

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000529.D
 Acq On : 29 Mar 2018 22:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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sam
 3/30/2018 4:11:05 PM

Quant Time: Mar 30 07:59:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	131485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	213144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	228622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	83993	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.51	113	67053	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
50) Toluene-d8	8.73	98	269970	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
62) 4-Bromofluorobenzene	11.15	95	115314	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	59518	41.07	ug/l	98
3) Chloromethane	1.32	50	58405	38.26	ug/l	97
4) Vinyl Chloride	1.40	62	75166	46.60	ug/l	100
5) Bromomethane	1.64	94	113826	58.93	ug/l	96
6) Chloroethane	1.72	64	58214	59.31	ug/l	99
7) Trichlorofluoromethane	1.93	101	151104	51.90	ug/l	98
8) Diethyl Ether	2.19	74	53816	51.72	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80639	49.67	ug/l	98
10) Methyl Iodide	2.51	142	65472	41.50	ug/l	97
11) Tert butyl alcohol	3.09	59	159653	270.42	ug/l	100
12) 1,1-Dichloroethene	2.38	96	74184	52.05	ug/l	99
13) Acrolein	2.30	56	44091	234.84	ug/l	99
14) Allyl chloride	2.73	41	135240	53.74	ug/l	98
15) Acrylonitrile	3.16	53	316427	264.63	ug/l	99
16) Acetone	2.45	43	309413	216.71	ug/l	98
17) Carbon Disulfide	2.57	76	177878	46.92	ug/l	100
18) Methyl Acetate	2.79	43	163049	54.47	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	286601	54.37	ug/l	98
20) Methylene Chloride	2.86	84	83087	50.38	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	82691	52.01	ug/l	97
22) Diisopropyl ether	3.89	45	191974	43.09	ug/l	93
23) Vinyl Acetate	3.84	43	884317	209.38	ug/l	100
24) 1,1-Dichloroethane	3.70	63	102256	36.51	ug/l	98
25) 2-Butanone	4.72	43	352367	219.56	ug/l	99
26) 2,2-Dichloropropane	4.60	77	80469	40.99	ug/l	97
27) cis-1,2-Dichloroethene	4.61	96	67515	45.44	ug/l	97
28) Bromochloromethane	5.03	49	76751	66.45	ug/l	99
29) Tetrahydrofuran	5.18	42	230900	233.84	ug/l	99
30) Chloroform	5.23	83	130508	49.71	ug/l	99
31) Cyclohexane	5.59	56	97036	44.81	ug/l	96
32) 1,1,1-Trichloroethane	5.51	97	114750	48.45	ug/l	98
36) 1,1-Dichloropropene	5.81	75	90157	45.16	ug/l	98
37) Ethyl Acetate	4.87	43	123658	45.34	ug/l	100
38) Carbon Tetrachloride	5.79	117	98011	46.79	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	111427	45.89	ug/l	98
40) Benzene	6.15	78	277251	47.82	ug/l	99
41) Methacrylonitrile	5.07	41	65199	45.35	ug/l	97
42) 1,2-Dichloroethane	6.21	62	109459	48.12	ug/l	99
43) Isopropyl Acetate	6.48	43	197475	48.64	ug/l	99
44) Trichloroethene	7.22	130	77123	46.43	ug/l	96
45) 1,2-Dichloropropane	7.52	63	74456	50.17	ug/l	100
46) Dibromomethane	7.67	93	54555	46.83	ug/l	96
47) Bromodichloromethane	7.91	83	103263	50.38	ug/l	99
48) Methyl methacrylate	7.79	41	97987	49.72	ug/l	99
49) 1,4-Dioxane	7.77	88	44061	1063.57	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	789345	251.20	ug/l	99
52) Toluene	8.79	92	200391	49.44	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	116495	49.05	ug/l	95
54) cis-1,3-Dichloropropene	9.05	75	117653	51.07	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	82450	49.46	ug/l	95
56) Ethyl methacrylate	9.19	69	127300	50.40	ug/l	99
57) 1,3-Dichloropropane	9.38	76	132917	49.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	236218	194.86	ug/l	99
59) 2-Hexanone	9.51	43	657309	246.35	ug/l	99
60) Dibromochloromethane	9.59	129	89509	45.76	ug/l	98
61) 1,2-Dibromoethane	9.68	107	92879	51.96	ug/l	98
64) Tetrachloroethene	9.34	164	77017	43.41	ug/l	97
65) Chlorobenzene	10.15	112	236863	46.55	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	82170	47.55	ug/l	98
67) Ethyl Benzene	10.26	91	408762	47.39	ug/l	99
68) m/p-Xylenes	10.37	106	337295	99.38	ug/l	98
69) o-Xylene	10.71	106	162120	49.34	ug/l	100
70) Styrene	10.72	104	278981	51.31	ug/l	98
71) Bromoform	10.87	173	73694	41.79	ug/l #	97
73) Isopropylbenzene	11.02	105	452489	45.16	ug/l	99
74) N-amyl acetate	6.48	43	197475	44.88	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	163396	46.11	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	141444m	43.52	ug/l	
77) Bromobenzene	11.26	156	113779	42.63	ug/l	97
78) n-propylbenzene	11.37	91	533524	44.66	ug/l	99
79) 2-Chlorotoluene	11.43	91	305849	44.32	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	395166	46.91	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	43854	43.69	ug/l	98
82) 4-Chlorotoluene	11.52	91	375638	45.58	ug/l	97
83) tert-Butylbenzene	11.78	119	391005	46.02	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	404735	45.82	ug/l	98
85) sec-Butylbenzene	11.96	105	493364	46.93	ug/l	100
86) p-Isopropyltoluene	12.07	119	447564	47.94	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	228079	45.19	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	241113	45.51	ug/l	98
89) n-Butylbenzene	12.40	91	407752	46.90	ug/l	99
90) Hexachloroethane	12.60	117	67903	46.20	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	236077	47.71	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	45963	46.51	ug/l	95

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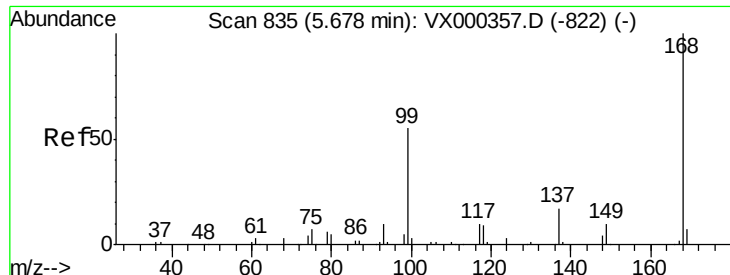
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	162215	45.73	ug/l	99
94) Hexachlorobutadiene	13.79	225	64404	43.85	ug/l	99
95) Naphthalene	13.84	128	594012	48.07	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	164028	46.80	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:168 Resp: 131485

Ion Ratio Lower Upper

168 100

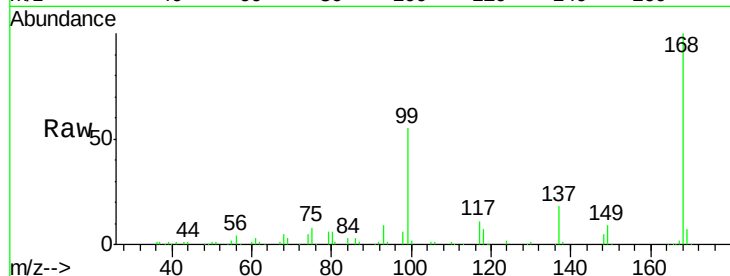
99 54.6 45.8 68.6

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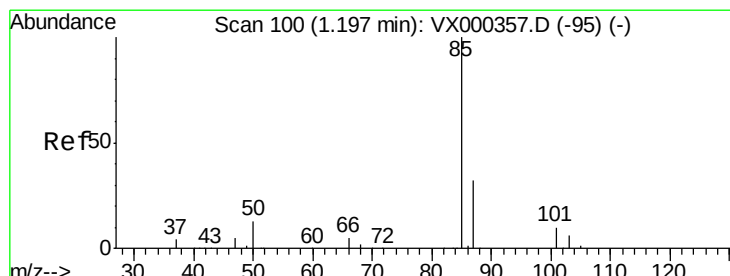
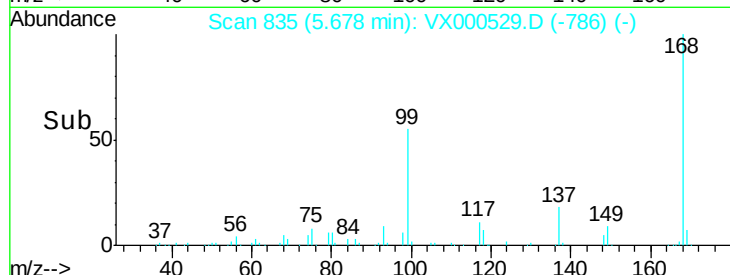


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

Time-->



#2

Dichlorodifluoromethane

Concen: 41.07 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000529.D

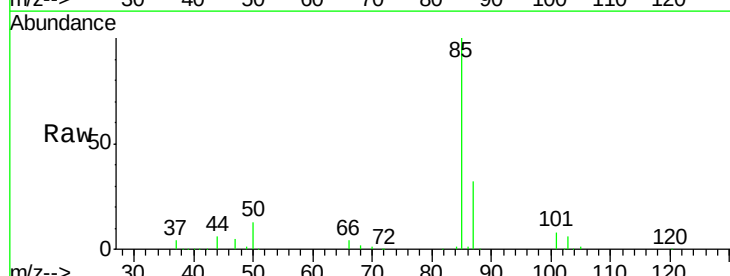
Acq: 29 Mar 2018 22:22

Tgt Ion: 85 Resp: 59518

Ion Ratio Lower Upper

85 100

87 32.5 16.8 50.3

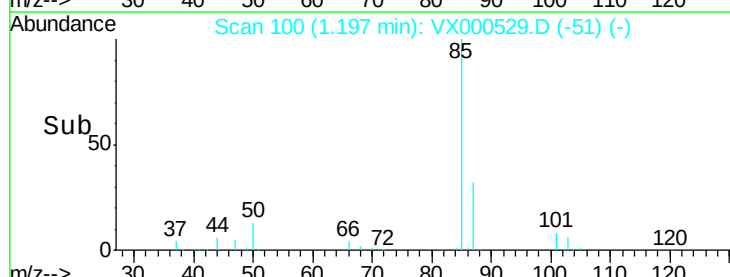


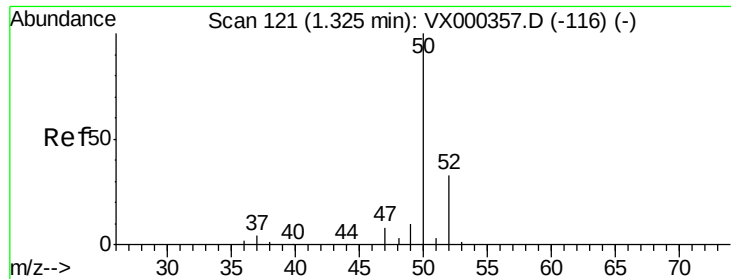
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 38.26 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 58405

Ion Ratio Lower Upper

50 100

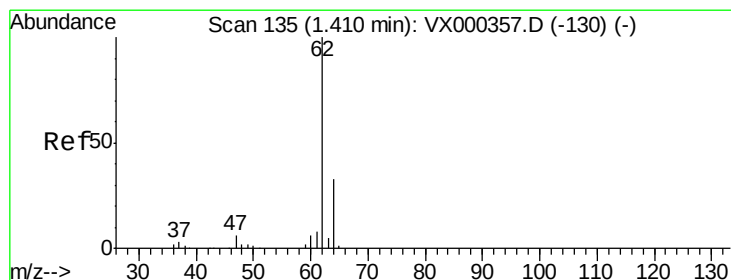
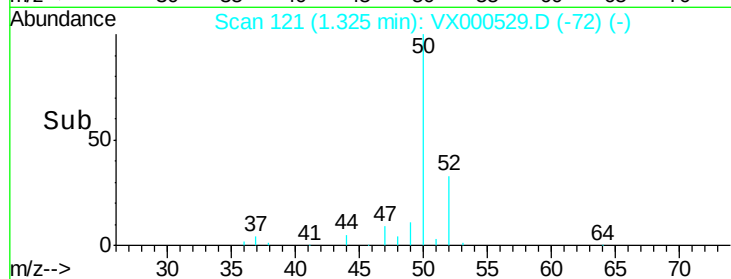
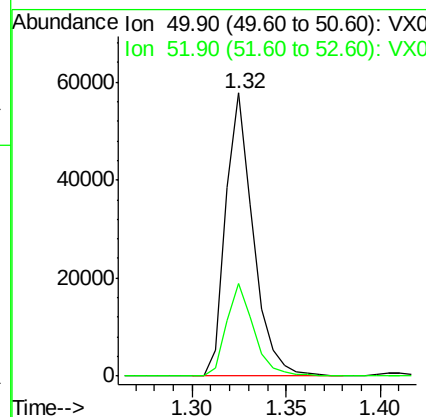
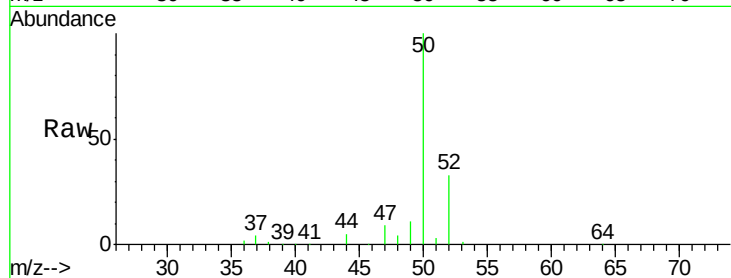
52 32.9 27.5 41.3

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#4

Vinyl Chloride

Concen: 46.60 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000529.D

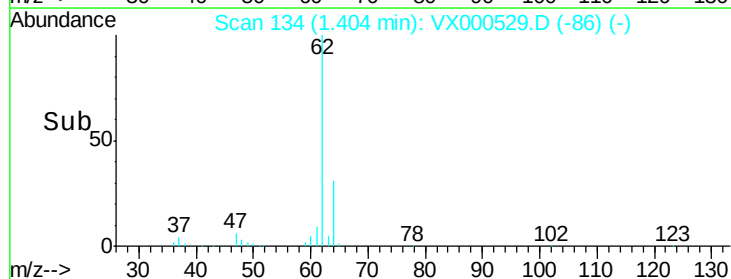
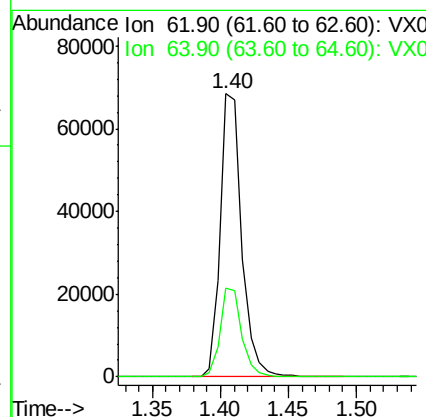
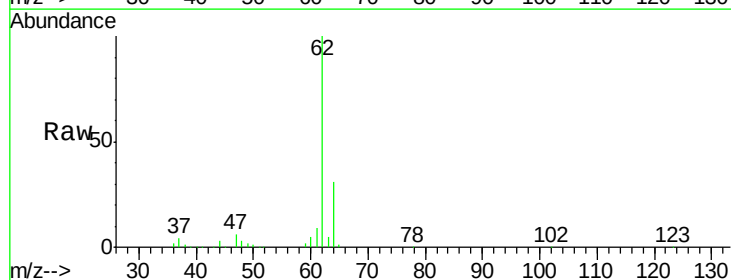
Acq: 29 Mar 2018 22:22

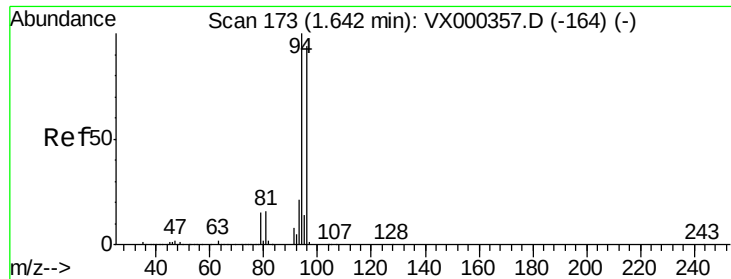
Tgt Ion: 62 Resp: 75166

Ion Ratio Lower Upper

62 100

64 31.2 24.8 37.2





#5

Bromomethane

Concen: 58.93 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 113826

Ion Ratio Lower Upper

94 100

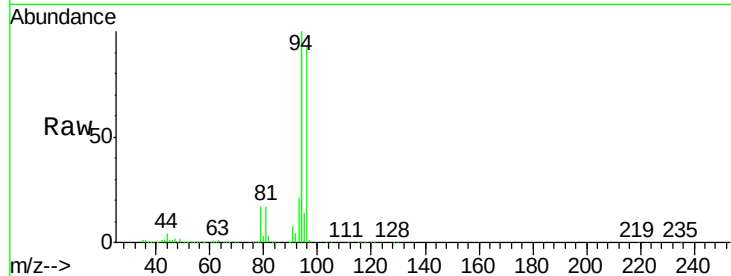
96 93.1 77.7 116.5

Manual Integrations

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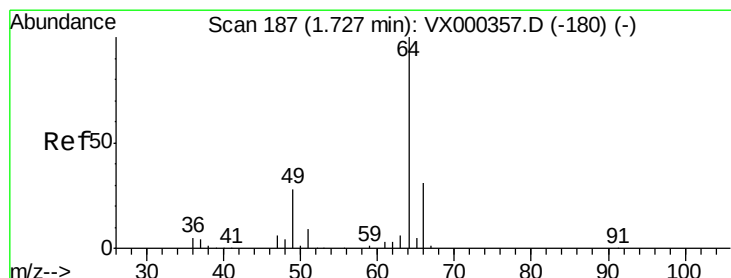
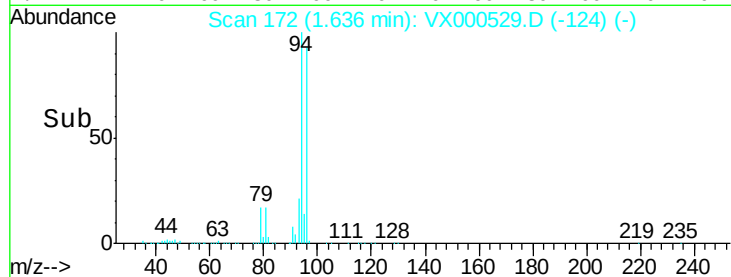
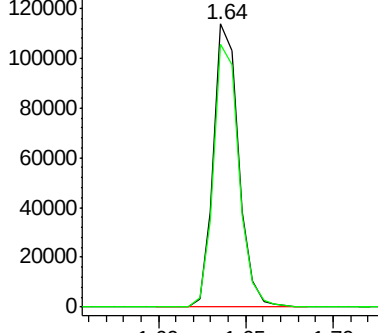
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 59.31 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000529.D

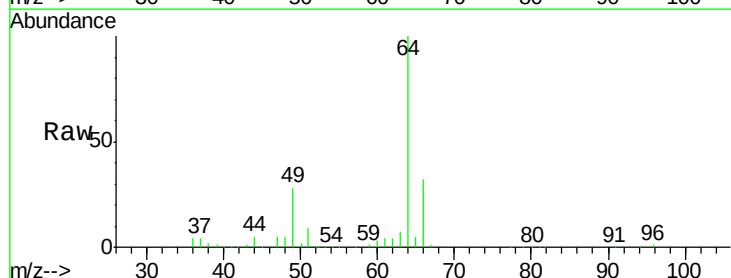
Acq: 29 Mar 2018 22:22

Tgt Ion: 64 Resp: 58214

Ion Ratio Lower Upper

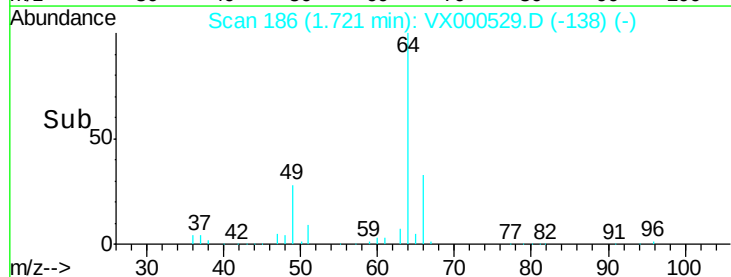
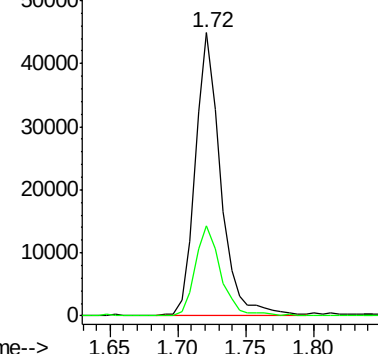
64 100

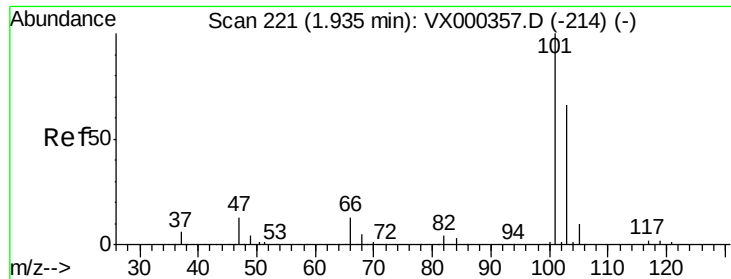
66 31.8 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

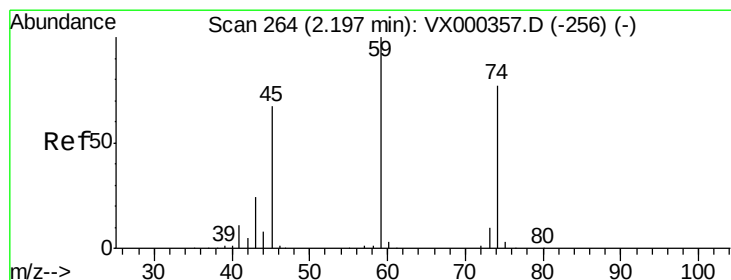
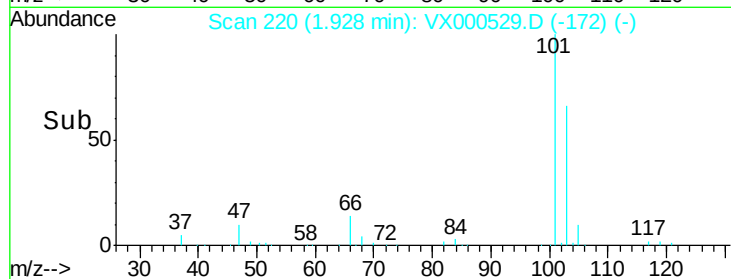
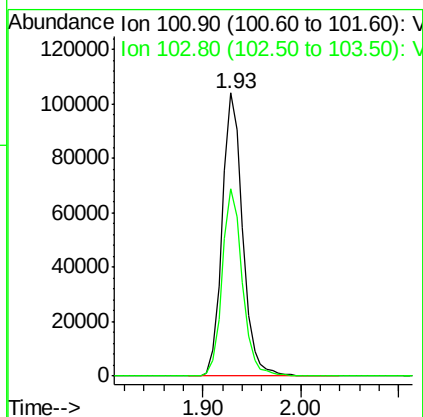
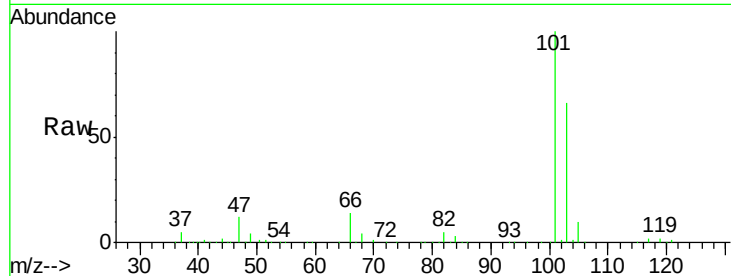
Trichlorofluoromethane
Concen: 51.90 ug/l
RT: 1.93 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		151104		
103	66.3	51.6	77.4		

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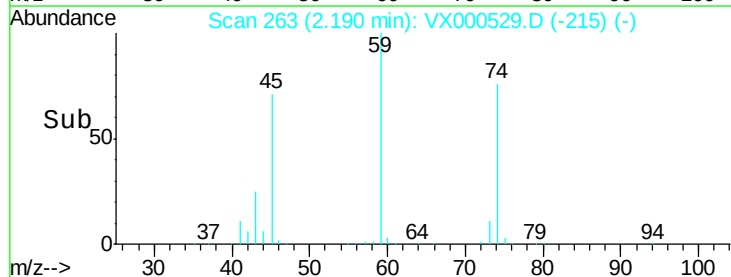
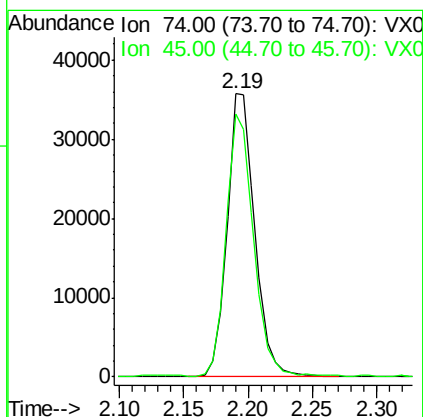
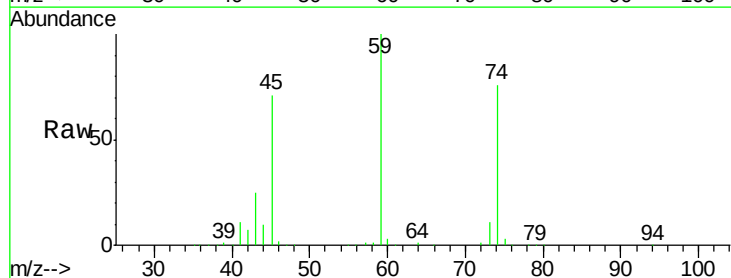
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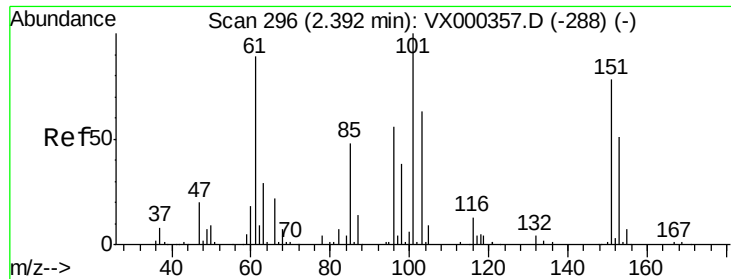


#8

Diethyl Ether
Concen: 51.72 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		53816		
45	92.1	45.1	135.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.67 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

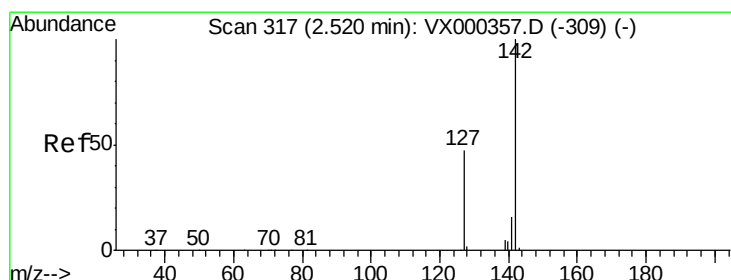
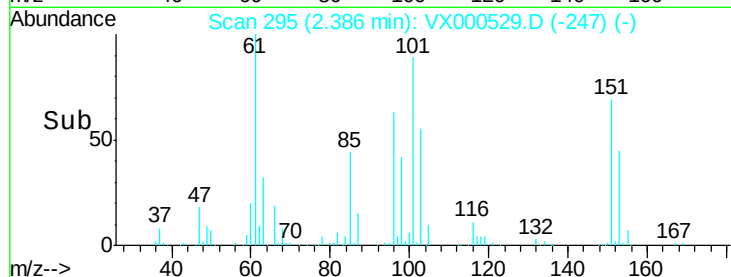
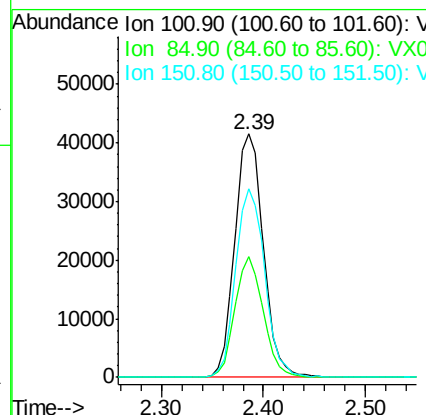
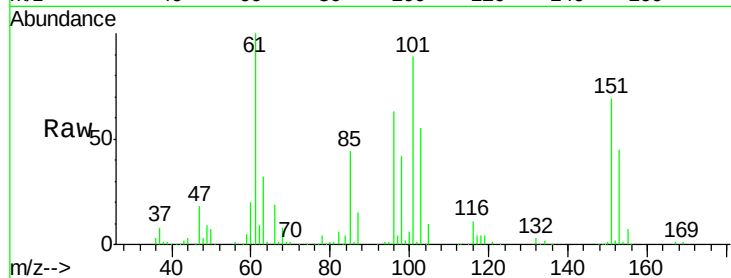
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	80639
Ion Ratio	Lower	Upper	
101	100		
85	49.0	37.6	56.4
151	78.9	62.6	93.8

Manual Integrations
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#10

Methyl Iodide

Concen: 41.50 ug/l

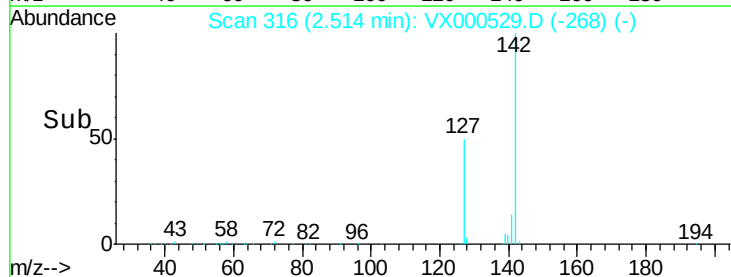
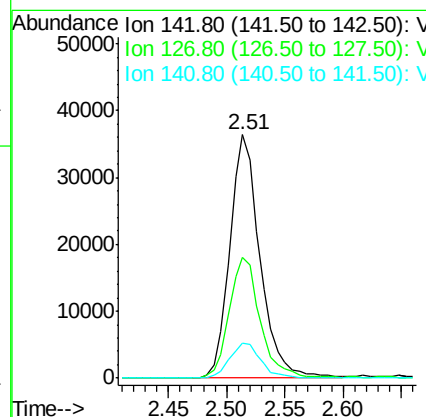
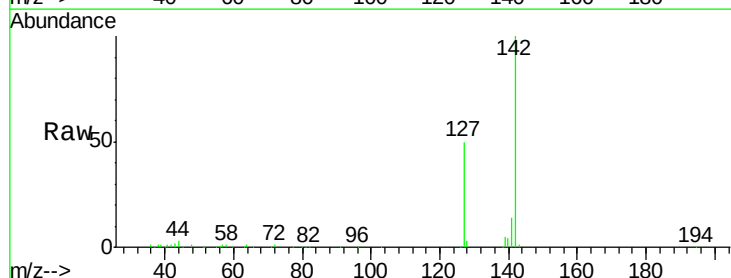
RT: 2.51 min Scan# 316

