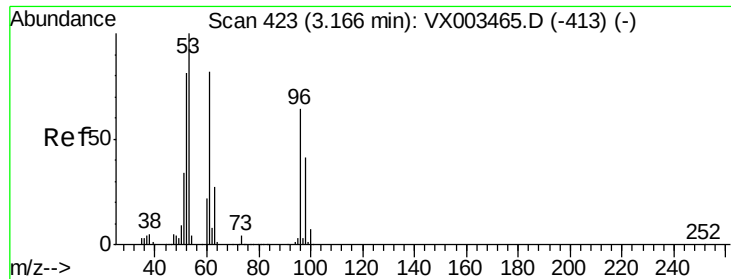
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#20
Methylene Chloride
Concen: 78.68 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion: 84 Resp: 355211
Ion Ratio Lower Upper
84 100
49 115.5 107.8 161.6
51 35.3 32.8 49.2
86 63.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 86.39 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 343901

Ion Ratio Lower Upper

96 100

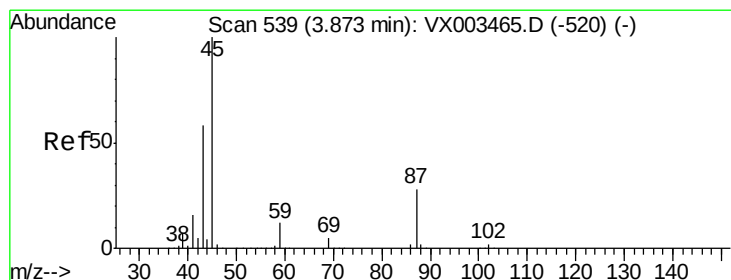
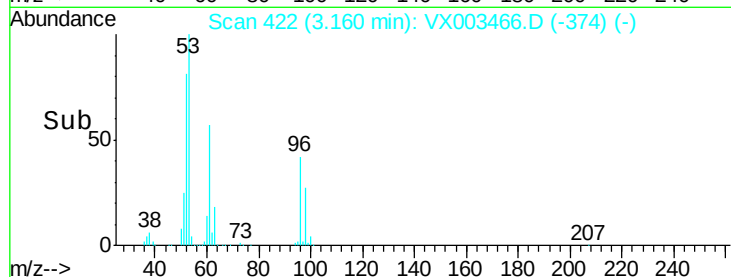
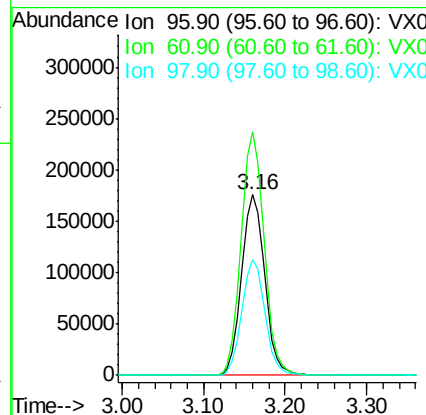
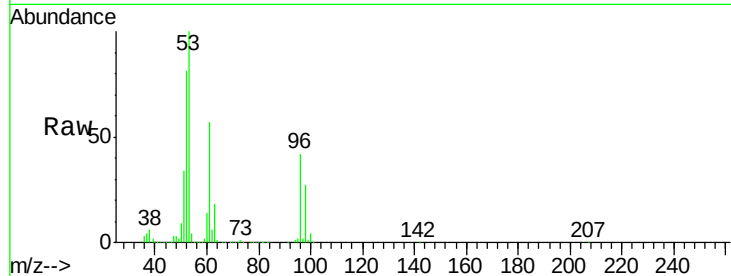
61 134.7 117.0 175.4

98 64.2 52.4 78.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 80.29 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Tgt Ion: 45 Resp: 1058451

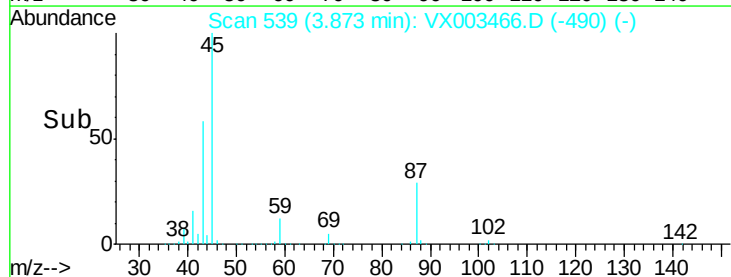
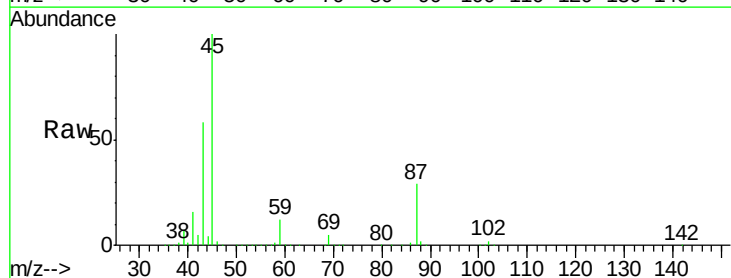
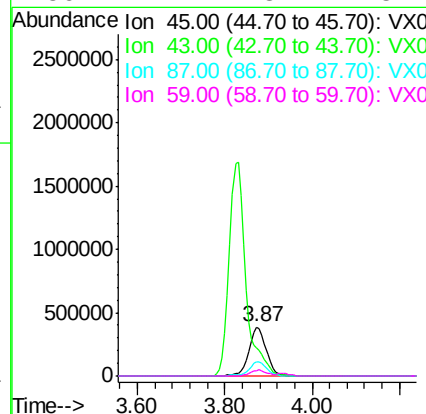
Ion Ratio Lower Upper

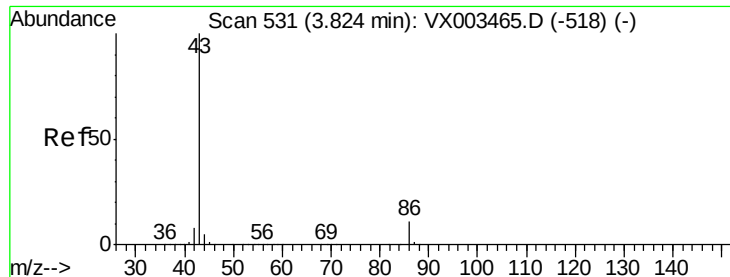
45 100

43 58.0 46.8 70.2

87 28.9 20.2 30.4

59 11.7 8.7 13.1





#23

Vinyl Acetate

Concen: 401.29 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.01 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 4427471

Ion Ratio Lower Upper

43 100

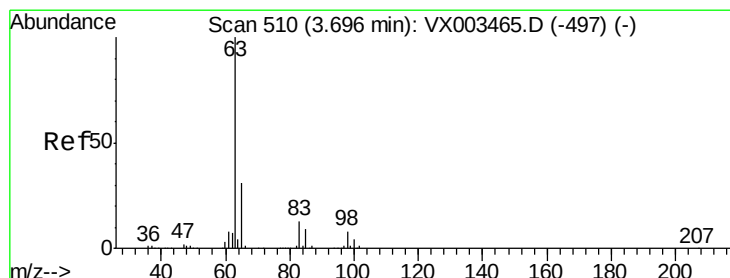
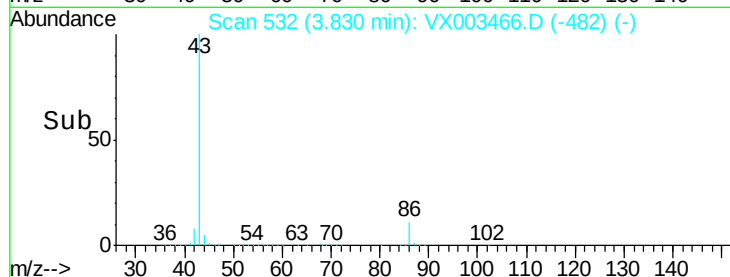
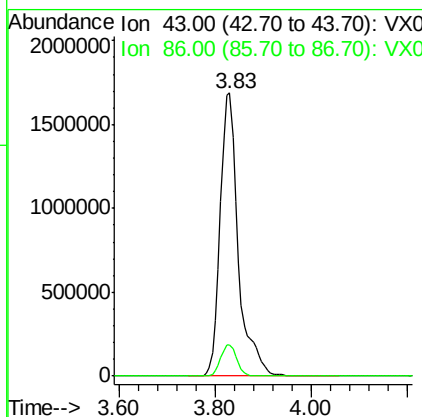
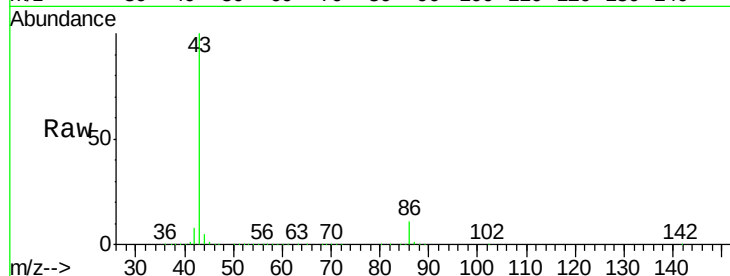
86 11.1 7.4 11.0#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 85.69 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

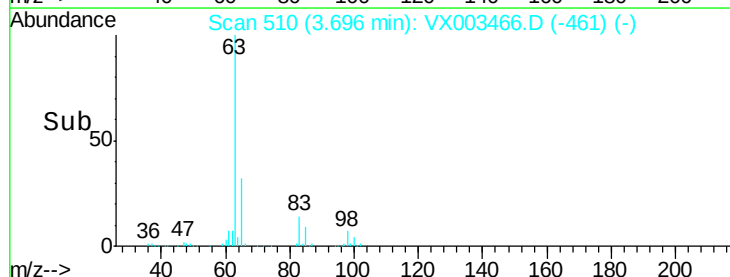
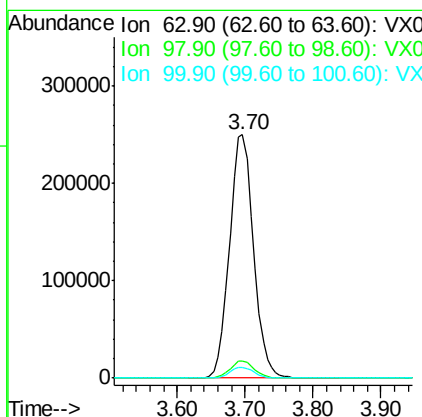
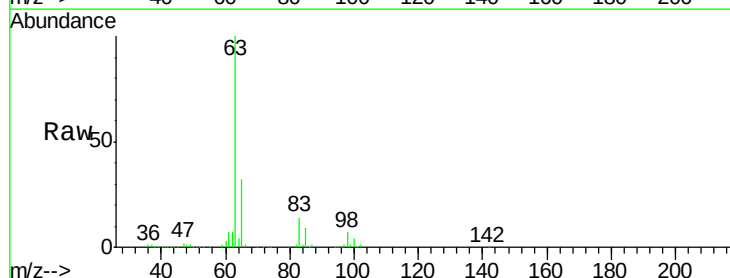
Tgt Ion: 63 Resp: 613106

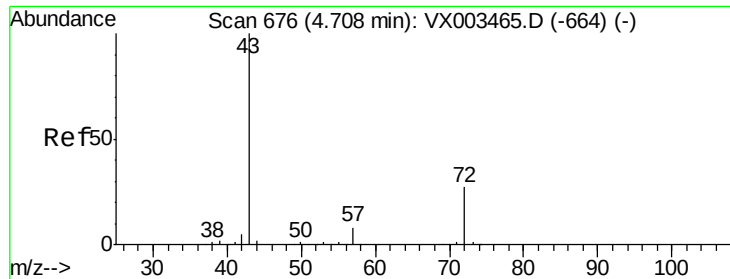
Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.2

100 4.2 2.0 6.0





#25

2-Butanone

Concen: 398.70 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 1152883

Ion Ratio Lower Upper

43 100

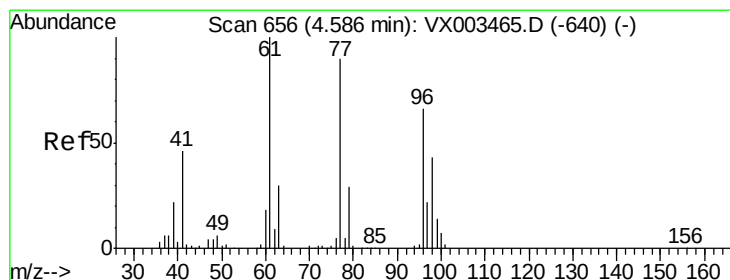
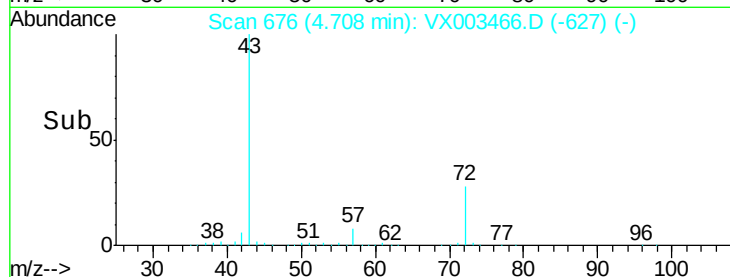
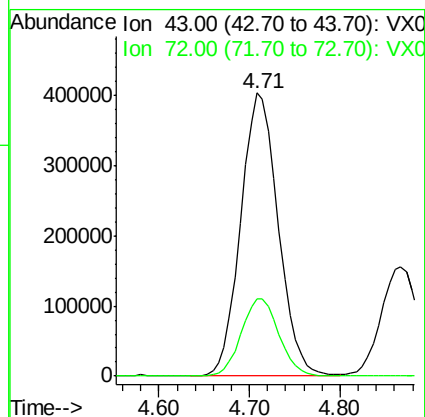
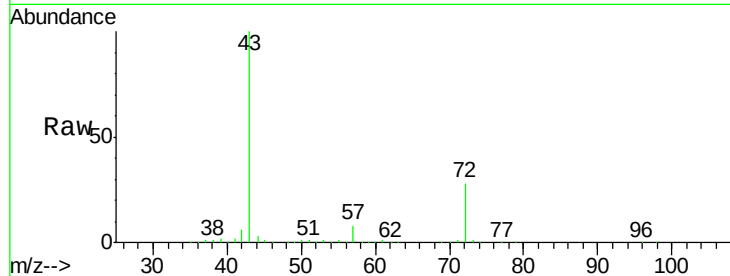
72 27.5 18.5 27.7

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 93.82 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003466.D

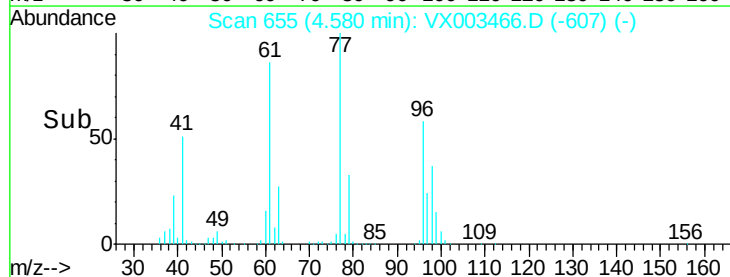
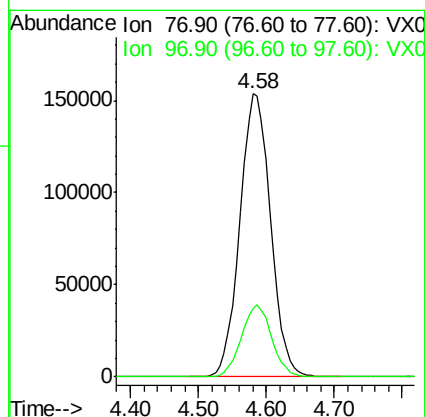
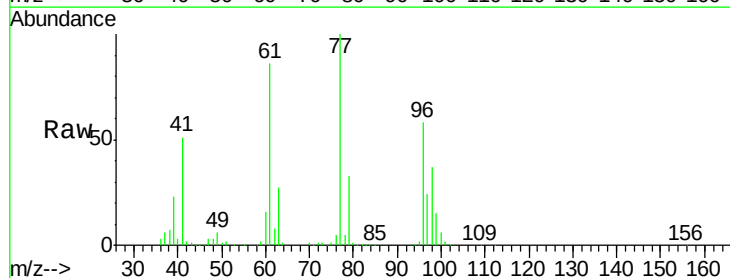
Acq: 19 Jul 2018 14:48

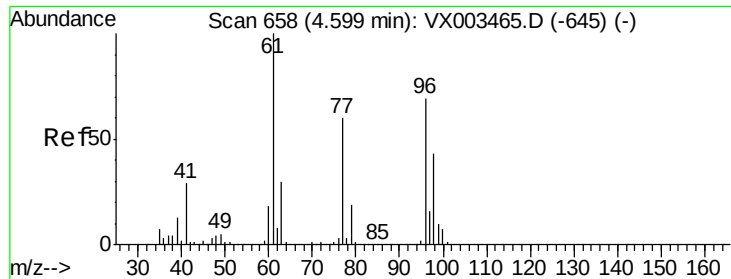
Tgt Ion: 77 Resp: 482312

Ion Ratio Lower Upper

77 100

97 25.1 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 97.46 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

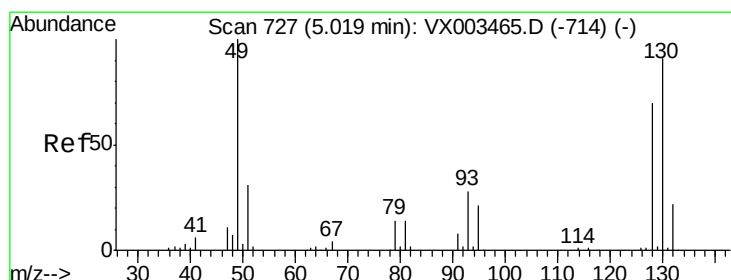
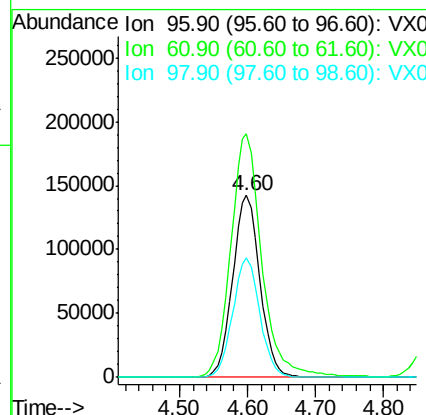
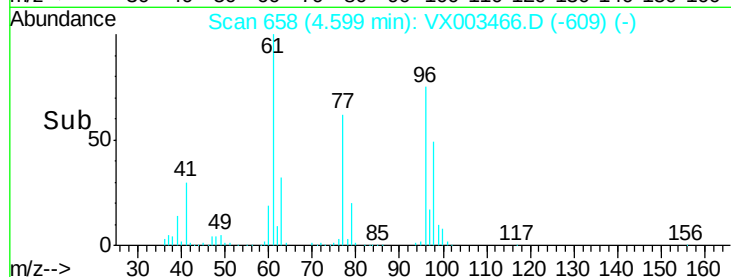
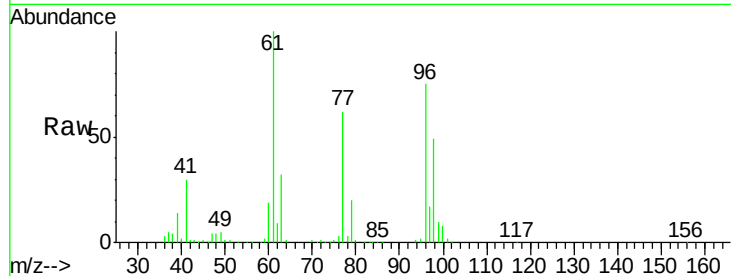
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	394770
Ion	Ratio	Lower	Upper
96	100		
61	152.1	0.0	330.2
98	65.2	0.0	130.2

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#28

Bromochloromethane

Concen: 80.32 ug/l

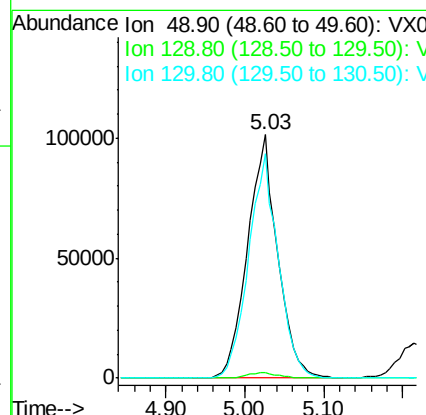
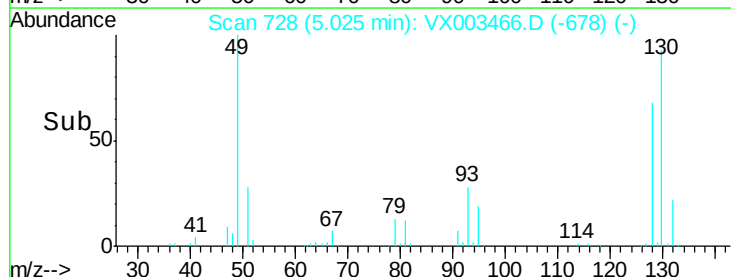
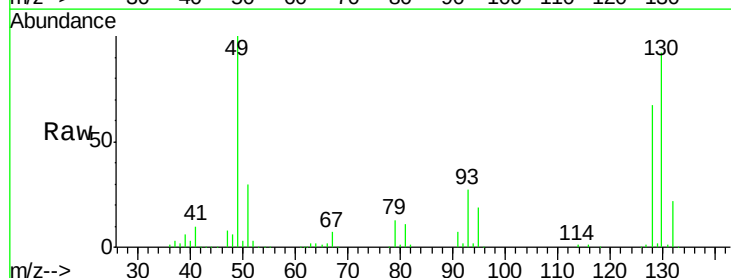
RT: 5.03 min Scan# 728

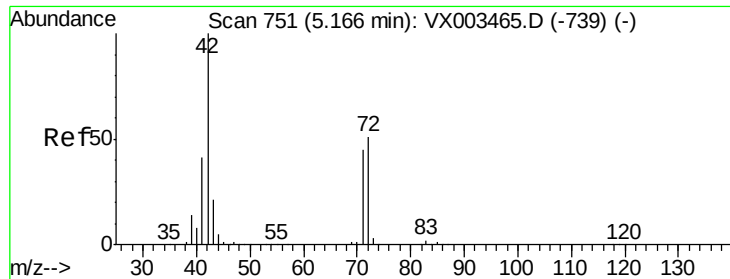
Delta R.T. 0.01 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Tgt Ion:	49	Resp:	269123
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.2
130	91.3	61.2	91.8





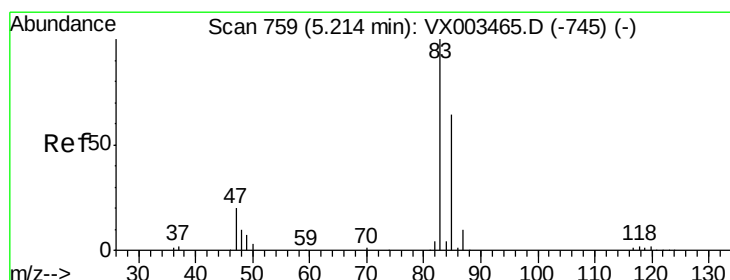
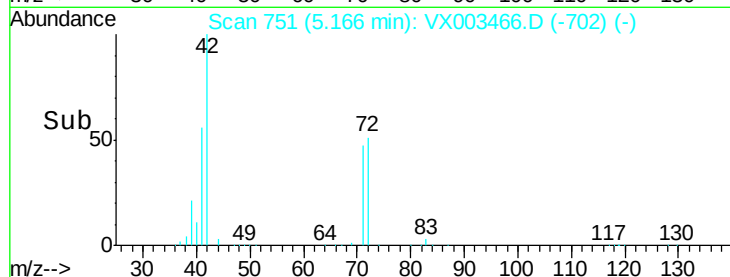
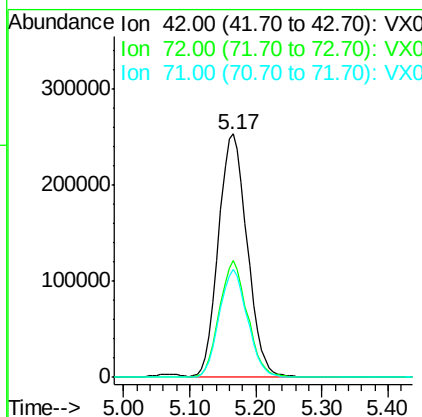
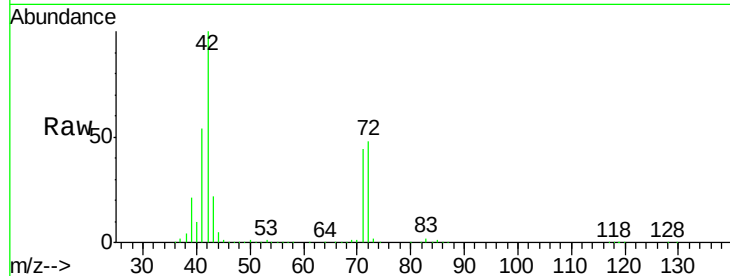
#29
Tetrahydrofuran
Concen: 401.98 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	32.0	48.0
71	43.6	30.1	45.1