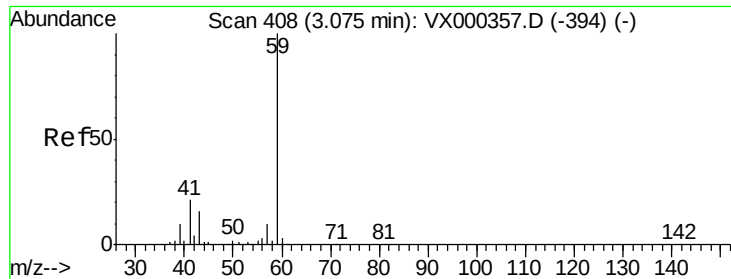
Delta R.T. -0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Tgt Ion:	142	Resp:	65472
Ion Ratio	Lower	Upper	
142	100		
127	51.3	39.2	58.8
141	14.7	11.7	17.5





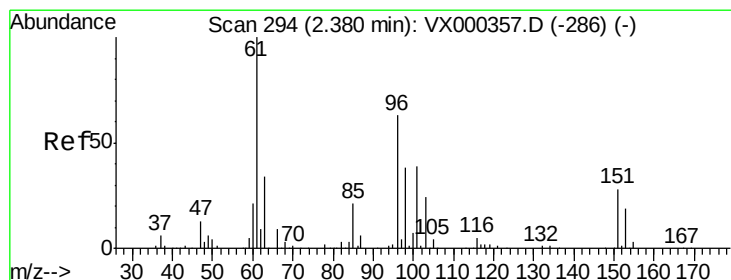
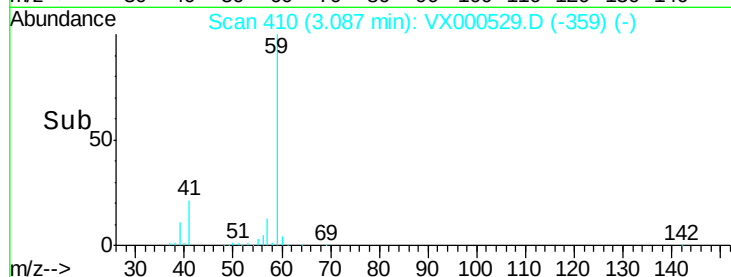
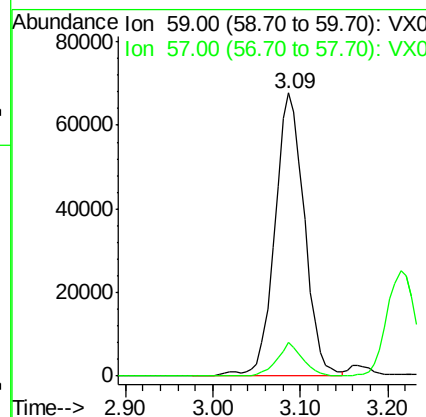
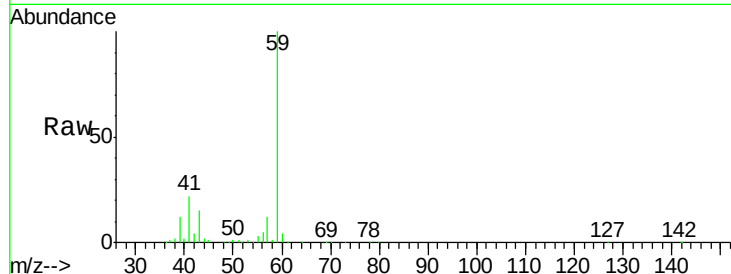
#11
Tert butyl alcohol
Concen: 270.42 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	159653
Ion Ratio	100	Lower	Upper
57	10.4	8.4	12.6

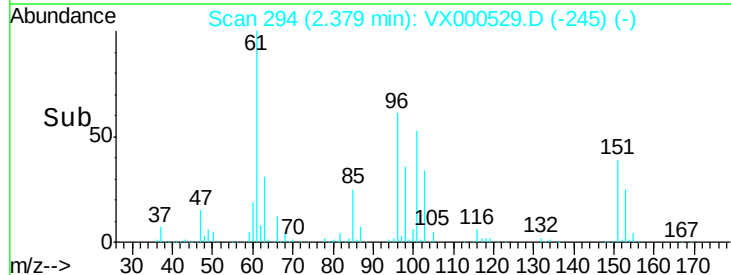
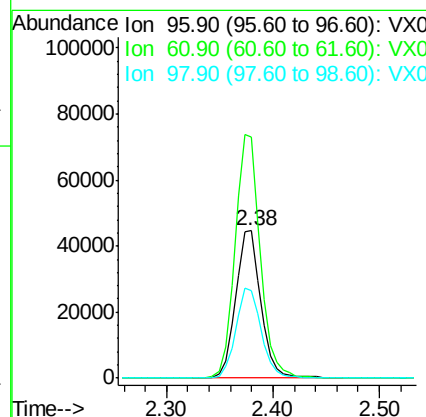
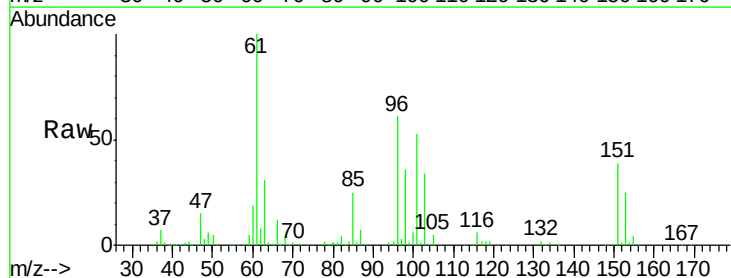
Manual Integrations
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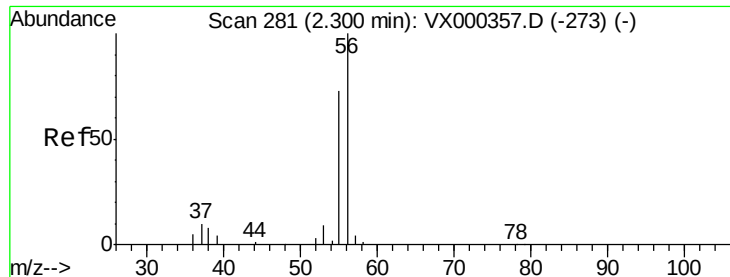
sam
3/30/2018 4:11:05 PM



#12
1,1-Dichloroethene
Concen: 52.05 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	96	Resp	74184
Ion Ratio	100	Lower	Upper
61	163.4	131.2	196.8
98	59.6	49.8	74.8





#13

Acrolein

Concen: 234.84 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 44091

Ion Ratio Lower Upper

56 100

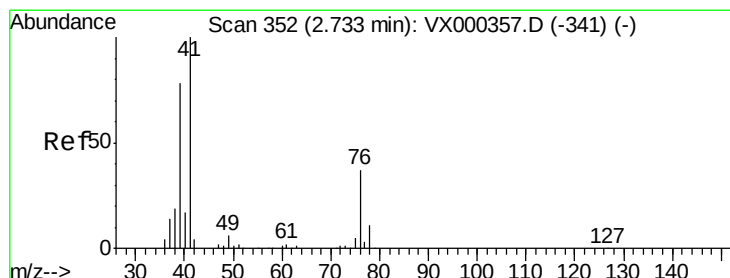
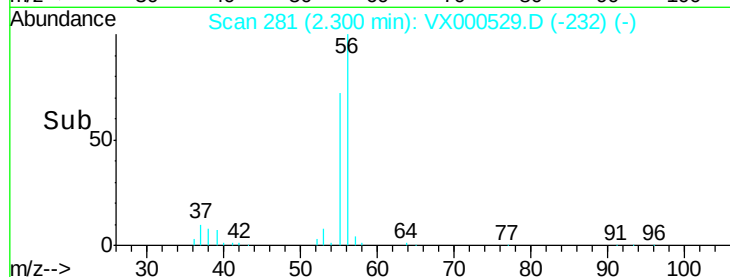
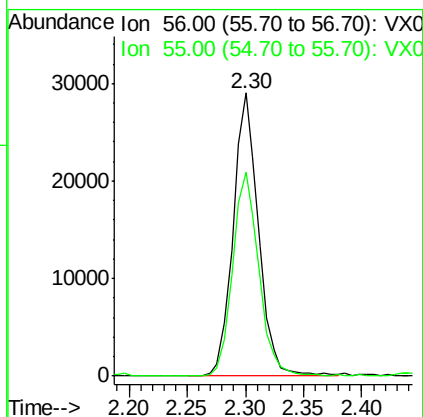
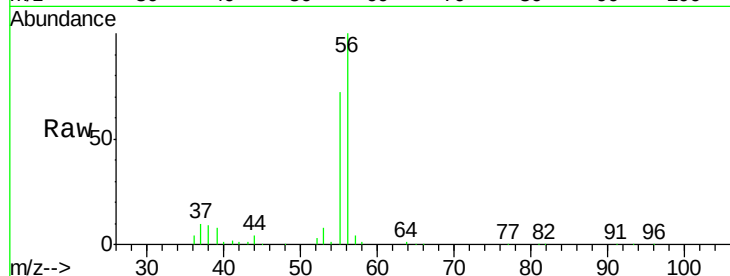
55 74.6 58.8 88.2

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#14

Allyl chloride

Concen: 53.74 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

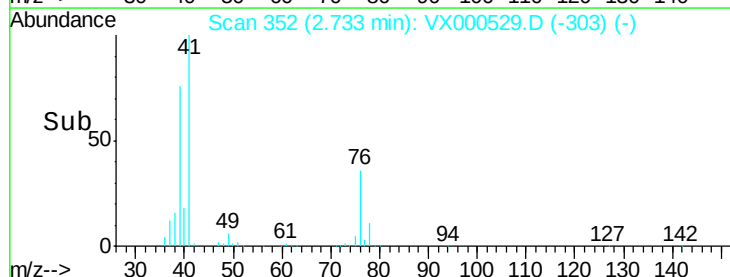
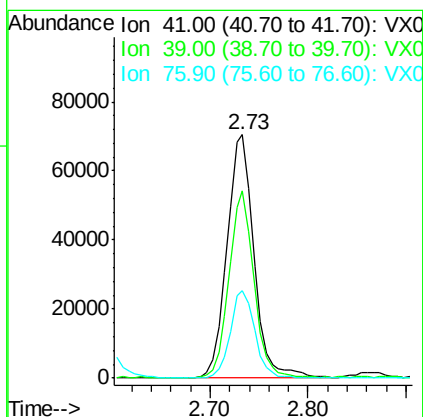
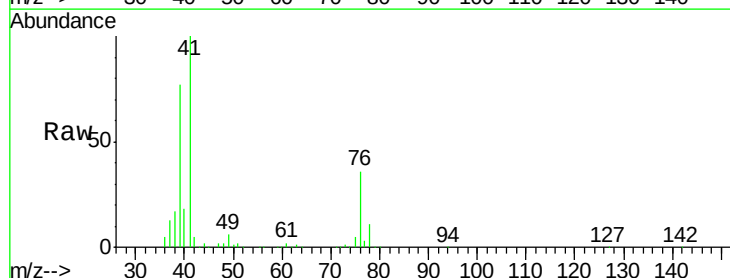
Tgt Ion: 41 Resp: 135240

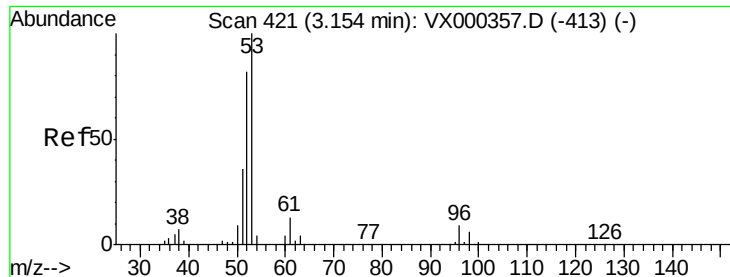
Ion Ratio Lower Upper

41 100

39 69.9 57.6 86.4

76 32.8 27.3 40.9





#15

Acrylonitrile

Concen: 264.63 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

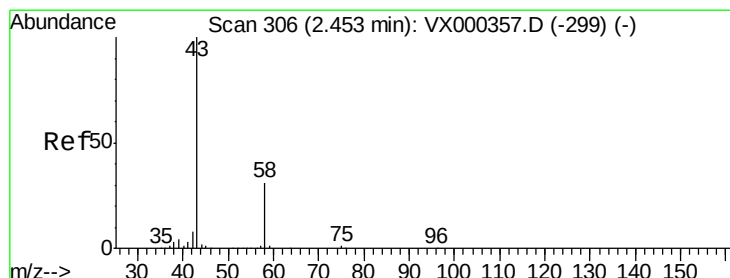
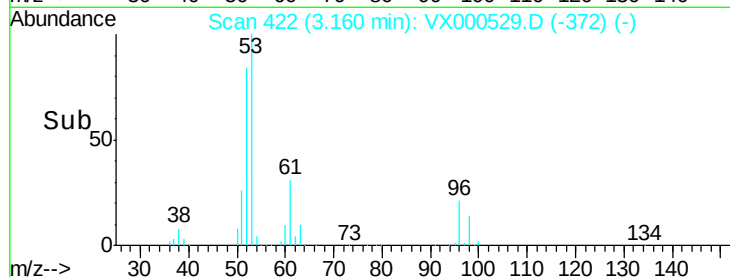
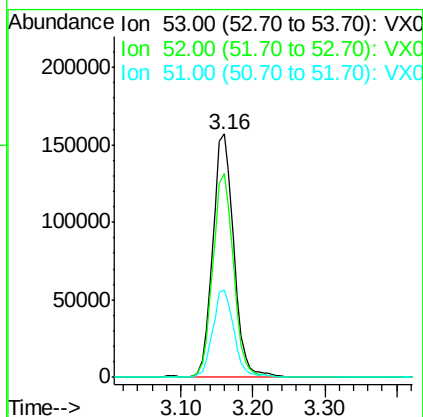
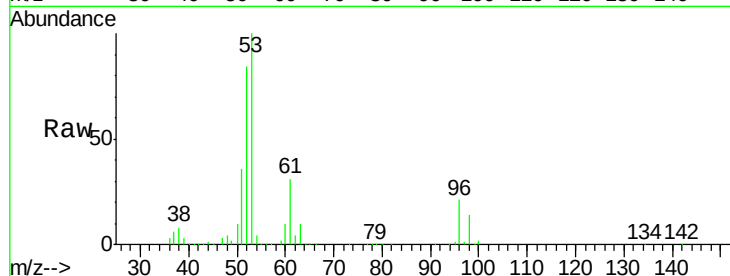
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	316427
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.6	99.8
51	36.2	29.3	43.9

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#16

Acetone

Concen: 216.71 ug/l

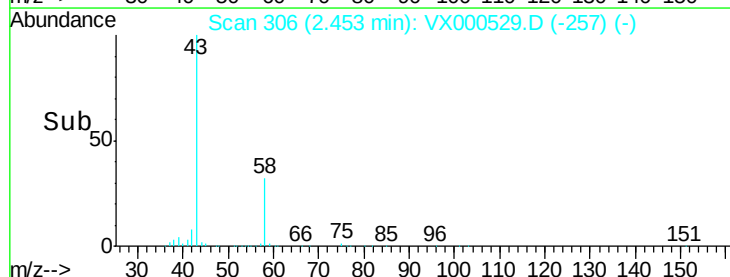
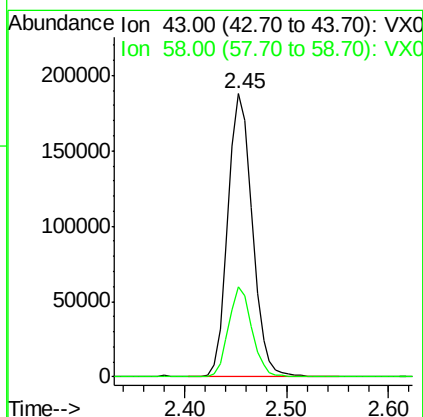
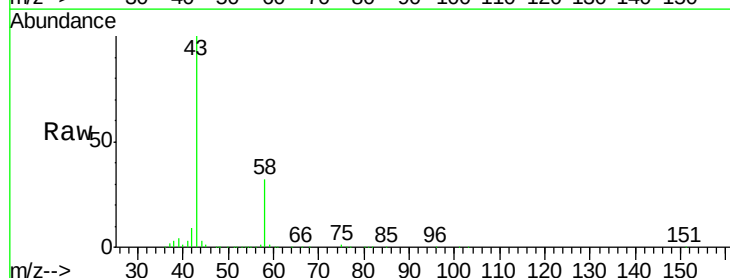
RT: 2.45 min Scan# 306

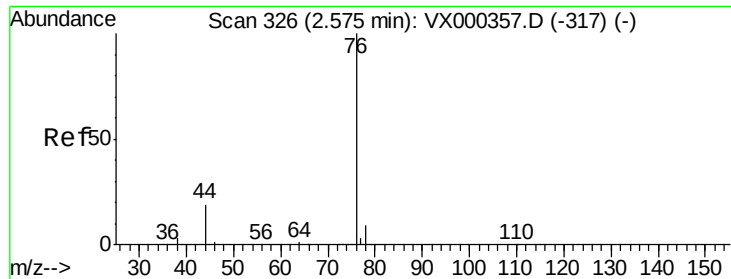
Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Tgt Ion:	43	Resp:	309413
Ion	Ratio	Lower	Upper
43	100		
58	31.8	24.7	37.1





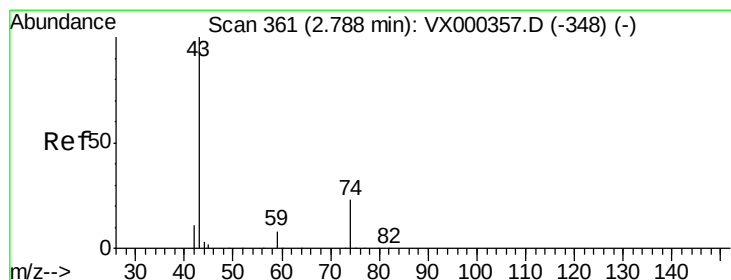
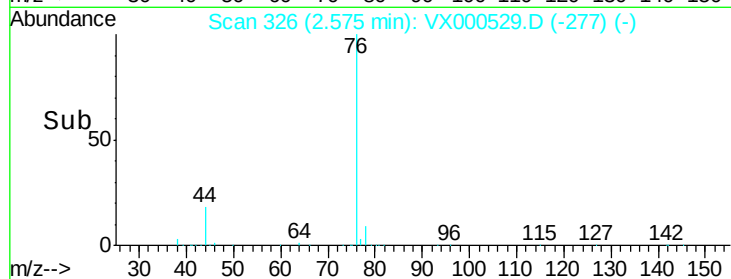
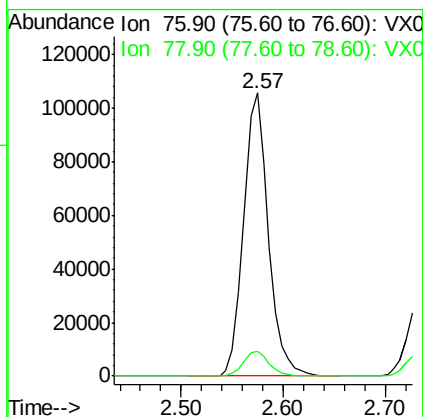
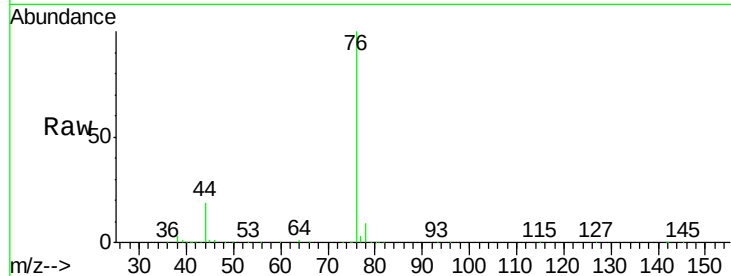
#17
Carbon Disulfide
Concen: 46.92 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

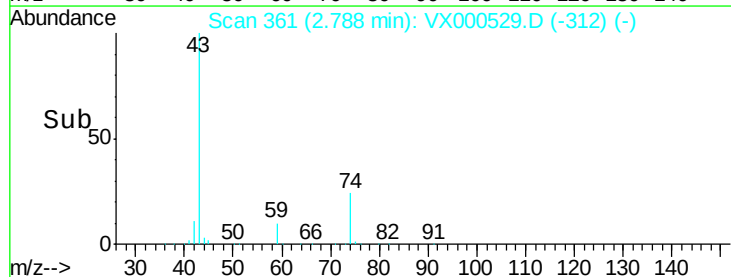
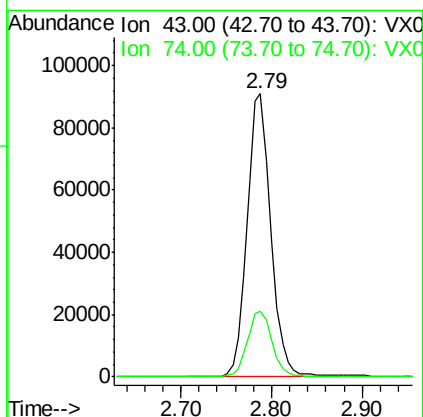
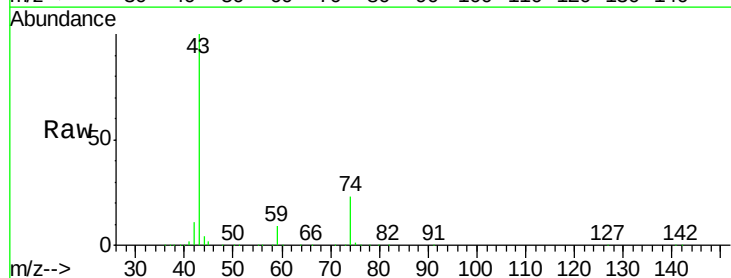
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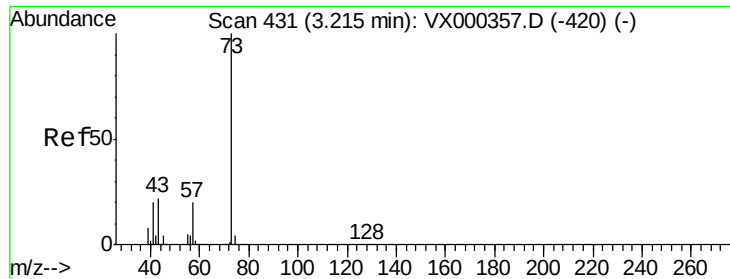
sam
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#18
Methyl Acetate
Concen: 54.47 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	19.4	29.2





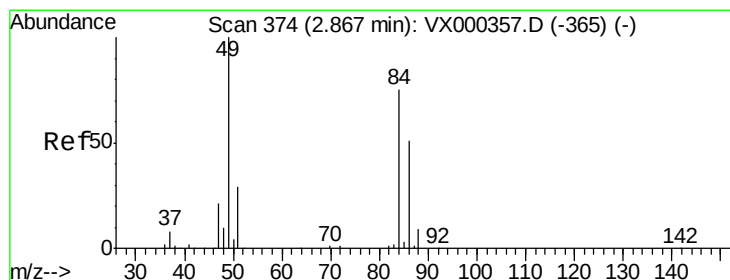
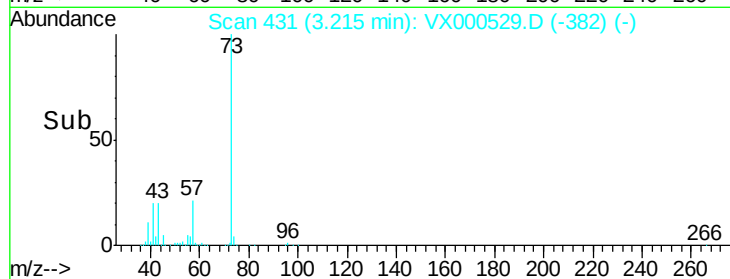
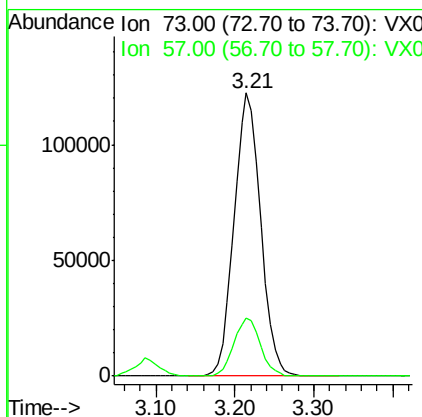
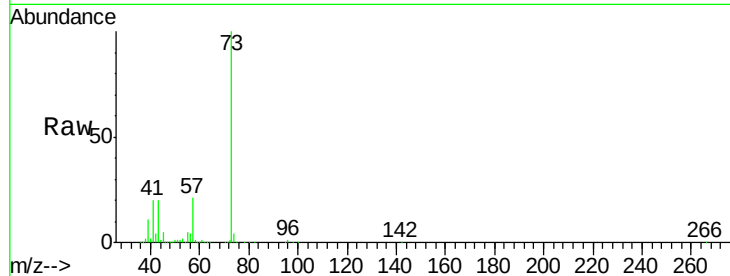
#19
Methyl tert-butyl Ether
Concen: 54.37 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.2	25.8

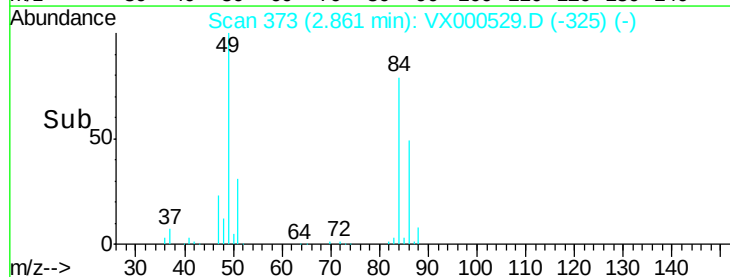
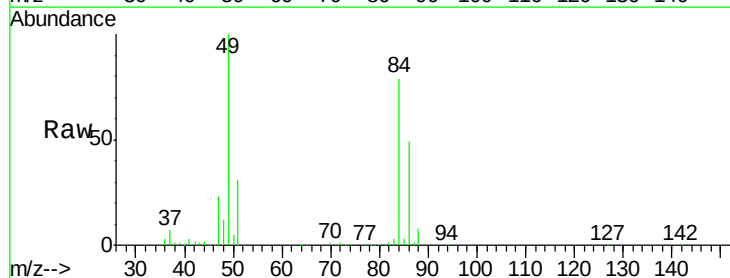
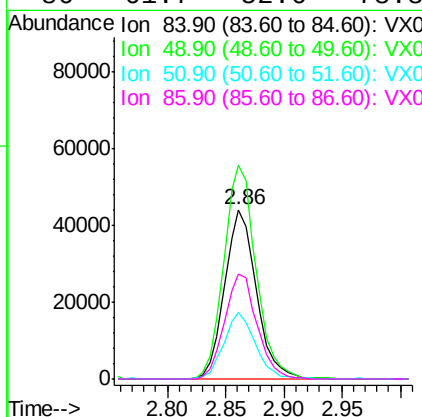
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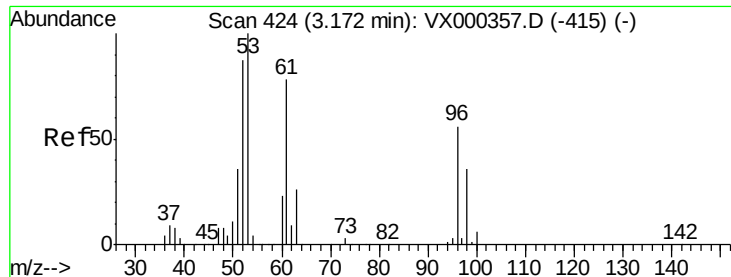
sam
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#20
Methylene Chloride
Concen: 50.38 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.9	100.6	151.0
51	39.3	31.6	47.4
86	61.7	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 52.01 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

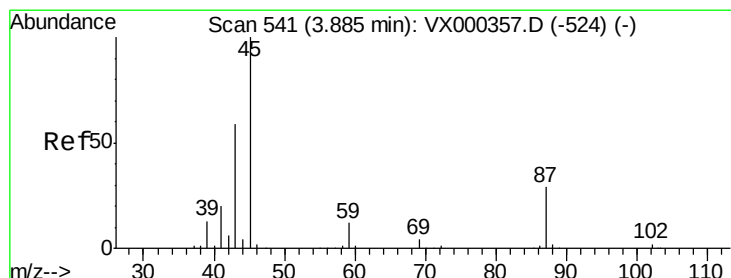
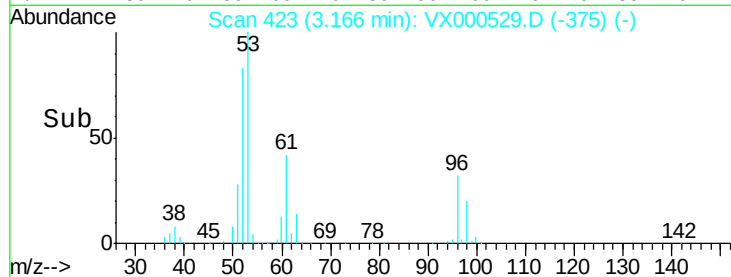
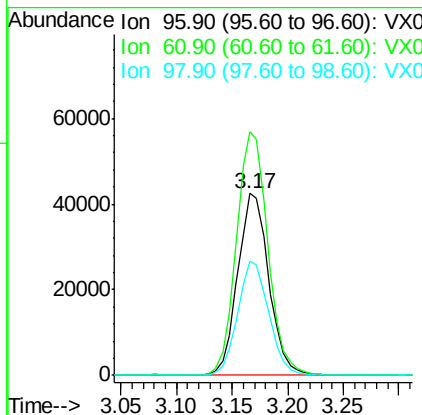
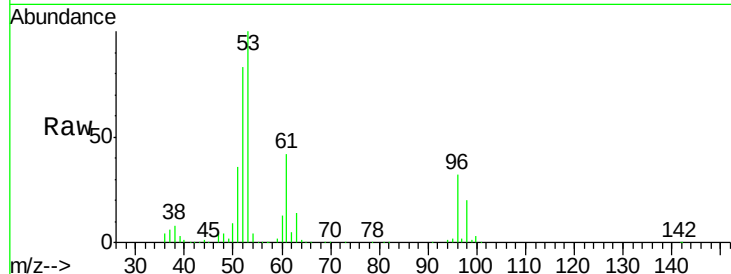
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	82691
Ion	Ratio	Lower	Upper
96	100		
61	133.7	104.0	156.0
98	62.6	52.1	78.1