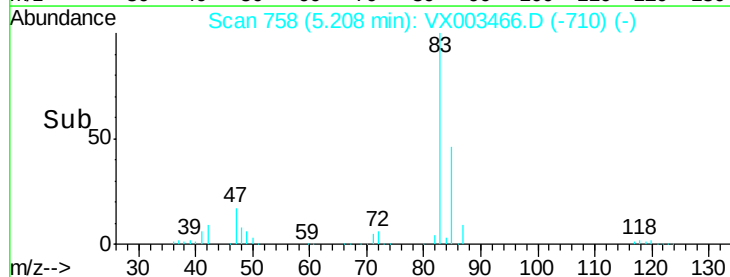
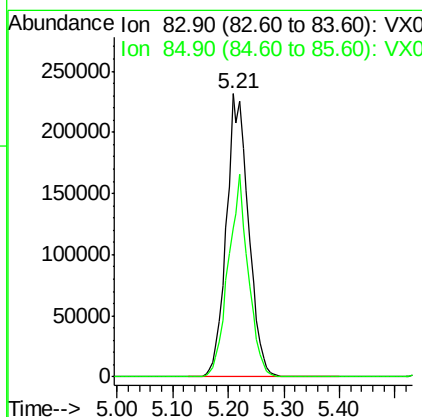
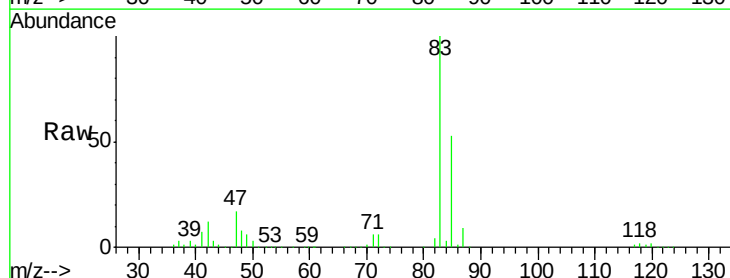
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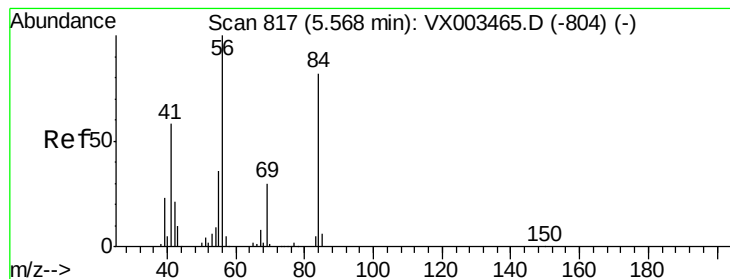
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#30
Chloroform
Concen: 92.51 ug/l
RT: 5.21 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	52.8	50.4	75.6





#31

Cyclohexane

Concen: 102.69 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

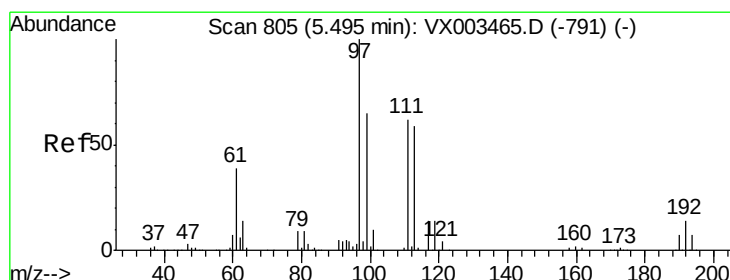
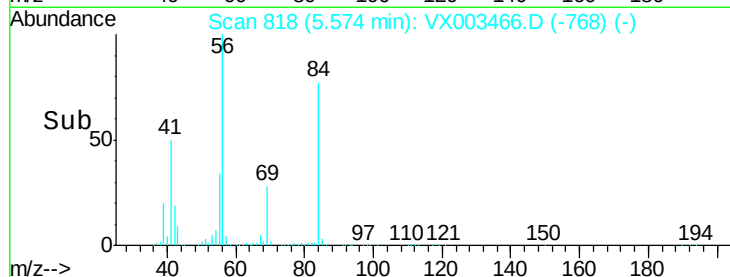
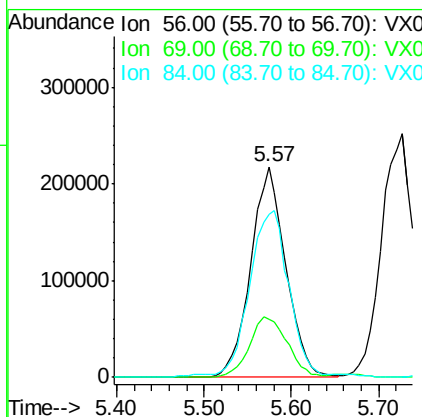
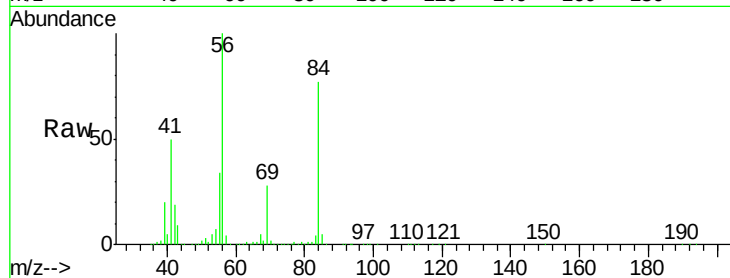
ClientSampleId :

VSTDIC100

Tot Ion:	56	Resp:	604910
Ion	Ratio	Lower	Upper
56	100		
69	27.6	23.7	35.5
84	76.4	64.1	96.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 94.38 ug/l

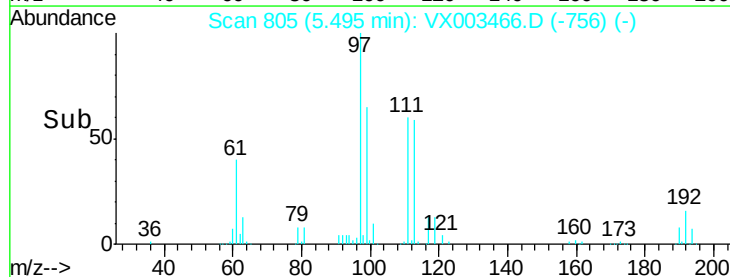
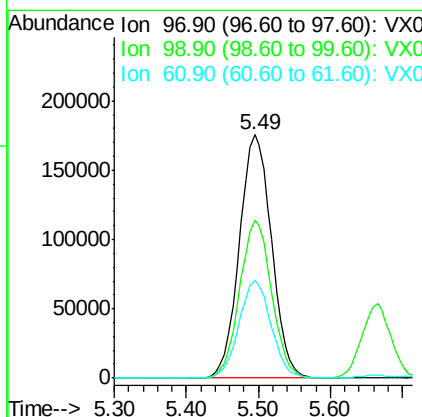
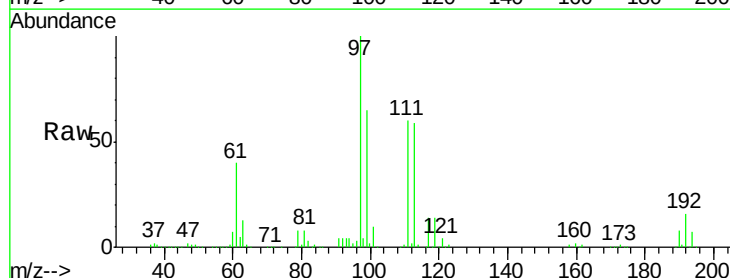
RT: 5.49 min Scan# 805

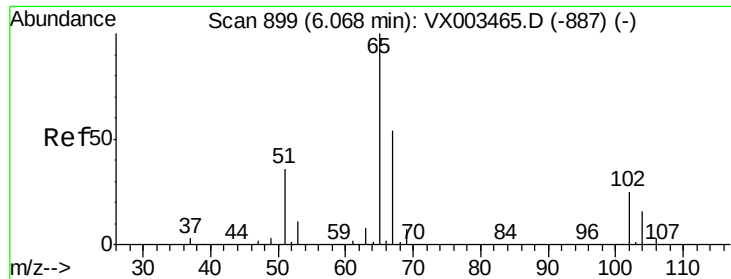
Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Tgt Ion:	97	Resp:	544611
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	40.1	36.4	54.6





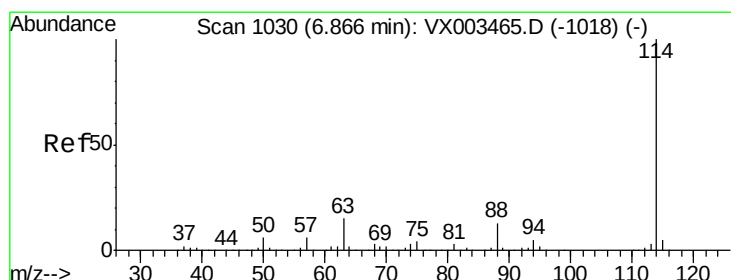
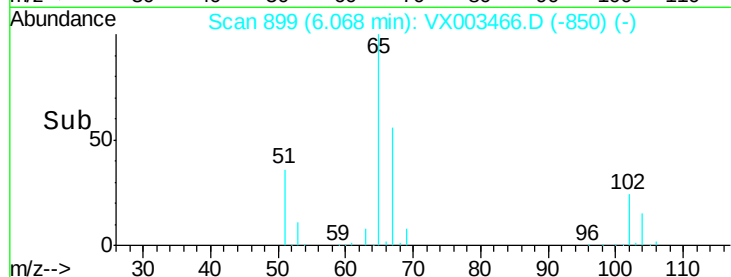
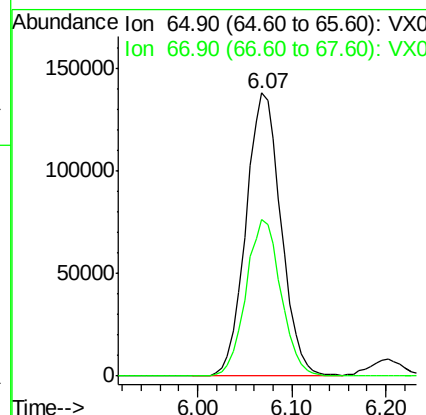
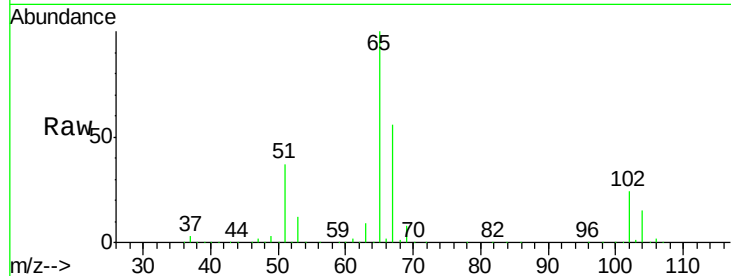
#33
 1,2-Dichloroethane-d4
 Concen: 72.28 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
65	100	360708		
67	55.2	0.0	102.6	

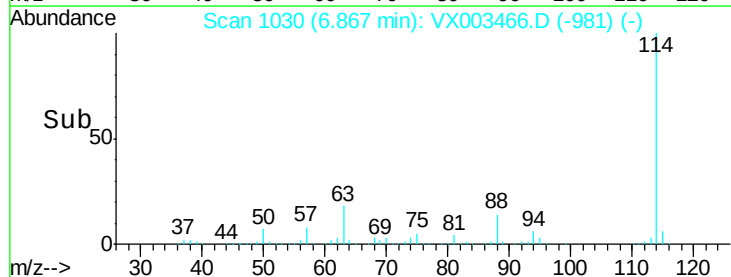
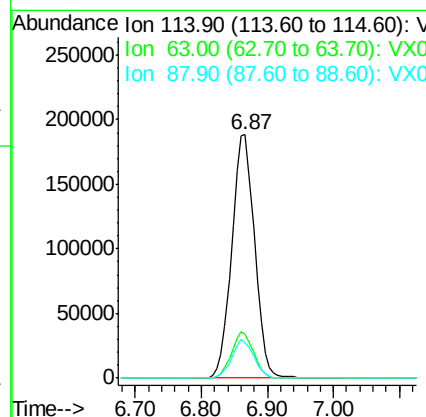
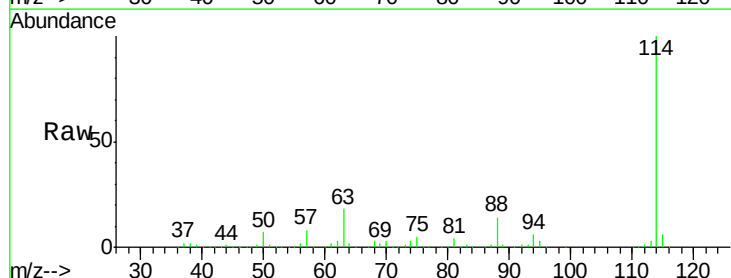
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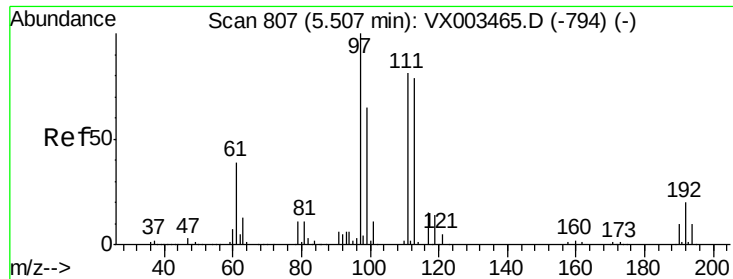
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	451964		
63	18.2	0.0	41.4	
88	14.4	0.0	30.0	





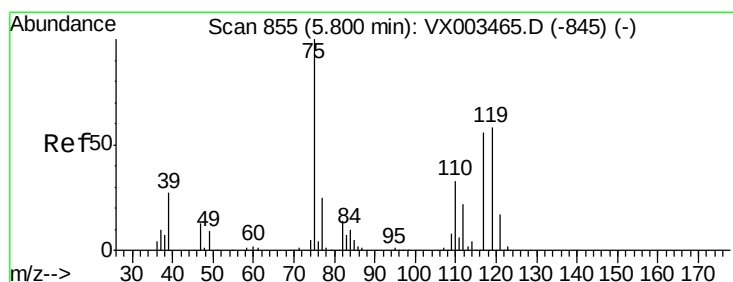
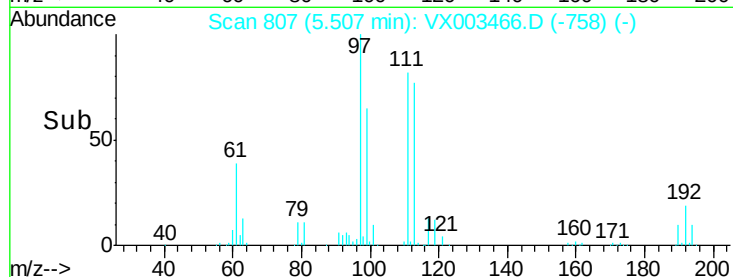
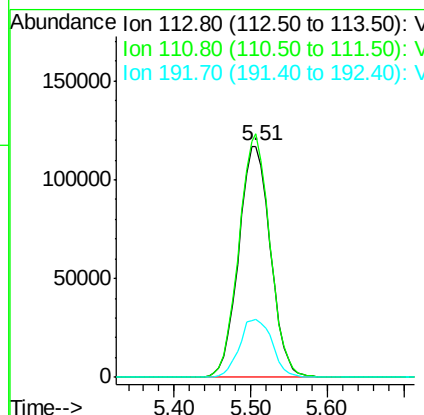
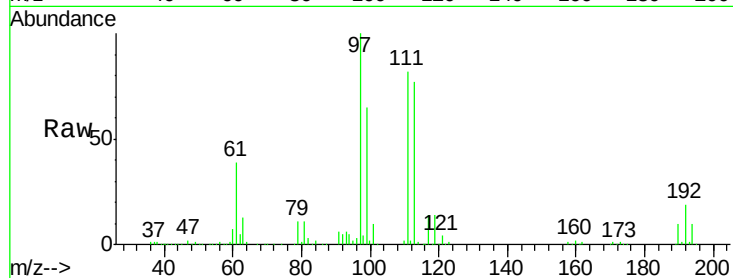
#35
Dibromofluoromethane
Concen: 93.61 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
113	100	337674		
111	102.8	81.4	122.0	
192	26.0	19.1	28.7	

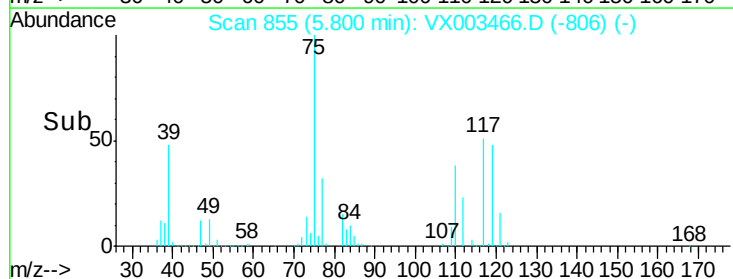
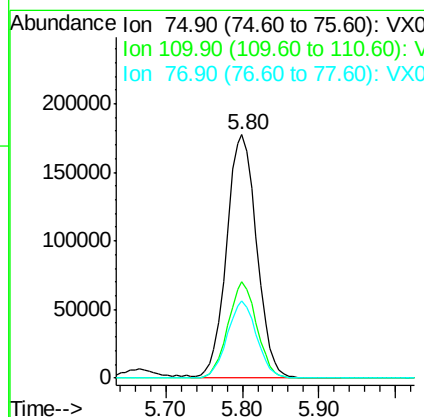
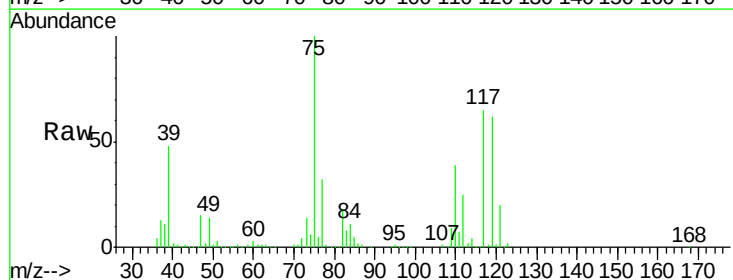
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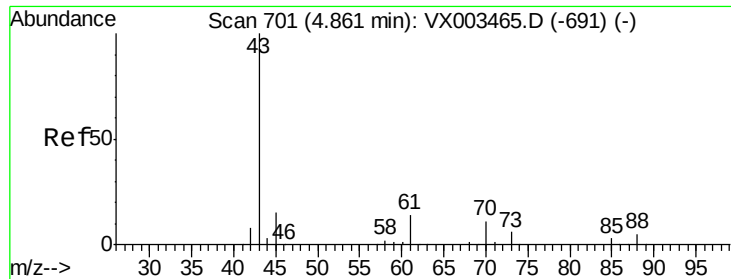
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#36
1,1-Dichloropropene
Concen: 100.03 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	480160		
110	38.2	18.1	54.4	
77	30.9	24.3	36.5	





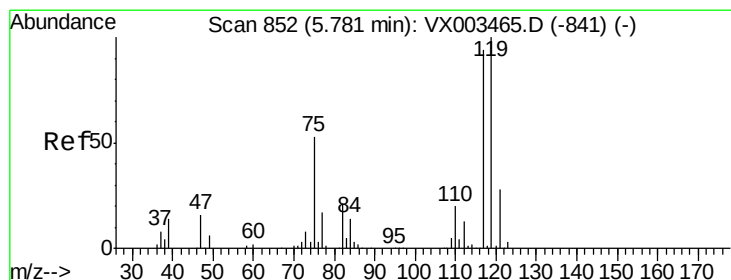
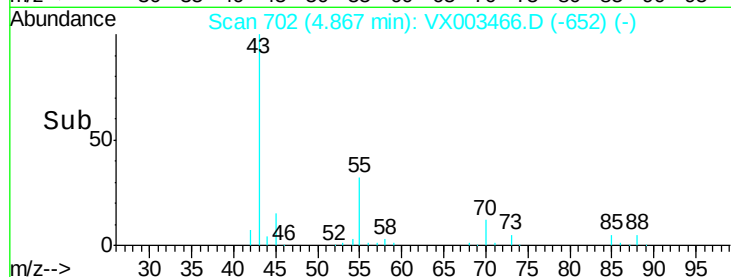
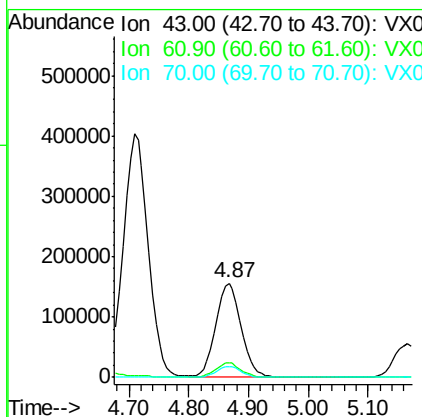
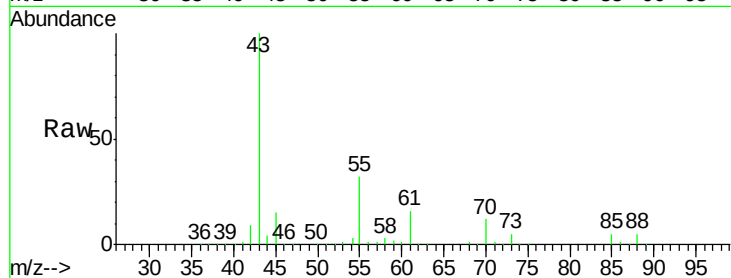
#37
Ethyl Acetate
Concen: 84.67 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	10.4	15.6
70	11.6	7.6	11.4

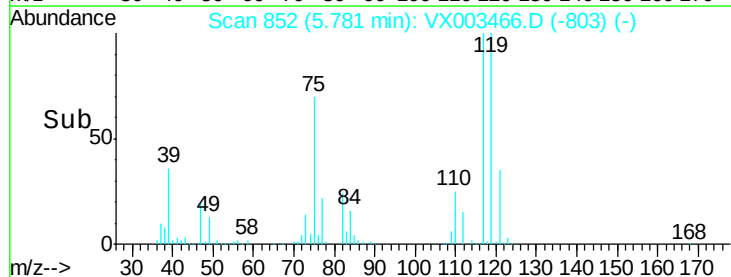
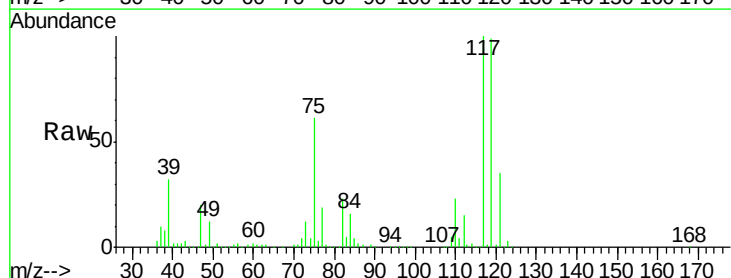
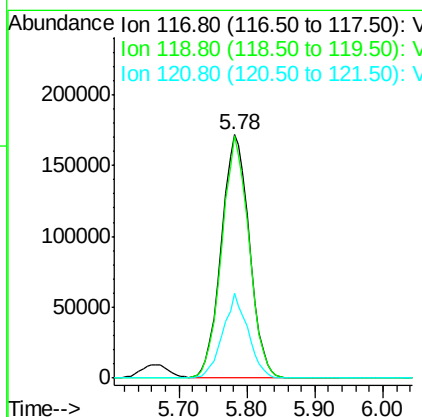
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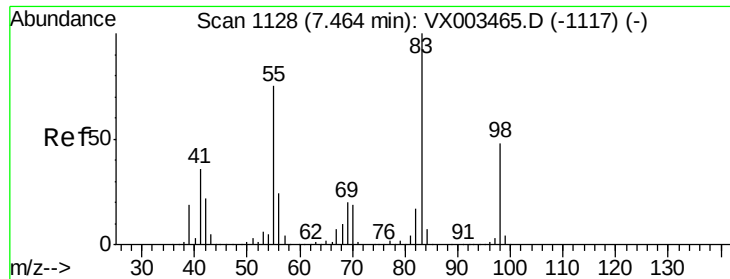
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#38
Carbon Tetrachloride
Concen: 102.84 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	77.4	116.0
121	34.8	24.4	36.6





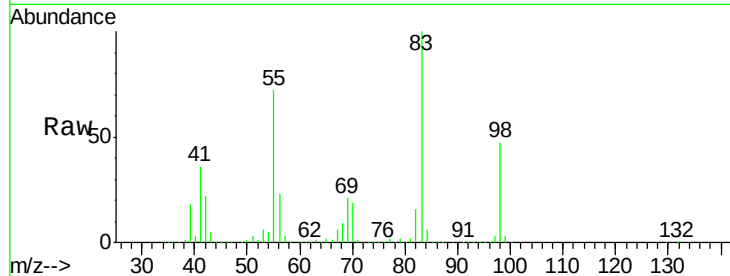
#39
Methylvlcyclohexane
Concen: 104.92 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