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 43.09 ug/l

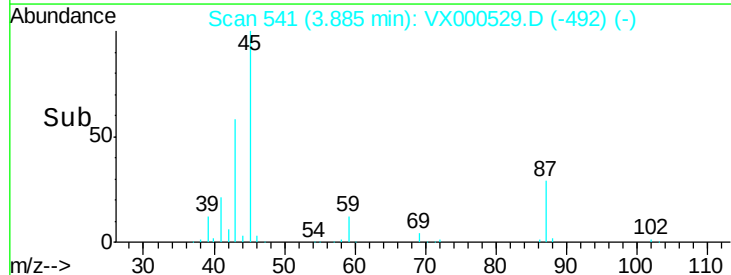
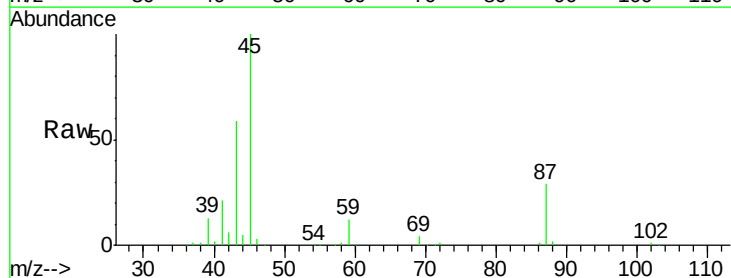
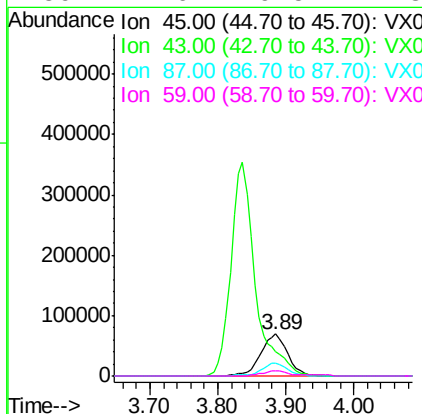
RT: 3.89 min Scan# 541

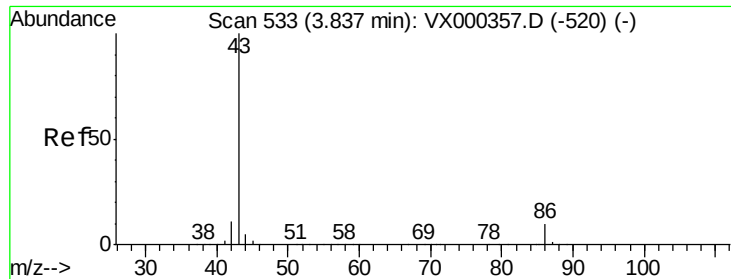
Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Tgt Ion:	45	Resp:	191974
Ion	Ratio	Lower	Upper
45	100		
43	58.6	53.9	80.9
87	29.2	22.6	34.0
59	11.6	9.5	14.3





#23

Vinyl Acetate

Concen: 209.38 ug/l

RT: 3.84 min Scan# 533

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 884317

Ion Ratio Lower Upper

43 100

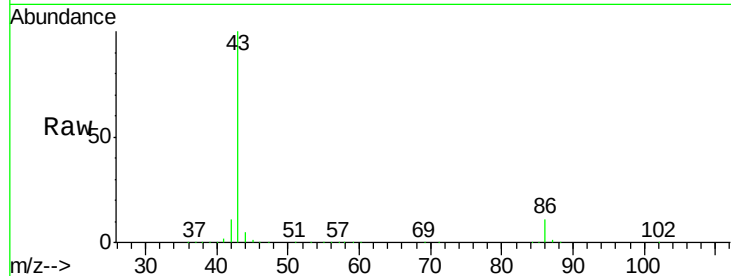
86 10.7 8.6 12.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.84

400000

300000

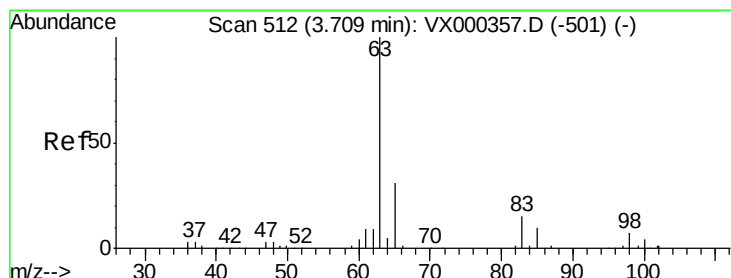
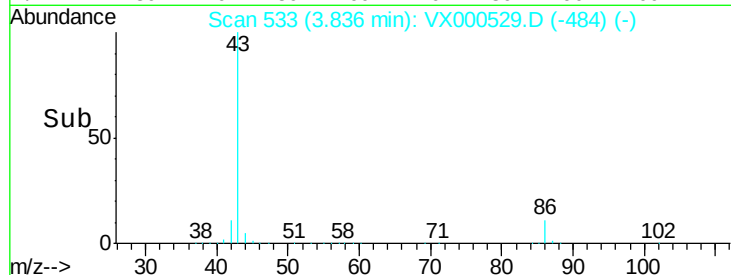
200000

100000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 36.51 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

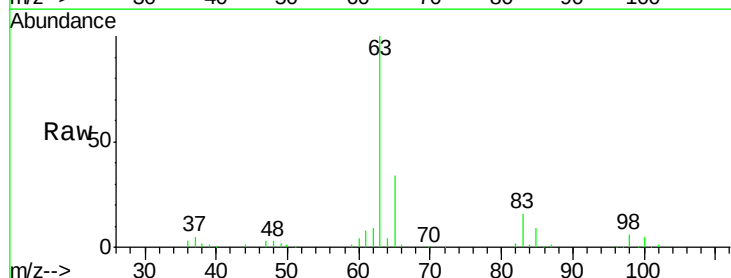
Tgt Ion: 63 Resp: 102256

Ion Ratio Lower Upper

63 100

98 6.3 3.3 9.9

100 5.0 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

40000

30000

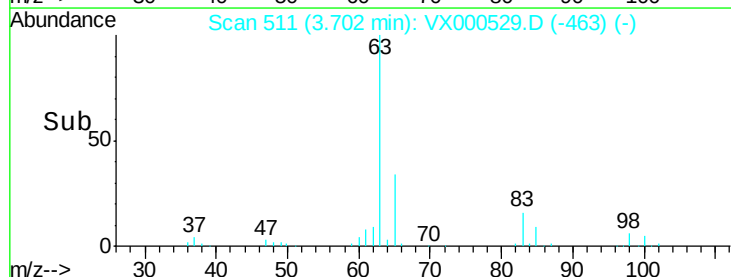
20000

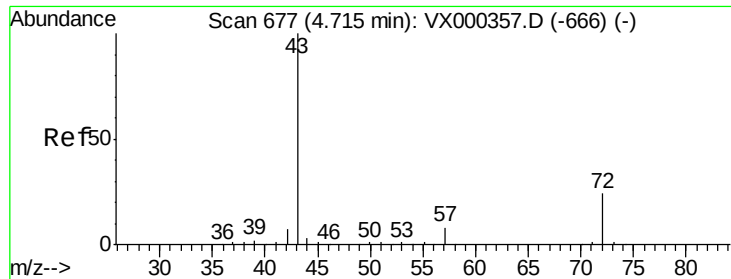
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 219.56 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 352367

Ion Ratio Lower Upper

43 100

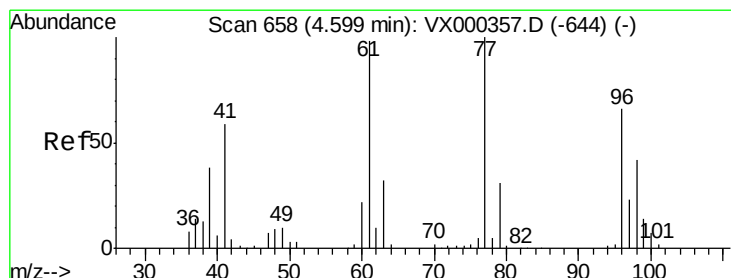
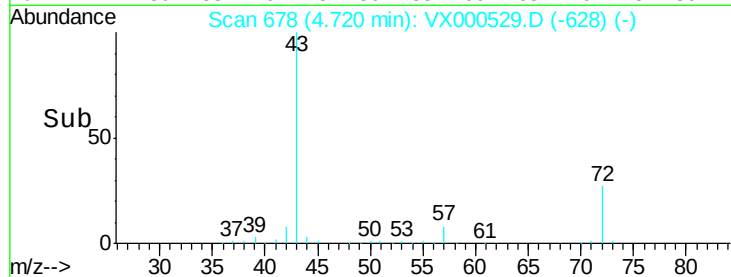
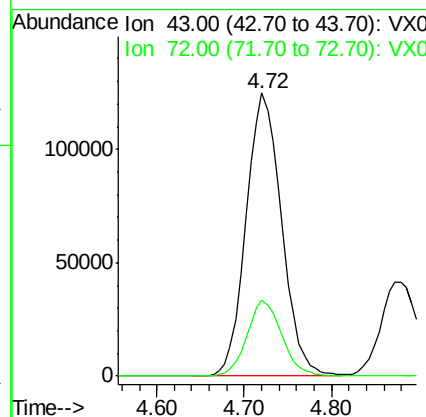
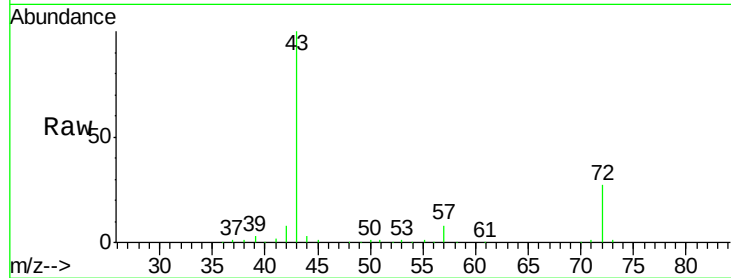
72 26.9 21.0 31.6

Manual Integrations

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sam

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#26

2,2-Dichloropropane

Concen: 40.99 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX000529.D

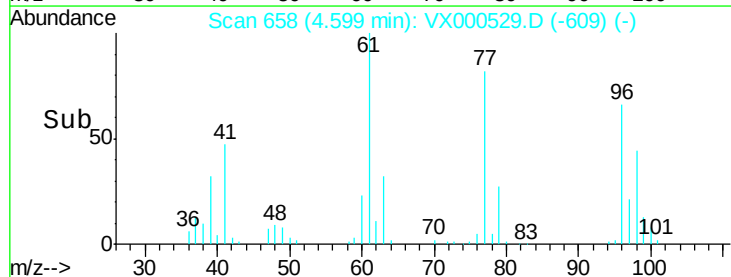
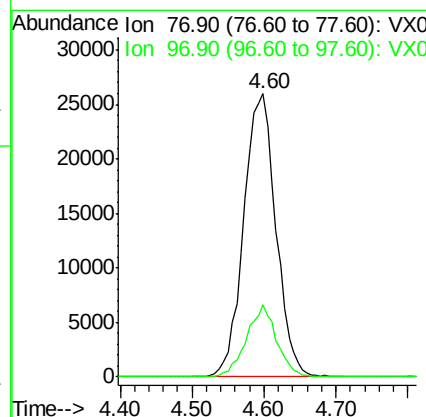
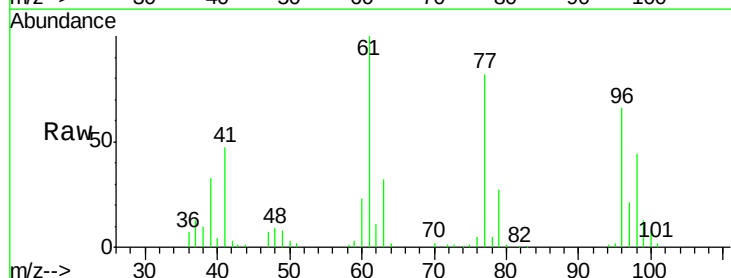
Acq: 29 Mar 2018 22:22

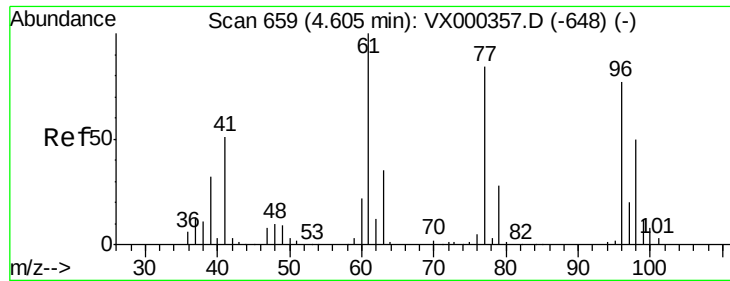
Tgt Ion: 77 Resp: 80469

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.8





#27

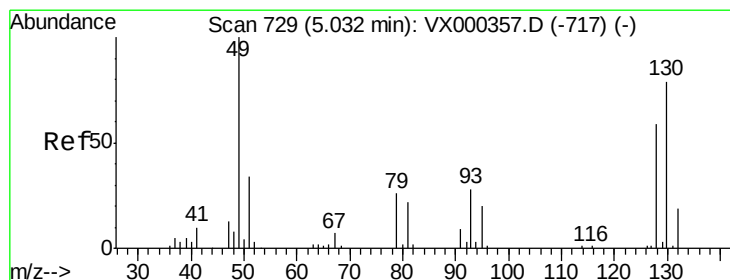
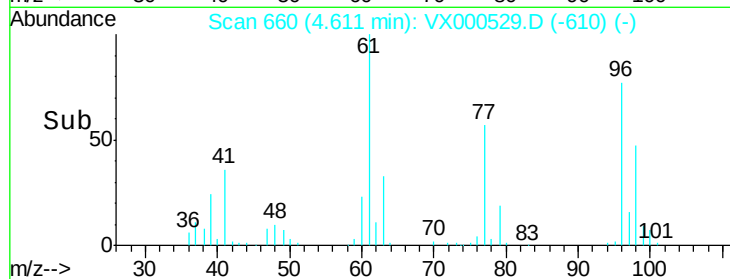
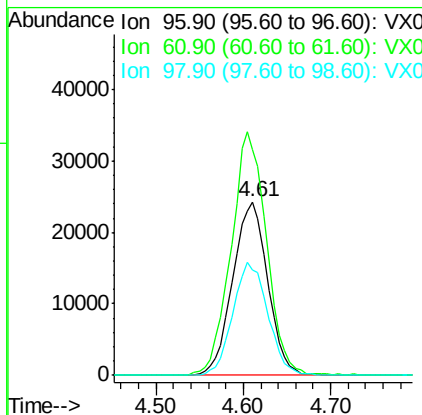
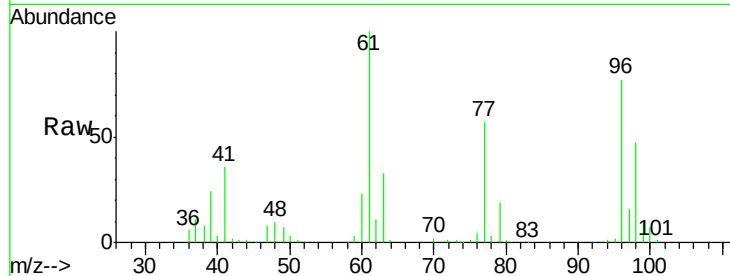
cis-1,2-Dichloroethene
Concen: 45.44 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.01 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	67515		
61	141.7		0.0	291.6
98	65.0		0.0	132.0

Manual Integrations
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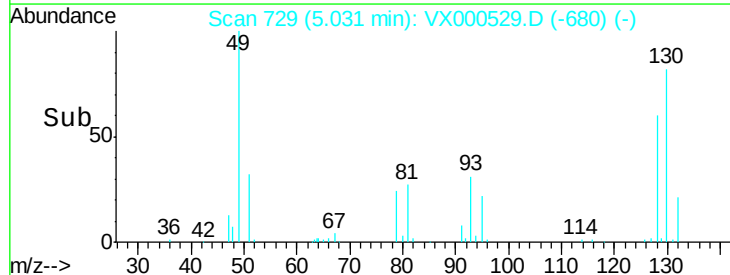
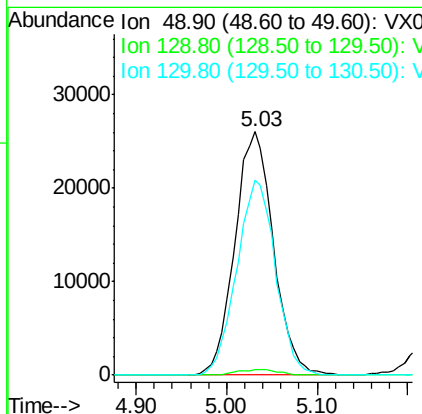
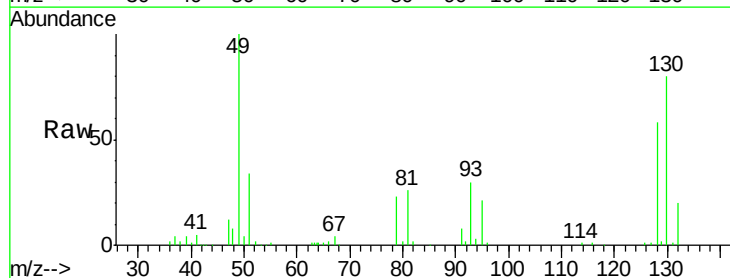
sam
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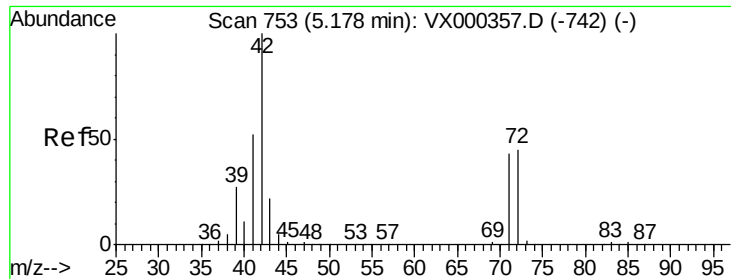


#28

Bromochloromethane
Concen: 66.45 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	76751		
129	2.4		0.0	5.0
130	80.6		64.0	96.0





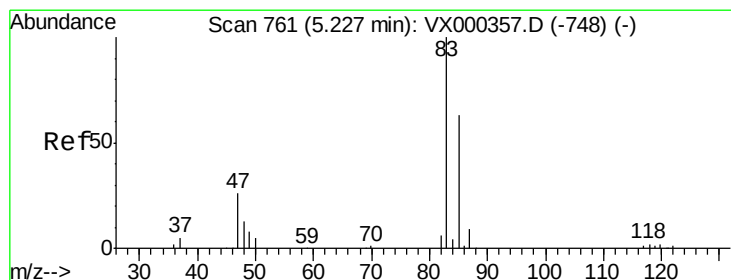
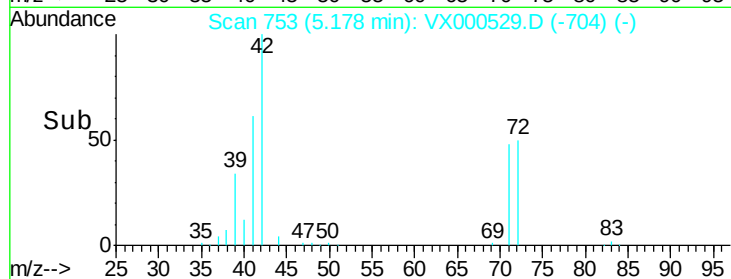
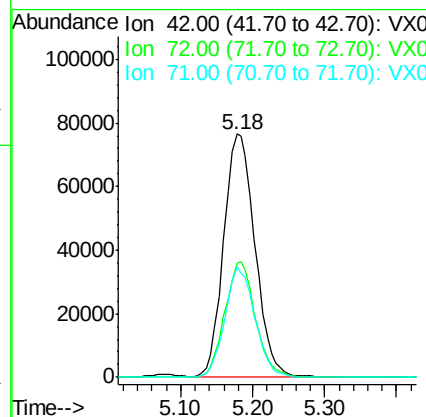
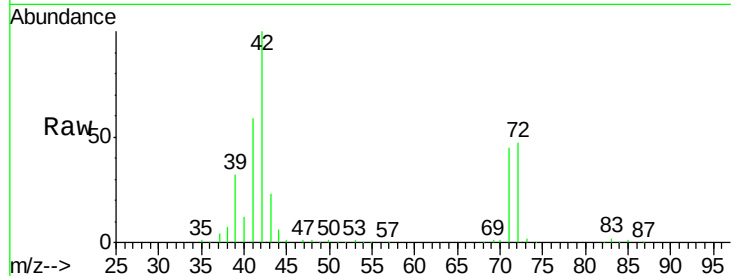
#29
Tetrahydrofuran
Concen: 233.84 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.5	37.9	56.9
71	43.4	34.4	51.6

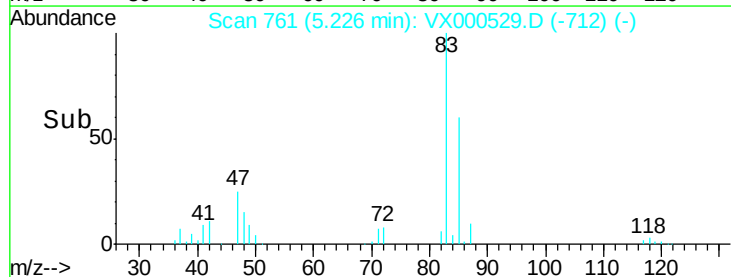
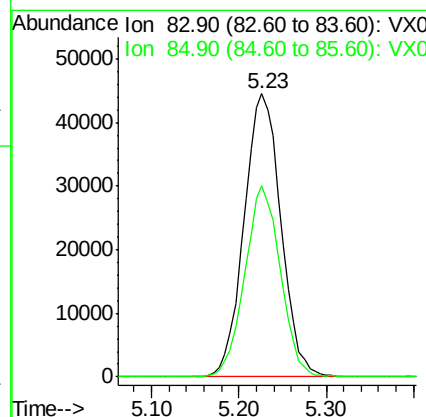
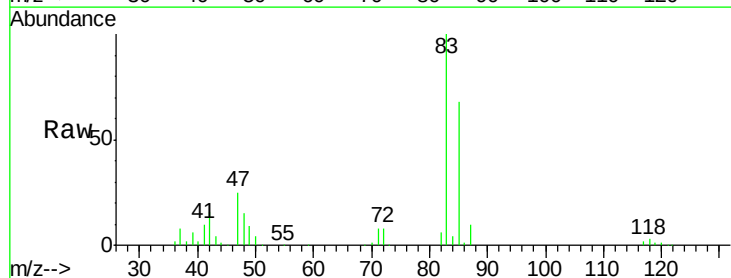
Manual Integrations
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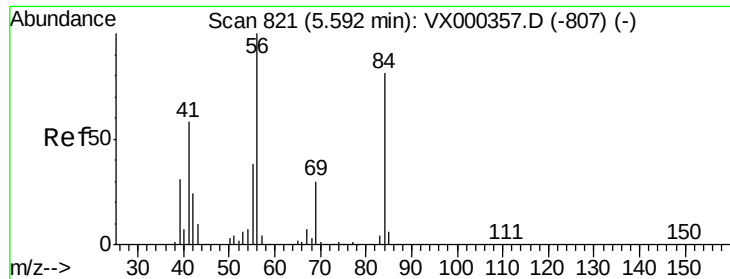
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#30
Chloroform
Concen: 49.71 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.6	53.3	79.9





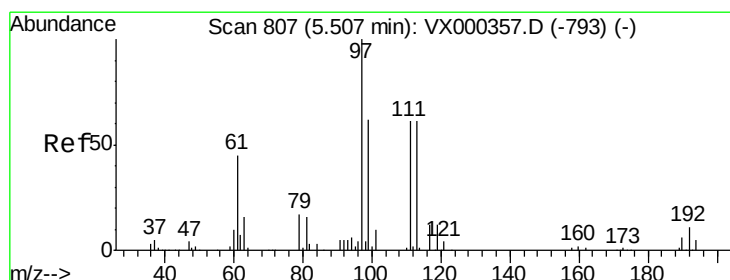
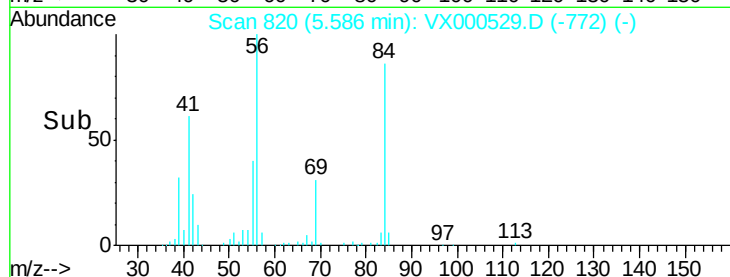
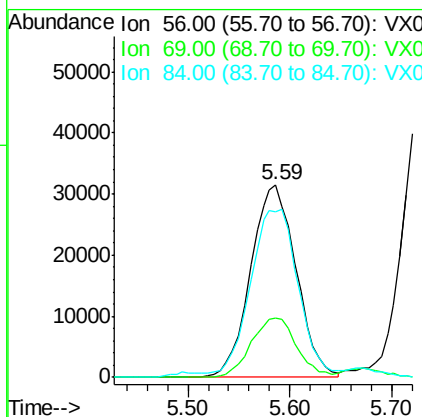
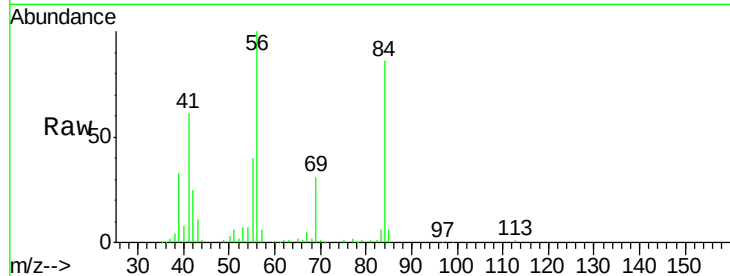
#31
Cyclohexane
Concen: 44.81 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.01 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.4	35.0
84	84.2	71.0	106.4

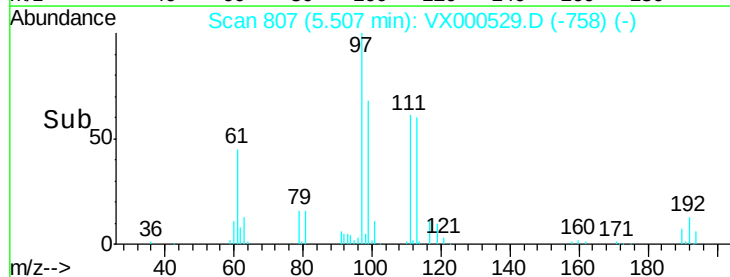
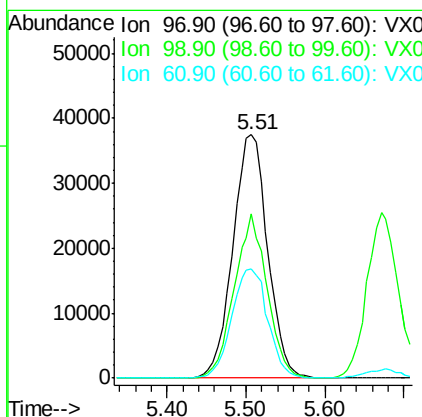
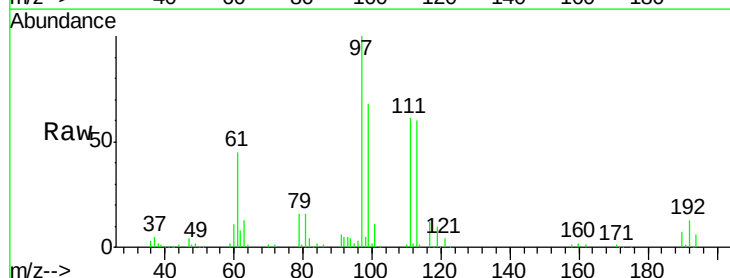
Manual Integrations
APPROVED

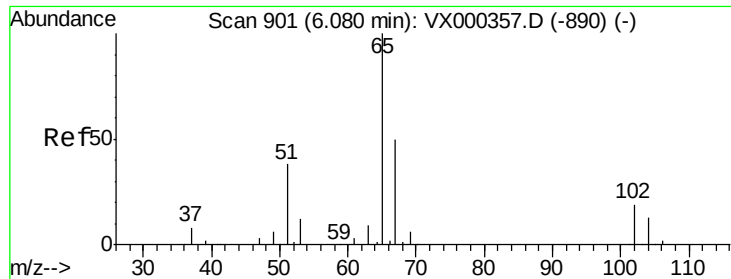
sam
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#32
1,1,1-Trichloroethane
Concen: 48.45 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	52.1	78.1
61	46.3	36.2	54.4





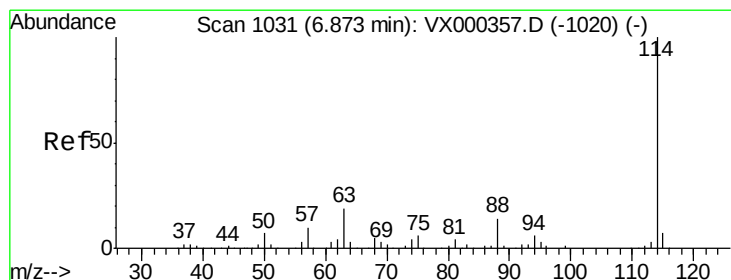
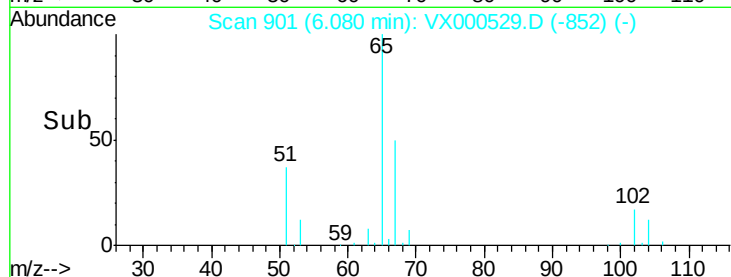
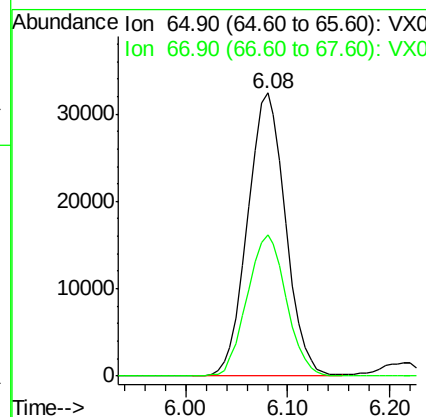
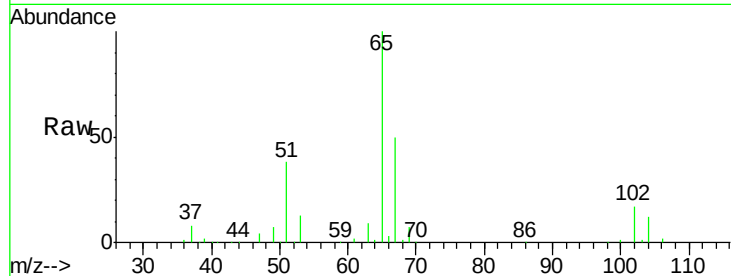
#33
 1,2-Dichloroethane-d4
 Concen: 48.94 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	103.2

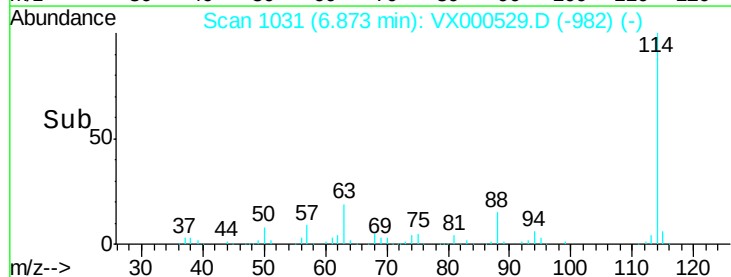
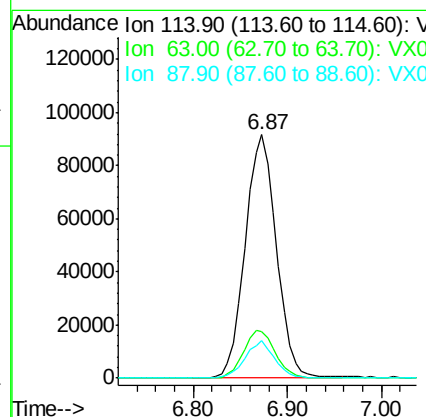
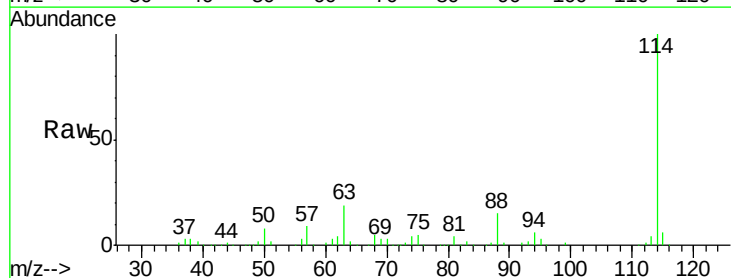
Manual Integrations
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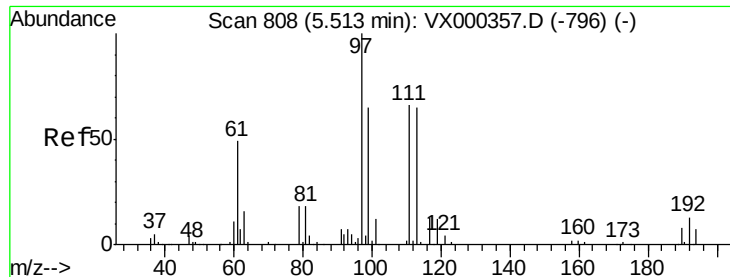
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	38.4
88	15.3	0.0	27.0





#35

Dibromofluoromethane

Concen: 49.93 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:113 Resp: 67053

Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

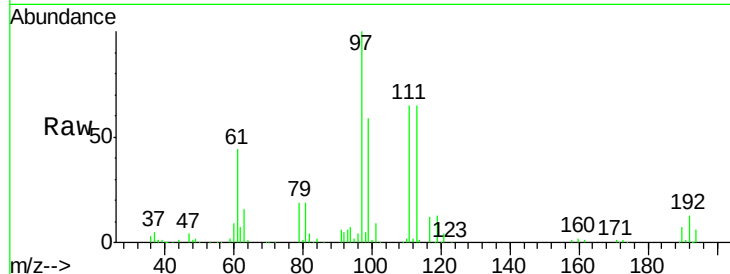
192 20.9 15.8 23.6

Manual Integrations

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sam

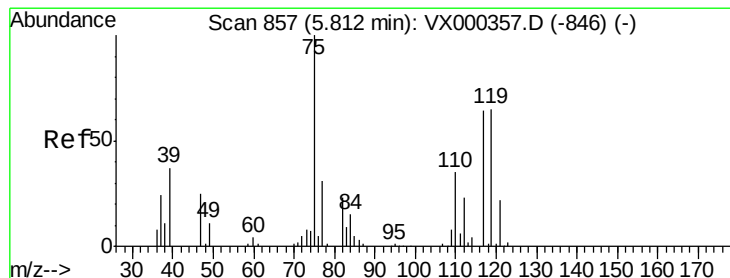
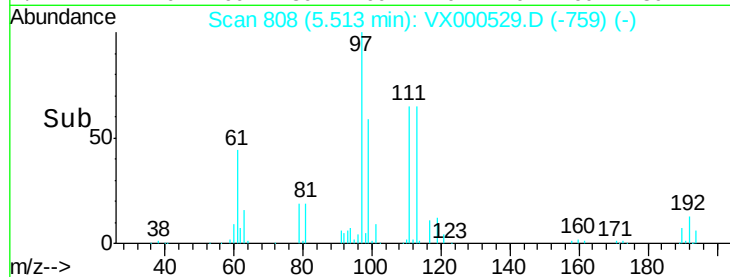
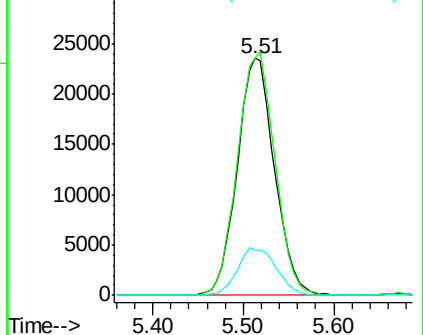
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.16 ug/l

RT: 5.81 min Scan# 857

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

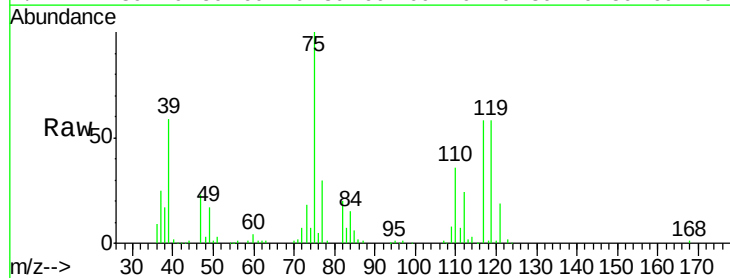
Tgt Ion: 75 Resp: 90157

Ion Ratio Lower Upper

75 100

110 36.9 17.9 53.7

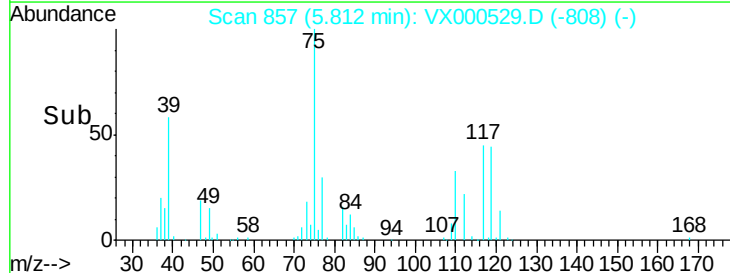
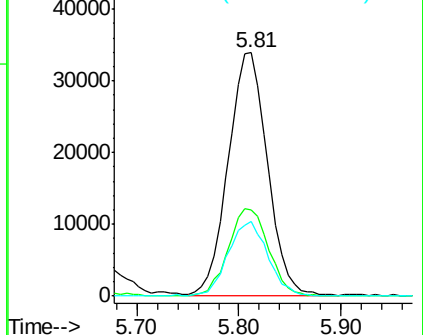
77 31.3 24.0 36.0

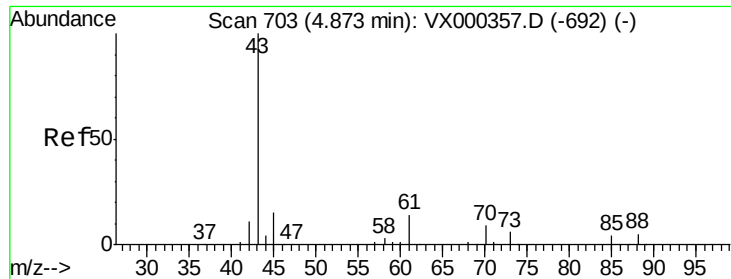


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





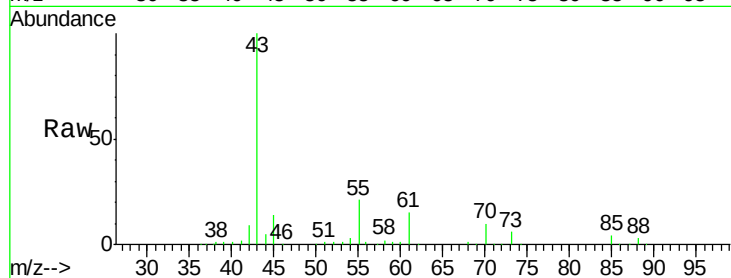
#37
Ethyl Acetate
Concen: 45.34 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

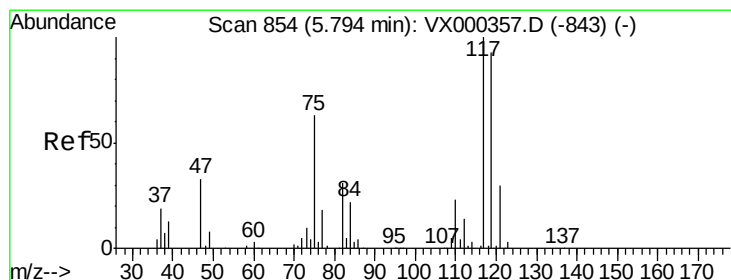
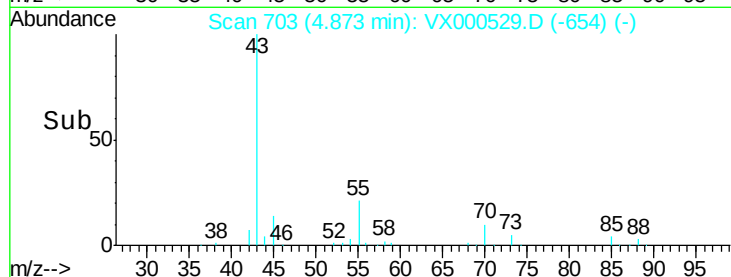
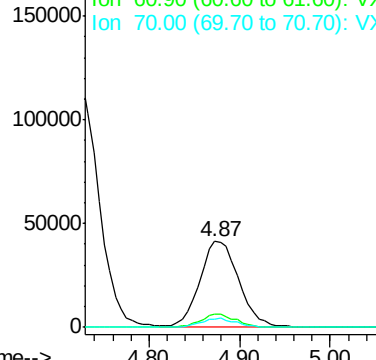
Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	9.7	7.7	11.5

Manual Integrations
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sam
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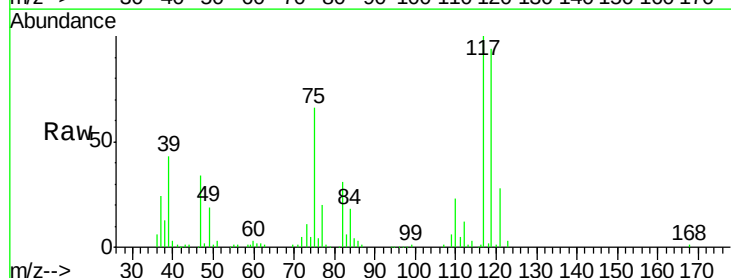


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

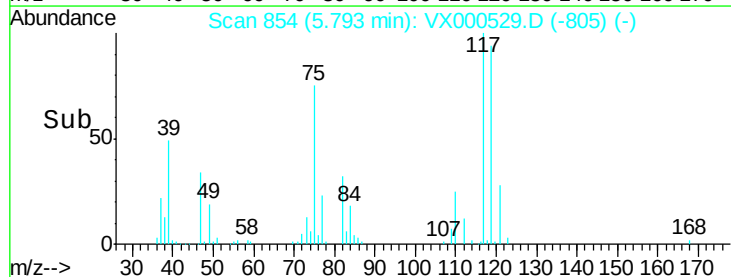
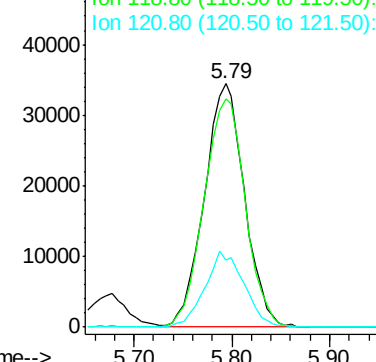


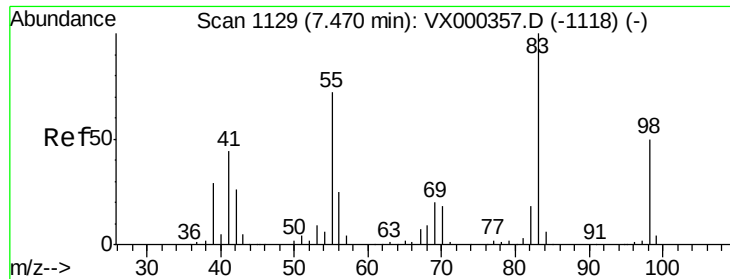
#38
Carbon Tetrachloride
Concen: 46.79 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.4	116.2
121	27.6	24.8	37.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





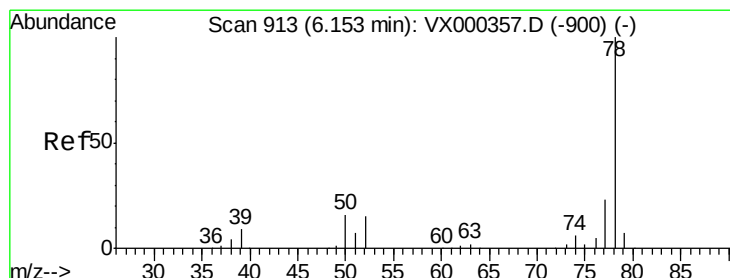
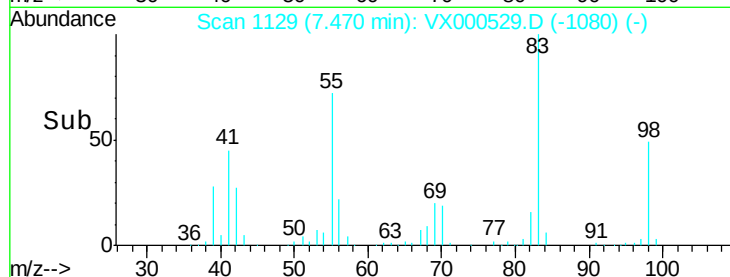
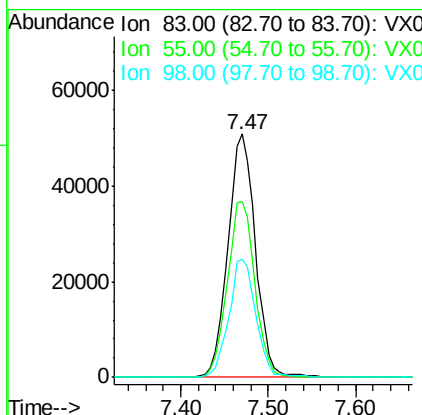
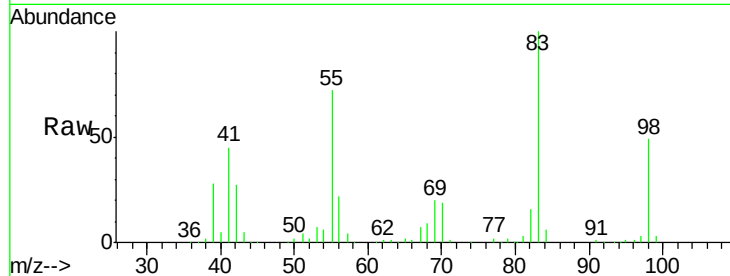
#39
Methylvlcyclohexane
Concen: 45.89 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	111427
Ion	Ratio	Lower	Upper
83	100		
55	71.8	55.5	83.3
98	48.8	38.2	57.4

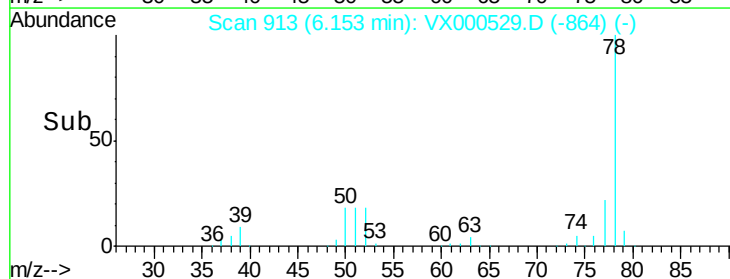
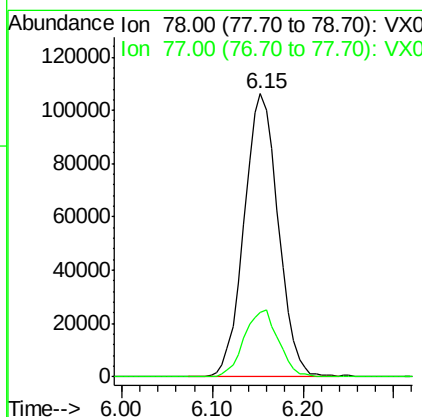
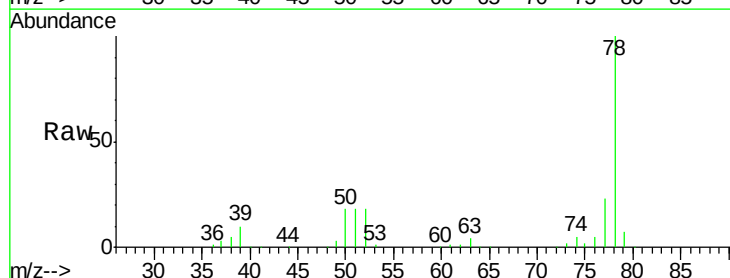
Manual Integrations
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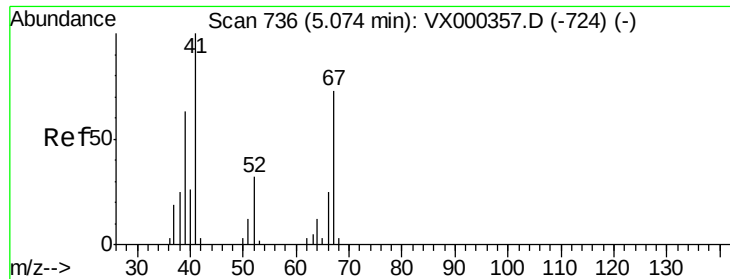
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#40
Benzene
Concen: 47.82 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	78	Resp	277251
Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.7	28.1





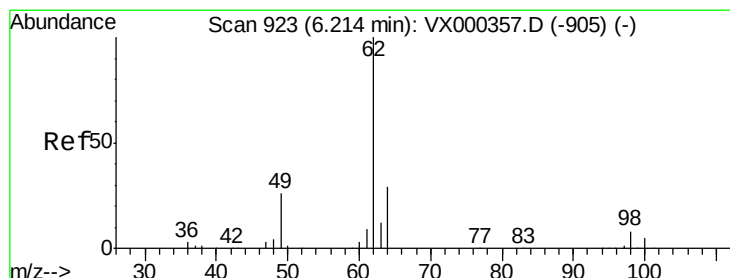
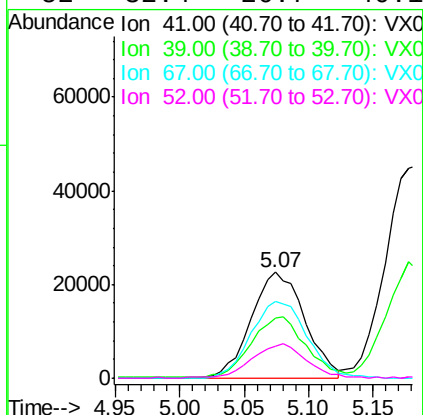
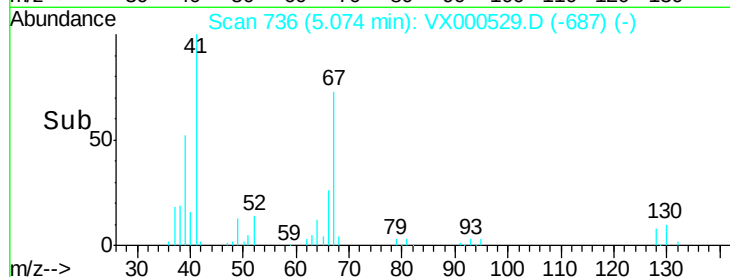
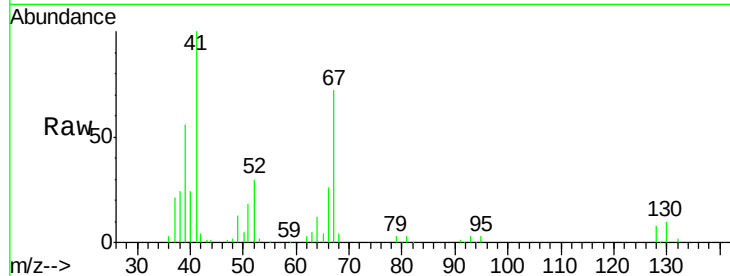
#41
Methacrylonitrile
Concen: 45.35 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	65199
Ion	Ratio	Lower	Upper
41	100		
39	58.4	45.7	68.5
67	76.5	57.8	86.8
52	32.4	26.7	40.1

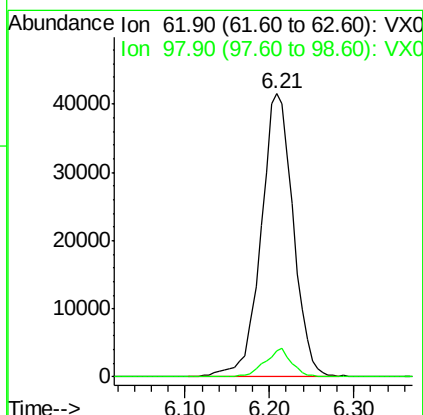
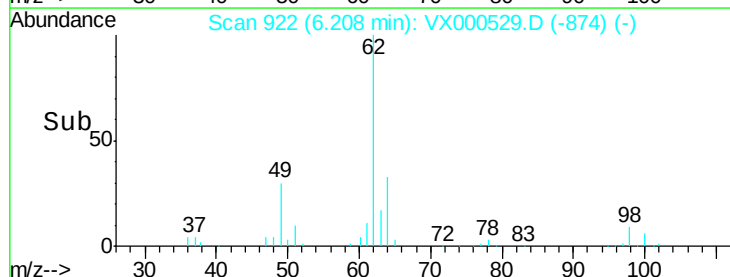
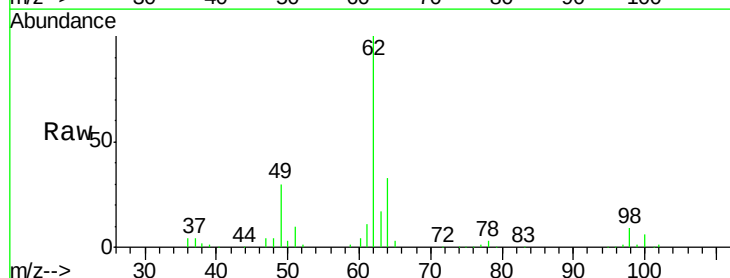
Manual Integrations
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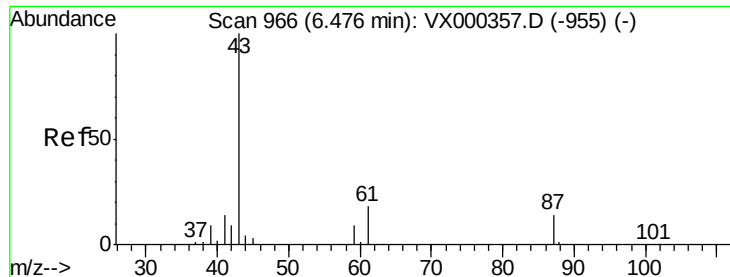
sam
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#42
1,2-Dichloroethane
Concen: 48.12 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.01 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion:	62	Resp:	109459
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8





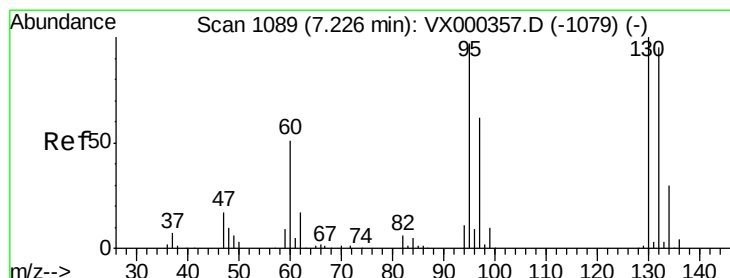
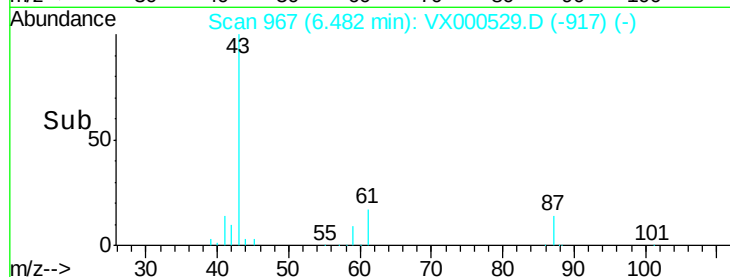
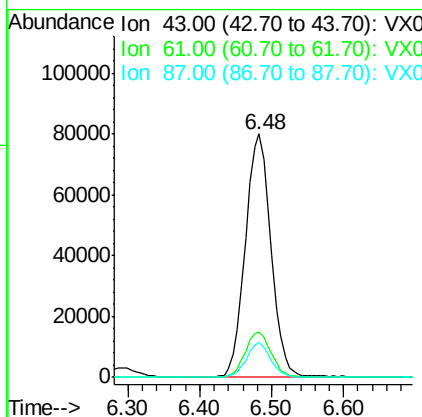
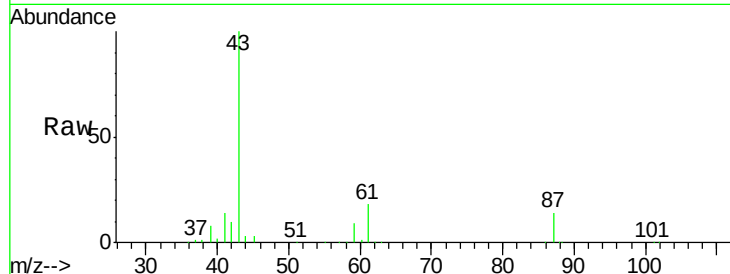
#43
Isopropyl Acetate
Concen: 48.64 ug/l
RT: 6.48 min Scan# 967
Delta R.T. 0.01 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.4	21.6
87	13.2	11.0	16.4

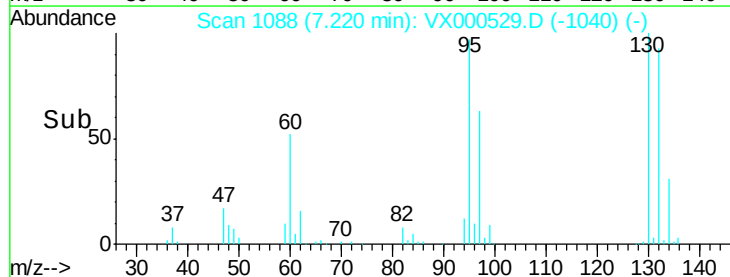
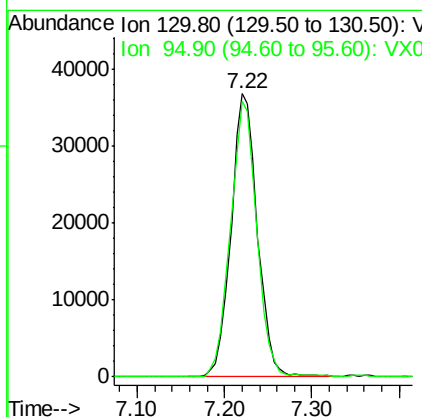
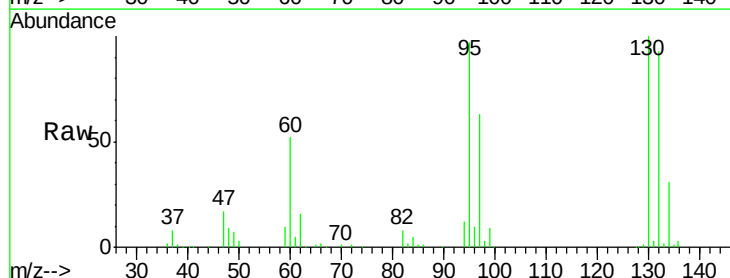
Manual Integrations
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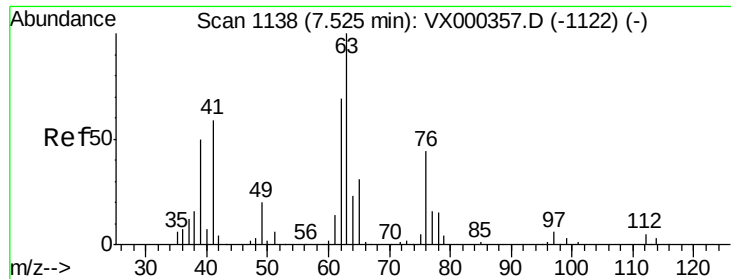
sam
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#44
Trichloroethene
Concen: 46.43 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	186.0