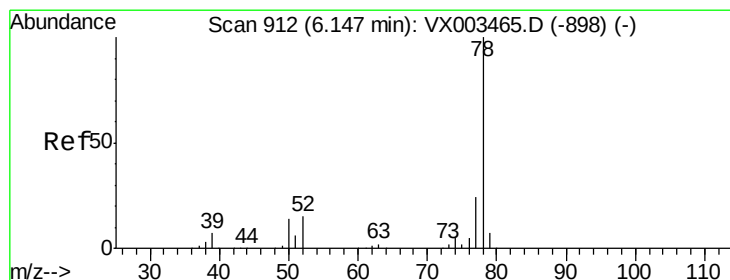
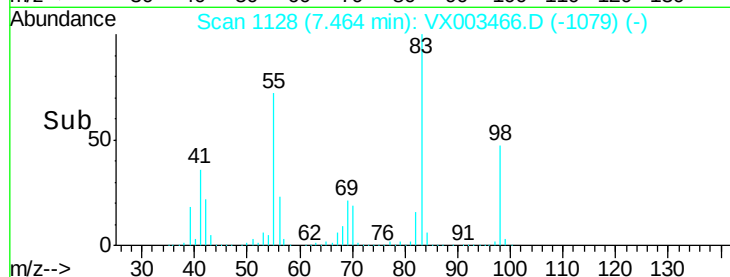
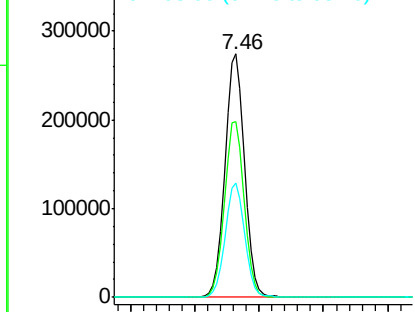
Tot Ion	Ratio	Resp	Lower	Upper
83	100	588746		
55	71.9		65.4	98.0
98	46.9		37.4	56.0

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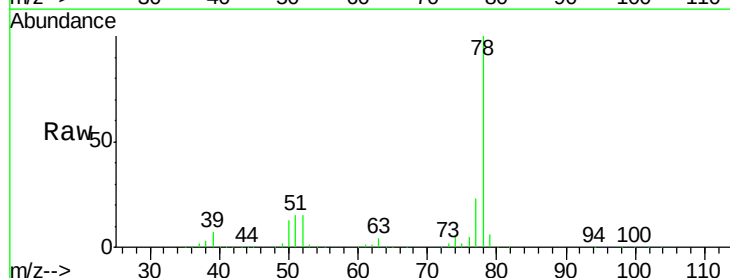


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

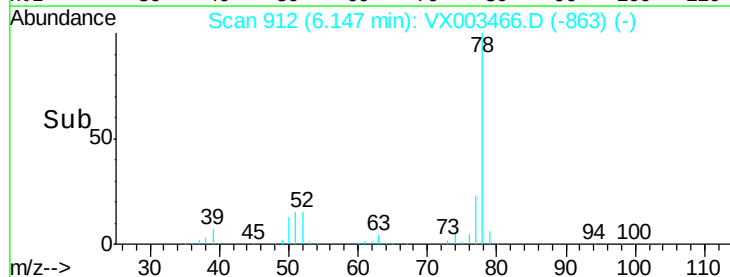
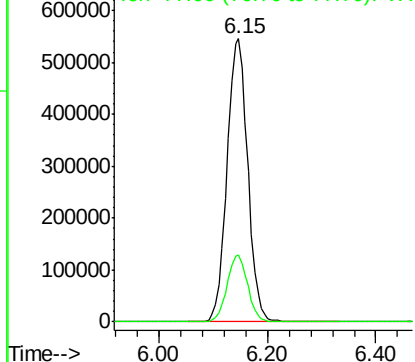


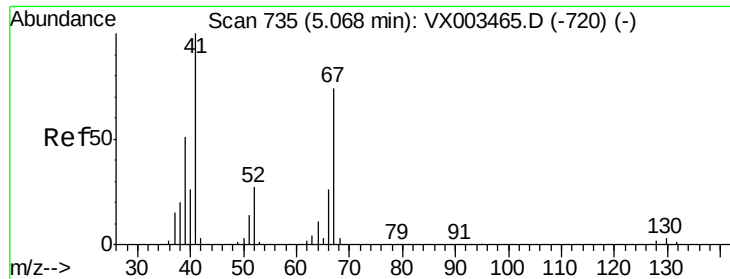
#40
Benzene
Concen: 100.38 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1444835		
77	23.5		19.1	28.7



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





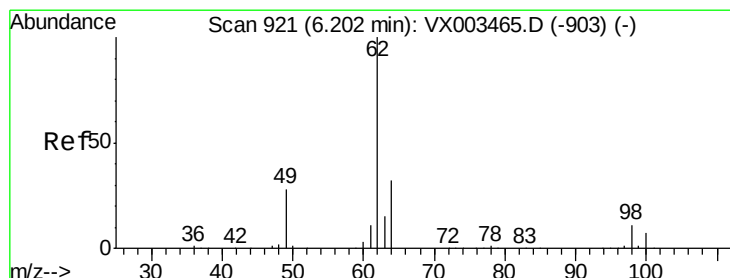
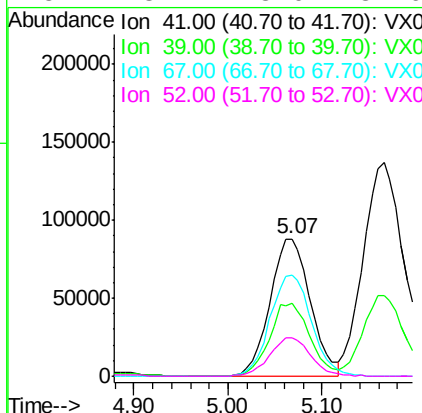
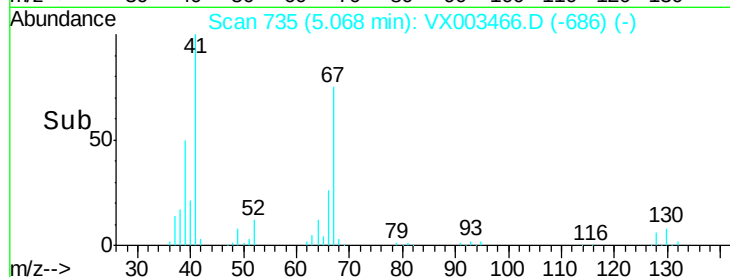
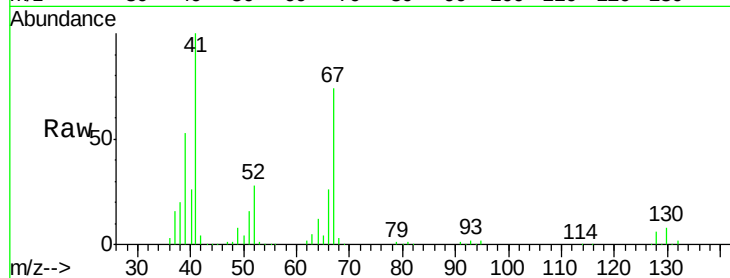
#41
Methacrylonitrile
Concen: 85.91 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		263533		
39	52.5	45.8	68.6		
67	75.6	51.3	76.9		
52	28.7	23.0	34.6		

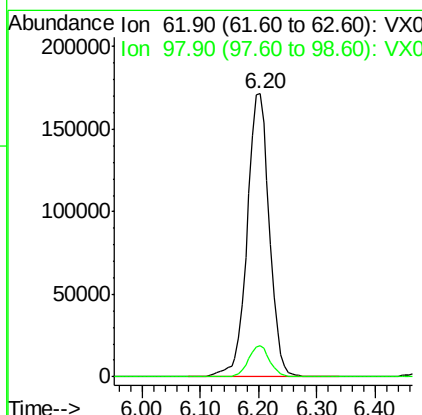
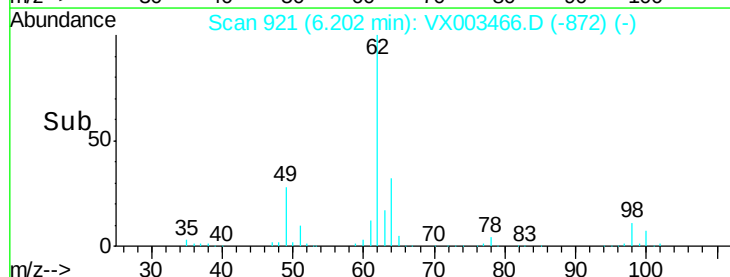
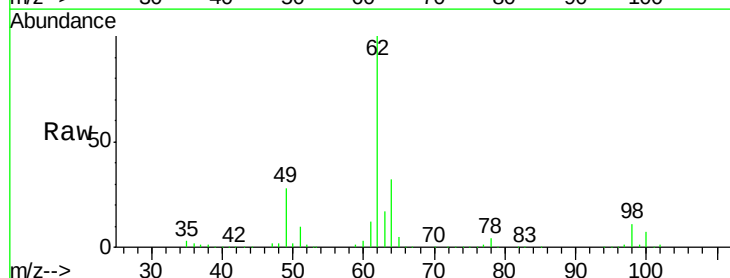
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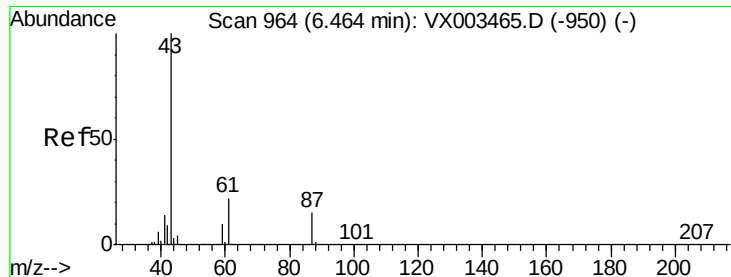
MMDadoda
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#42
1,2-Dichloroethane
Concen: 80.92 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		450927		
98	10.5	0.0	16.6		





#43

Isopropyl Acetate

Concen: 82.57 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

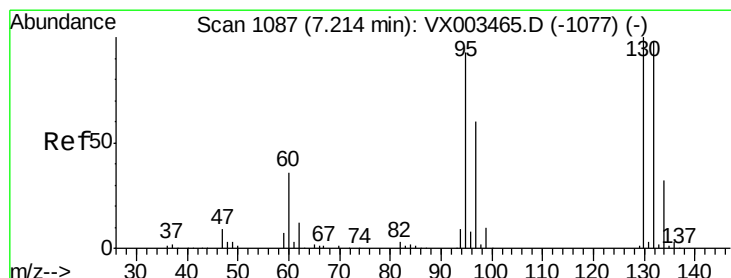
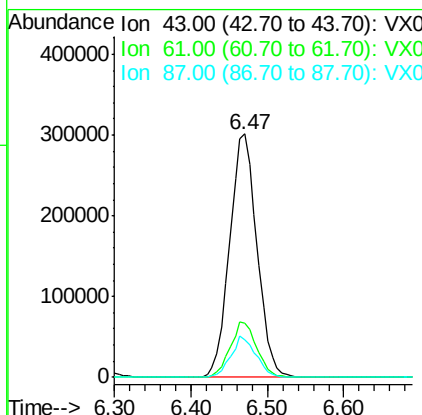
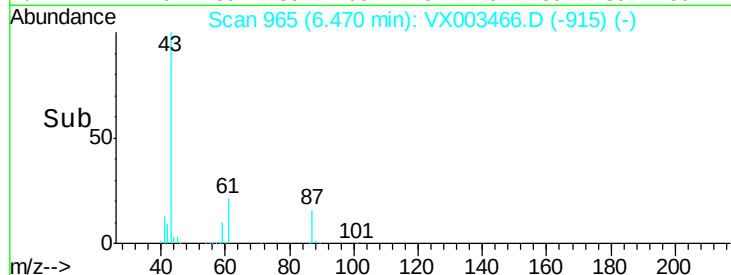
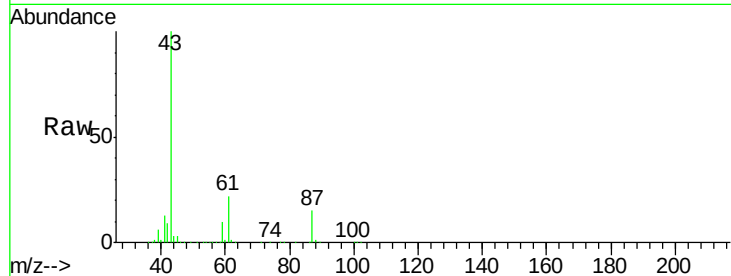
ClientSampleId :

VSTDIC100

Tot Ion:	43	Resp:	743274
Ion	Ratio	Lower	Upper
43	100		
61	22.2	14.4	21.6#
87	15.5	9.5	14.3#

Manual Integrations
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#44

Trichloroethene

Concen: 103.88 ug/l

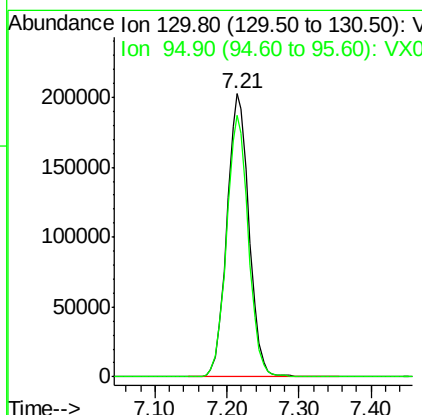
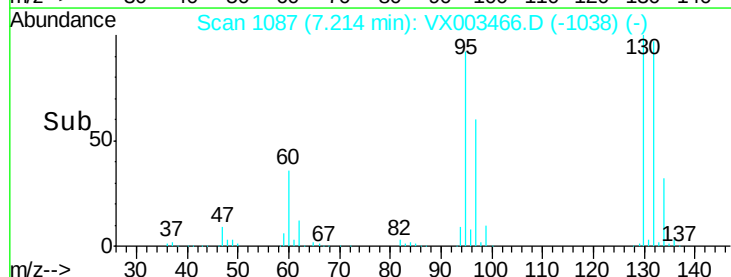
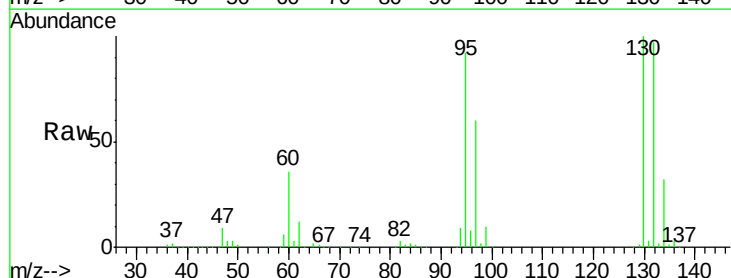
RT: 7.21 min Scan# 1087

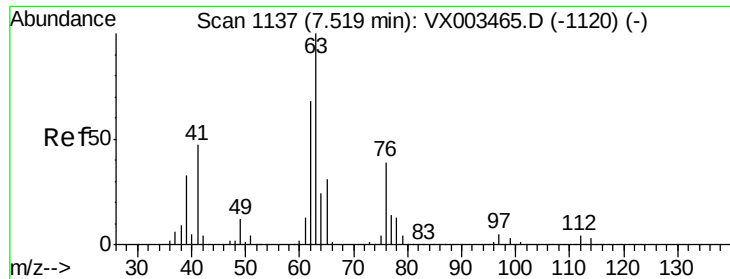
Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Tgt Ion:	130	Resp:	431547
Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	185.4





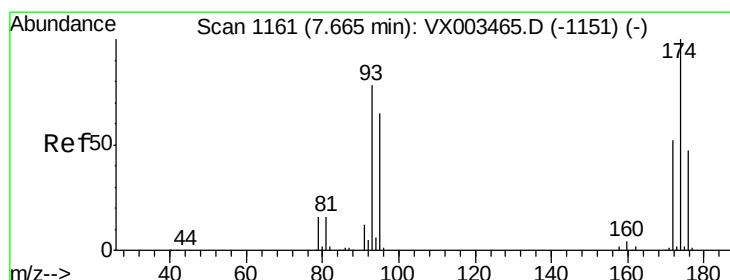
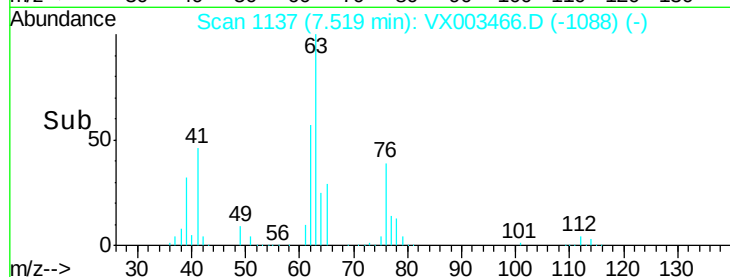
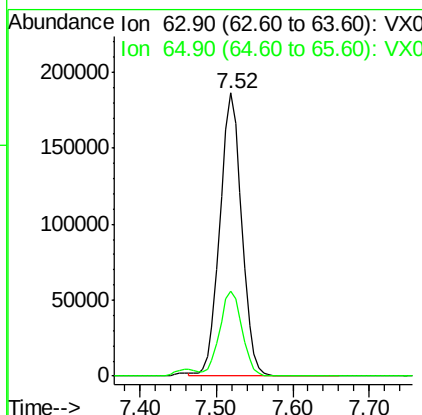
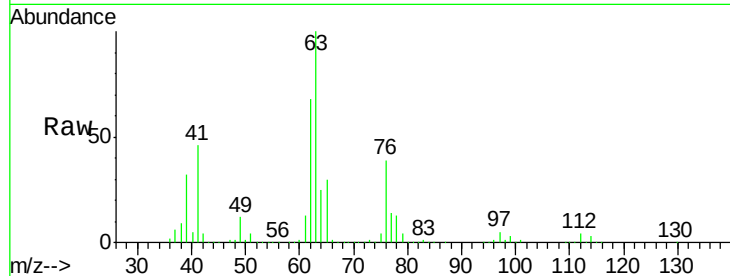
#45
 1,2-Dichloropropane
 Concen: 97.42 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 369051
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.7 37.1

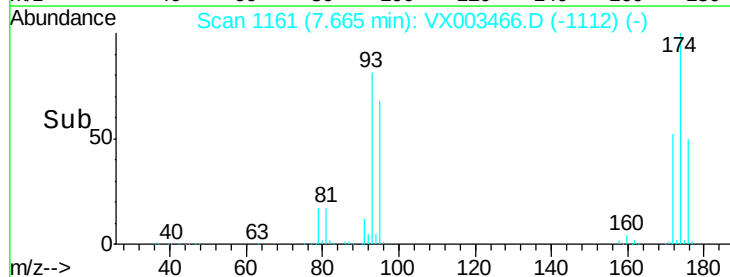
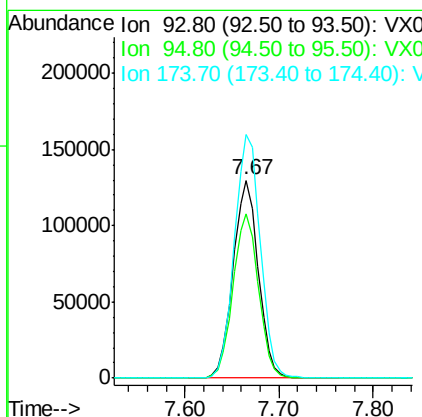
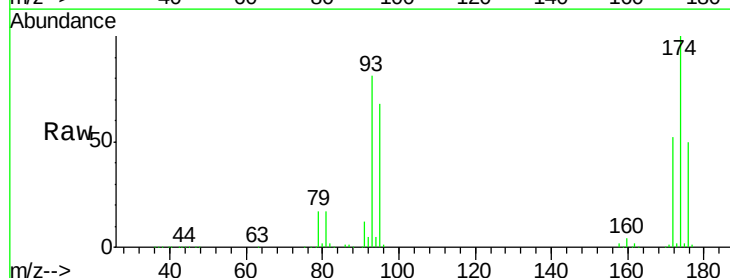
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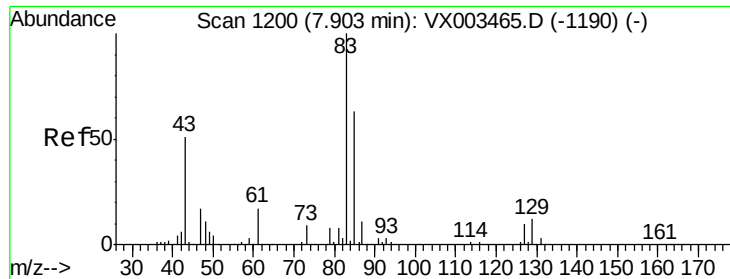
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#46
 Dibromomethane
 Concen: 95.27 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Tgt Ion: 93 Resp: 241399
 Ion Ratio Lower Upper
 93 100
 95 83.9 65.9 98.9
 174 126.2 92.4 138.6





#47

Bromodichloromethane

Concen: 103.79 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

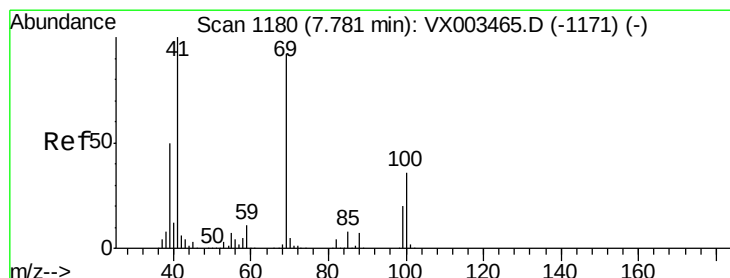
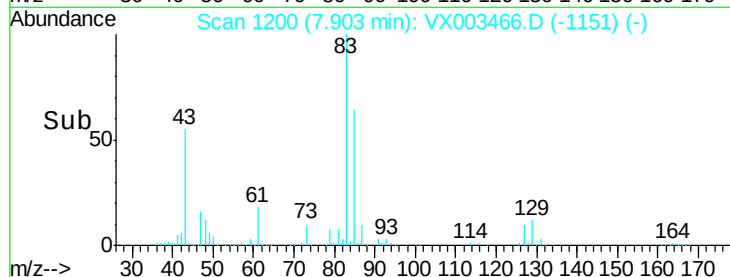
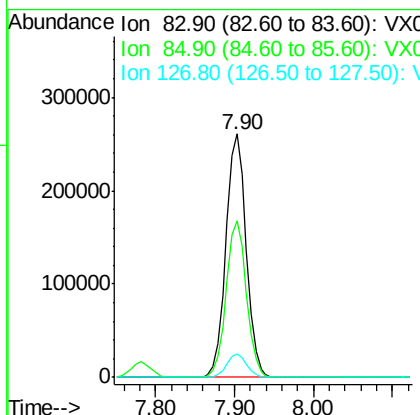
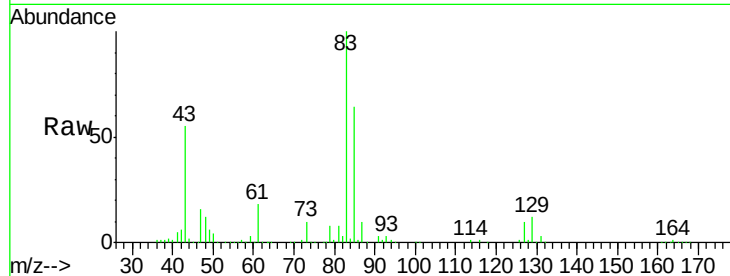
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	463882
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5
127	9.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 83.25 ug/l

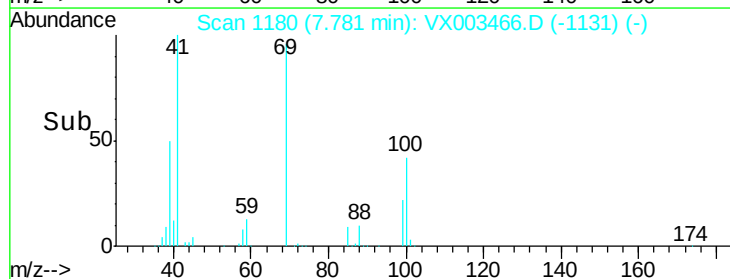
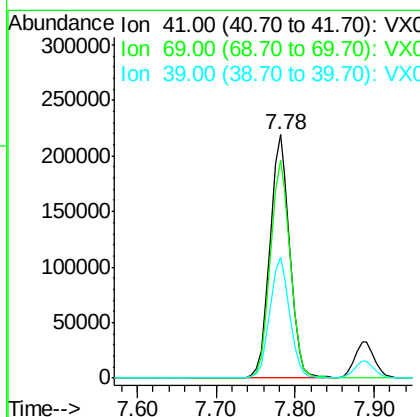
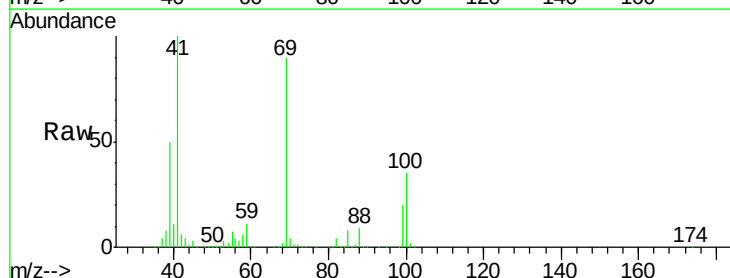
RT: 7.78 min Scan# 1180