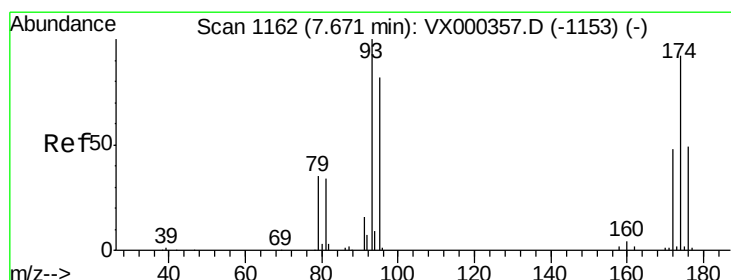
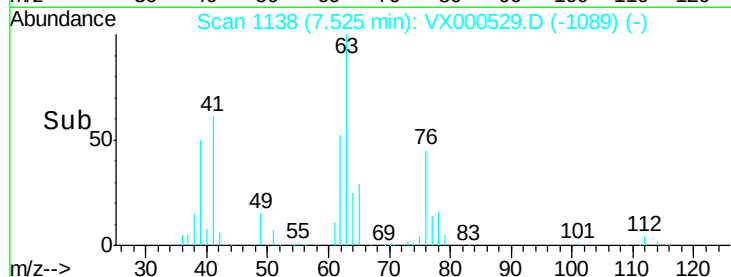
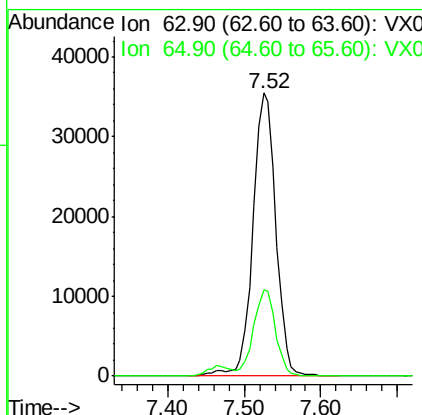
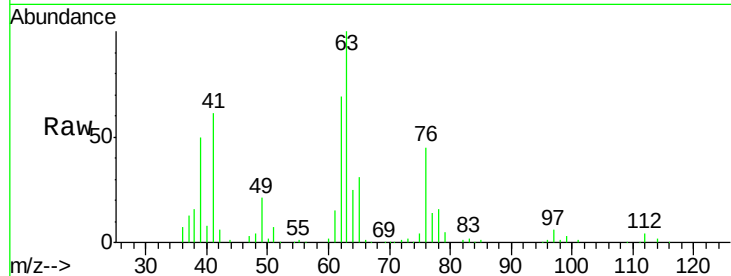
#45
 1,2-Dichloropropane
 Concen: 50.17 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 74456
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.6 36.8

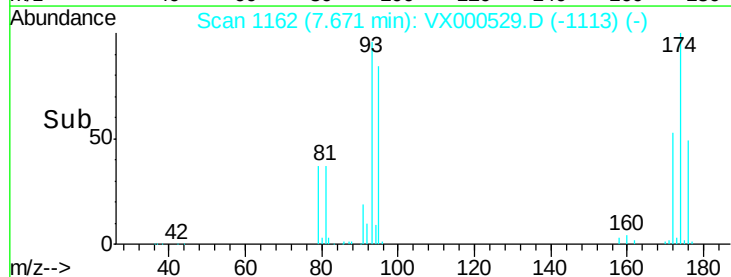
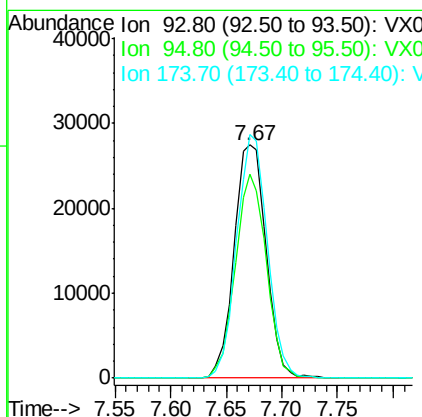
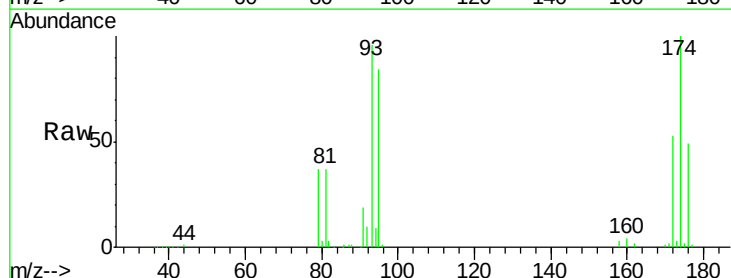
Manual Integrations
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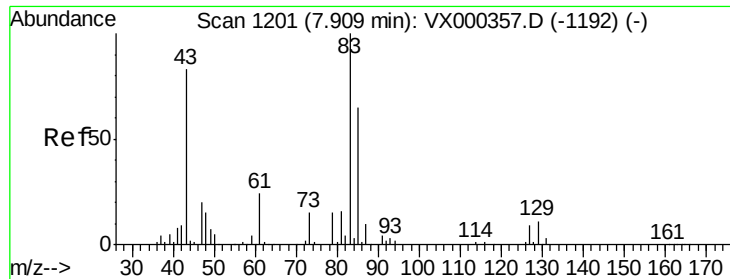
sam
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#46
 Dibromomethane
 Concen: 46.83 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion: 93 Resp: 54555
 Ion Ratio Lower Upper
 93 100
 95 84.9 66.5 99.7
 174 100.6 76.0 114.0





#47

Bromodichloromethane

Concen: 50.38 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

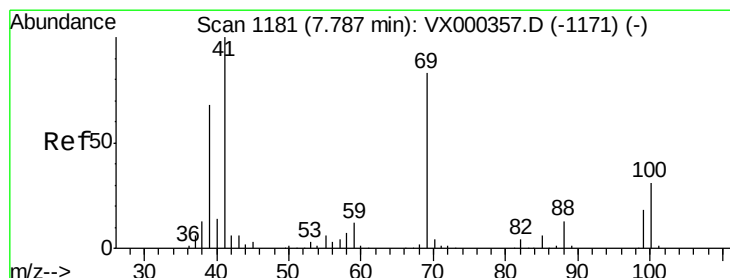
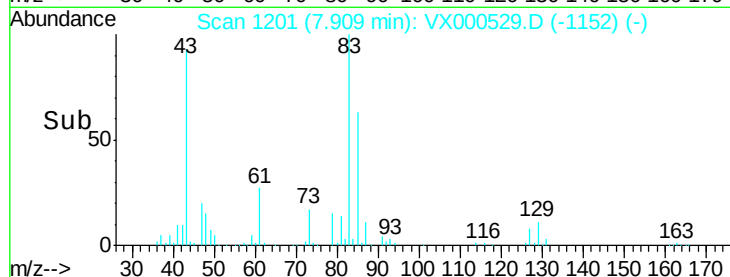
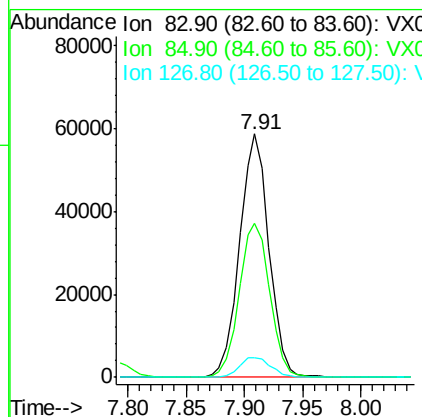
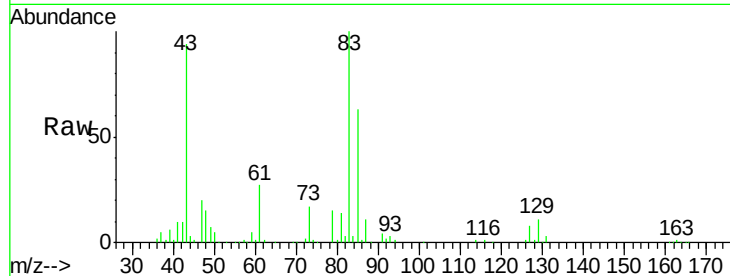
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	103263
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.4	77.0
127	7.9	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.72 ug/l

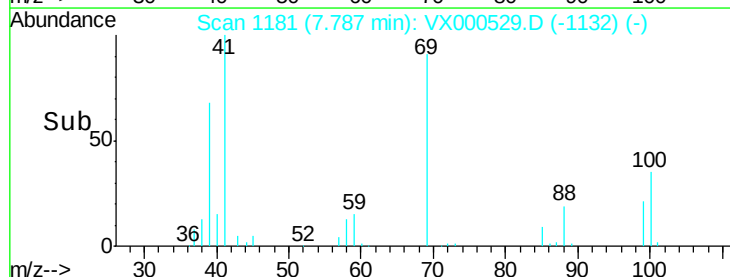
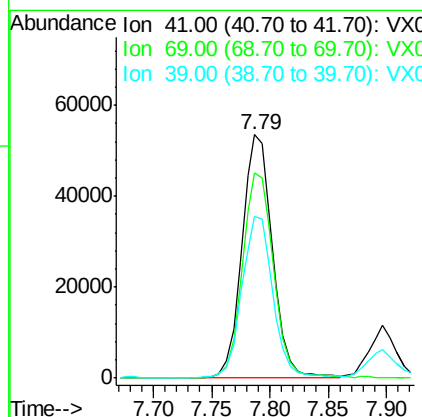
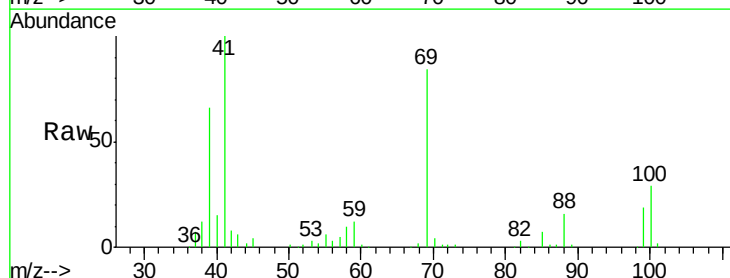
RT: 7.79 min Scan# 1181

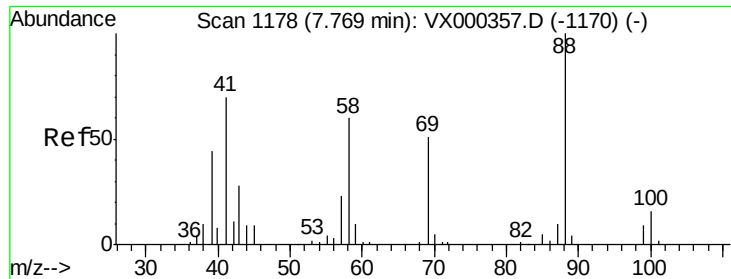
Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Tgt Ion:	41	Resp:	97987
Ion	Ratio	Lower	Upper
41	100		
69	85.9	68.2	102.4
39	67.2	54.6	81.8





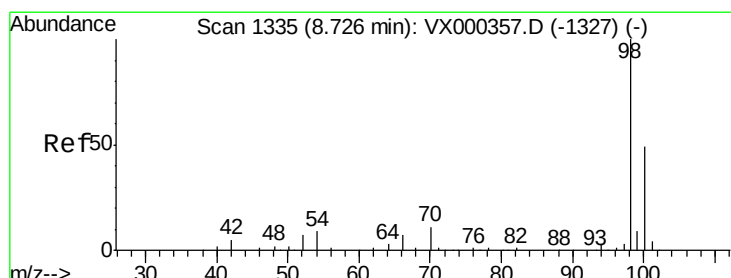
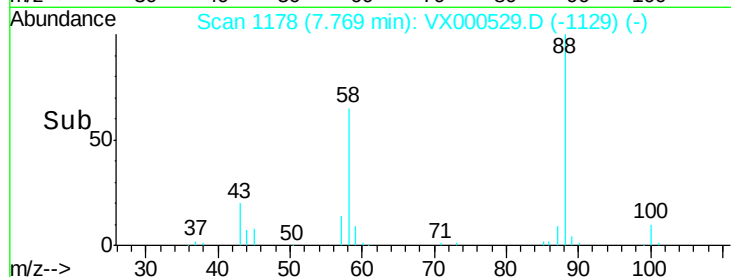
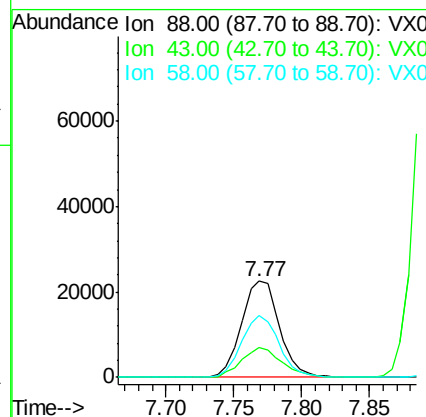
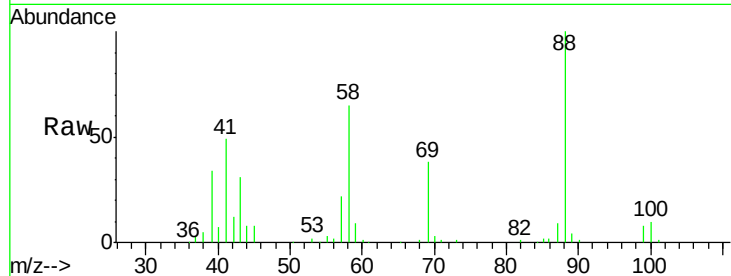
#49
1,4-Dioxane
Concen: 1063.57 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	26.8	40.2
58	63.7	52.2	78.2

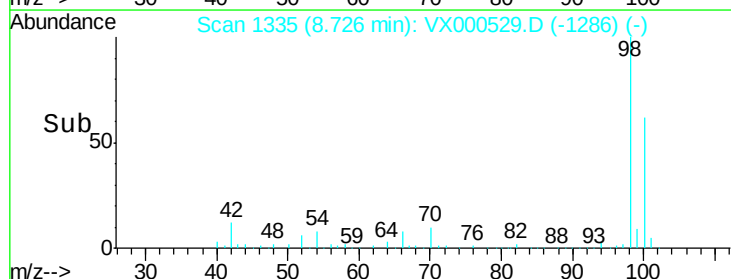
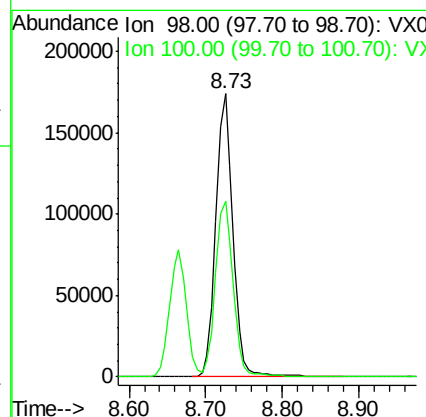
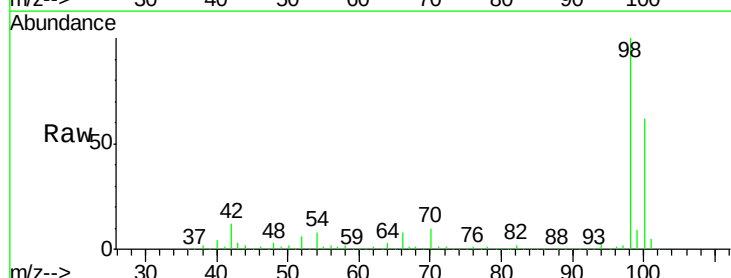
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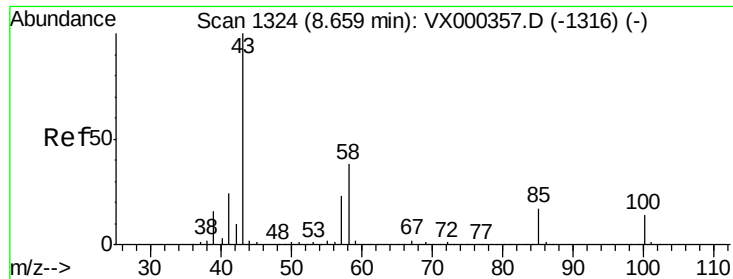
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#50
Toluene-d8
Concen: 48.54 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 251.20 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 789345

Ion Ratio Lower Upper

43 100

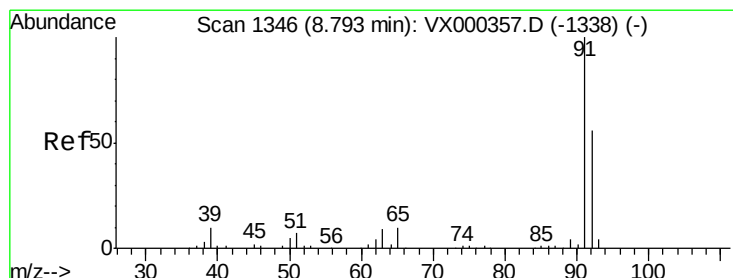
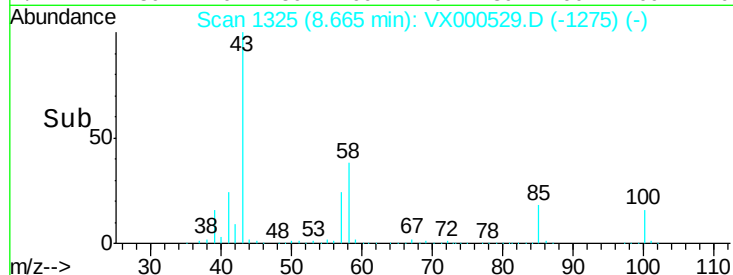
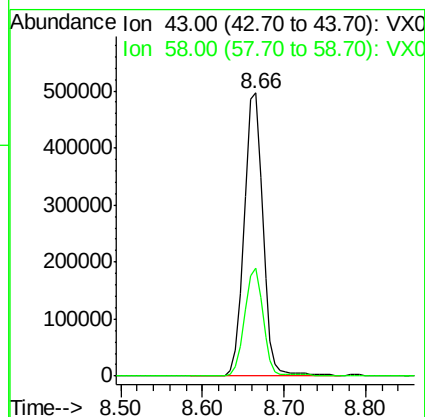
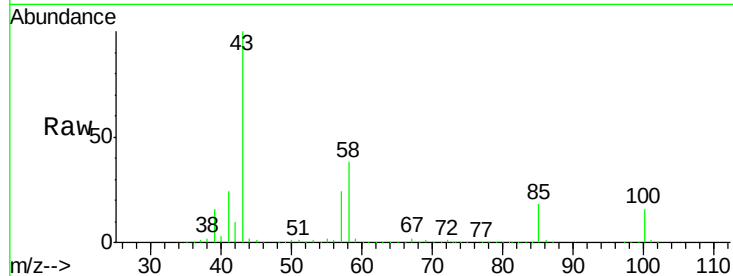
58 37.3 30.3 45.5

Manual Integrations

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sam

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#52

Toluene

Concen: 49.44 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000529.D

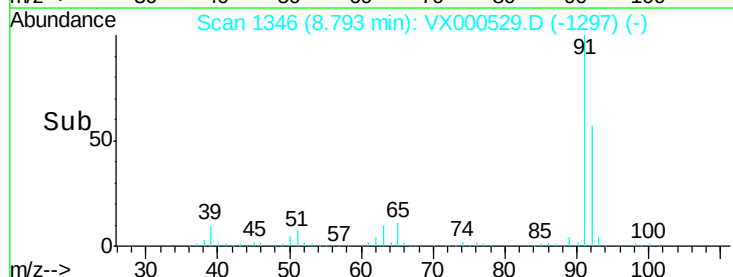
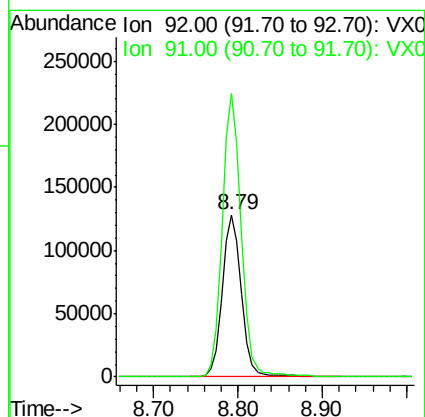
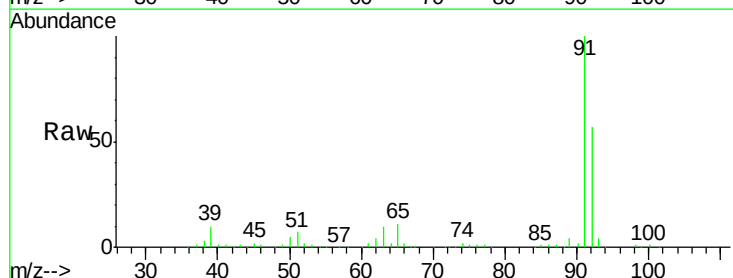
Acq: 29 Mar 2018 22:22

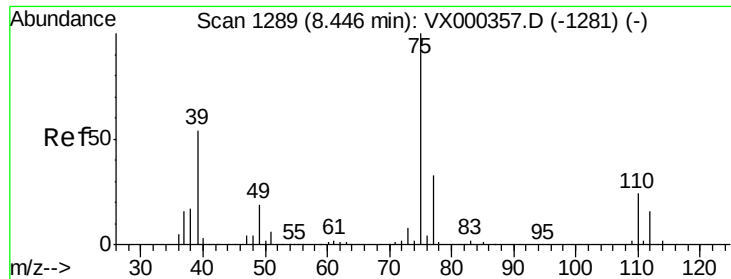
Tgt Ion: 92 Resp: 200391

Ion Ratio Lower Upper

92 100

91 174.4 140.2 210.2





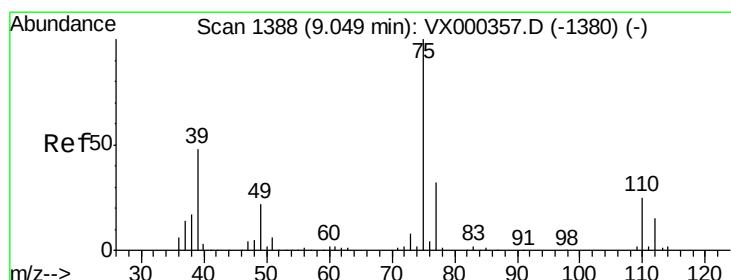
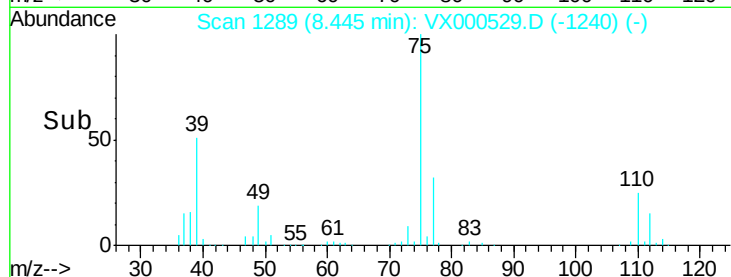
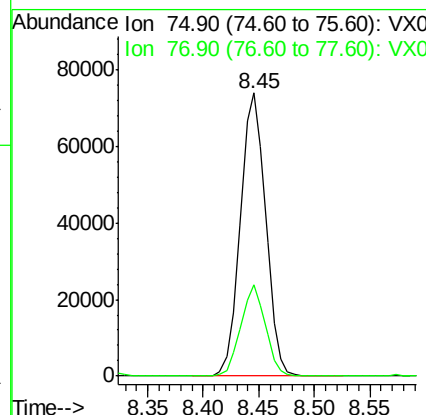
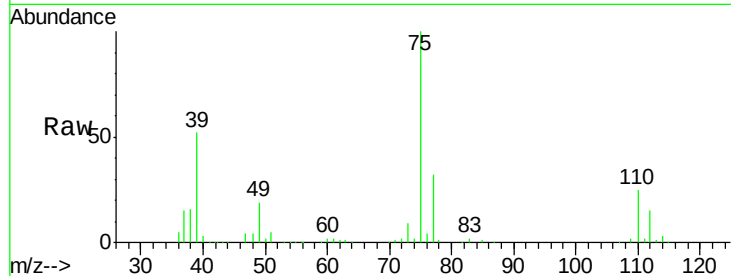
#53
t-1,3-Dichloropropene
Concen: 49.05 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 116495
Ion Ratio Lower Upper
75 100
77 32.5 24.0 36.0

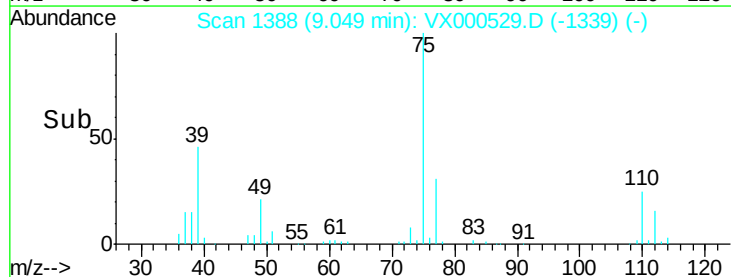
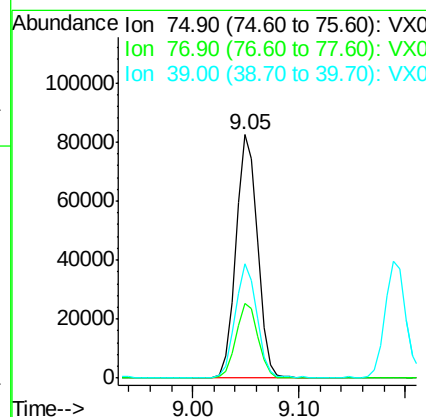
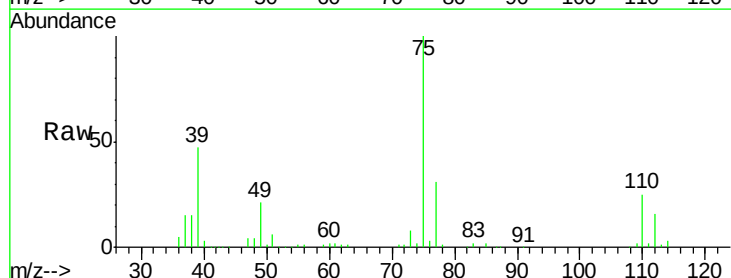
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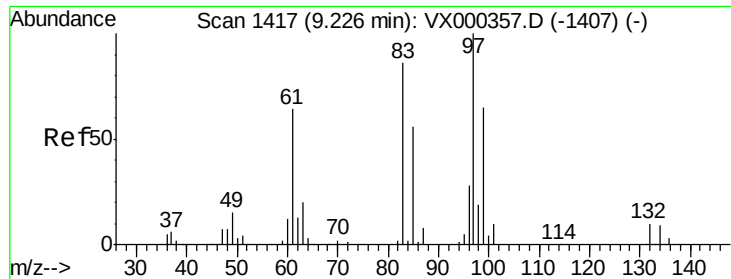
sam
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#54
cis-1,3-Dichloropropene
Concen: 51.07 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion: 75 Resp: 117653
Ion Ratio Lower Upper
75 100
77 30.9 26.1 39.1
39 46.6 39.8 59.6





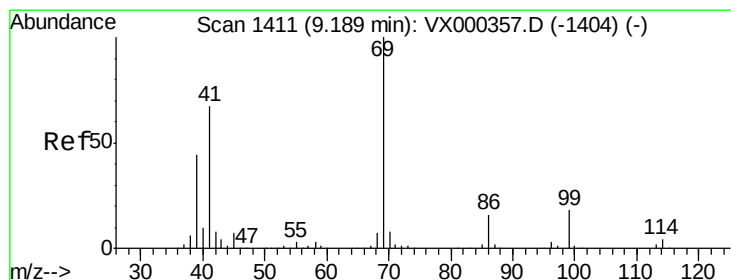
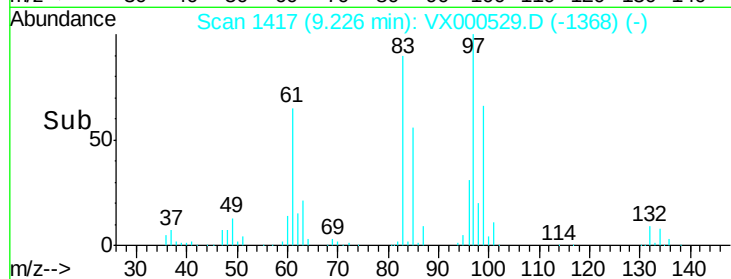
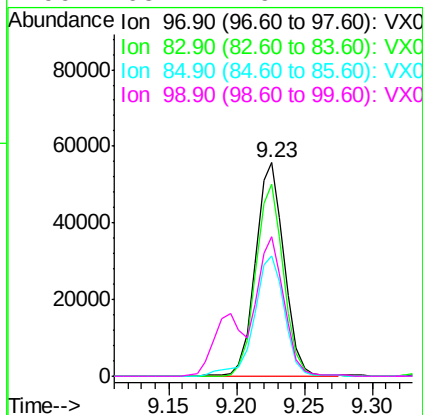
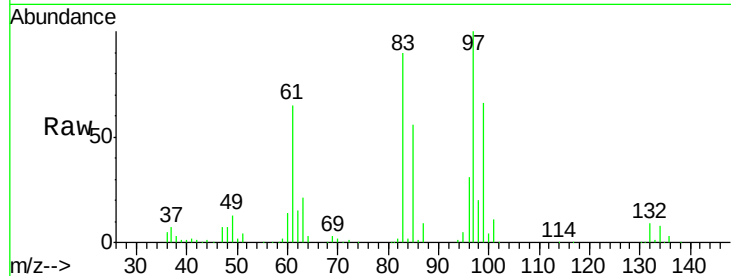
#55
 1,1,2-Trichloroethane
 Concen: 49.46 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	82450
Ion	Ratio	Lower	Upper
97	100		
83	89.8	67.9	101.9
85	56.3	42.8	64.2
99	65.1	49.4	74.2

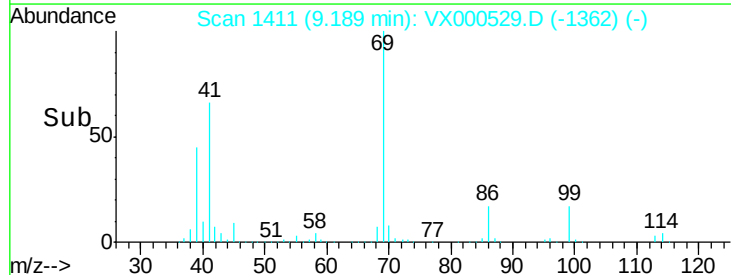
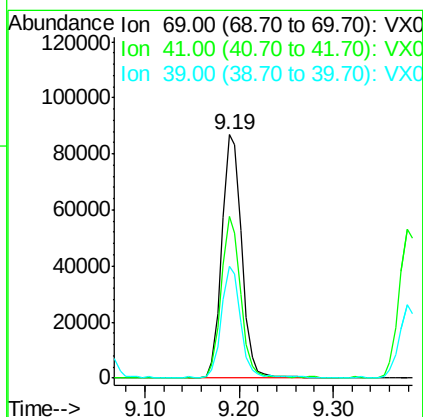
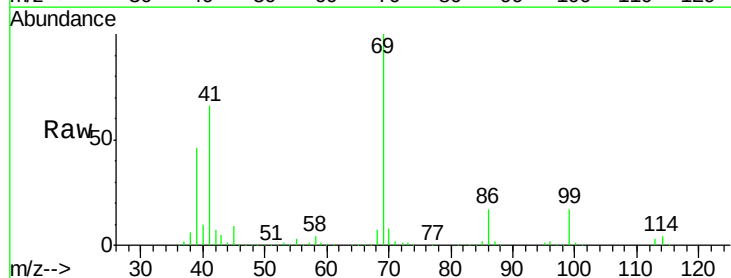
Manual Integrations
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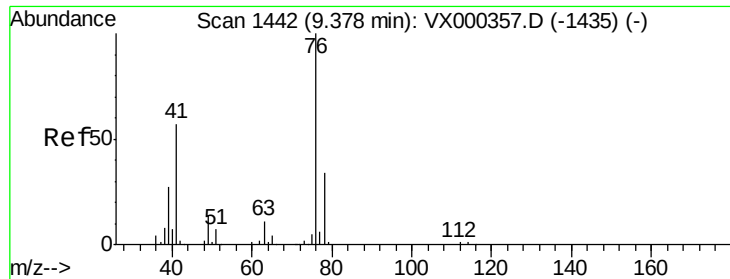
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#56
 Ethyl methacrylate
 Concen: 50.40 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion:	69	Resp:	127300
Ion	Ratio	Lower	Upper
69	100		
41	64.8	53.0	79.6
39	43.7	35.3	52.9