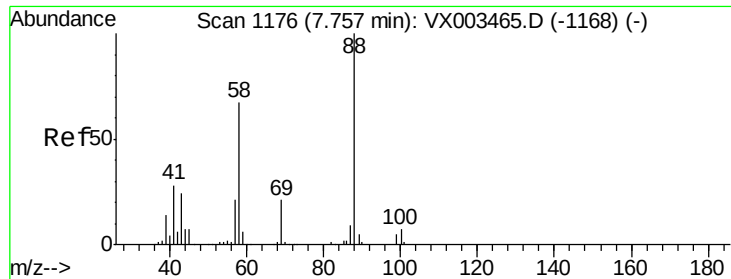
Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Tgt Ion:	41	Resp:	382934
Ion	Ratio	Lower	Upper
41	100		
69	90.2	59.1	88.7#
39	49.3	48.9	73.3





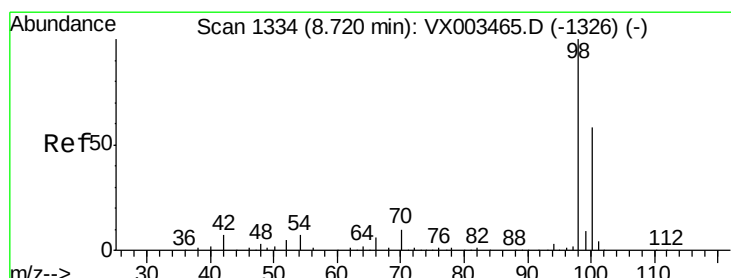
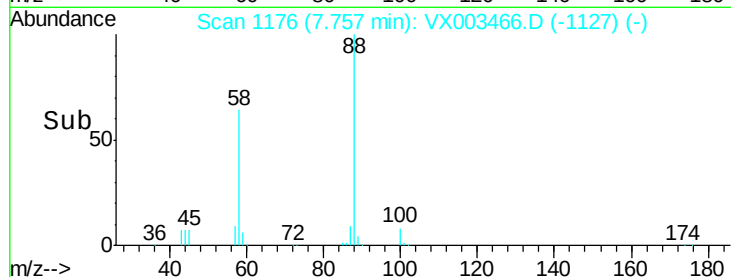
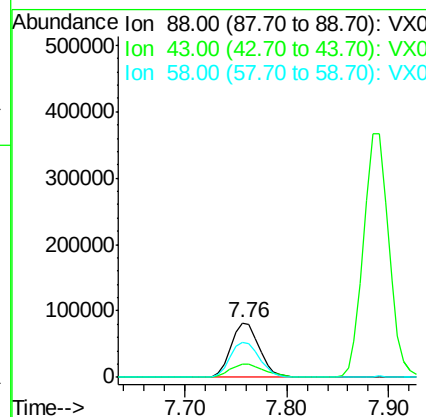
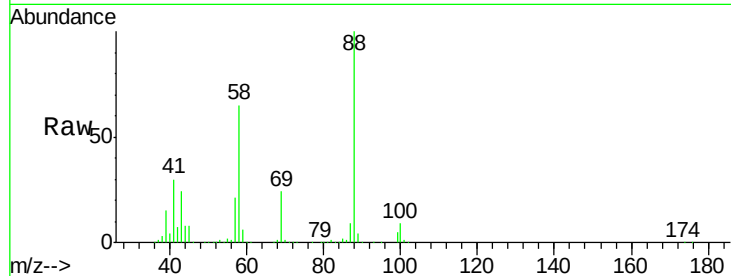
#49
1,4-Dioxane
Concen: 1808.36 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.4	29.8	44.6#
58	68.6	57.1	85.7

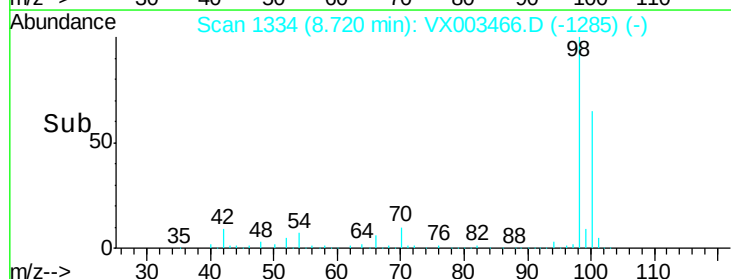
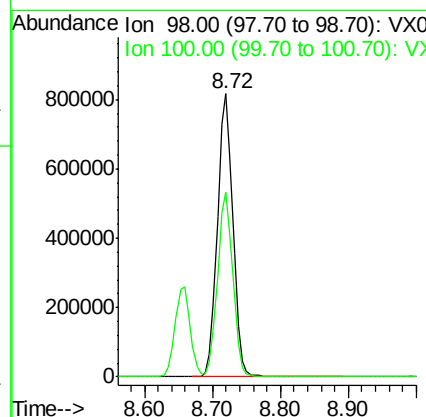
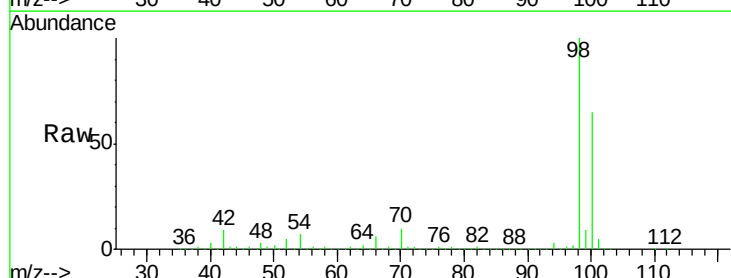
Manual Integrations
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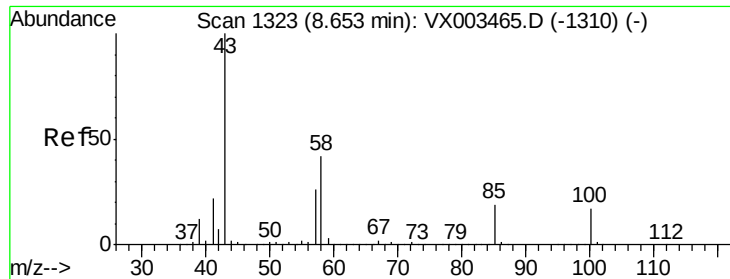
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#50
Toluene-d8
Concen: 93.85 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.9	76.3





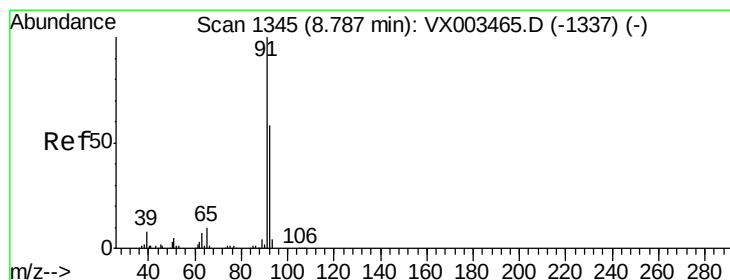
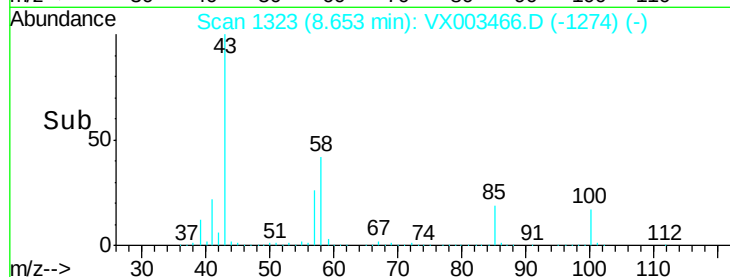
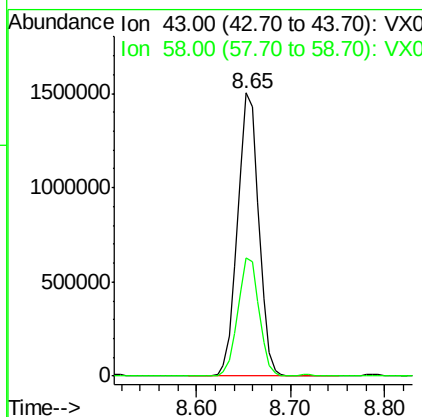
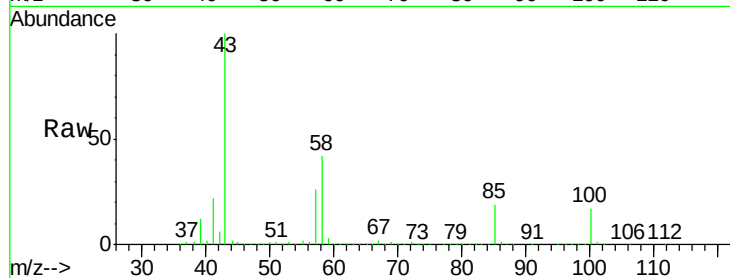
#51
4-Methyl-2-Pentanone
Concen: 406.77 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 2351002
Ion Ratio Lower Upper
43 100
58 41.8 28.6 42.8

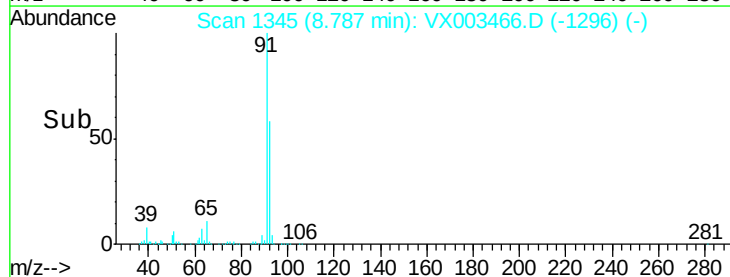
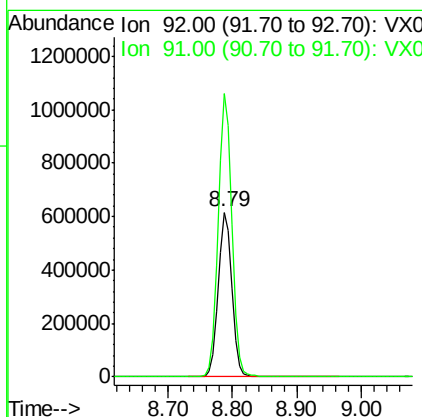
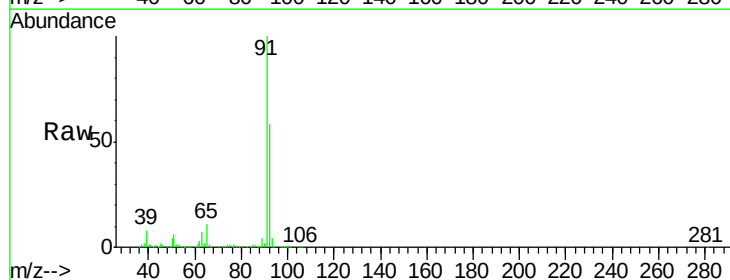
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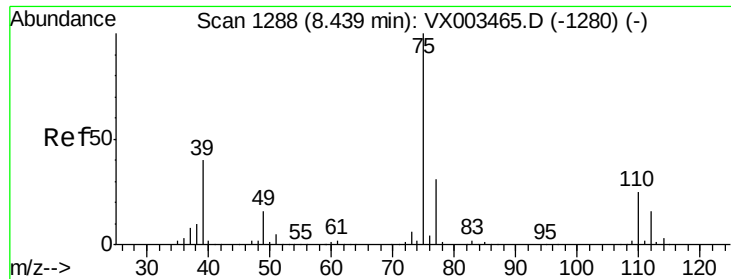
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#52
Toluene
Concen: 100.72 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion: 92 Resp: 924747
Ion Ratio Lower Upper
92 100
91 172.5 140.4 210.6





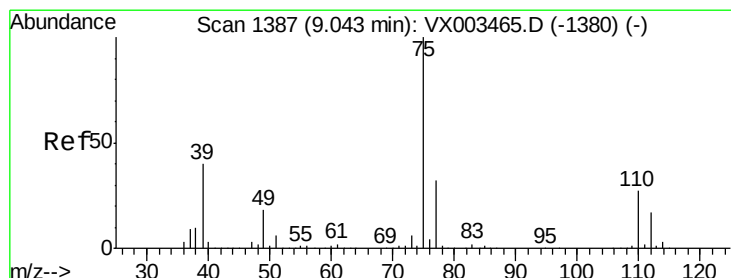
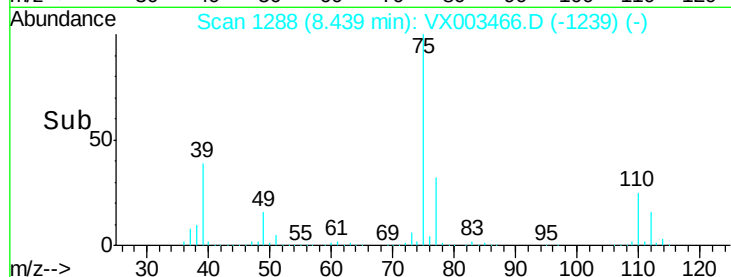
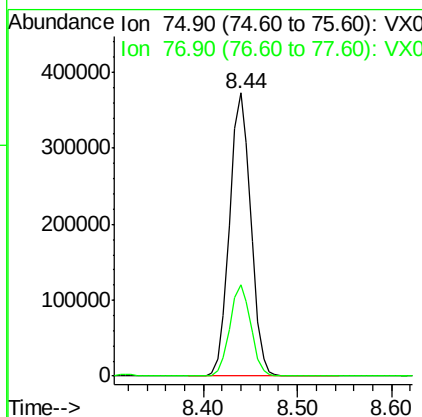
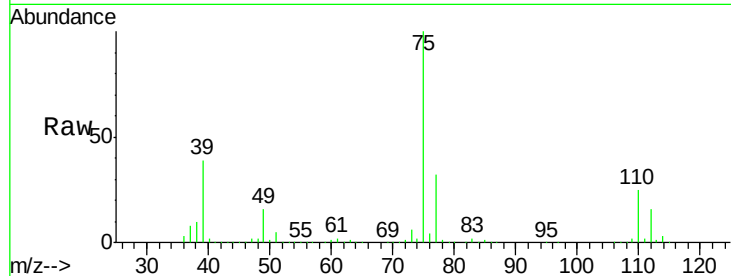
#53
t-1,3-Dichloropropene
Concen: 110.97 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 75 Resp: 583546
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.2

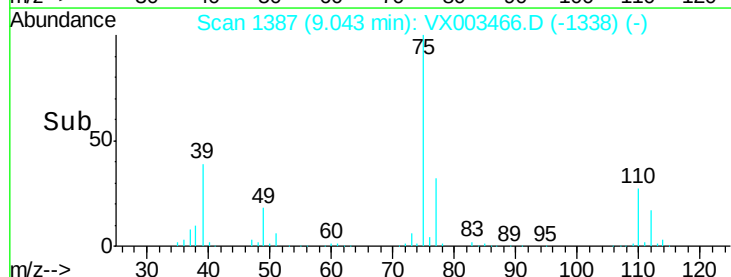
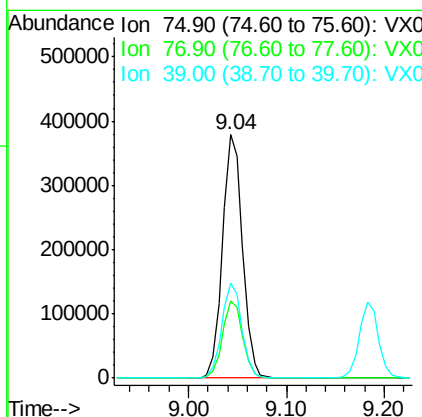
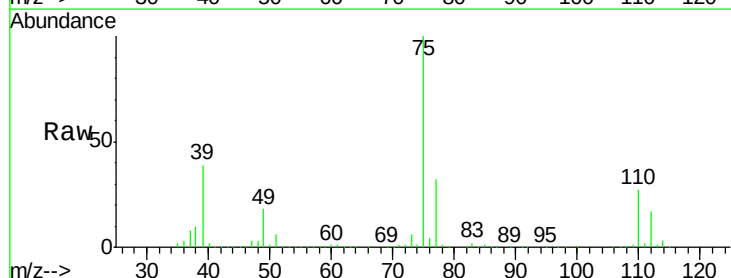
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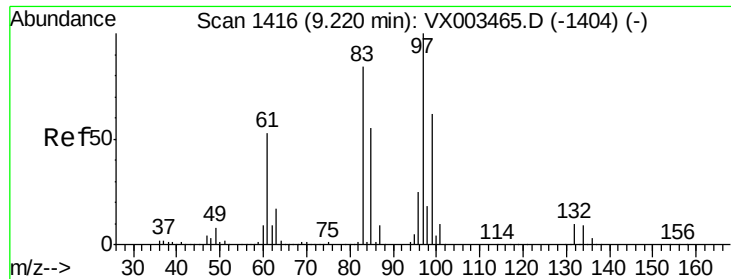
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#54
cis-1,3-Dichloropropene
Concen: 110.00 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion: 75 Resp: 535827
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 39.2 42.4 63.6#





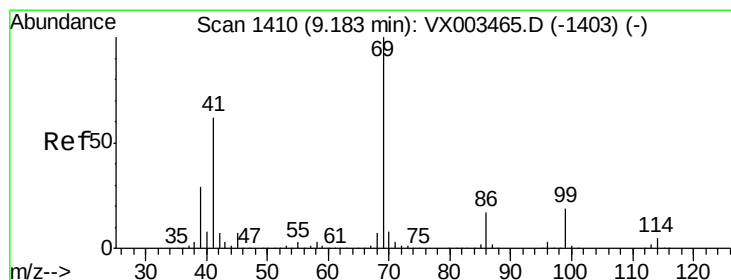
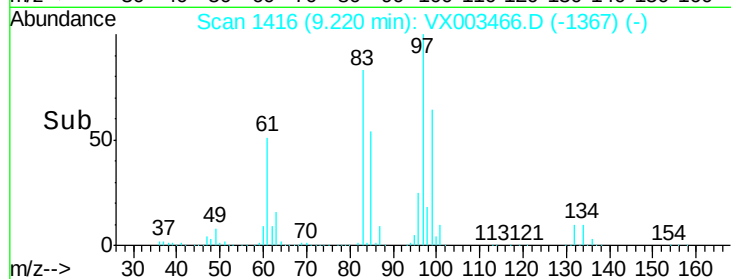
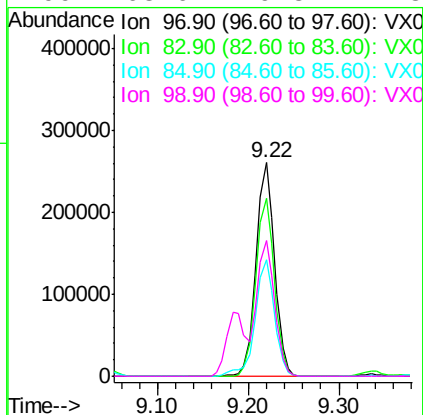
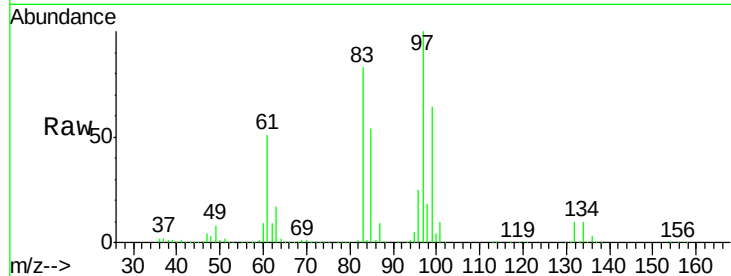
#55
 1,1,2-Trichloroethane
 Concen: 99.74 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	97	Resp:	370017
Ion Ratio	Lower	Upper	
97	100		
83	83.3	70.2	105.2
85	54.5	44.9	67.3
99	63.6	49.8	74.8

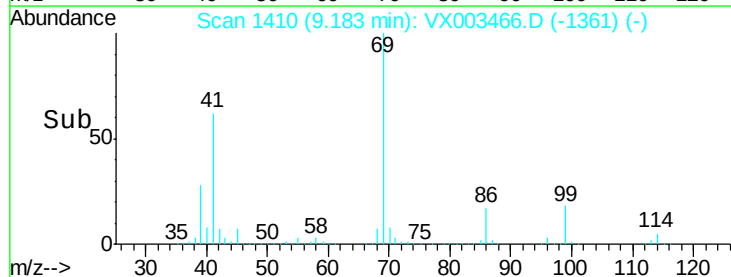
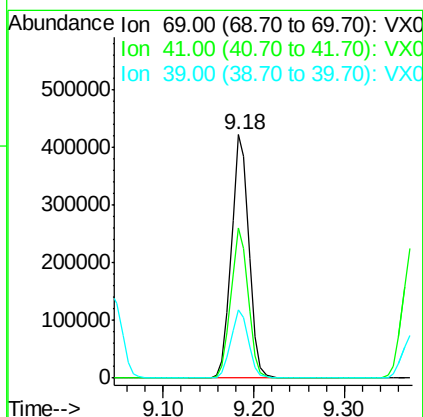
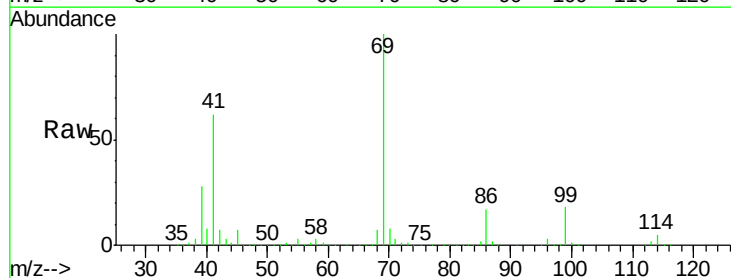
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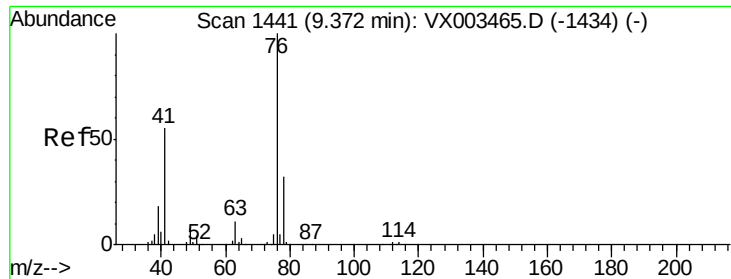
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#56
 Ethyl methacrylate
 Concen: 99.20 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Tgt Ion:	69	Resp:	566341
Ion Ratio	Lower	Upper	
69	100		
41	61.1	60.3	90.5
39	28.4	35.8	53.8#





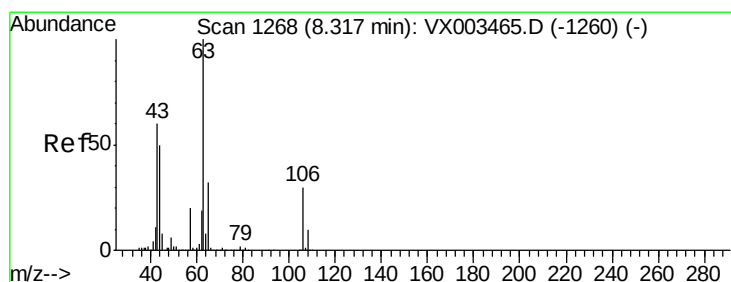
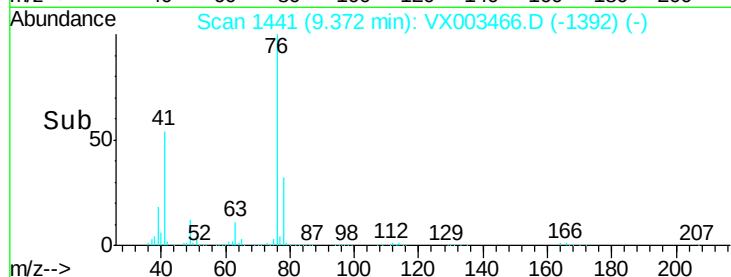
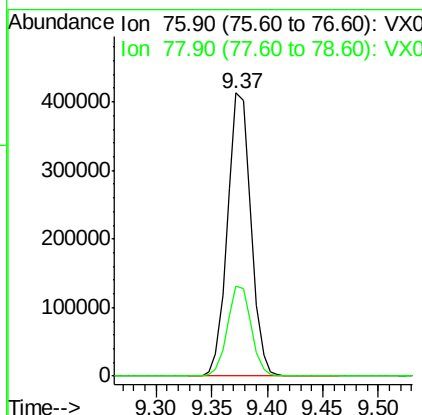
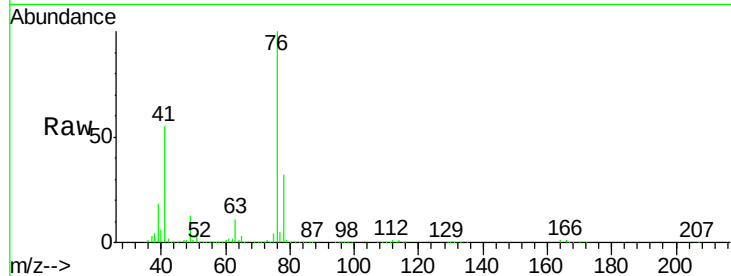
#57
 1,3-Dichloropropane
 Concen: 95.90 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 76 Resp: 601743
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6

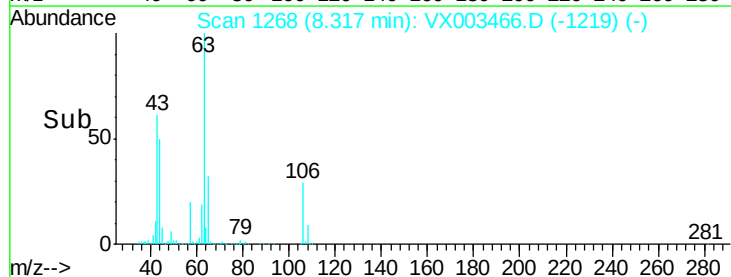
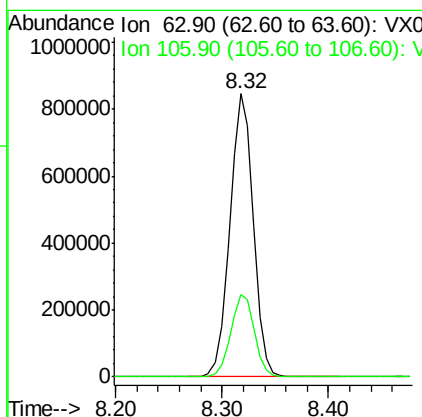
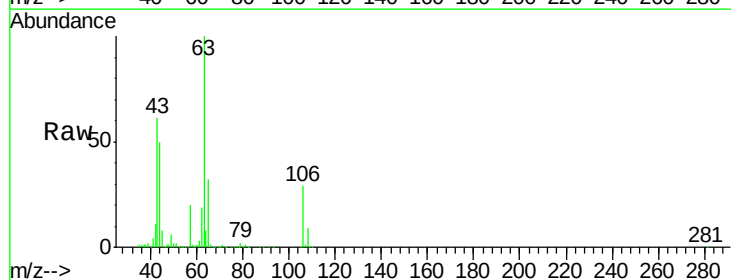
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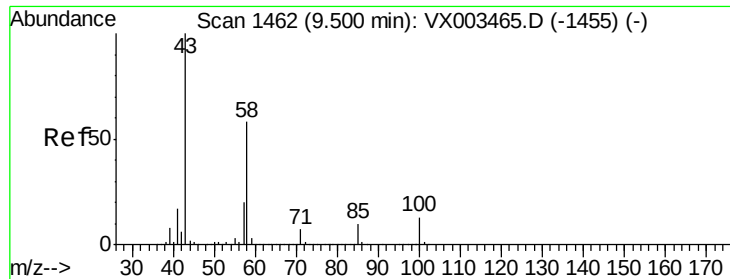
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#58
 2-Chloroethyl Vinyl ether
 Concen: 471.14 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Tgt Ion: 63 Resp: 1301002
 Ion Ratio Lower Upper
 63 100
 106 29.5 21.8 32.8





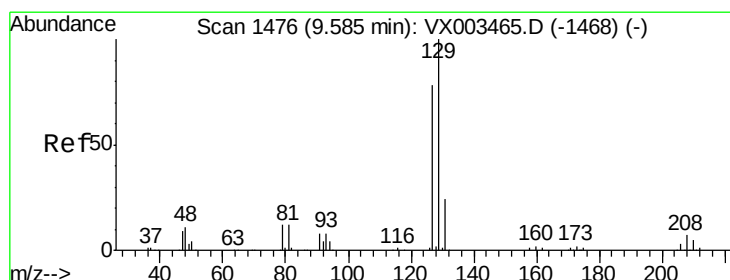
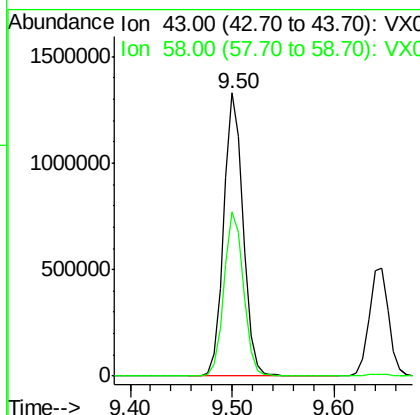
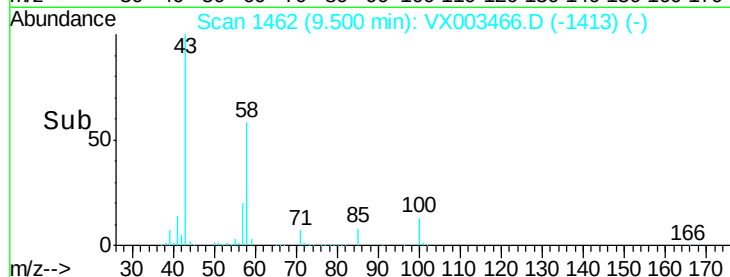
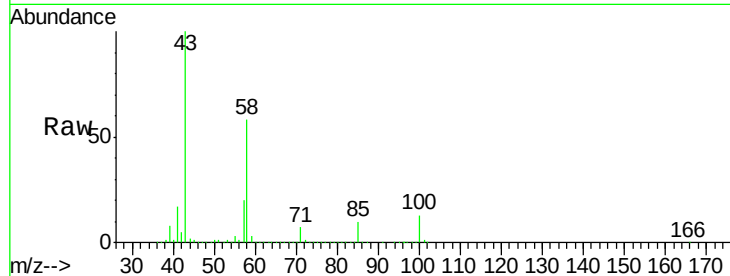
#59
2-Hexanone
Concen: 402.14 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1751389
Ion Ratio Lower Upper
43 100
58 58.4 24.6 73.6

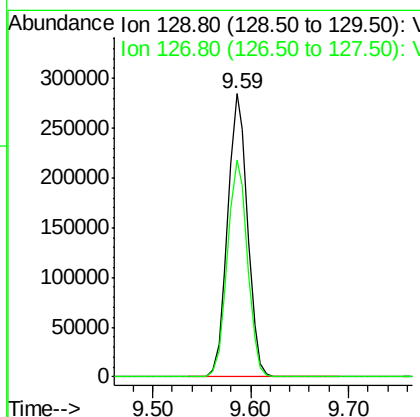
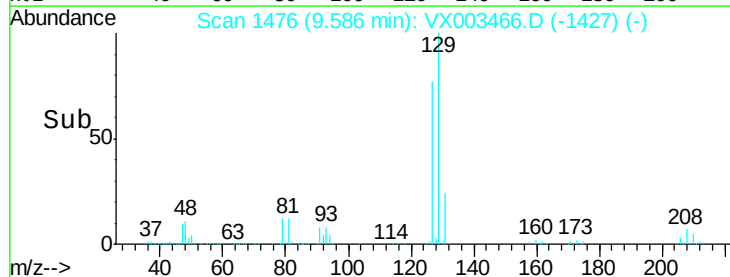
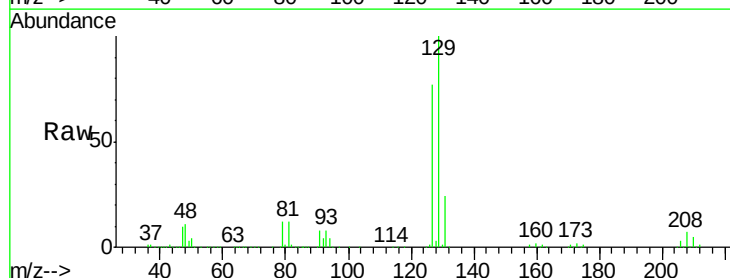
Manual Integrations
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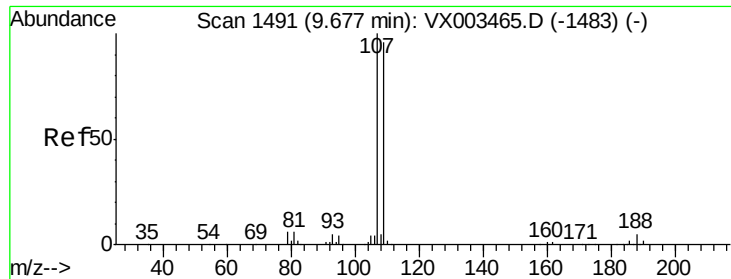
MMDadoda
7/20/2018 5:22:09 PM



#60
Dibromochloromethane
Concen: 112.07 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion: 129 Resp: 401326
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 101.47 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:107 Resp: 389883

Ion Ratio Lower Upper

107 100

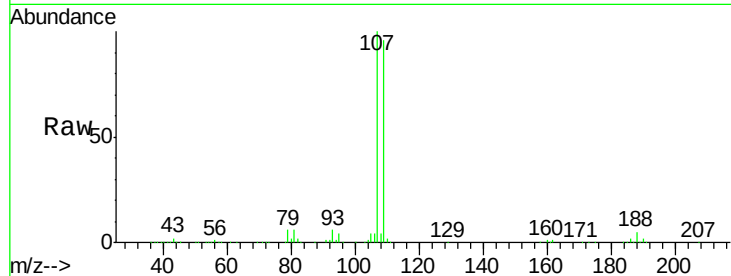
109 94.8 75.3 112.9

Manual Integrations

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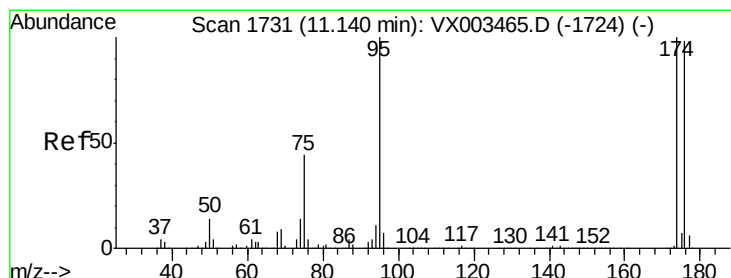
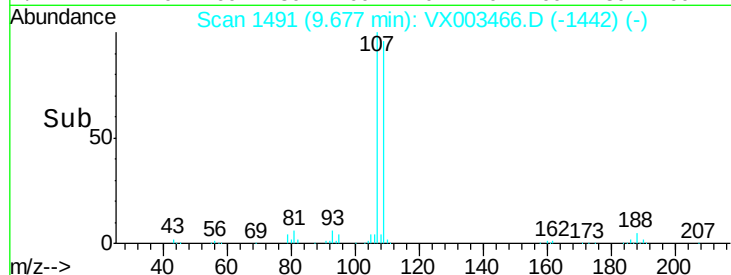
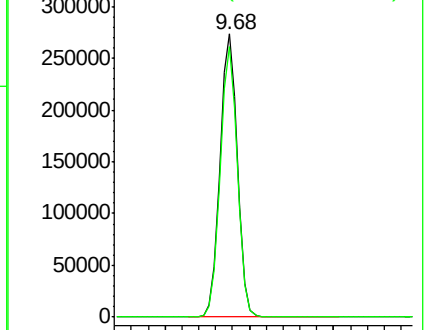
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 91.86 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

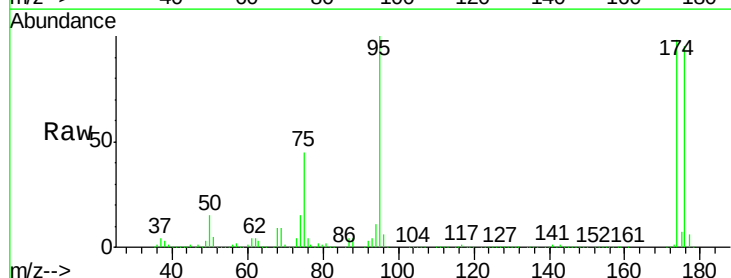
Tgt Ion: 95 Resp: 476740

Ion Ratio Lower Upper

95 100

174 98.7 0.0 187.4

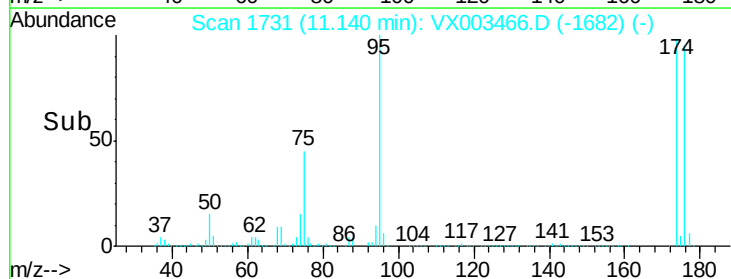
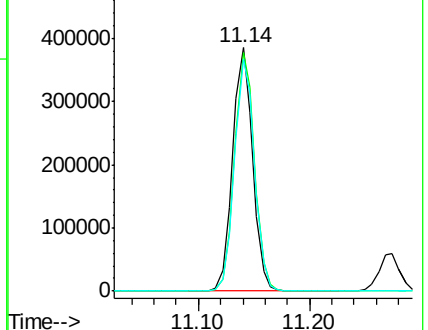
176 95.5 0.0 181.0

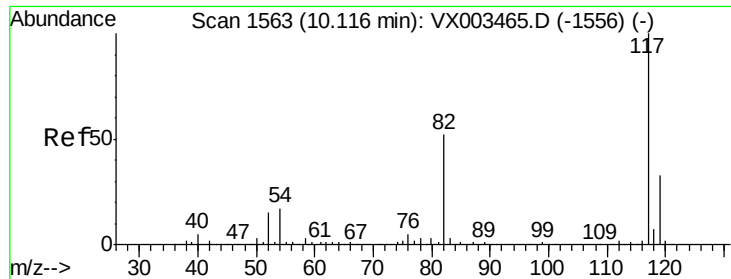


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





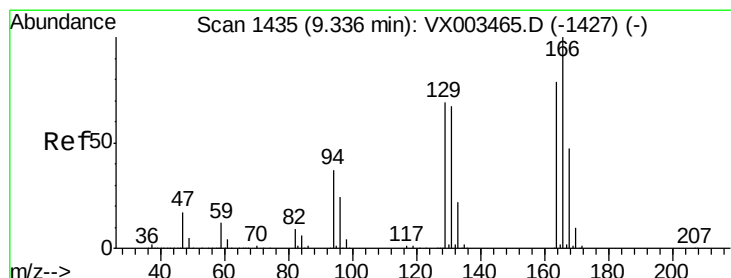
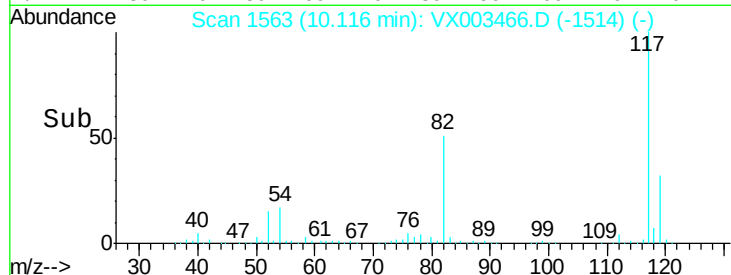
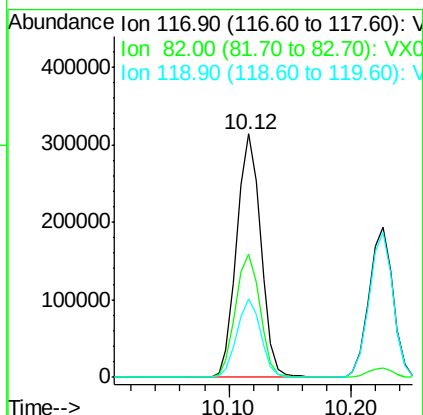
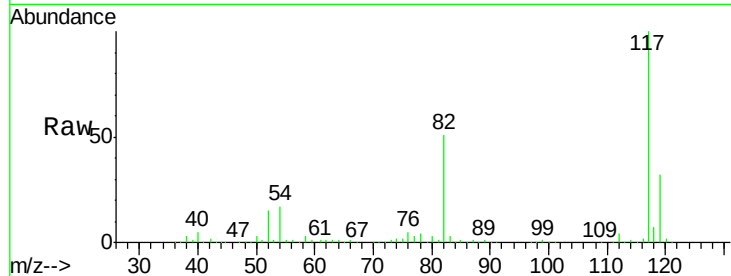
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.8	45.0	67.4
119	32.2	25.8	38.6

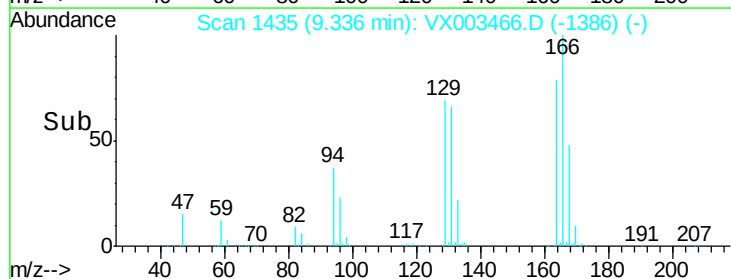
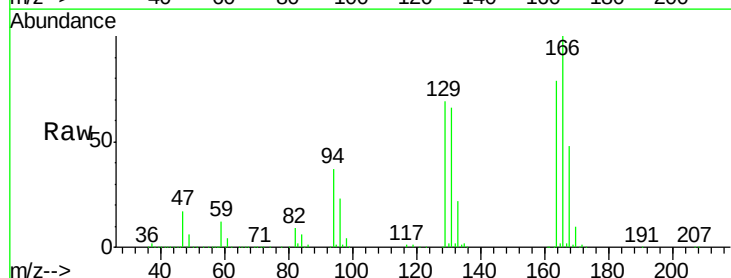
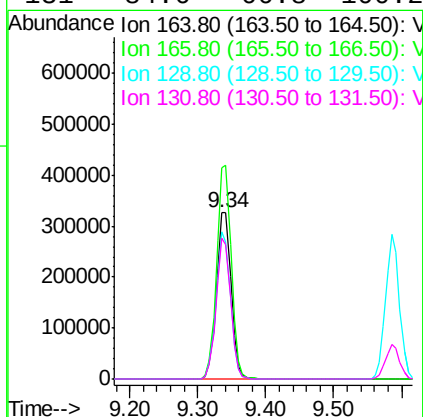
Manual Integrations
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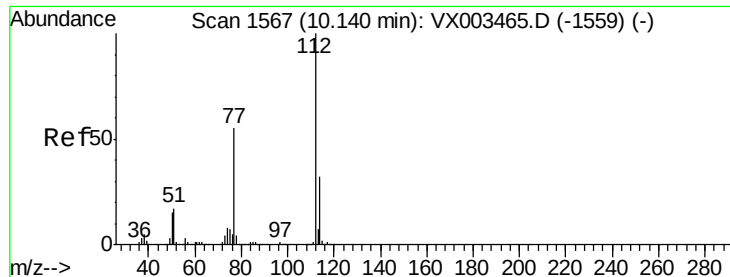
MMDadoda
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#64
Tetrachloroethene
Concen: 102.42 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	102.9	154.3
129	88.4	68.6	102.8
131	84.6	66.8	100.2





#65

Chlorobenzene

Concen: 101.66 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:112 Resp: 1065877

Ion Ratio Lower Upper

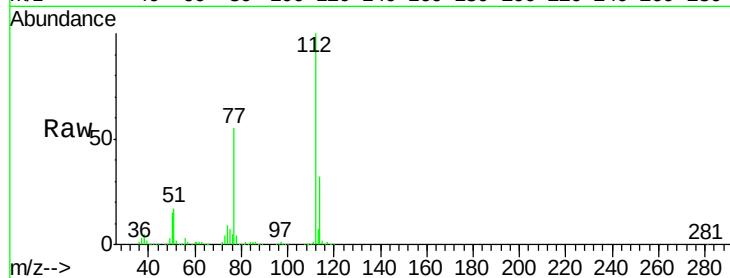
112 100

114 32.2 25.3 37.9

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

Ion 113.90 (113.60 to 114.60): V

800000

600000

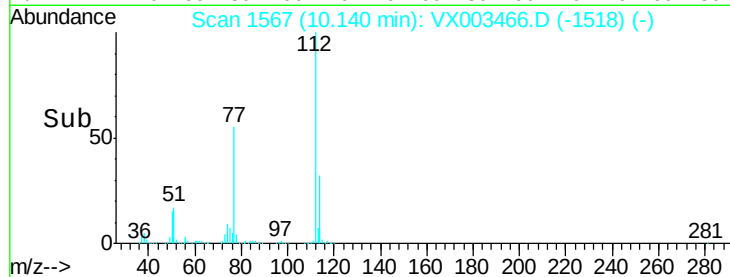
400000

200000

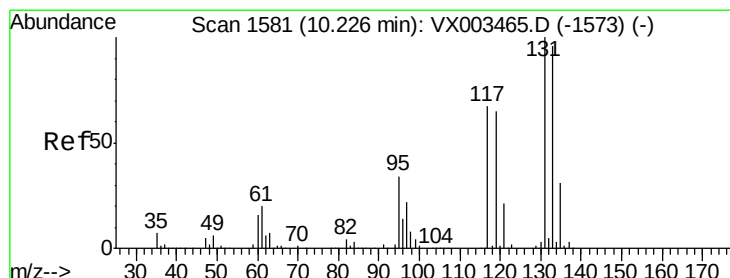
0

10.00

10.20



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 108.46 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

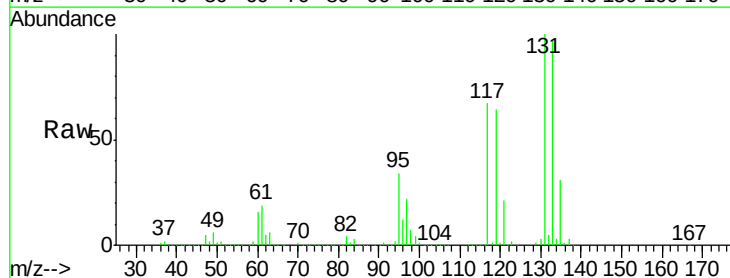
Tgt Ion:131 Resp: 387688

Ion Ratio Lower Upper

131 100

133 96.6 47.9 143.6

119 64.9 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

400000

300000

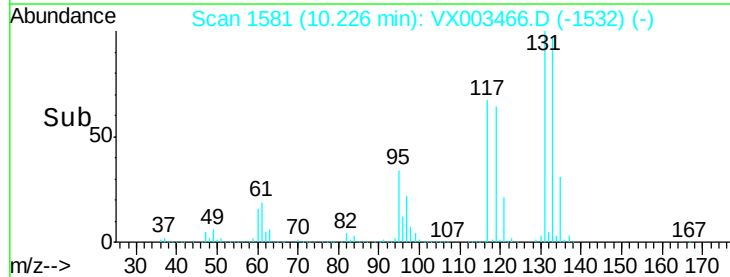
200000

100000

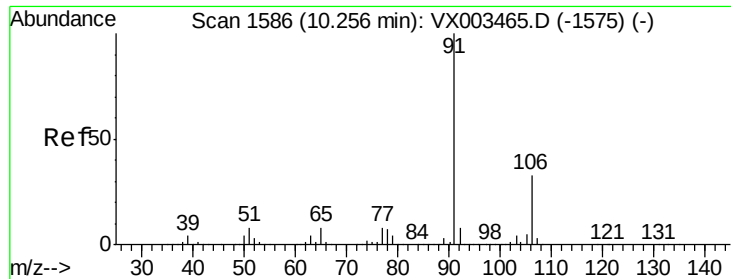
0

10.20

10.30



Time-->



#67

Ethyl Benzene

Concen: 100.88 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1784071

Ion Ratio Lower Upper

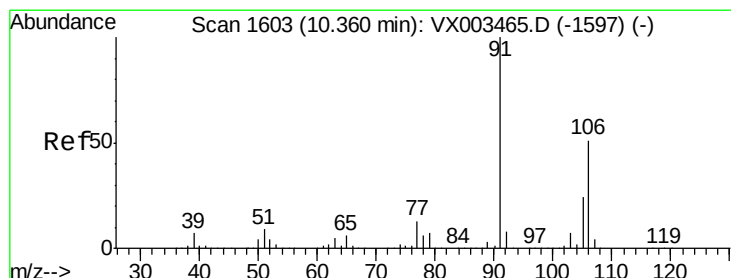
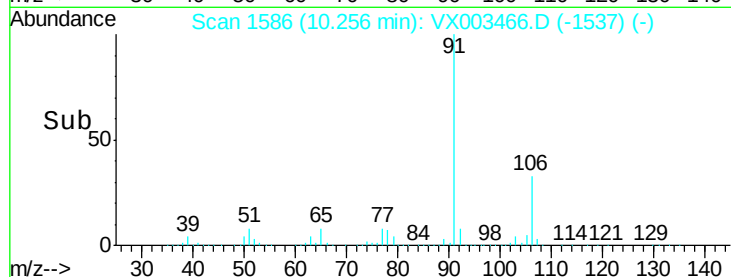
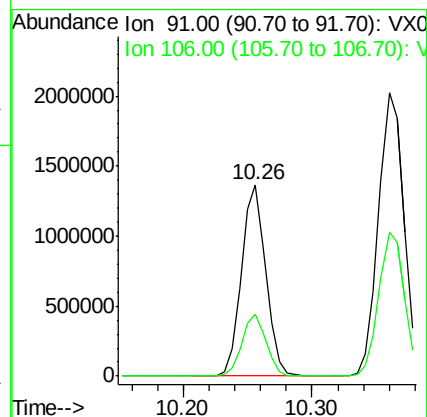
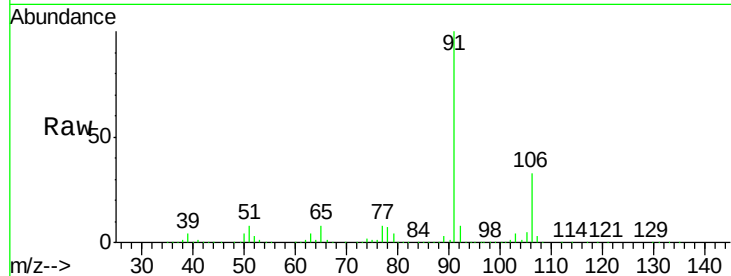
91 100