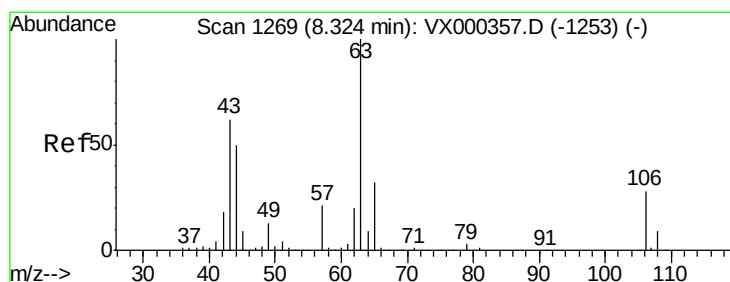
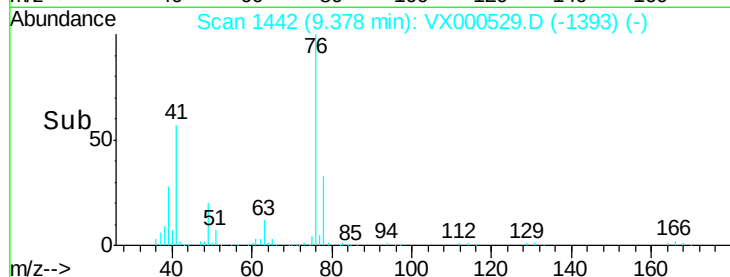
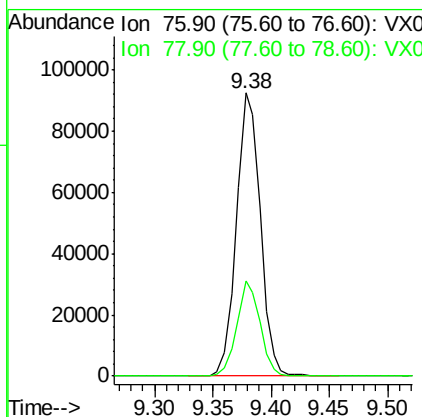
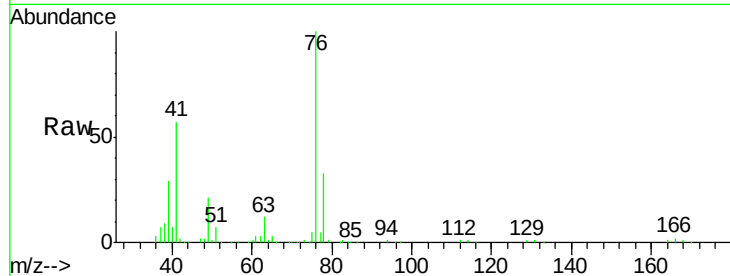
#57
 1,3-Dichloropropane
 Concen: 49.86 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.4	39.6

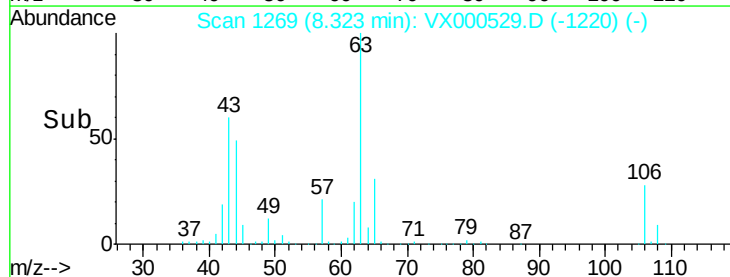
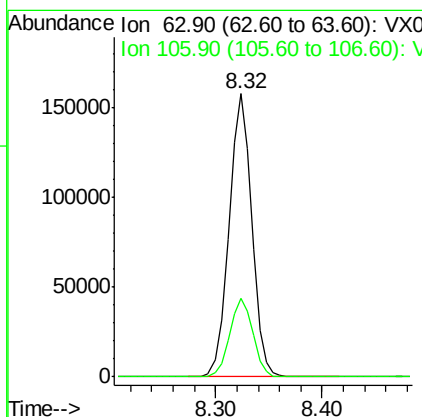
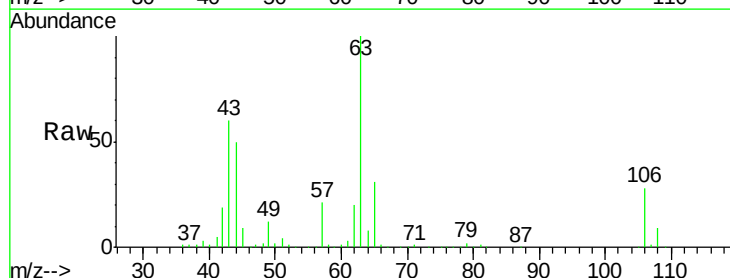
Manual Integrations
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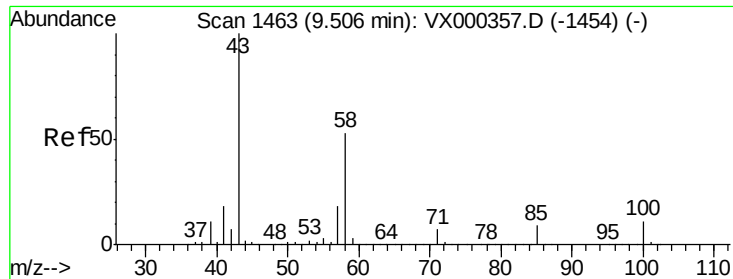
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 194.86 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.3	23.2	34.8





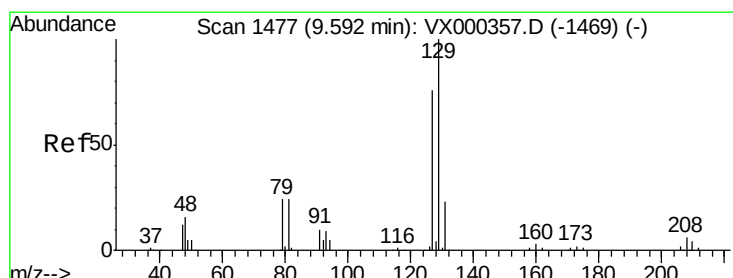
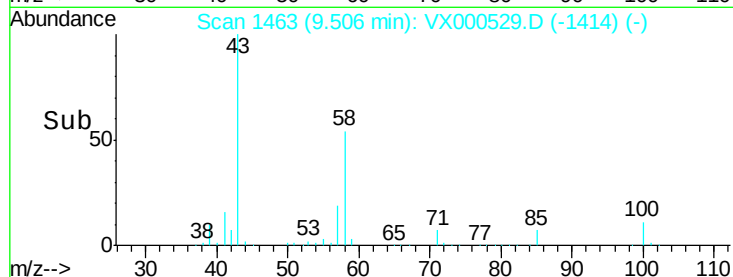
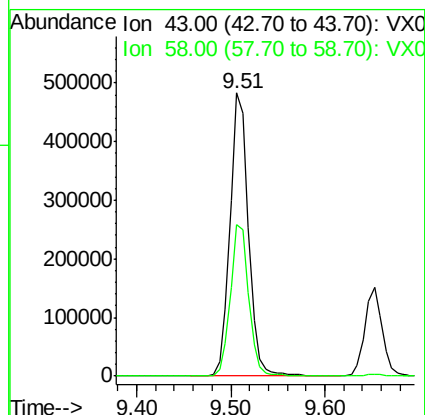
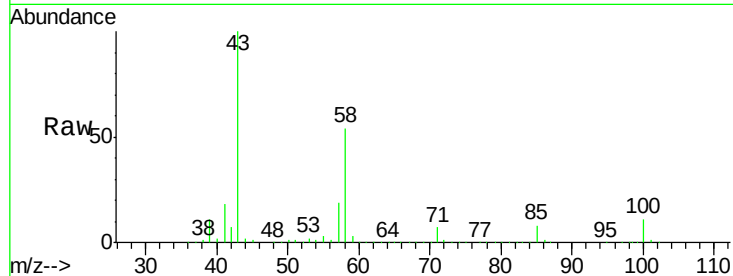
#59
2-Hexanone
Concen: 246.35 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 657309
Ion Ratio Lower Upper
43 100
58 53.7 26.6 79.7

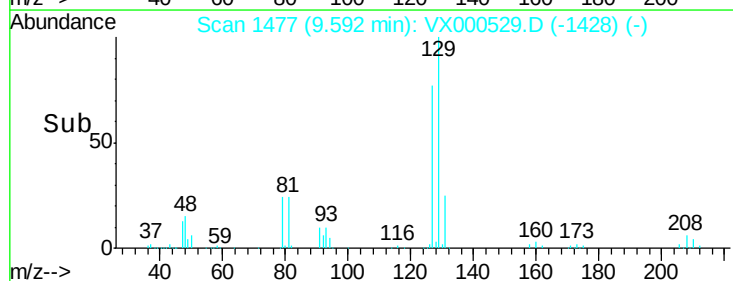
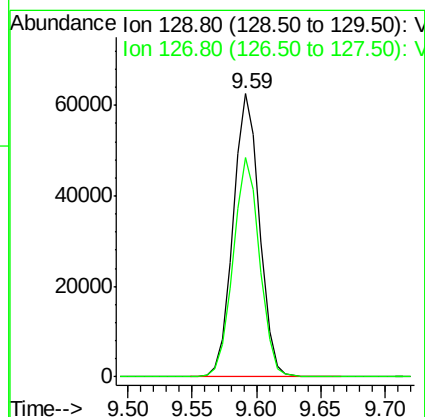
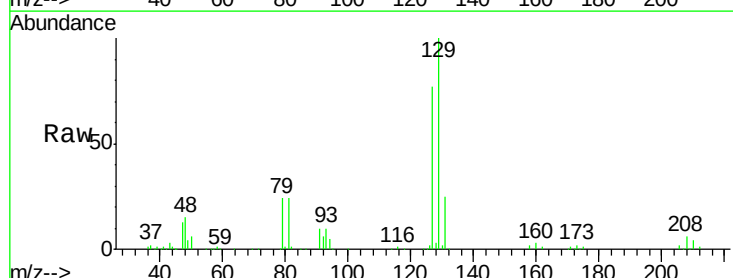
Manual Integrations
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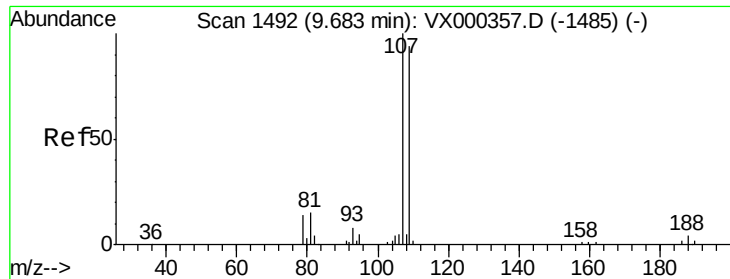
sam
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#60
Dibromochloromethane
Concen: 45.76 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion: 129 Resp: 89509
Ion Ratio Lower Upper
129 100
127 77.8 37.9 113.6





#61

1,2-Dibromoethane

Concen: 51.96 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 92879

Ion Ratio Lower Upper

107 100

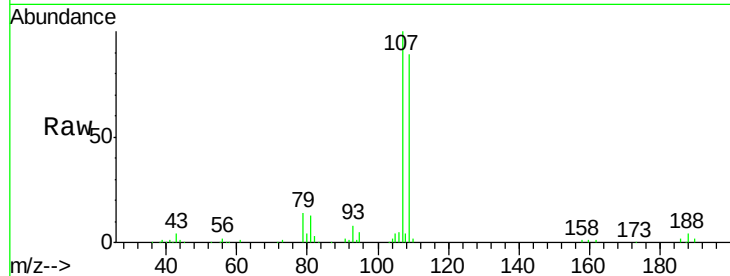
109 93.0 76.1 114.1

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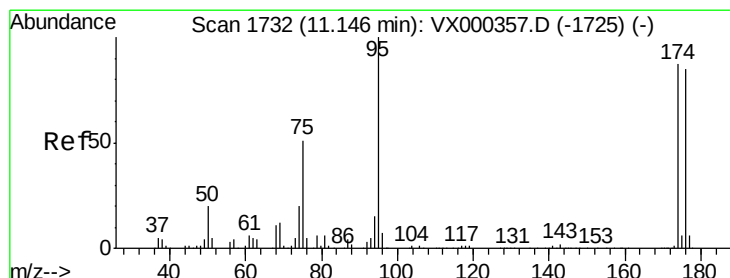
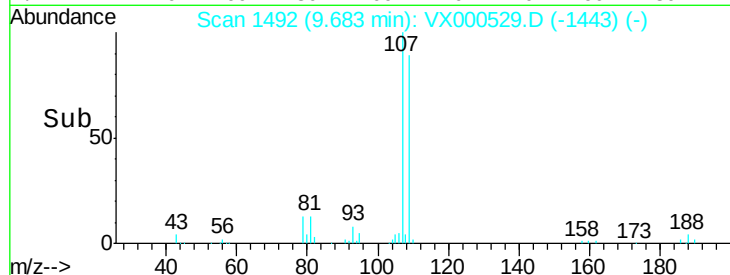
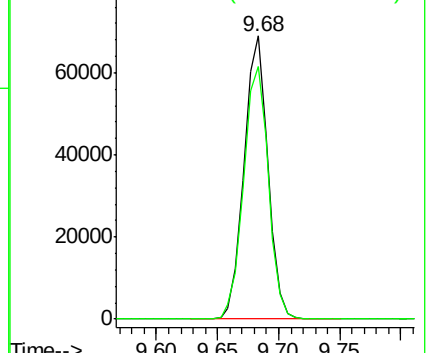
sam

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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: 49.17 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

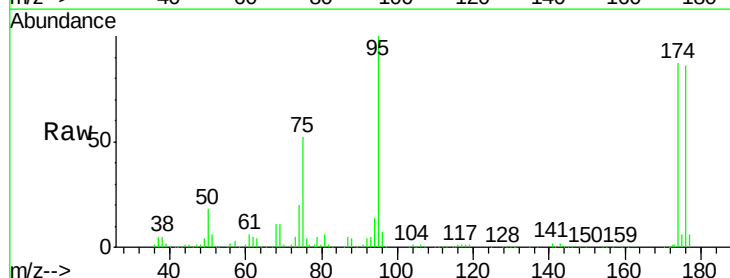
Tgt Ion: 95 Resp: 115314

Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.6

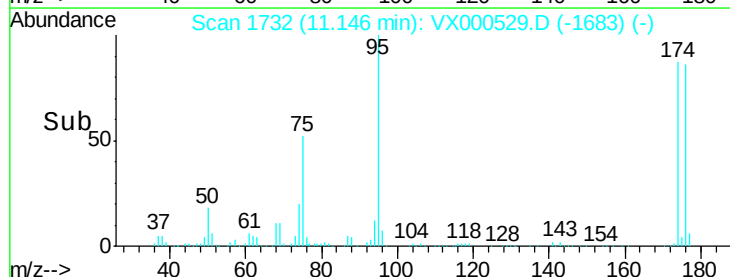
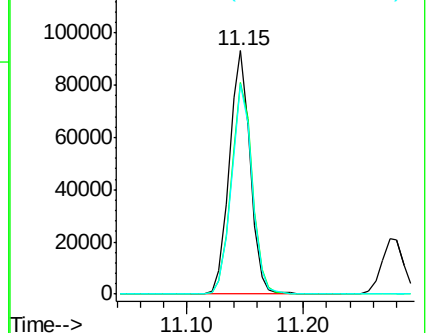
176 86.1 0.0 164.6

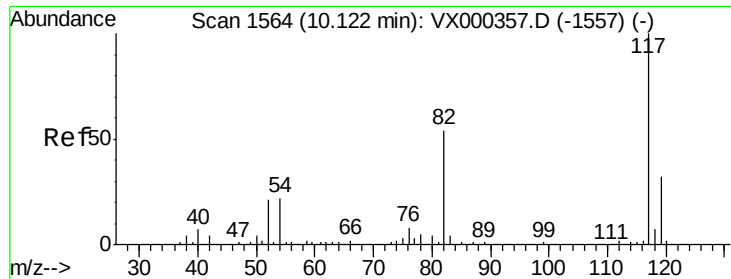


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





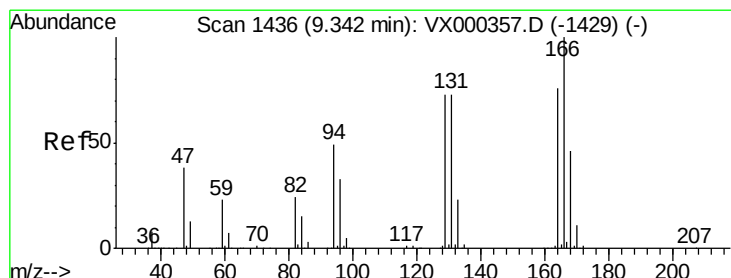
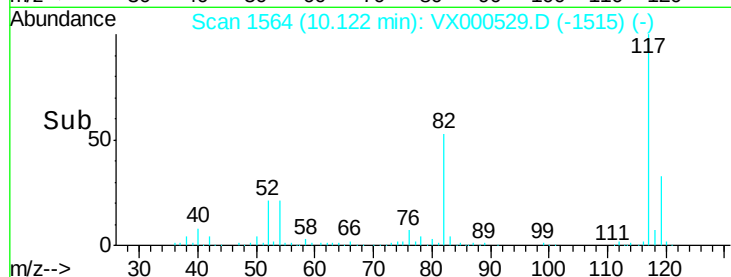
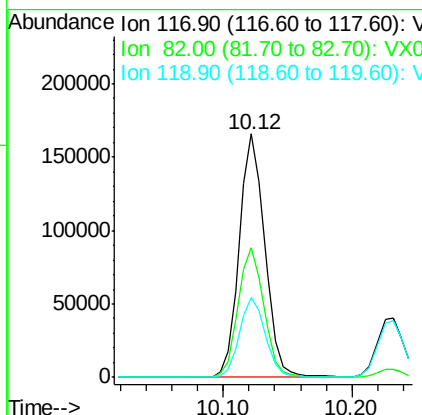
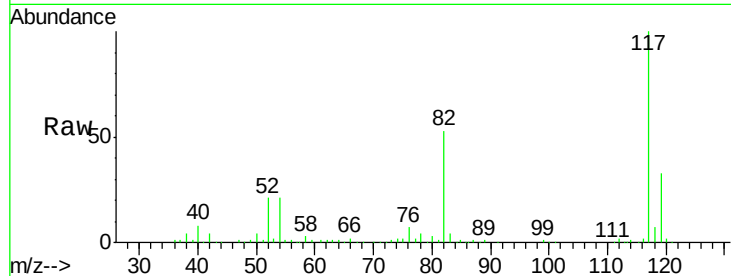
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.8	65.8
119	32.6	24.9	37.3

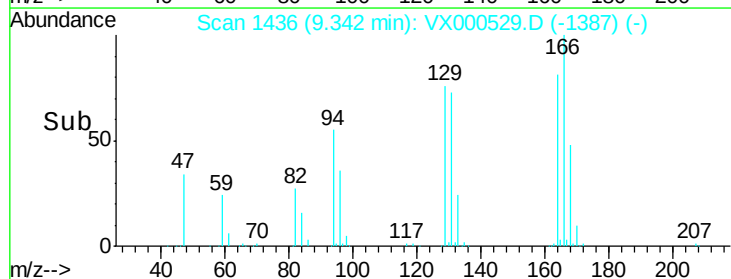
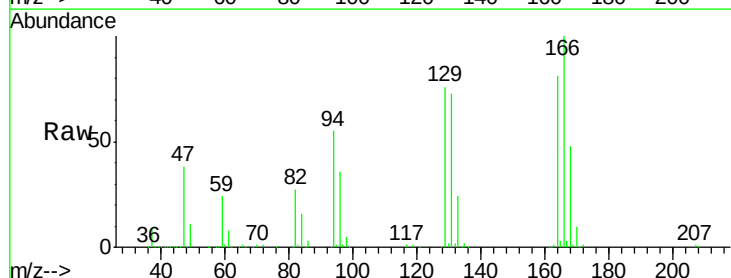
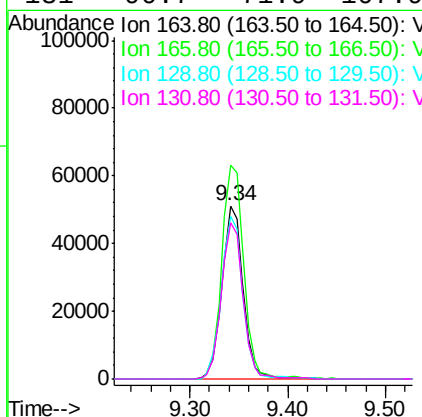
Manual Integrations
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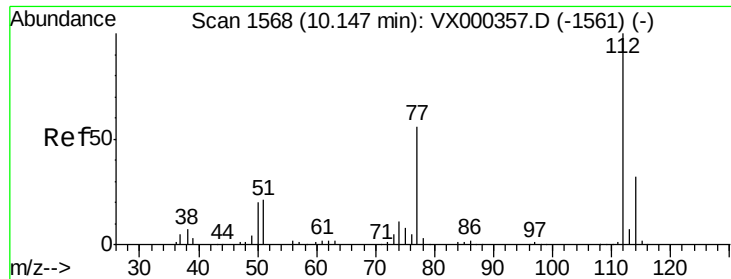
sam
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#64
Tetrachloroethene
Concen: 43.41 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.5	101.0	151.6
129	93.9	79.0	118.4
131	90.7	71.9	107.9





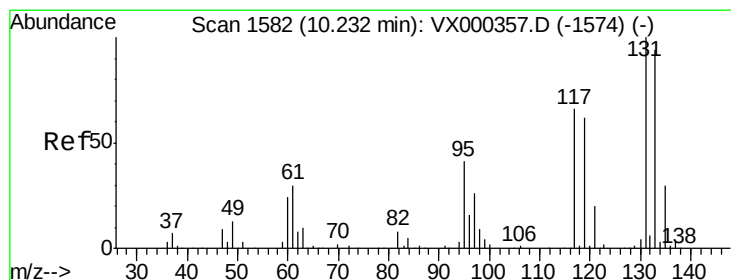
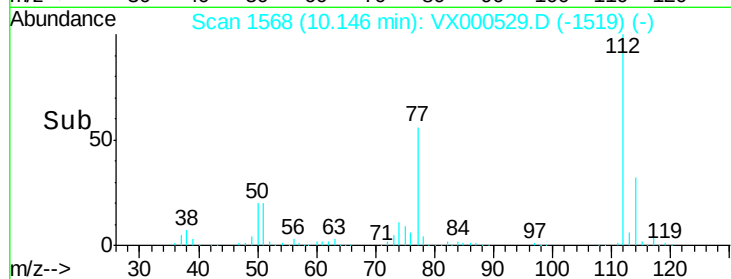
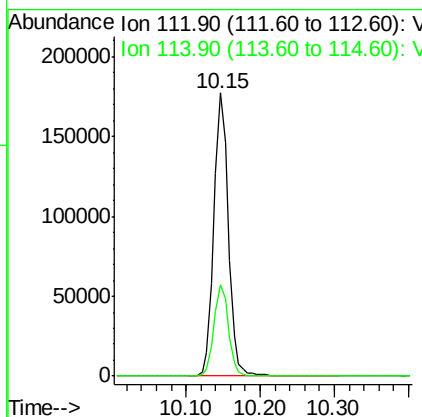
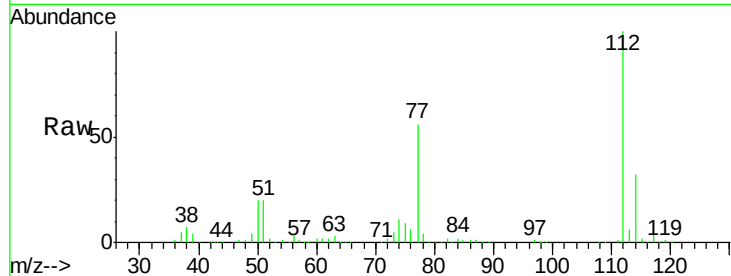
#65
Chlorobenzene
Concen: 46.55 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 236863
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

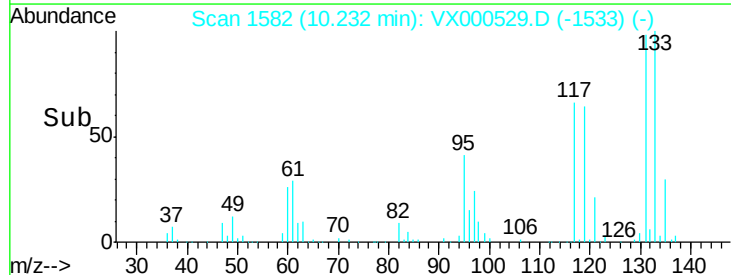
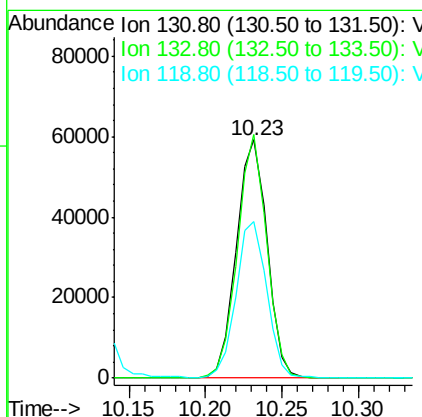
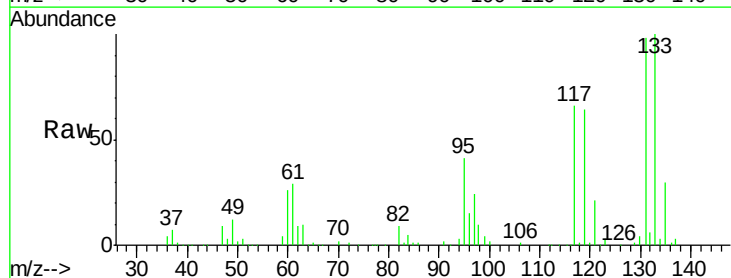
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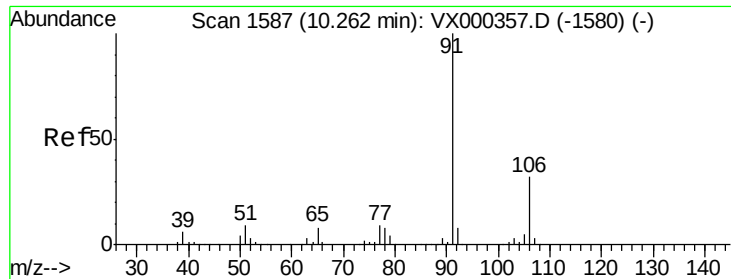
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.55 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion:131 Resp: 82170
Ion Ratio Lower Upper
131 100
133 97.8 47.1 141.3
119 66.0 33.1 99.2





#67

Ethyl Benzene

Concen: 47.39 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 408762

Ion Ratio Lower Upper

91 100

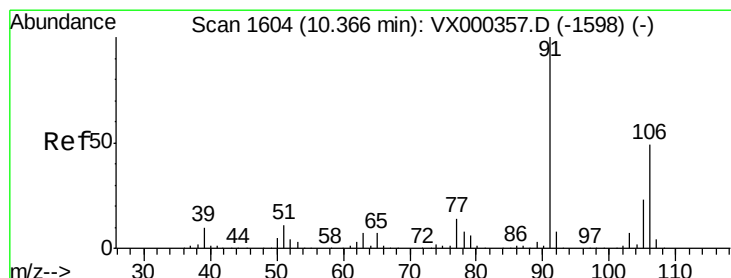
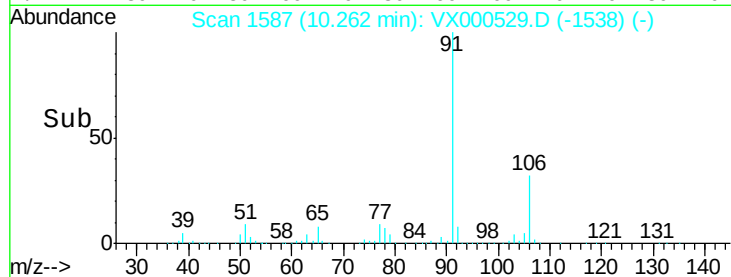
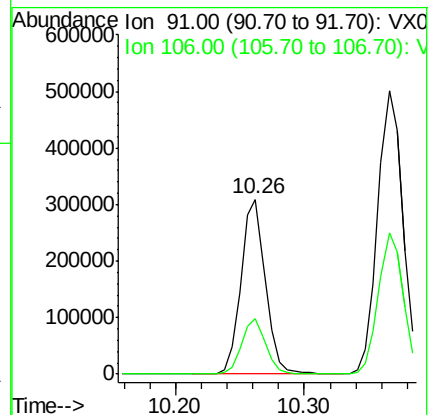
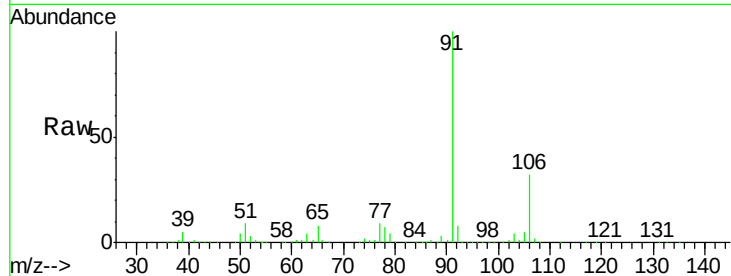
106 31.6 25.0 37.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.38 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000529.D

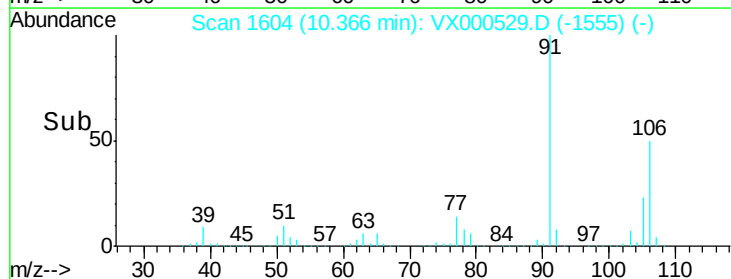
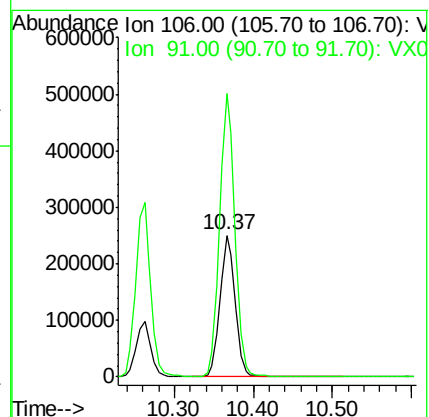
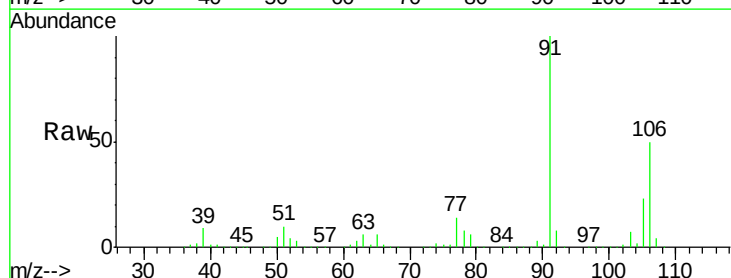
Acq: 29 Mar 2018 22:22