106 32.5 25.5 38.3

Manual Integrations
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#68

m/p-Xylenes

Concen: 206.27 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003466.D

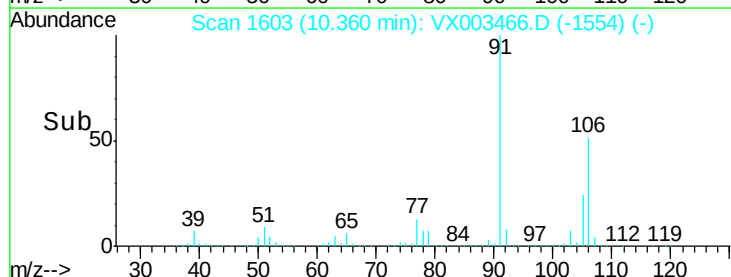
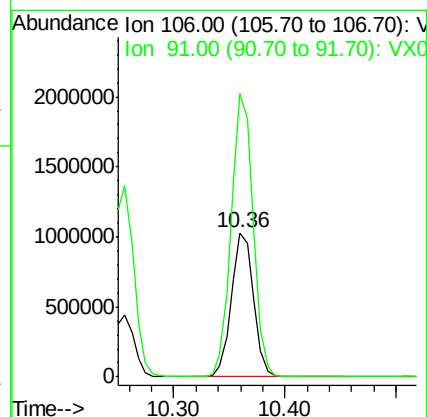
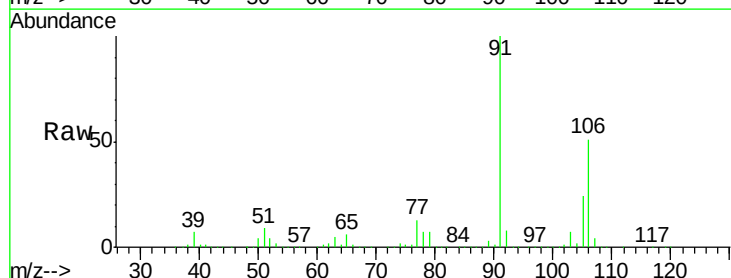
Acq: 19 Jul 2018 14:48

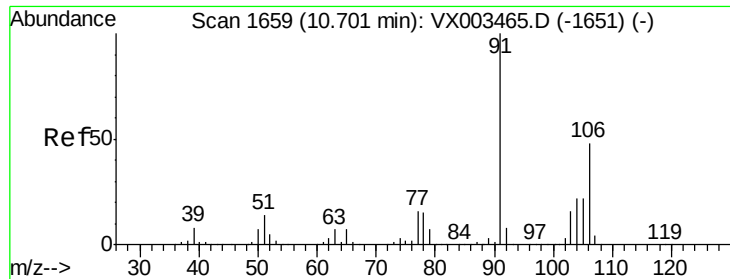
Tgt Ion: 106 Resp: 1407101

Ion Ratio Lower Upper

106 100

91 196.0 163.4 245.2





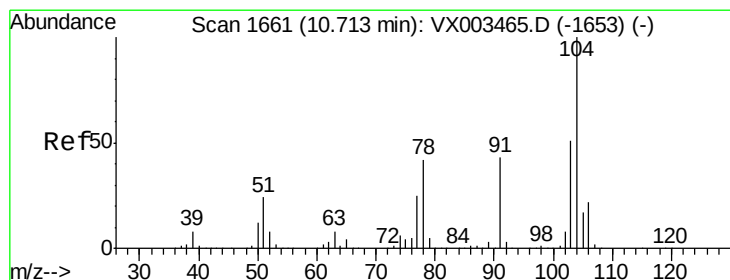
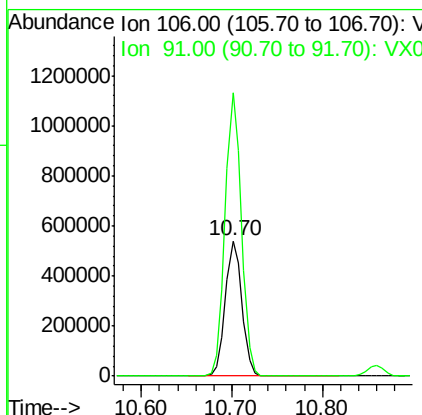
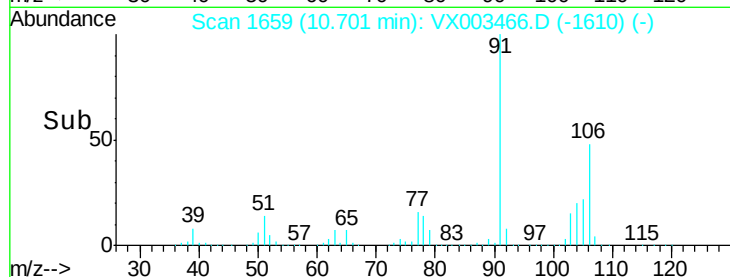
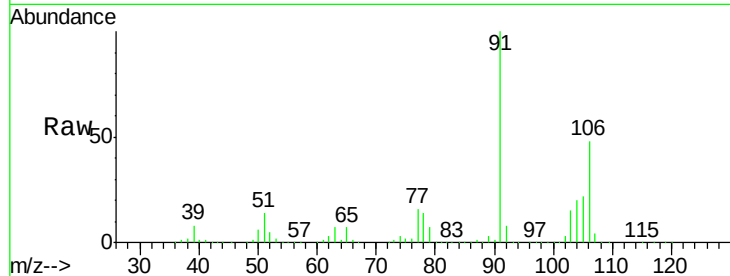
#69
o-Xylene
Concen: 102.28 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion:106 Resp: 685533
Ion Ratio Lower Upper
106 100
91 206.7 108.2 324.6

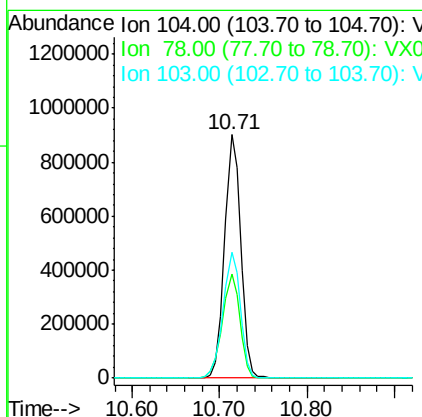
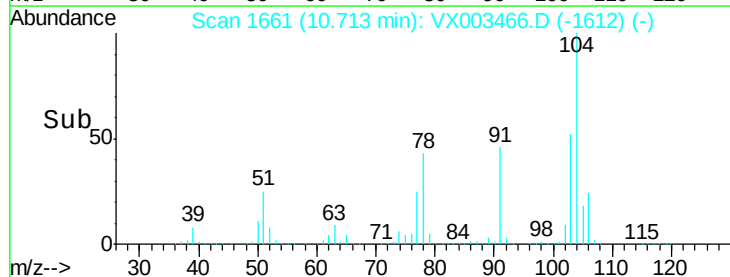
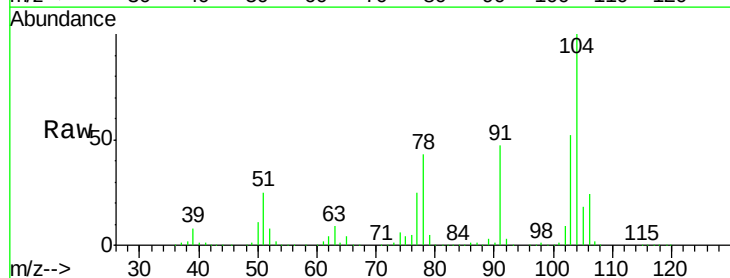
Manual Integrations
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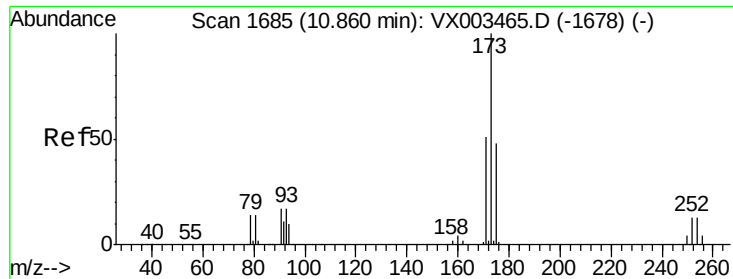
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#70
Styrene
Concen: 104.26 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion:104 Resp: 1149216
Ion Ratio Lower Upper
104 100
78 46.5 41.0 61.6
103 55.5 44.2 66.4





#71

Bromoform

Concen: 122.30 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:173 Resp: 328543

Ion Ratio Lower Upper

173 100

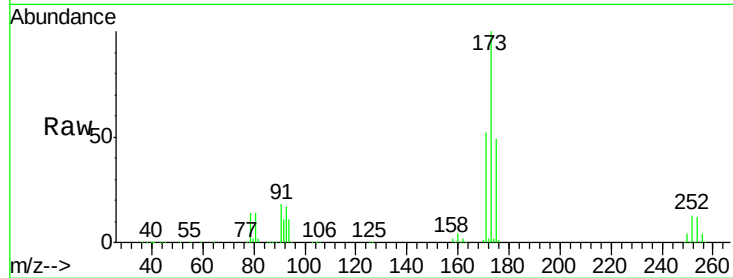
175 49.0 24.7 74.1

254 0.2 0.2 0.2

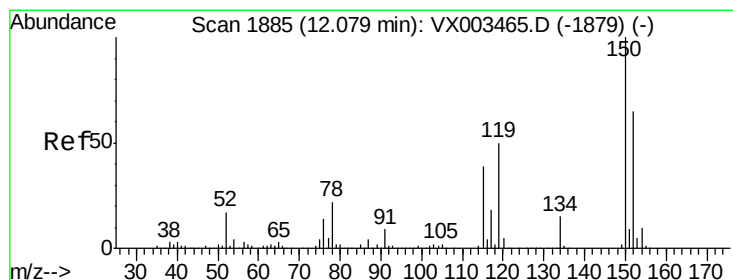
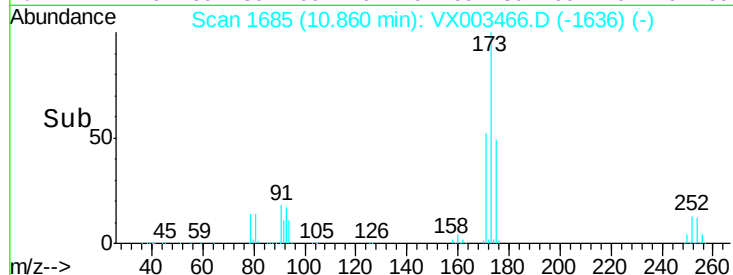
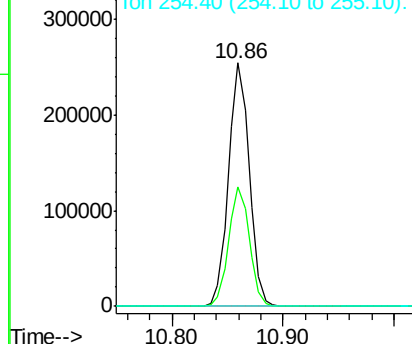
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

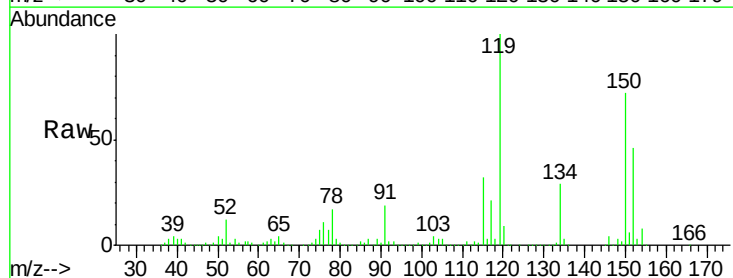
Tgt Ion:152 Resp: 265162

Ion Ratio Lower Upper

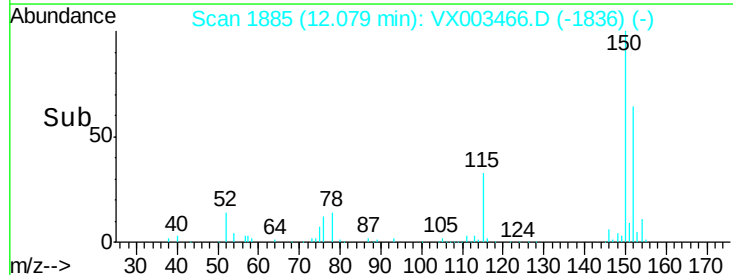
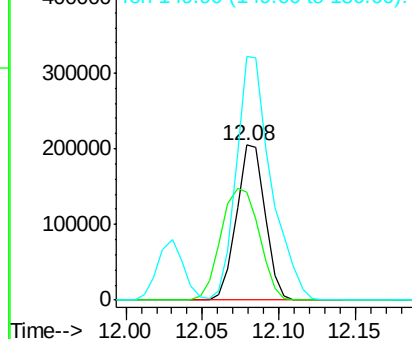
152 100

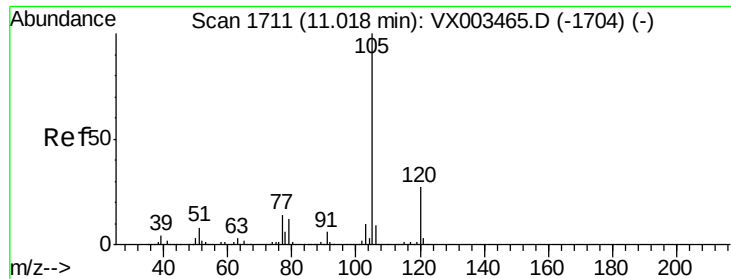
115 96.7 40.1 120.2

150 190.8 0.0 347.2



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





#73

Isopropylbenzene

Concen: 102.05 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1809742

Ion Ratio Lower Upper

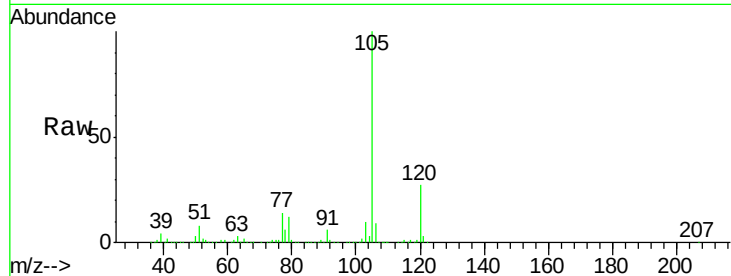
105 100

120 27.3 13.5 40.4

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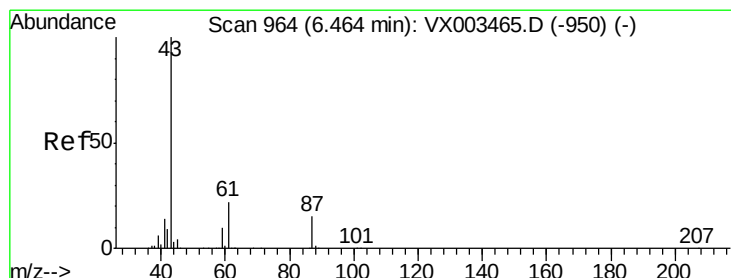
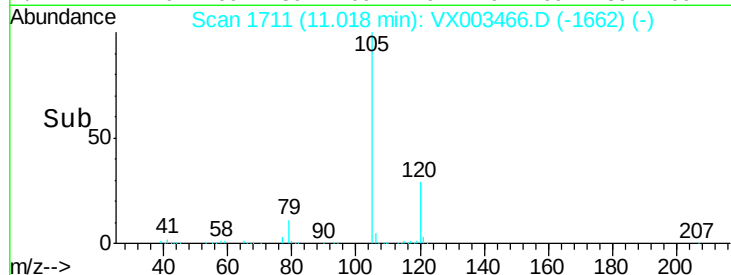
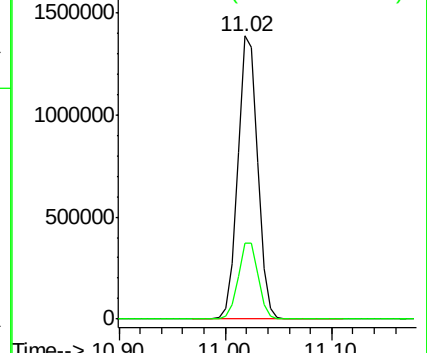
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 84.36 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Tgt Ion: 43 Resp: 743274

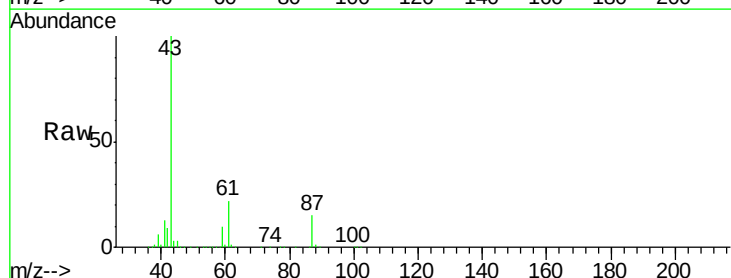
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 22.2 14.4 21.6#

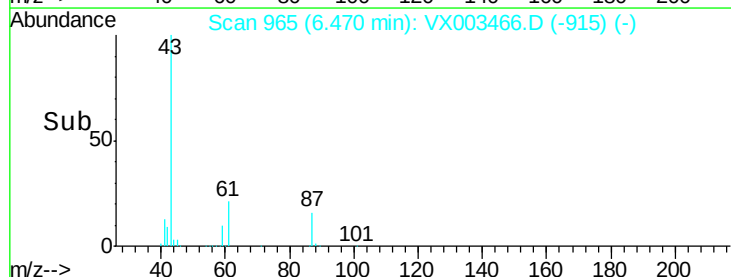
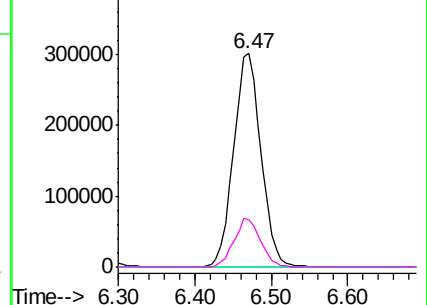


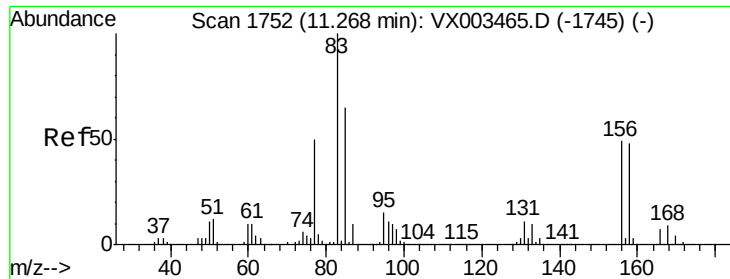
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 98.86 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.01 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

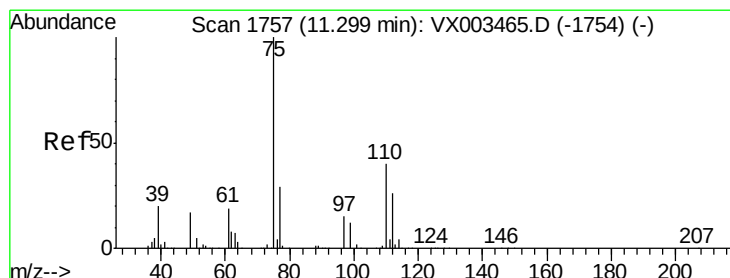
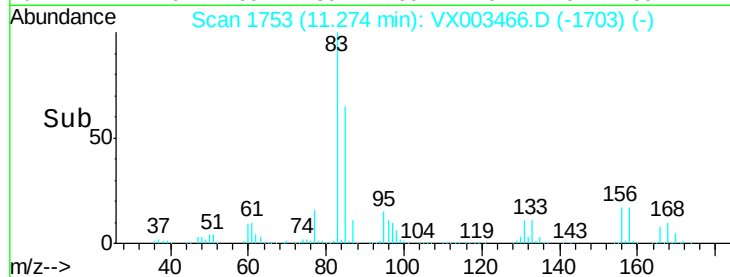
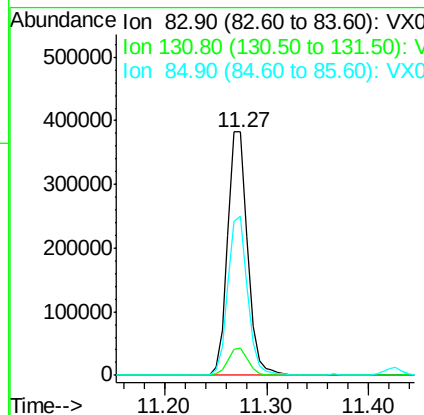
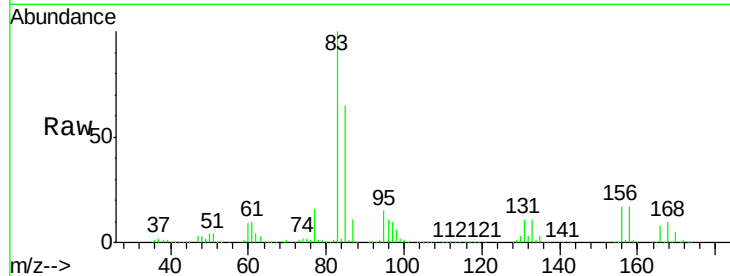
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	517756
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.6	16.8
85	64.4	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 90.97 ug/l m

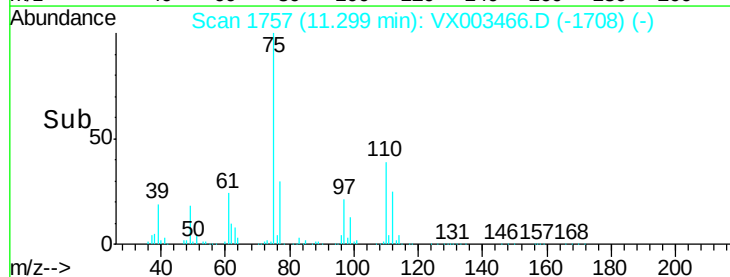
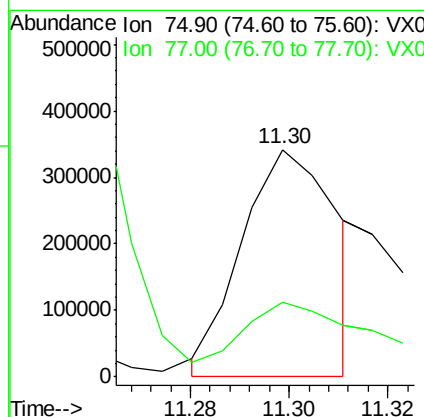
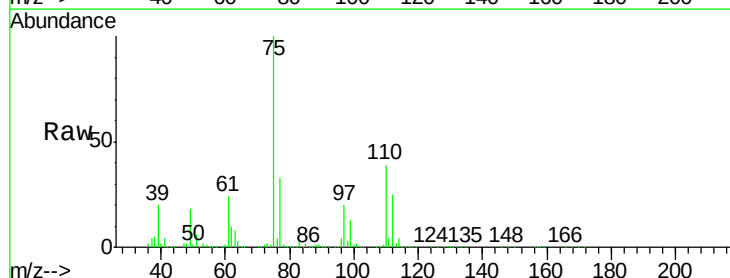
RT: 11.30 min Scan# 1757

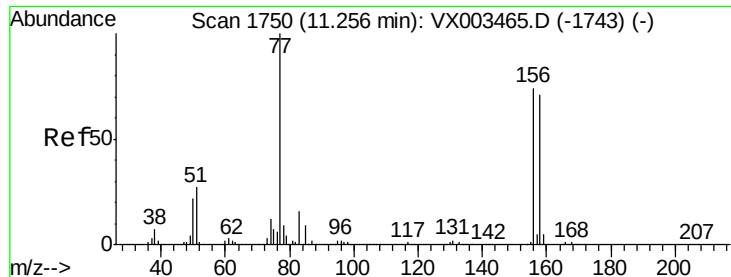
Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Tgt Ion:	75	Resp:	455161
Ion Ratio	Lower	Upper	
75	100		
77	45.1	22.8	68.3





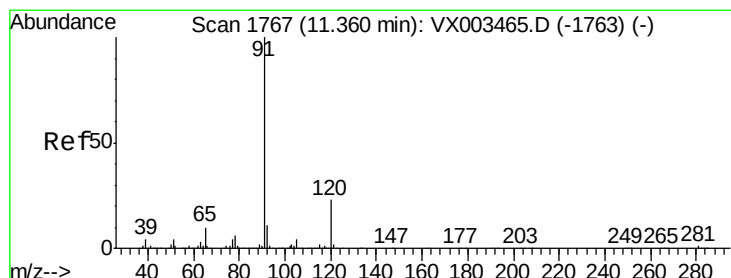
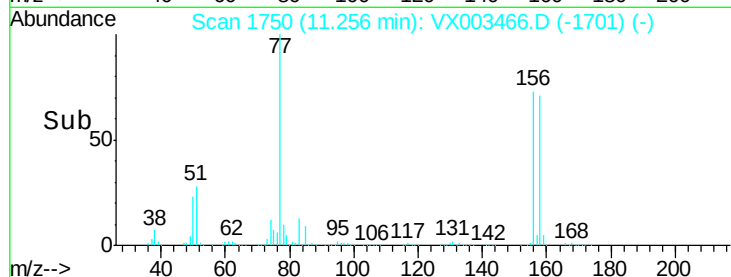
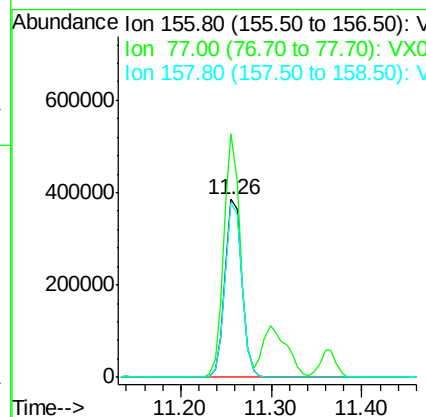
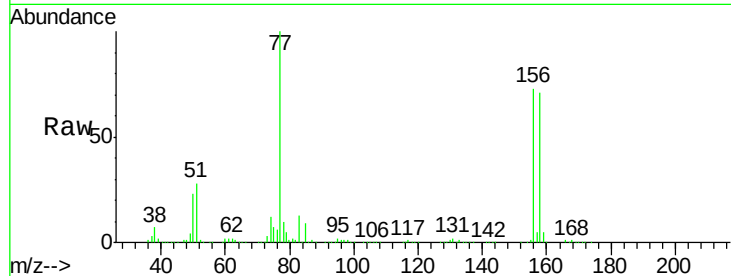
#77
Bromobenzene
Concen: 102.56 ug/l
RT: 11.26 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
156	100		
77	131.9	71.4	214.2
158	97.7	48.9	146.6

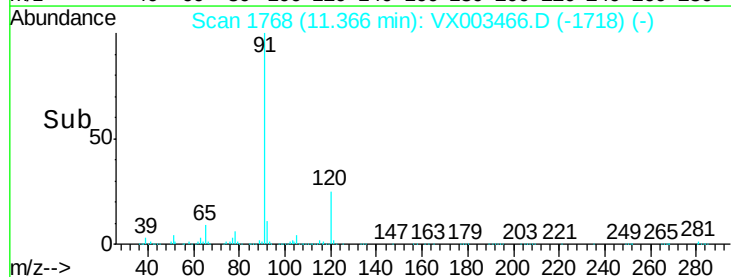
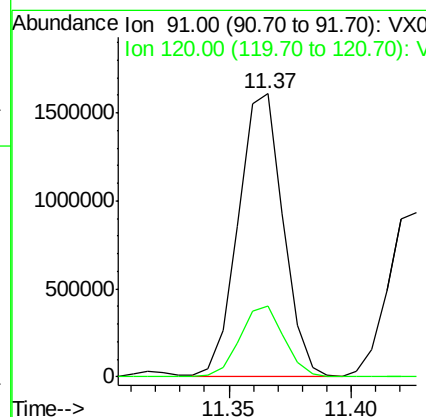
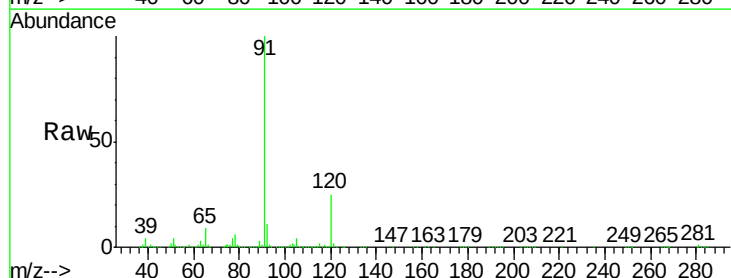
Manual Integrations
APPROVED

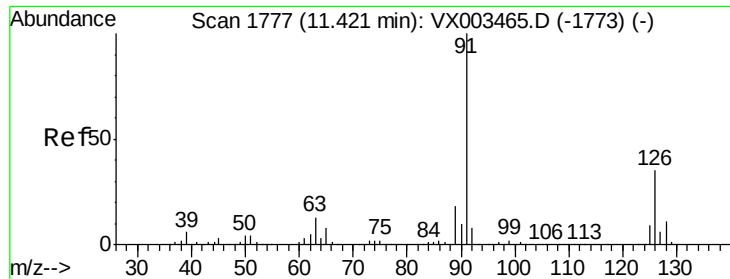
MMDadoda
7/20/2018 5:22:09 PM



#78
n-propylbenzene
Concen: 99.95 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.01 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	11.8	35.4





#79

2-Chlorotoluene

Concen: 98.36 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.01 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1194442

Ion Ratio Lower Upper

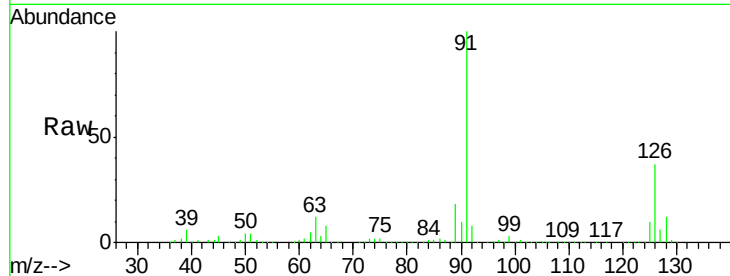
91 100

126 36.7 17.7 53.1

Manual Integrations
APPROVED

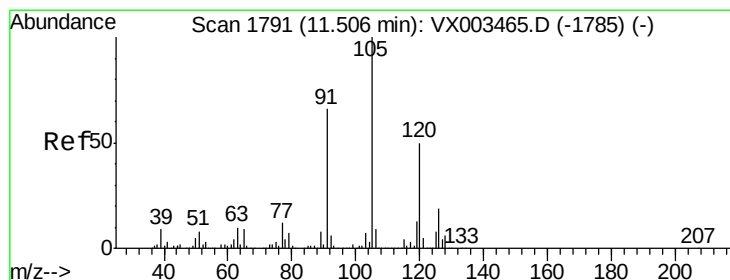
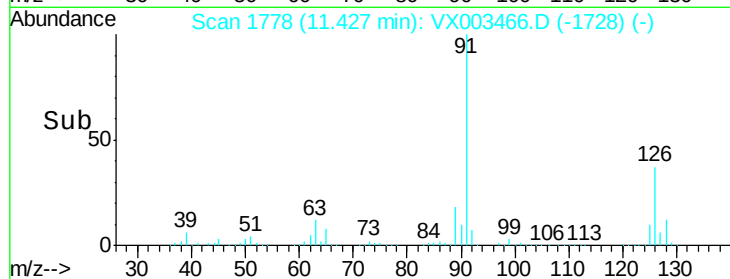
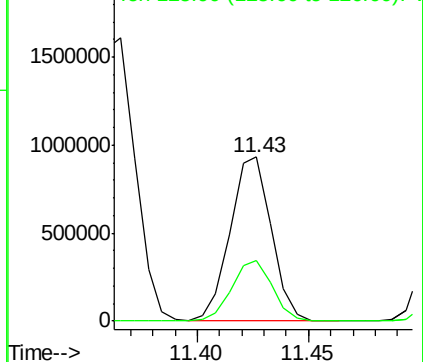
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 100.79 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003466.D

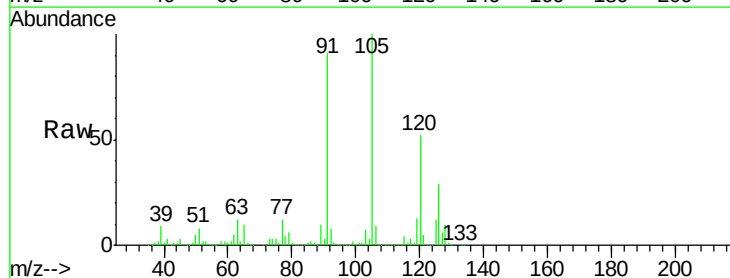
Acq: 19 Jul 2018 14:48

Tgt Ion:105 Resp: 1510588

Ion Ratio Lower Upper

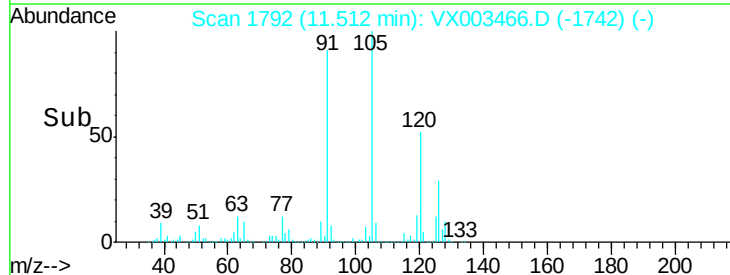
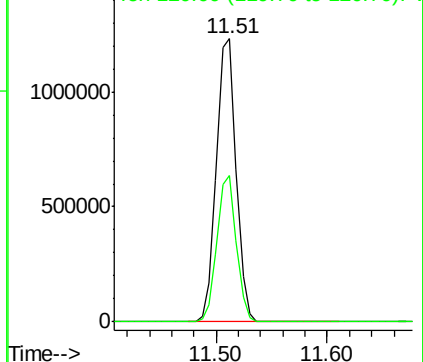
105 100

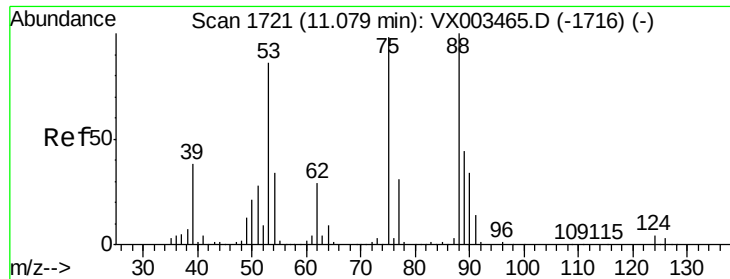
120 50.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 128.24 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 169610

Ion Ratio Lower Upper

75 100

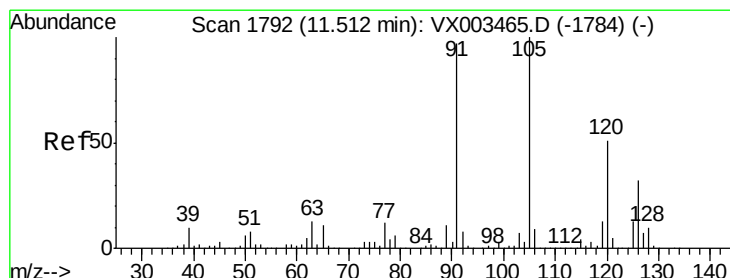
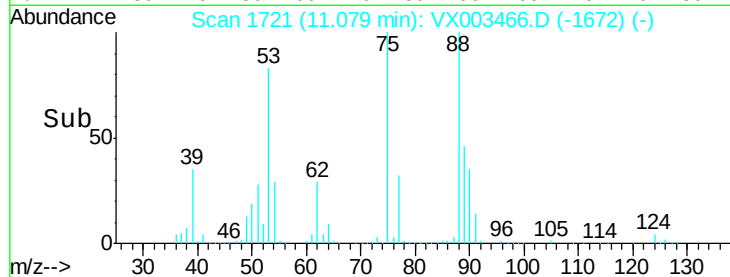
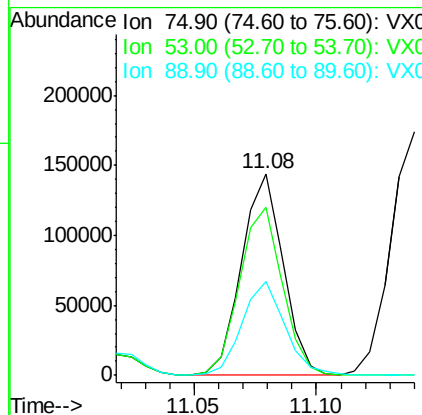
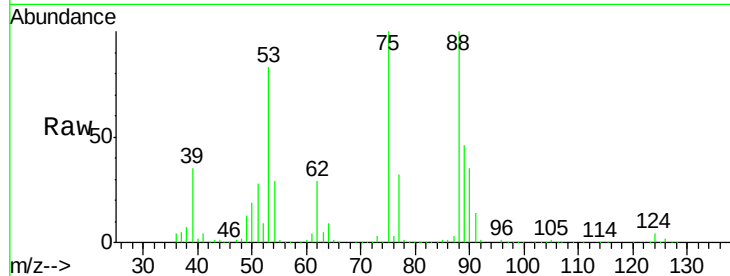
53 86.0 86.8 130.2#

89 48.2 38.2 57.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 98.56 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003466.D

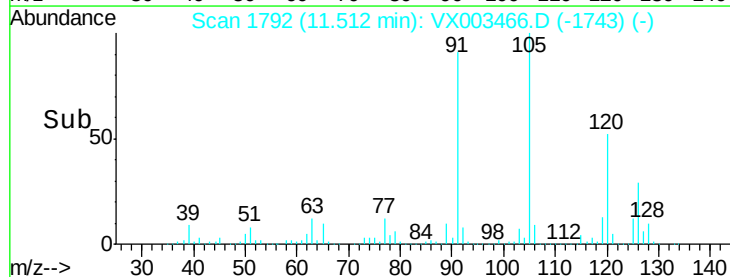
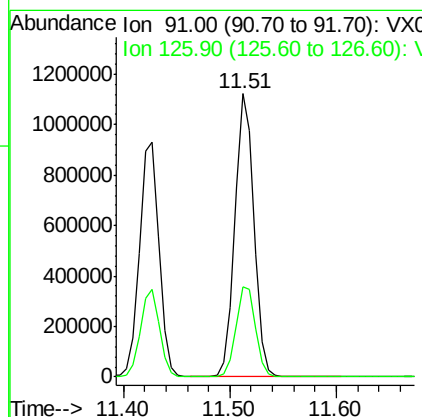
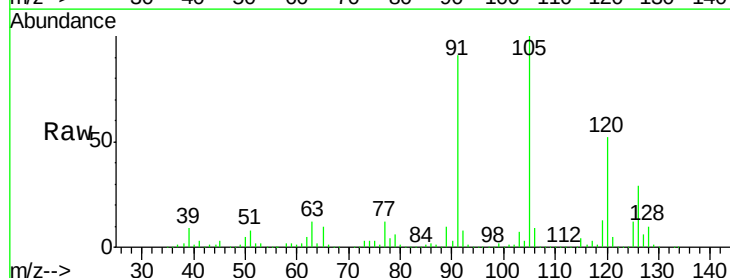
Acq: 19 Jul 2018 14:48

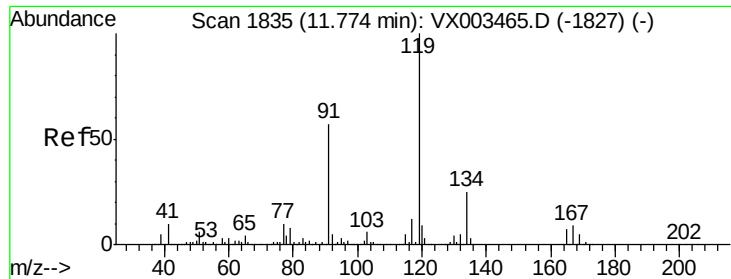
Tgt Ion: 91 Resp: 1412245

Ion Ratio Lower Upper

91 100

126 32.6 15.4 46.4





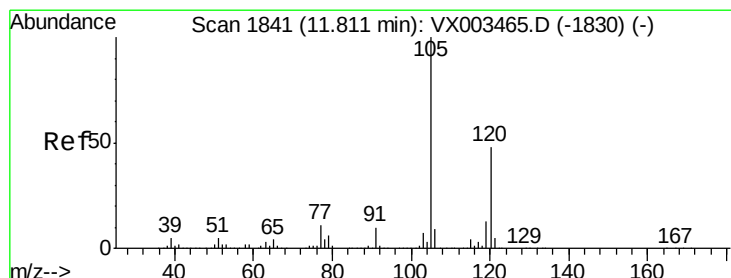
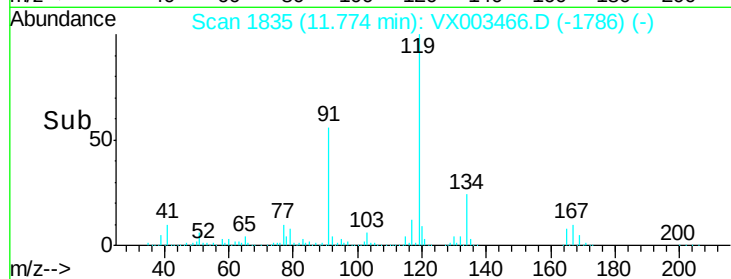
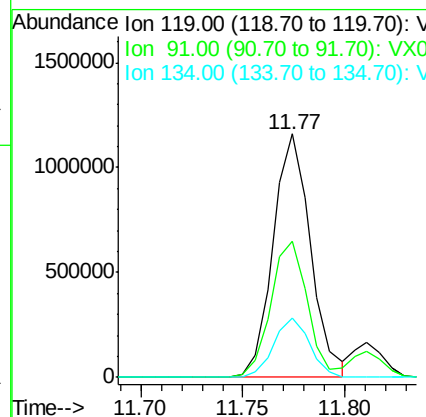
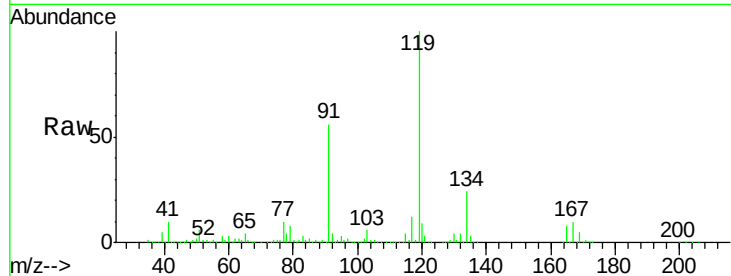
#83
 tert-Butylbenzene
 Concen: 102.91 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:119 Resp: 1485806
 Ion Ratio Lower Upper
 119 100
 91 55.5 30.3 90.9
 134 23.5 11.7 35.1

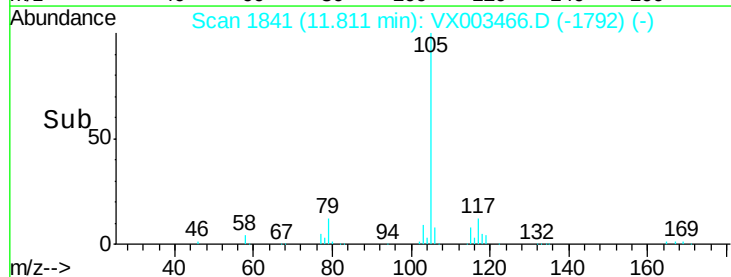
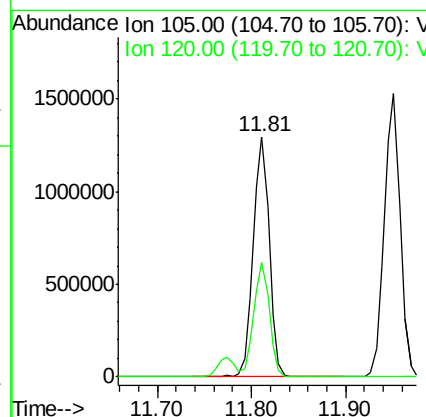
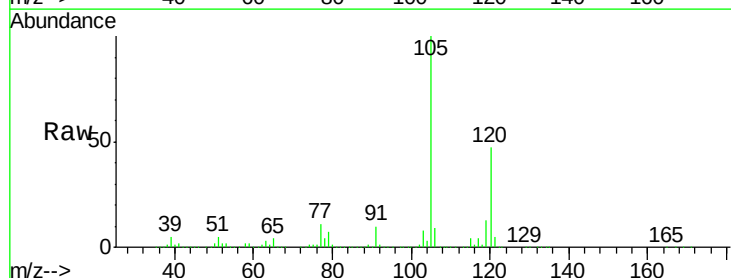
Manual Integrations
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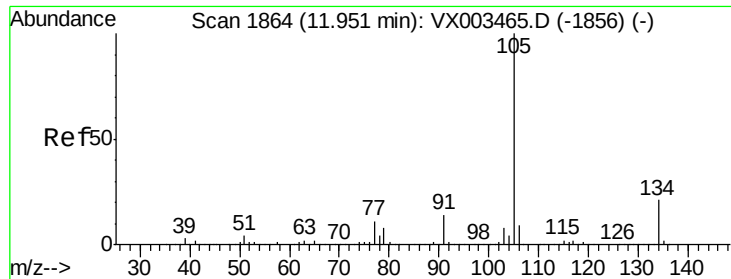
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#84
 1,2,4-Trimethylbenzene
 Concen: 101.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Tgt Ion:105 Resp: 1546488
 Ion Ratio Lower Upper
 105 100
 120 46.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 99.73 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

Instrument :

MSVOA_X

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 1790501

Ion Ratio Lower Upper

105 100

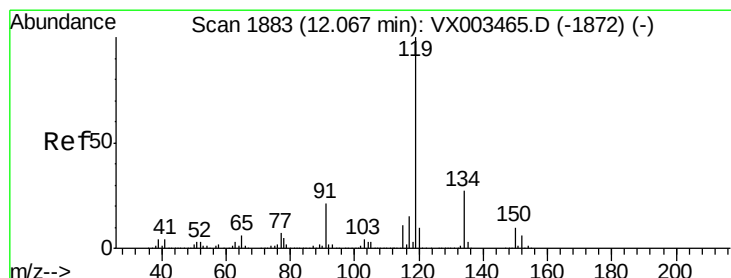
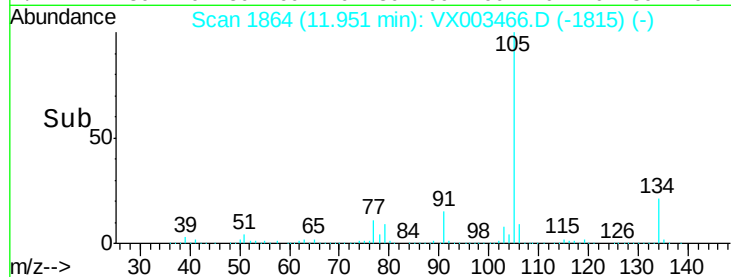
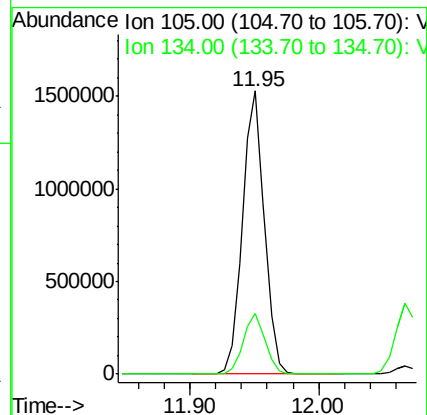
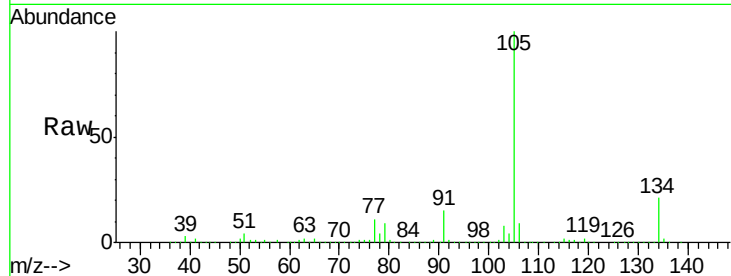
134 21.2 10.4 31.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 100.82 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003466.D

Acq: 19 Jul 2018 14:48

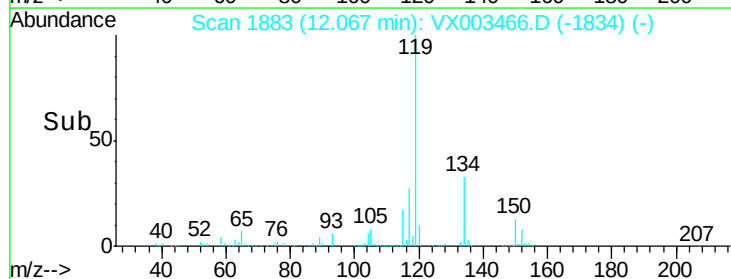
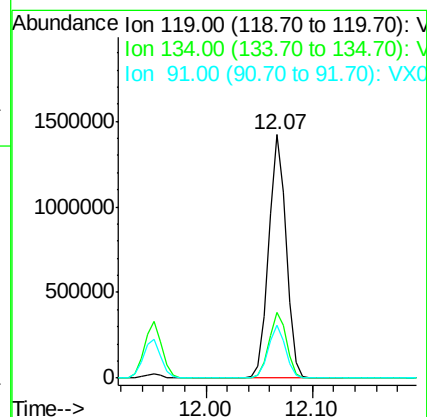
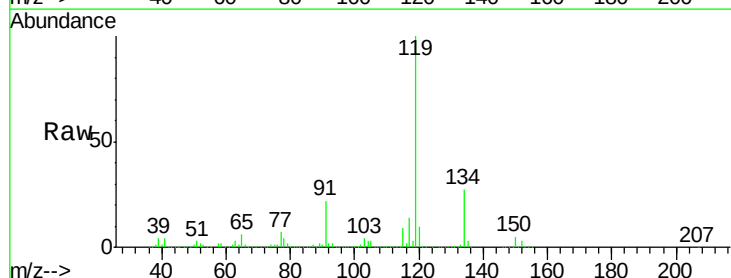
Tgt Ion:119 Resp: 1637620