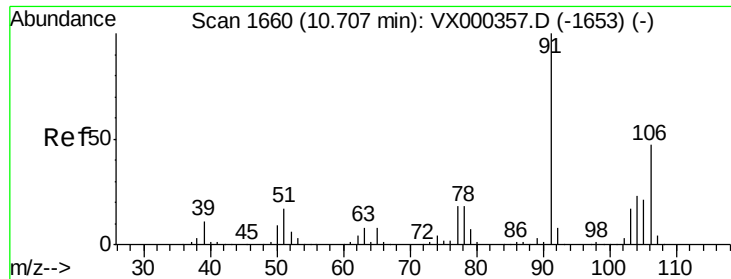
Tgt Ion: 106 Resp: 337295

Ion Ratio Lower Upper

106 100

91 201.6 163.4 245.2





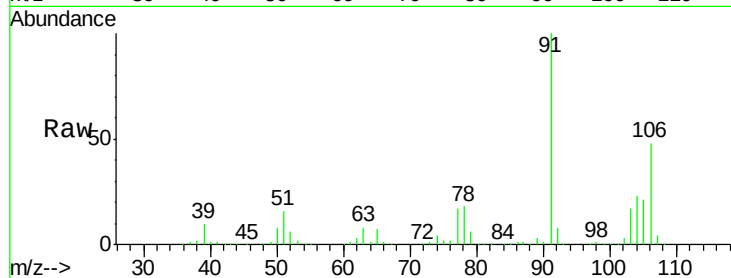
#69
o-Xylene
Concen: 49.34 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

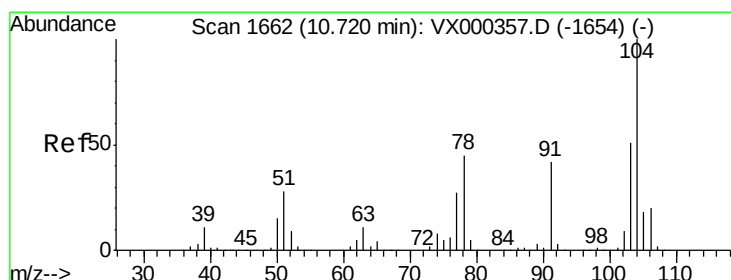
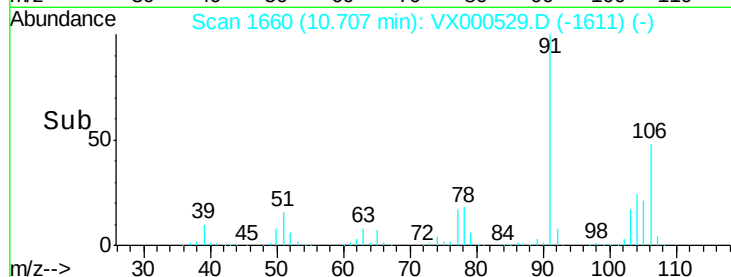
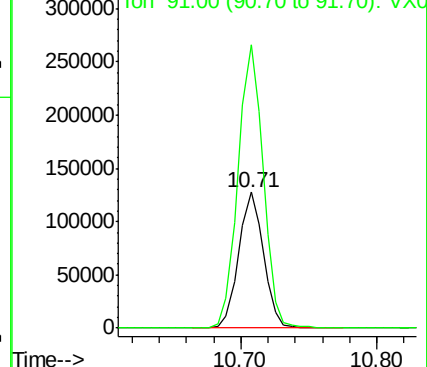
Tot Ion:106 Resp: 162120
Ion Ratio Lower Upper
106 100
91 212.4 106.5 319.6

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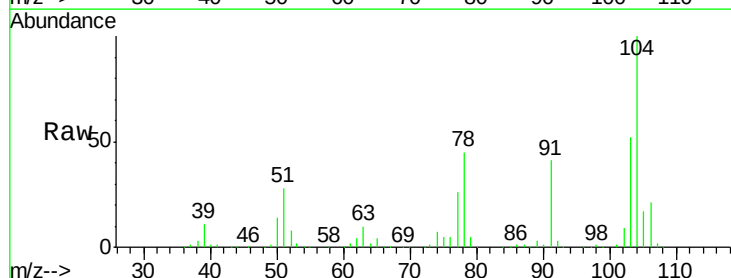


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

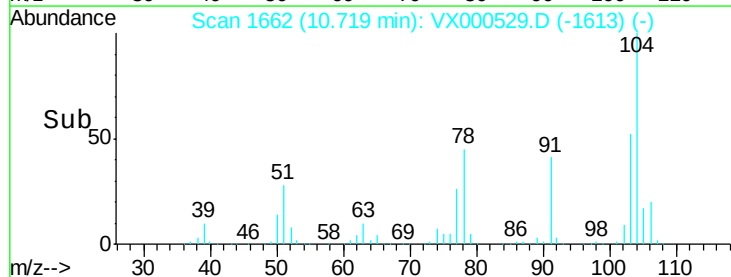
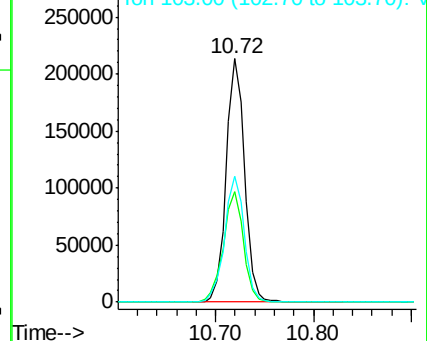


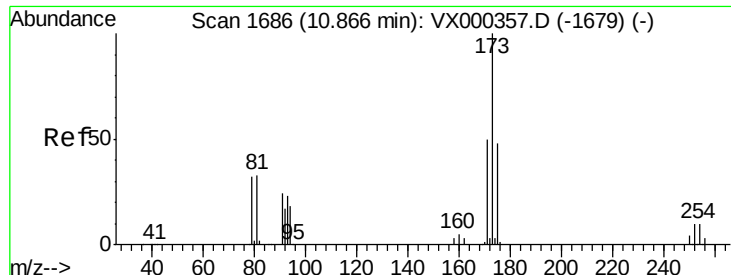
#70
Styrene
Concen: 51.31 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion:104 Resp: 278981
Ion Ratio Lower Upper
104 100
78 49.7 40.5 60.7
103 55.7 45.7 68.5



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





#71

Bromoform

Concen: 41.79 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 73694

Ion Ratio Lower Upper

173 100

175 48.8 25.4 76.4

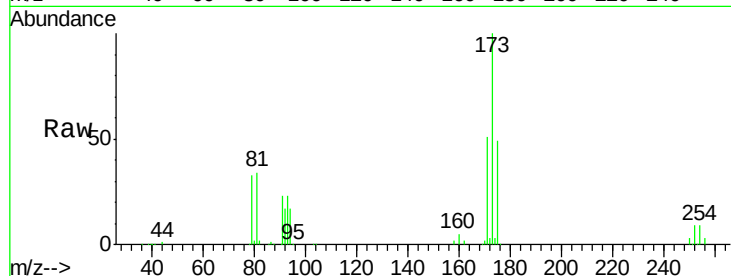
254 0.0 0.0 0.0

Manual Integrations

APPROVED

sam

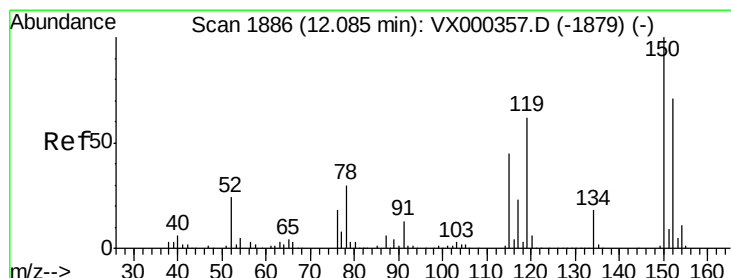
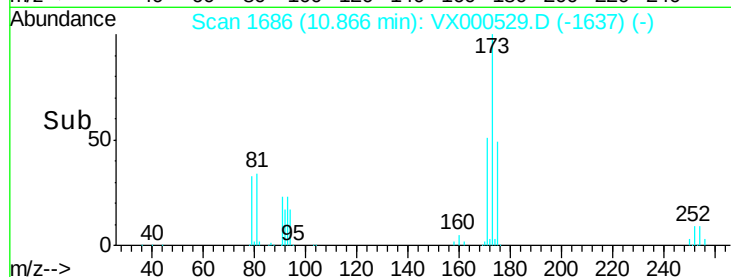
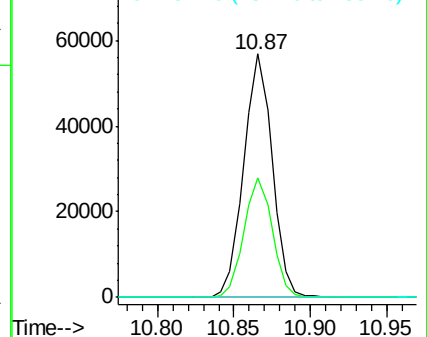
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

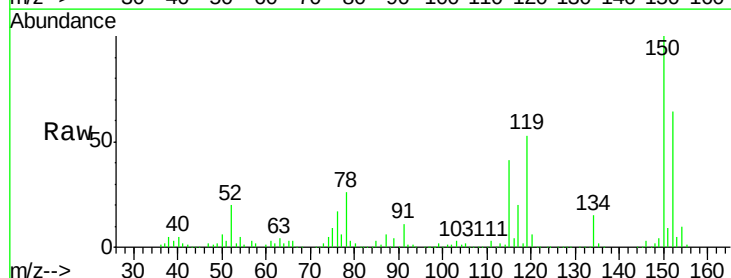
Tgt Ion:152 Resp: 151220

Ion Ratio Lower Upper

152 100

115 80.3 39.8 119.3

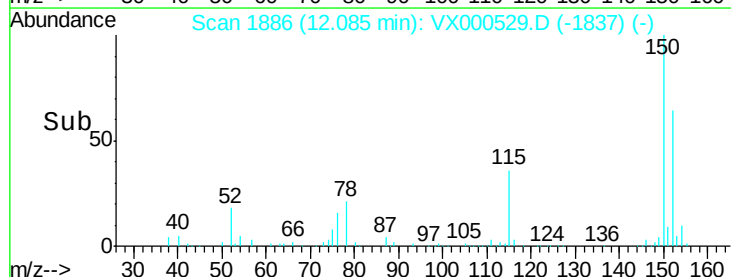
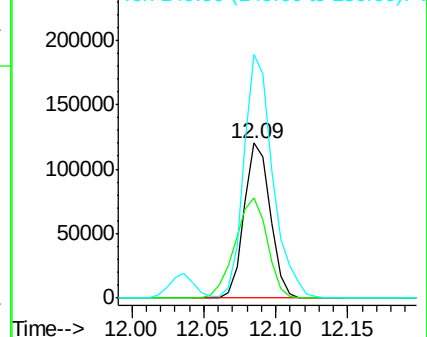
150 173.9 0.0 344.4

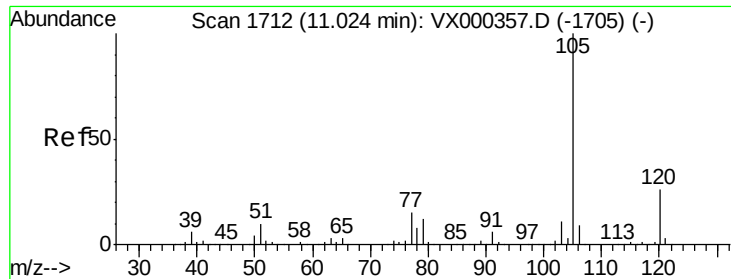


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.16 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 452489

Ion Ratio Lower Upper

105 100

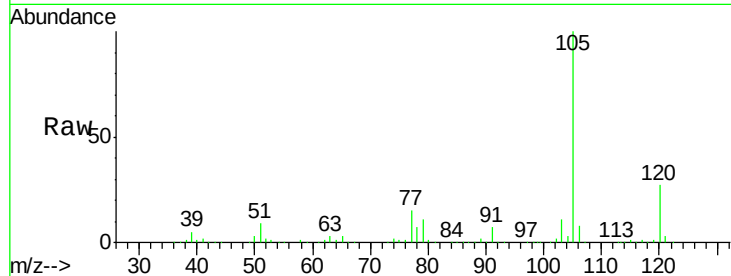
120 26.7 13.6 40.7

Manual Integrations

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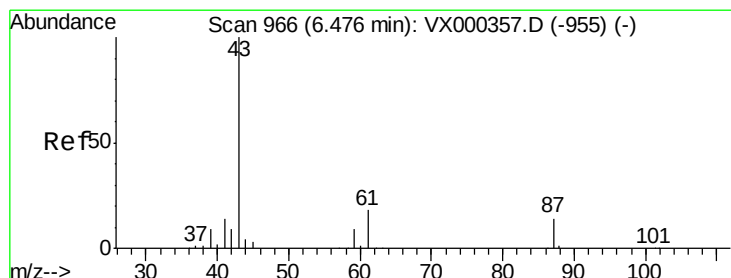
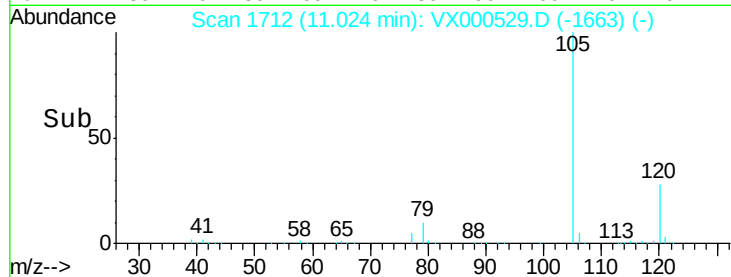
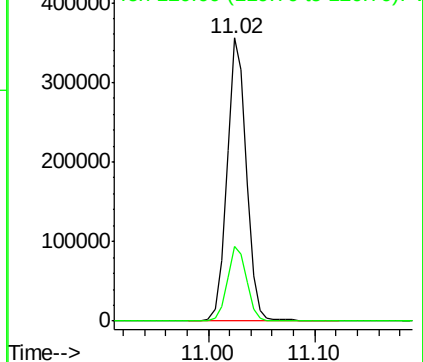
sam

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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: 44.88 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Tgt Ion: 43 Resp: 197475

Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

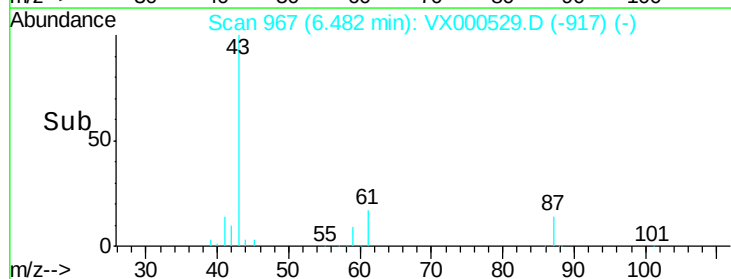
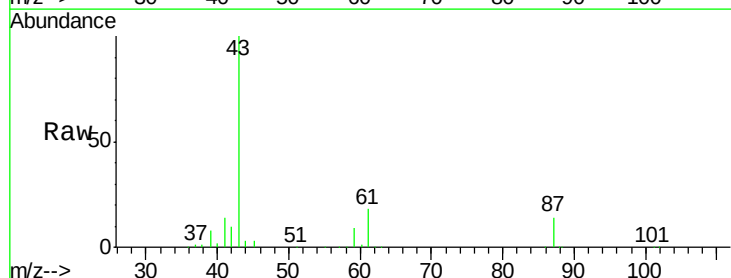
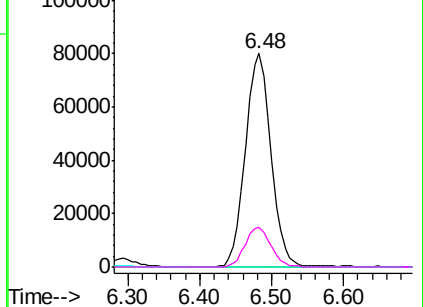
61 18.8 14.4 21.6

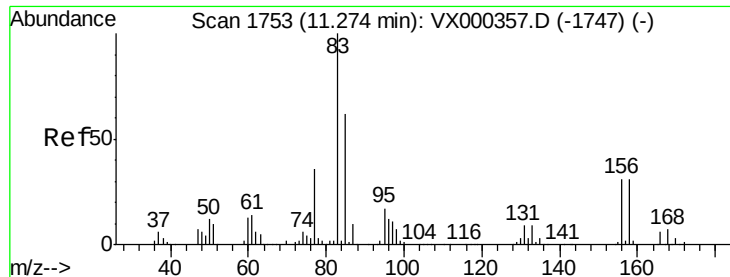
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 46.11 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 163396

Ion Ratio Lower Upper

83 100

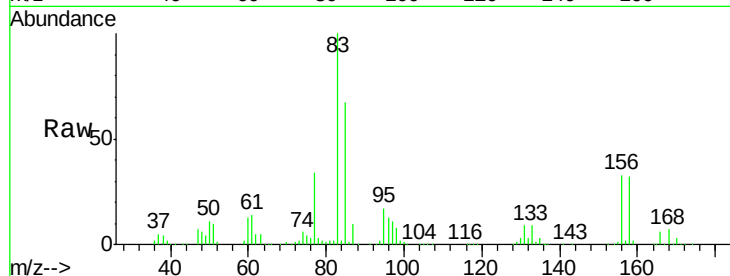
131 10.2 5.0 14.9

85 65.5 32.5 97.5

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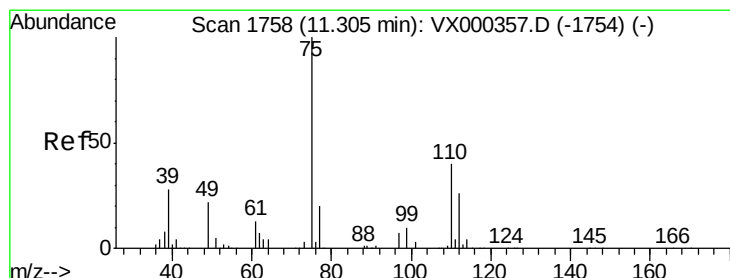
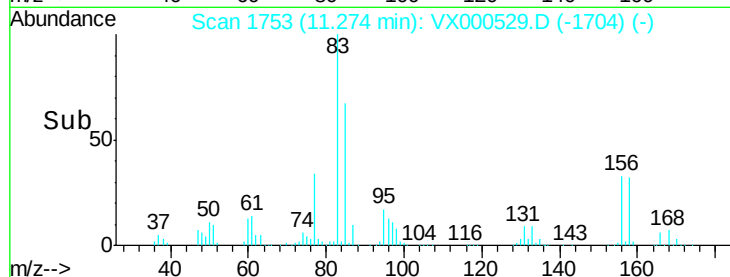
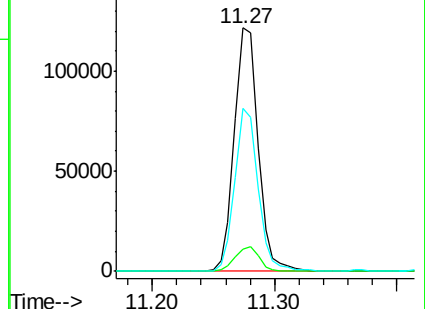
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 43.52 ug/l m

RT: 11.30 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VX000529.D

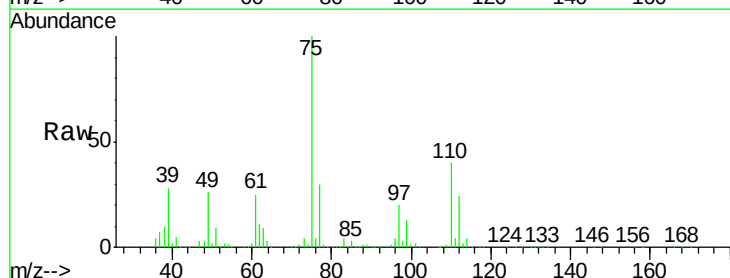
Acq: 29 Mar 2018 22:22

Tgt Ion: 75 Resp: 141444

Ion Ratio Lower Upper

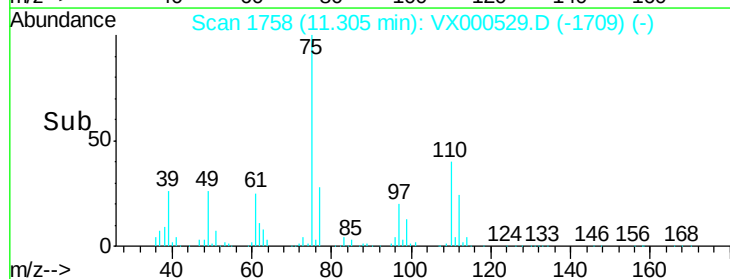
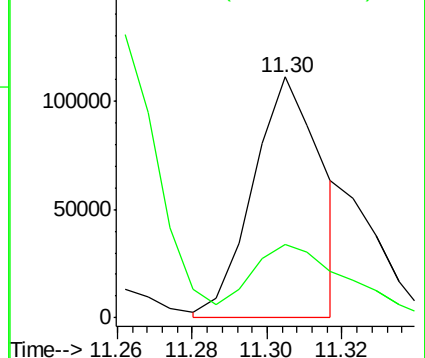
75 100

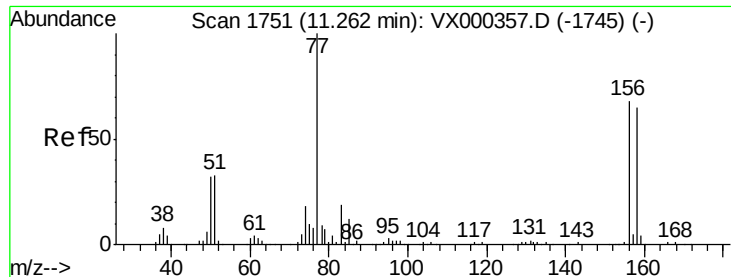
77 42.4 21.4 64.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 42.63 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 113779

Ion Ratio Lower Upper

156 100

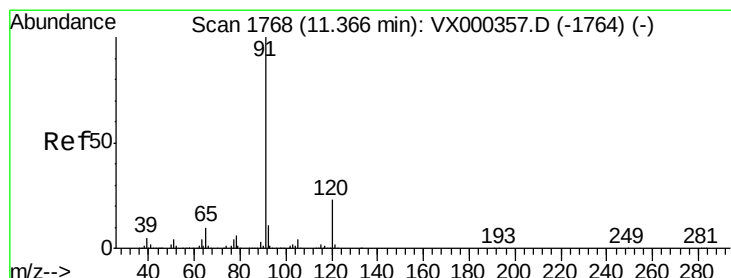
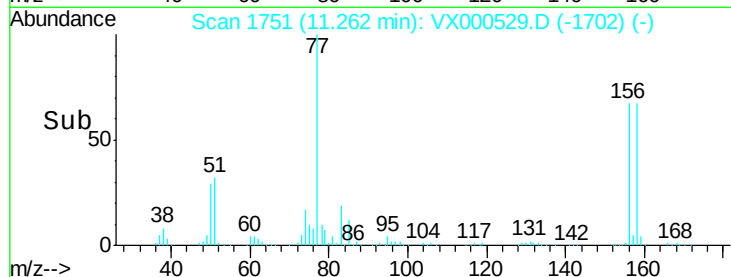
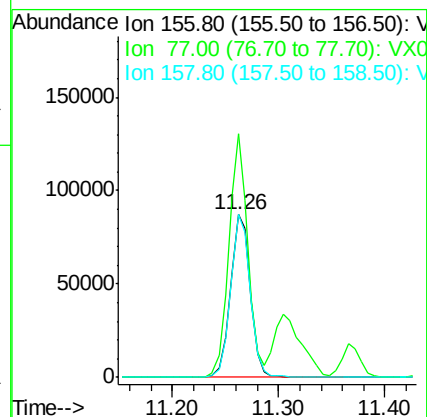
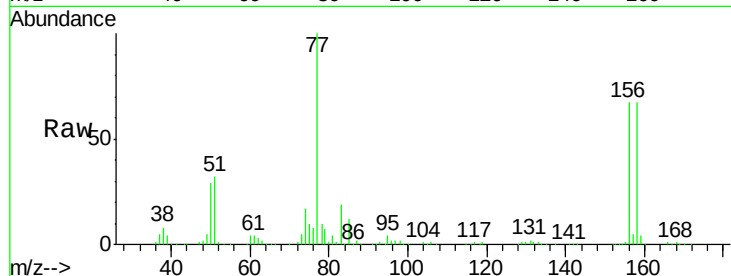
77 142.3 73.4 220.2

158 98.3 48.5 145.6

Manual Integrations
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sam

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#78

n-propylbenzene

Concen: 44.66 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX000529.D

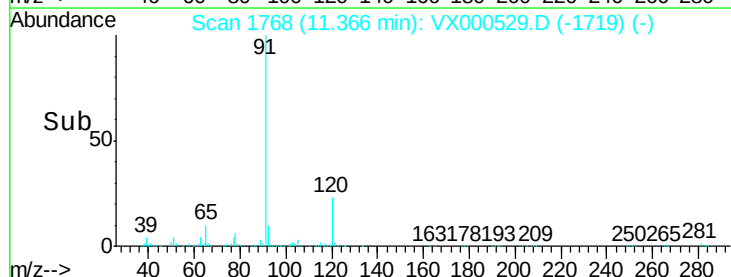
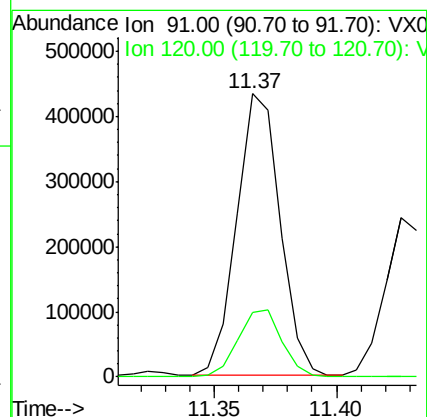
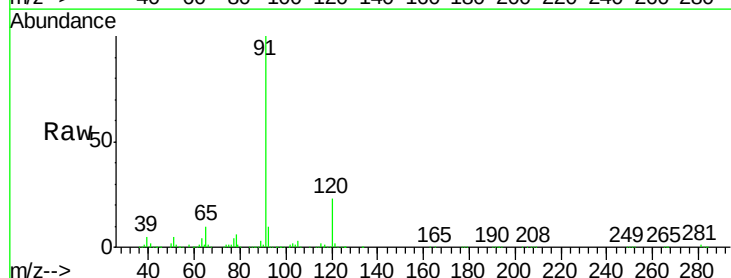
Acq: 29 Mar 2018 22:22

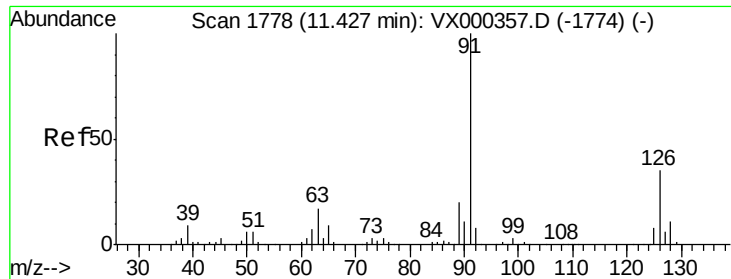
Tgt Ion: 91 Resp: 533524

Ion Ratio Lower Upper

91 100

120 24.1 11.8 35.3





#79

2-Chlorotoluene

Concen: 44.32 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 305849

Ion Ratio Lower Upper

91 100

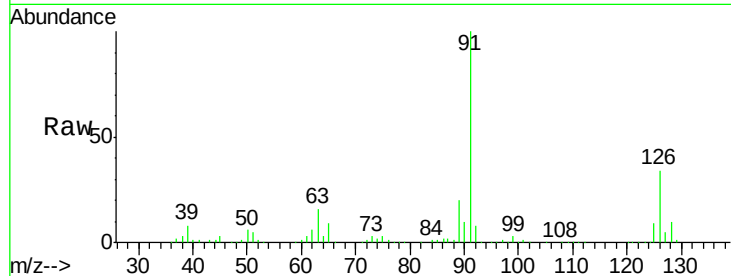
126 36.2 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX000357.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000357.D (-1774) (-)

400000

300000

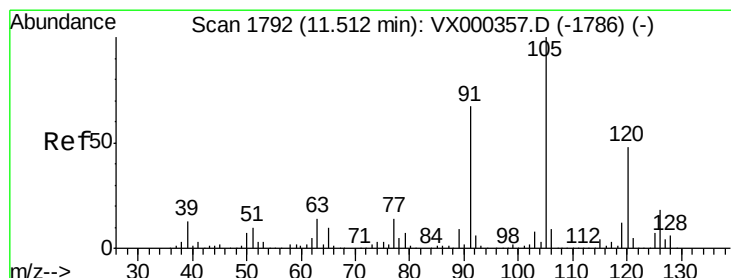
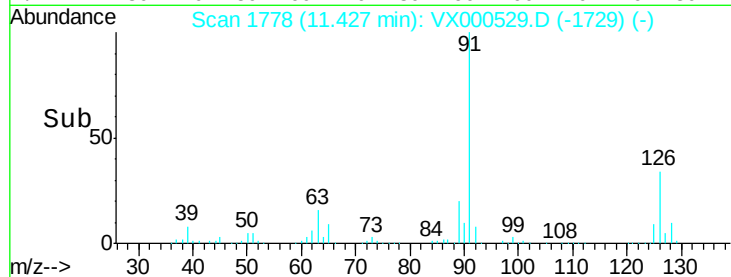
200000

100000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 46.91 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000529.D

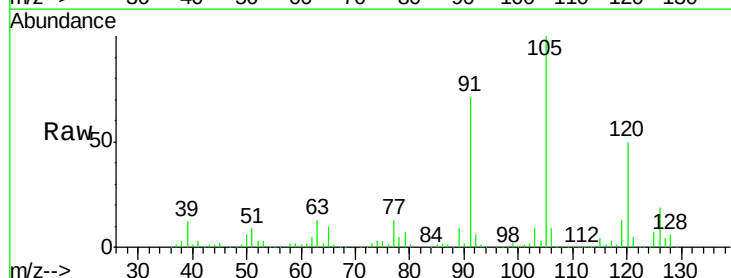
Acq: 29 Mar 2018 22:22

Tgt Ion: 105 Resp: 395166

Ion Ratio Lower Upper

105 100

120 49.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000357.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000357.D (-1786) (-)