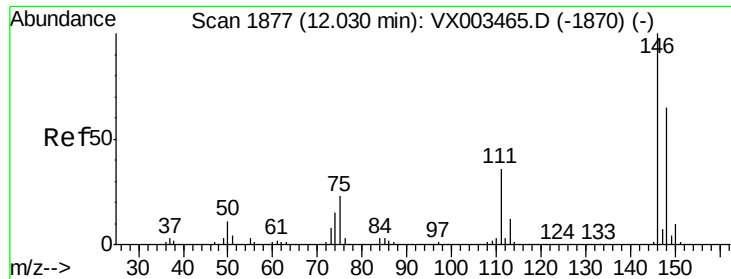
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 21.3 11.9 35.7





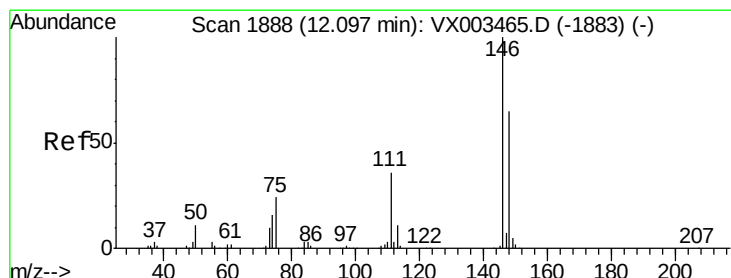
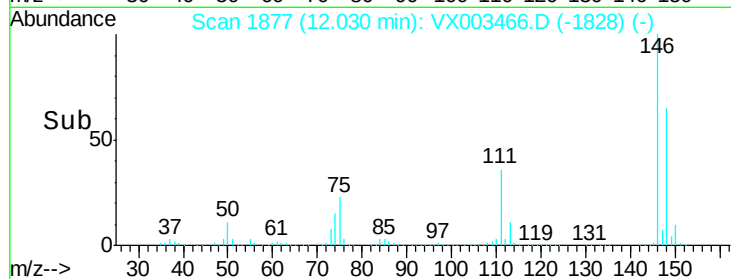
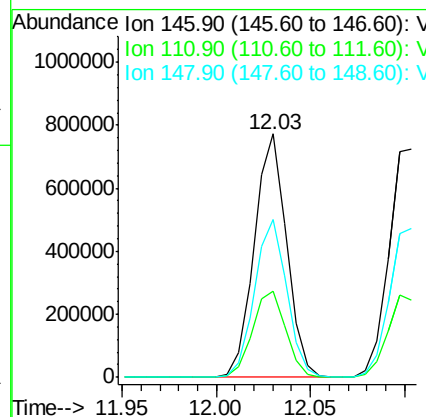
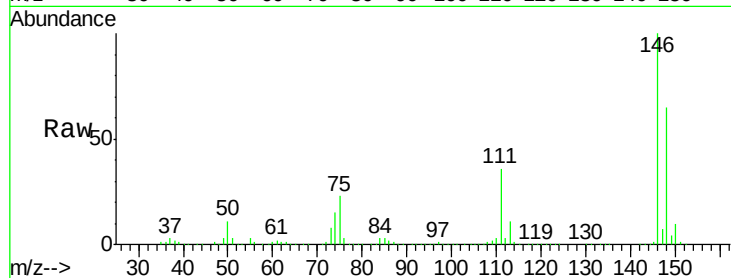
#87
 1,3-Dichlorobenzene
 Concen: 101.30 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.9	56.7
148	64.6	32.1	96.3

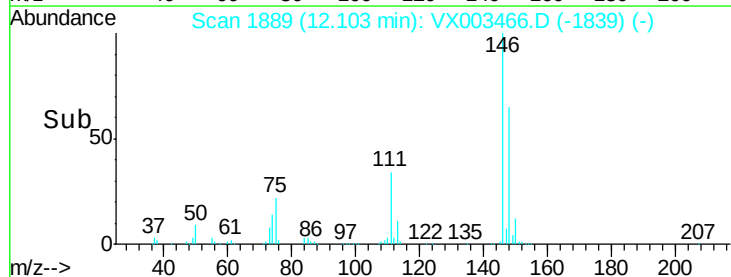
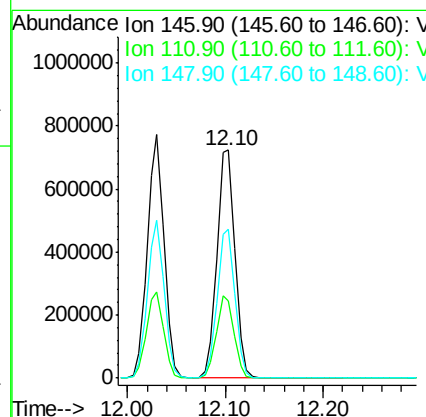
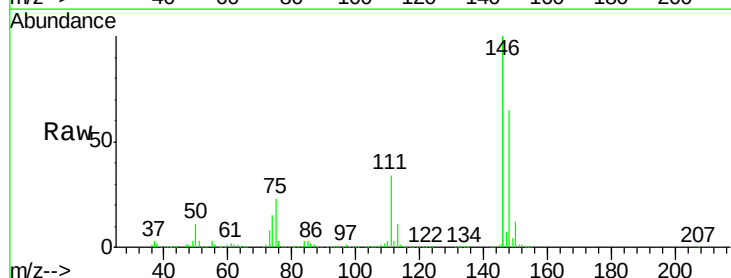
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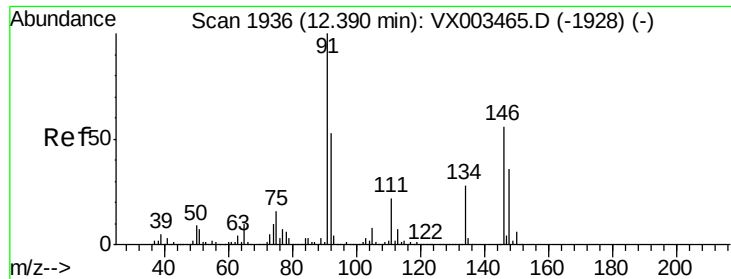
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#88
 1,4-Dichlorobenzene
 Concen: 100.24 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.7	56.1
148	64.4	32.4	97.0





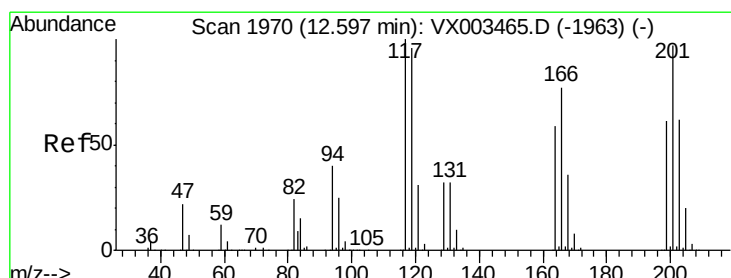
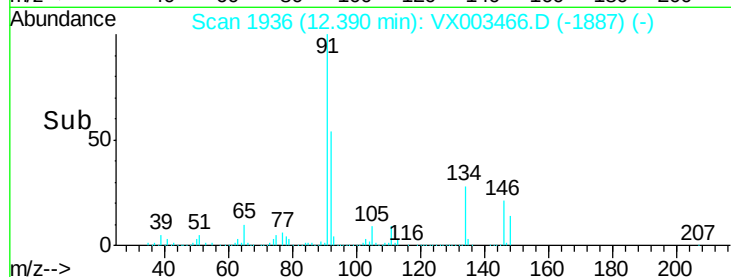
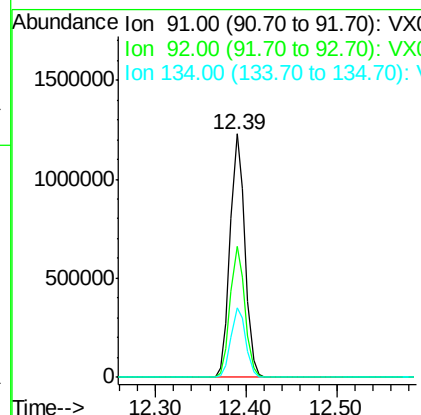
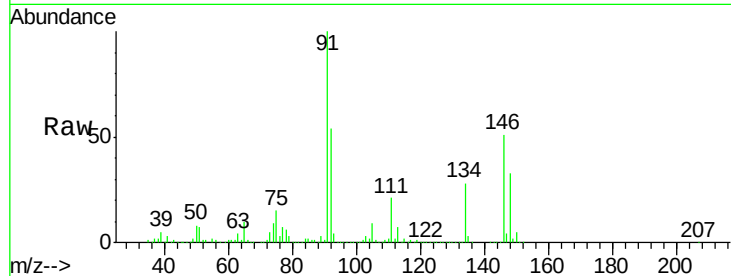
#89
n-Butylbenzene
Concen: 96.86 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1388007
Ion Ratio Lower Upper
91 100
92 53.5 26.0 78.0
134 28.8 13.5 40.5

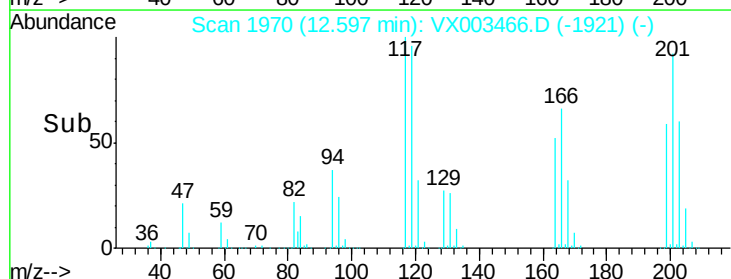
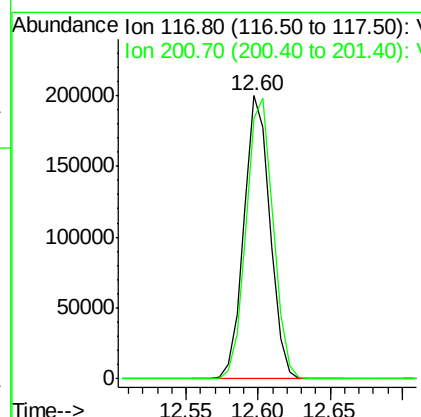
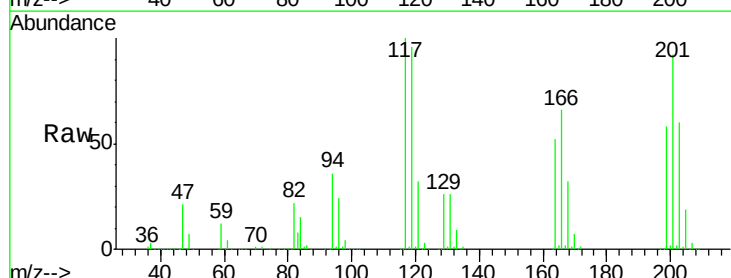
Manual Integrations
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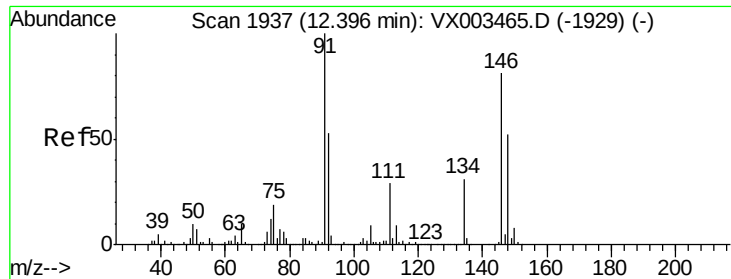
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#90
Hexachloroethane
Concen: 111.44 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion: 117 Resp: 249842
Ion Ratio Lower Upper
117 100
201 102.0 49.0 147.0





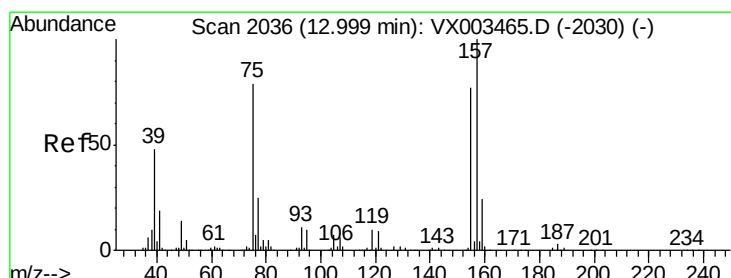
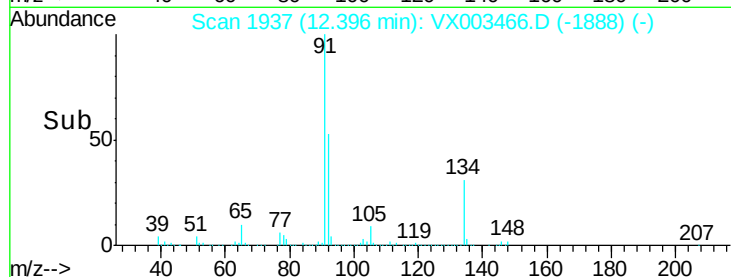
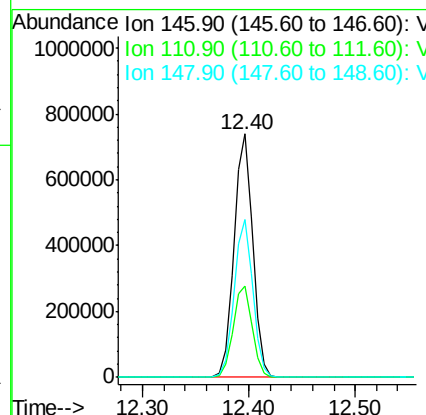
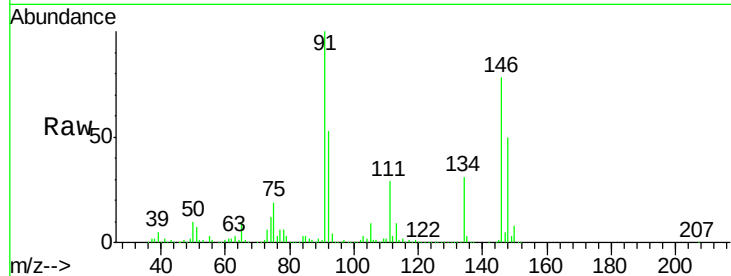
#91
 1,2-Dichlorobenzene
 Concen: 100.05 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.1
148	64.6	31.7	95.1

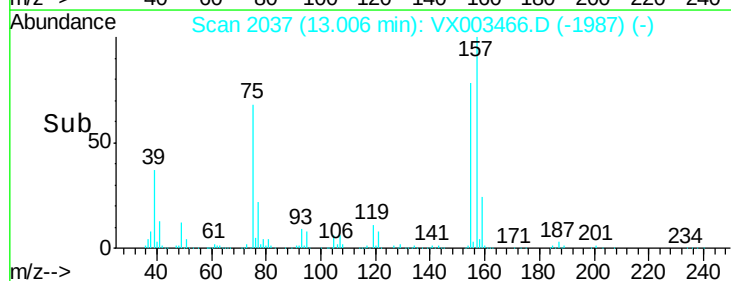
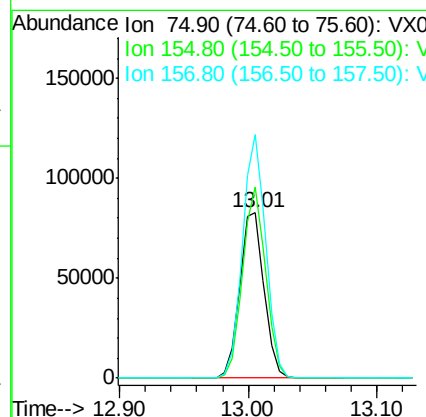
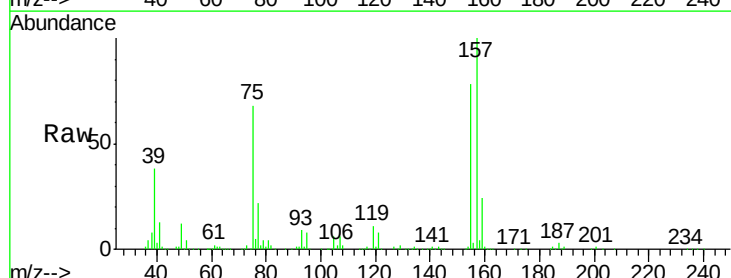
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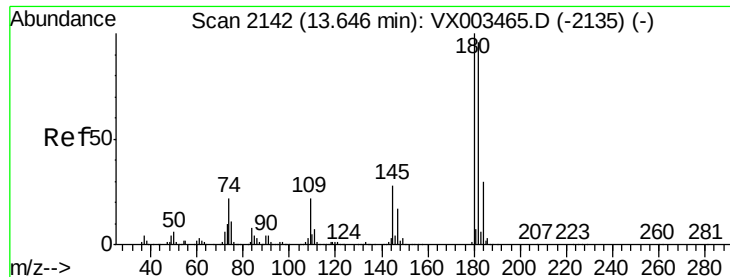
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 99.33 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.5	45.8	137.4
157	139.3	60.1	180.3





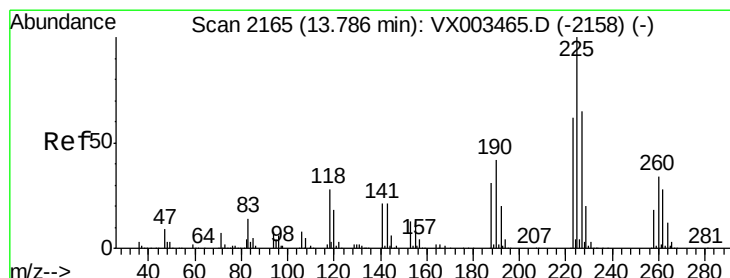
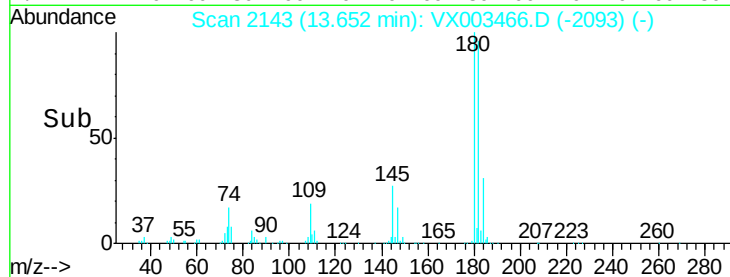
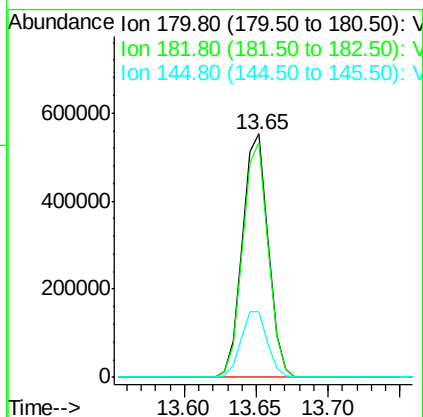
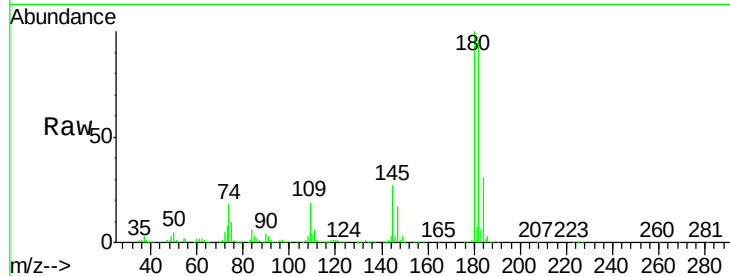
#93
 1,2,4-Trichlorobenzene
 Concen: 103.30 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	683690		
182	95.5	47.7	143.1	
145	27.6	14.1	42.4	

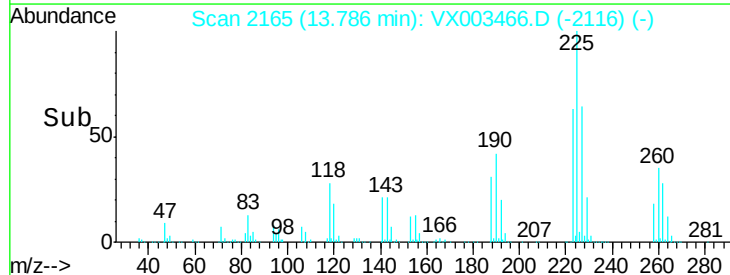
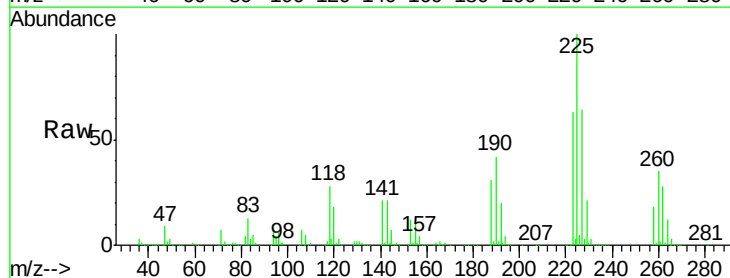
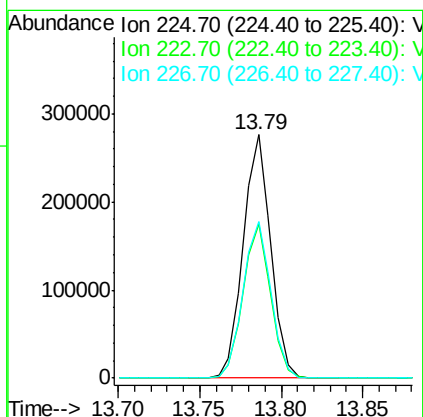
Manual Integrations
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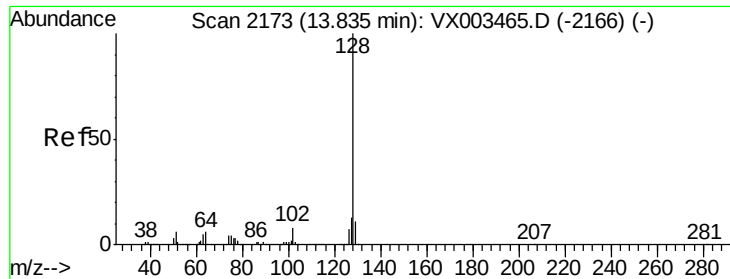
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#94
 Hexachlorobutadiene
 Concen: 93.30 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003466.D
 Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	325288		
223	63.0	31.6	95.0	
227	65.1	32.4	97.2	





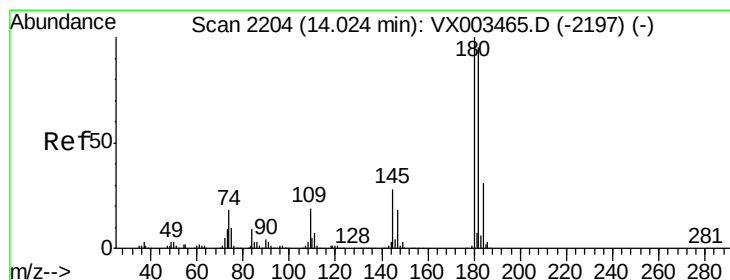
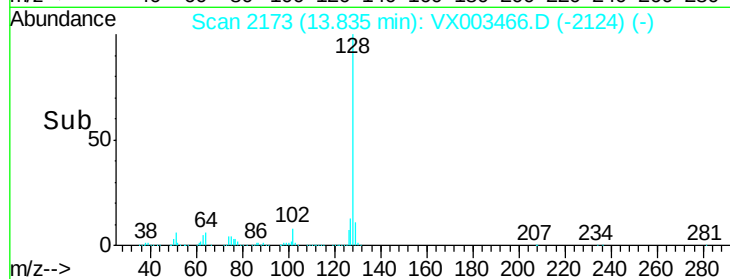
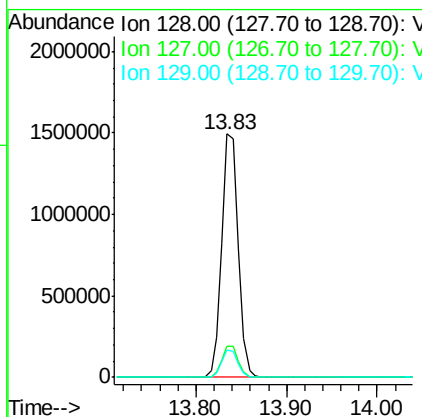
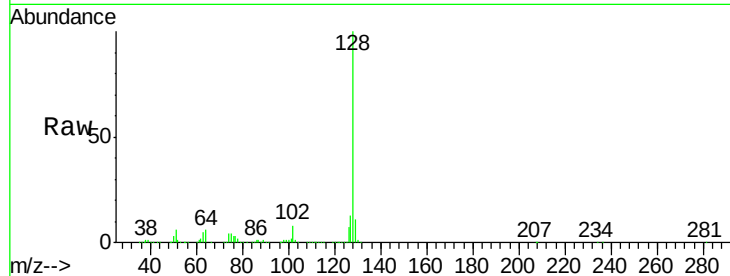
#95
Naphthalene
Concen: 105.94 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/20/2018 5:22:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 101.66 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003466.D
Acq: 19 Jul 2018 14:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	48.0	144.0
145	29.3	14.8	44.3