300000

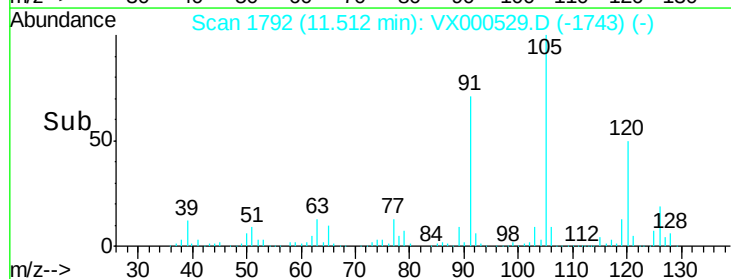
200000

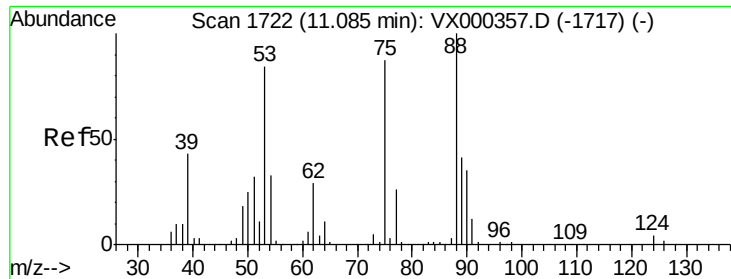
100000

0

11.50 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 43.69 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

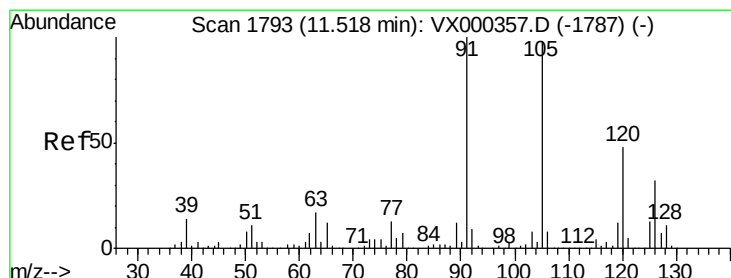
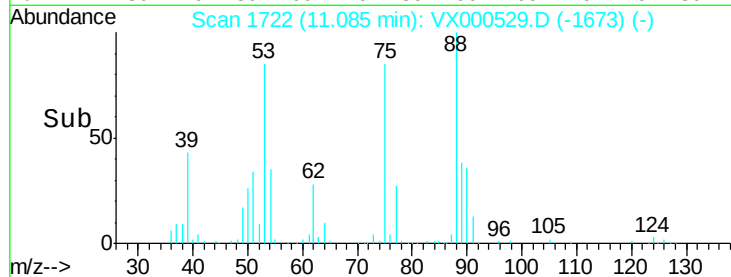
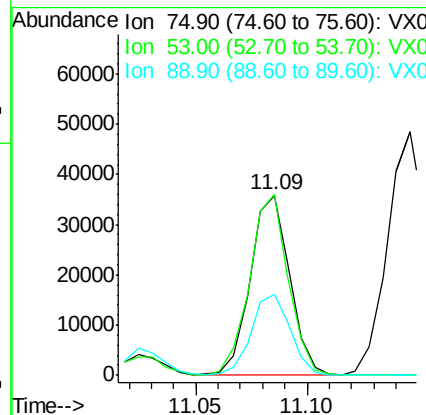
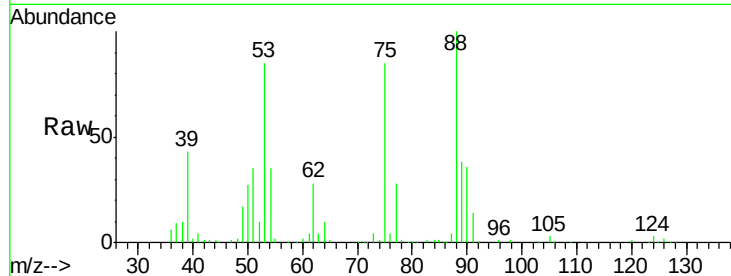
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	80.7	121.1
89	45.5	39.4	59.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 45.58 ug/l

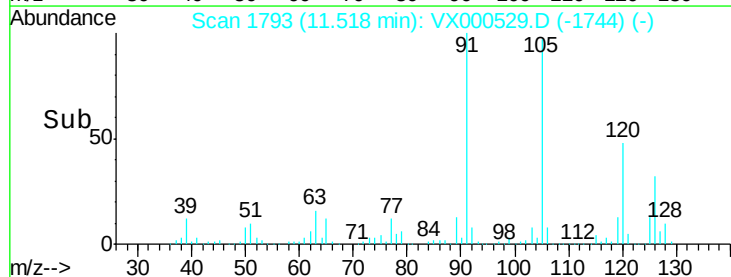
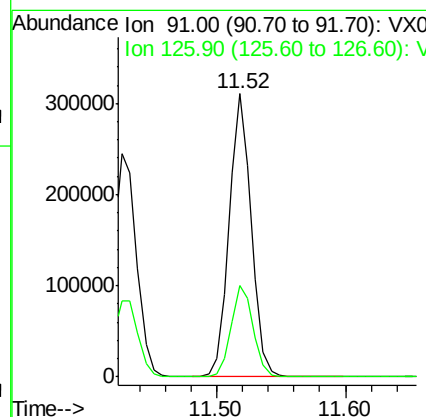
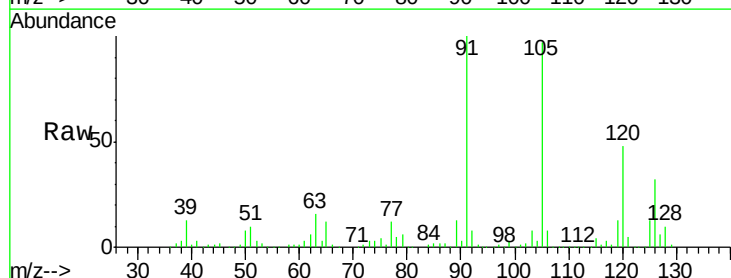
RT: 11.52 min Scan# 1793

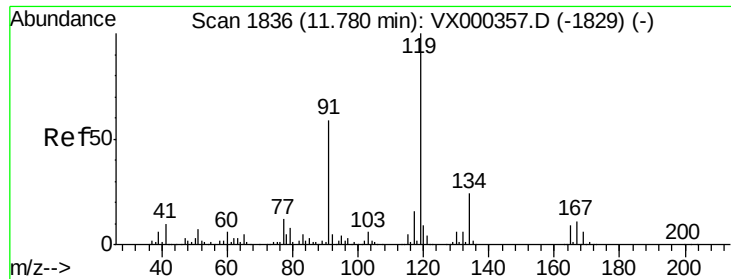
Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	15.4	46.1





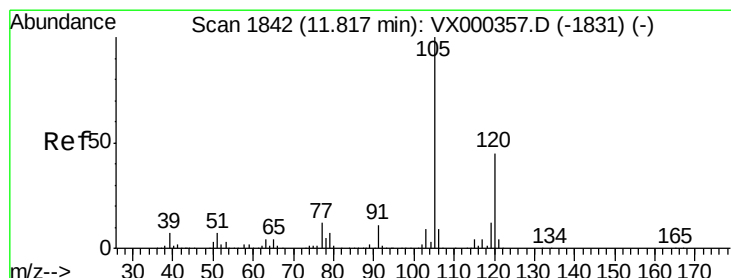
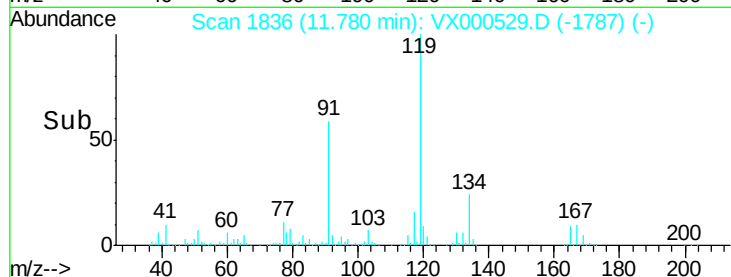
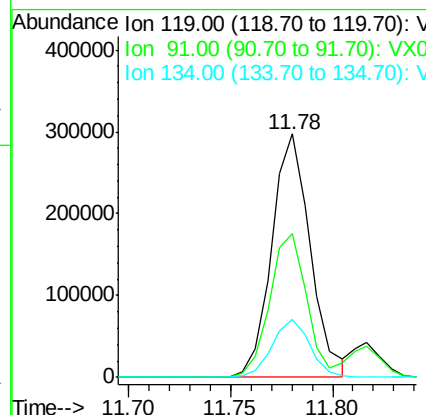
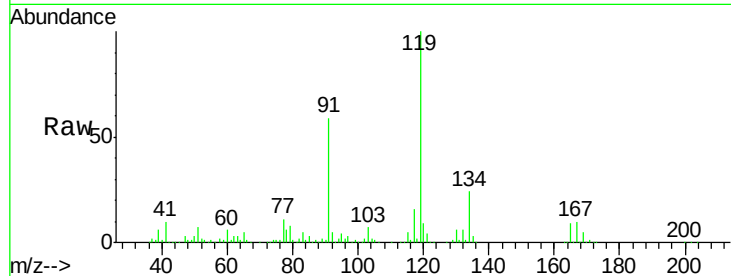
#83
 tert-Butylbenzene
 Concen: 46.02 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	391005		
91	56.6	28.8	86.4	
134	23.3	11.4	34.1	

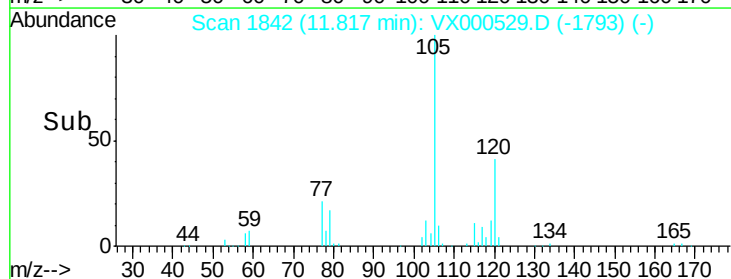
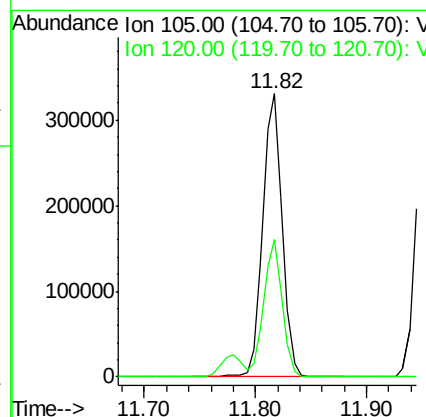
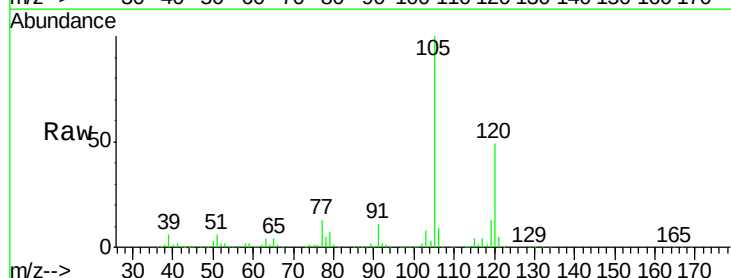
Manual Integrations
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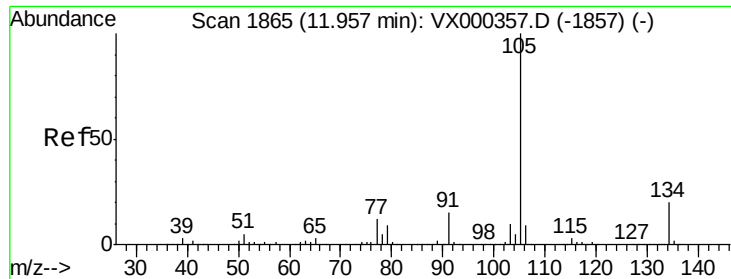
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 45.82 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	404735		
120	46.2	22.4	67.3	





#85

sec-Butylbenzene

Concen: 46.93 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 493364

Ion Ratio Lower Upper

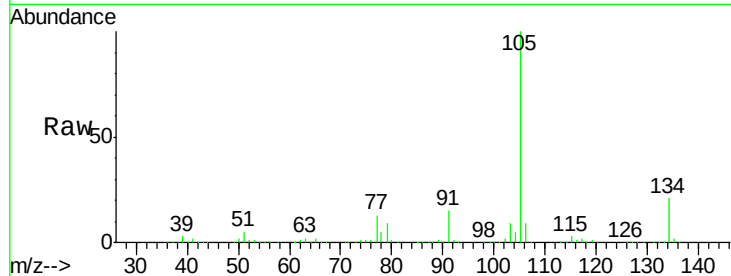
105 100

134 20.5 10.3 30.8

Manual Integrations
APPROVED

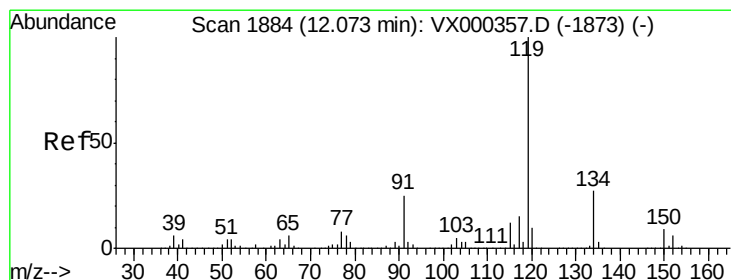
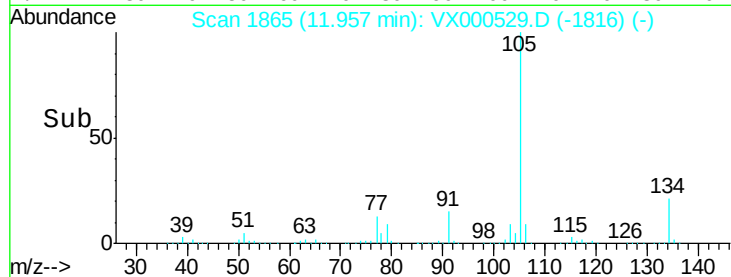
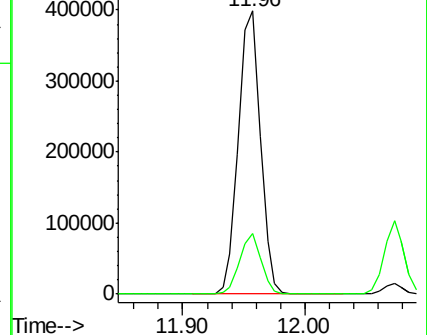
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 47.94 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

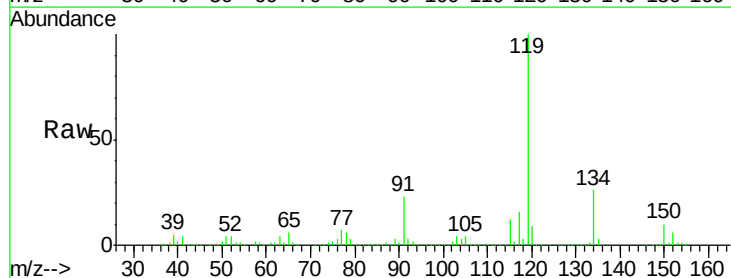
Tgt Ion:119 Resp: 447564

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

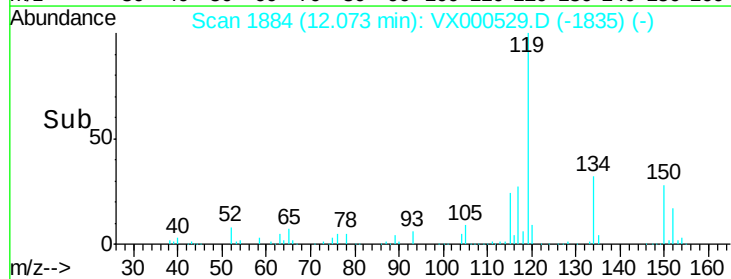
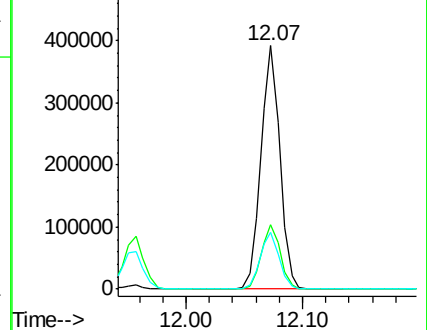
91 23.4 12.0 36.1

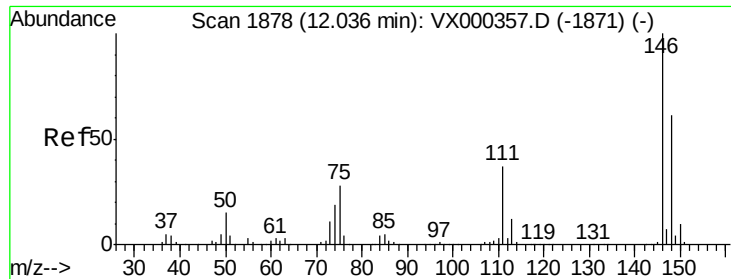


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





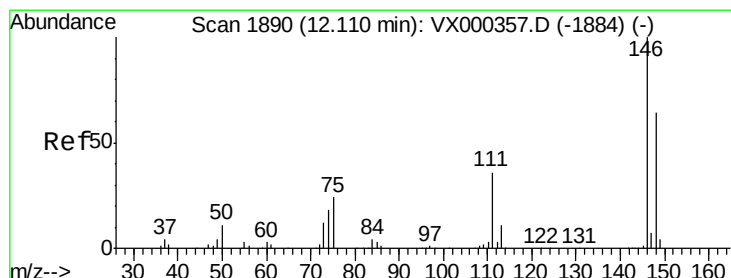
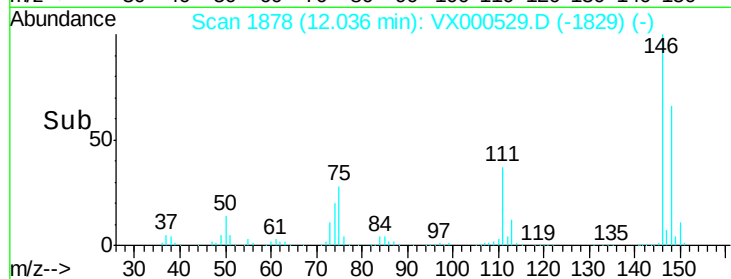
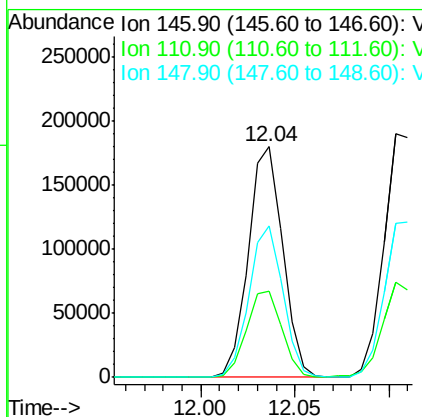
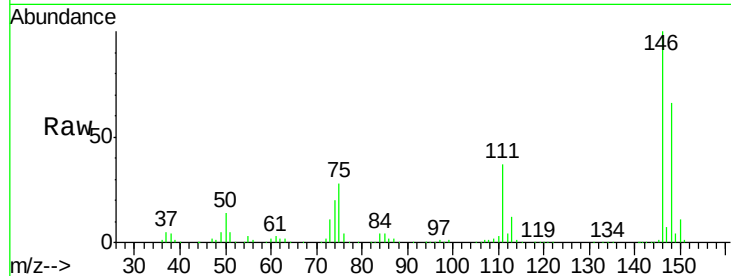
#87
 1,3-Dichlorobenzene
 Concen: 45.19 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.5	58.5
148	64.7	32.4	97.0

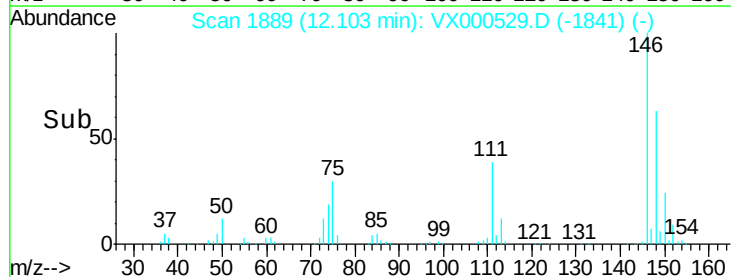
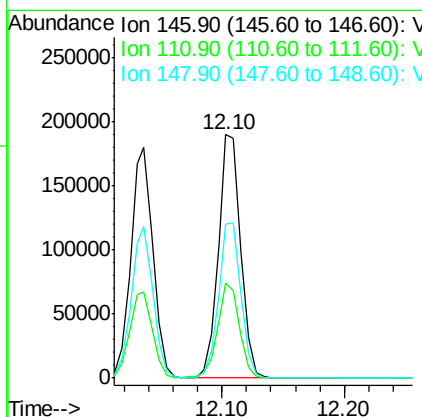
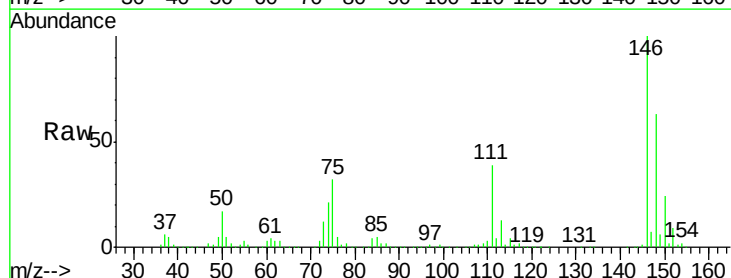
Manual Integrations
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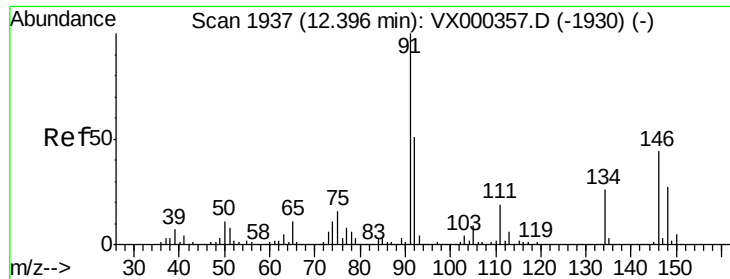
sam
 3/30/2018 4:11:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 45.51 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.01 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.9	56.9
148	64.3	31.0	93.0





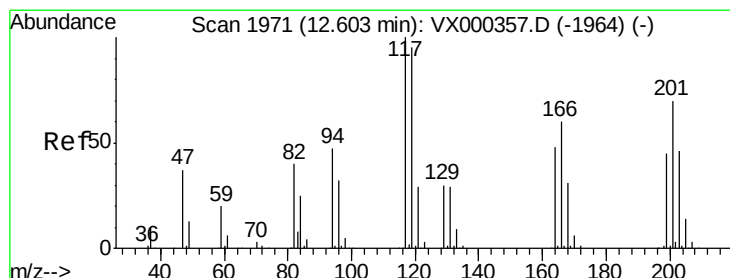
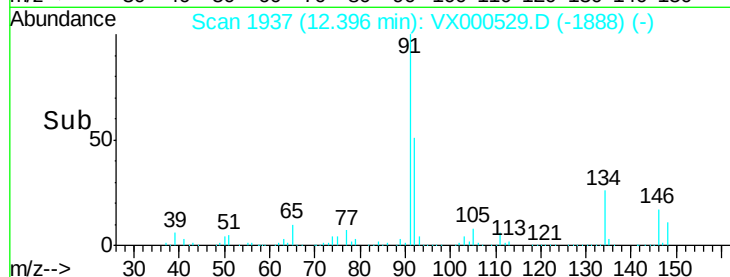
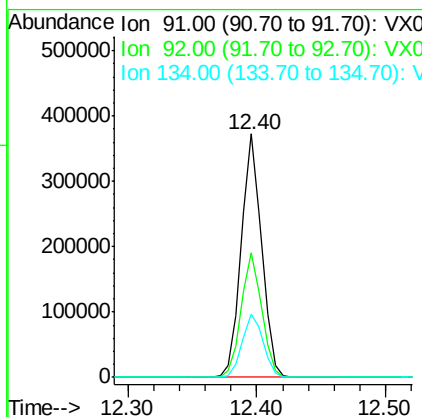
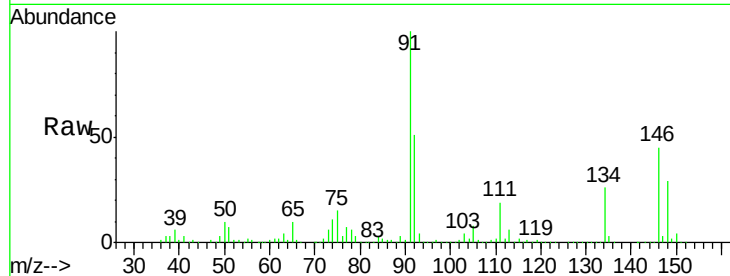
#89
n-Butylbenzene
Concen: 46.90 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	51.7	25.9	77.8		
134	26.7	13.1	39.3		

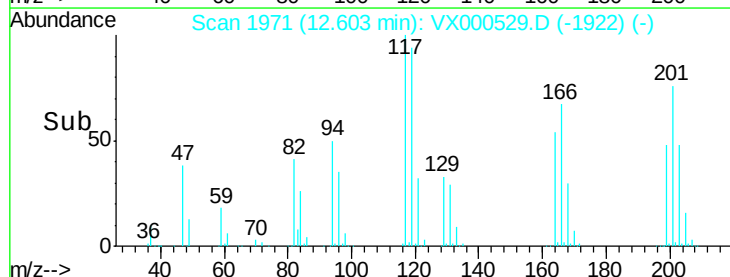
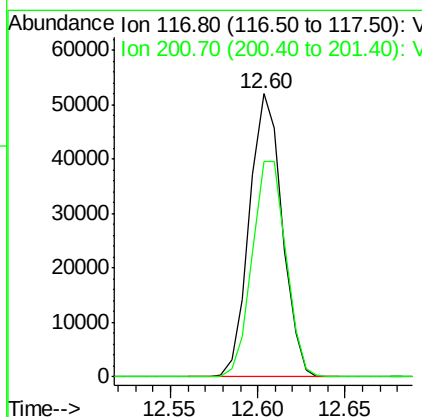
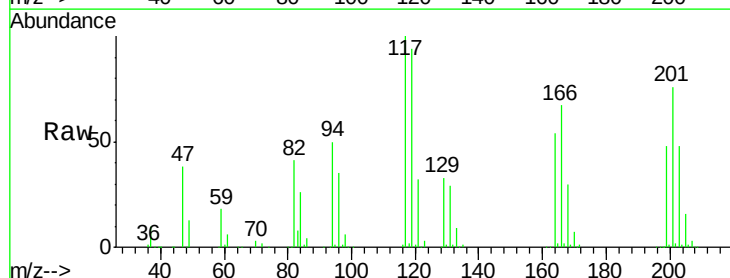
Manual Integrations
APPROVED

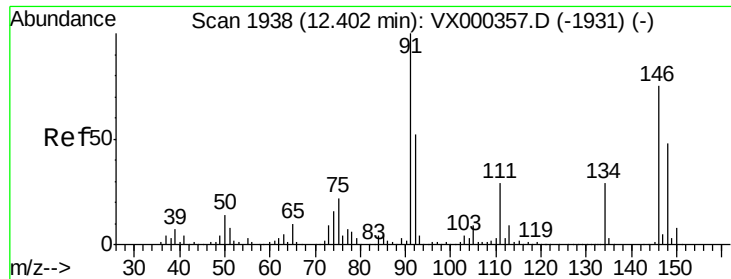
sam
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#90
Hexachloroethane
Concen: 46.20 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000529.D
Acq: 29 Mar 2018 22:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
201	78.6	37.9	113.6		





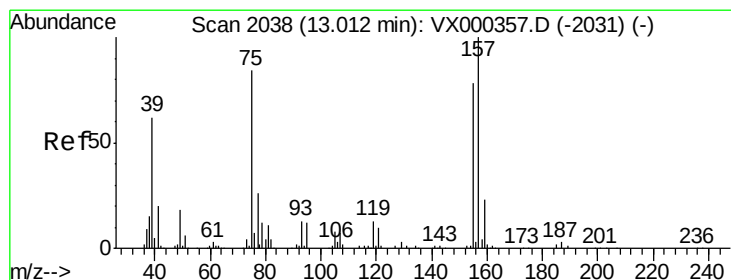
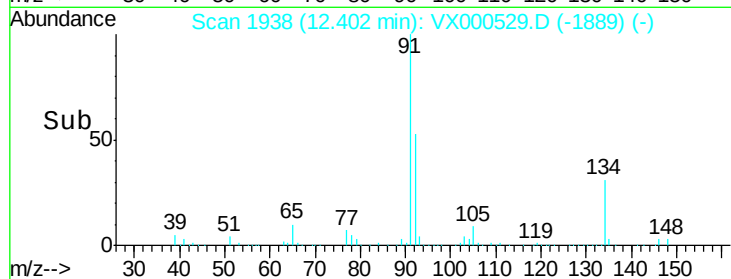
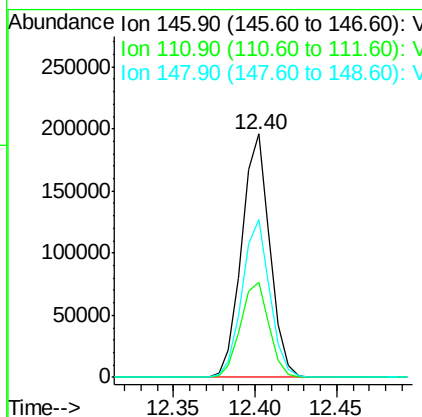
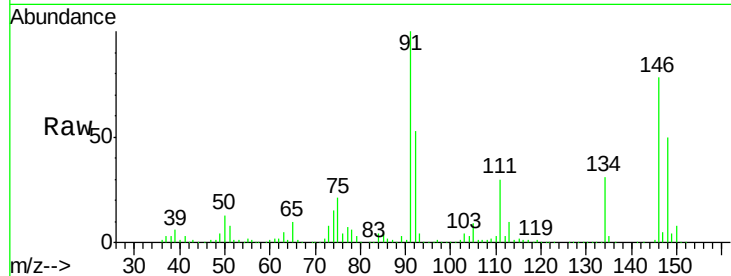
#91
 1,2-Dichlorobenzene
 Concen: 47.71 ug/l
 RT: 12.40 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	63.9	31.2	93.6

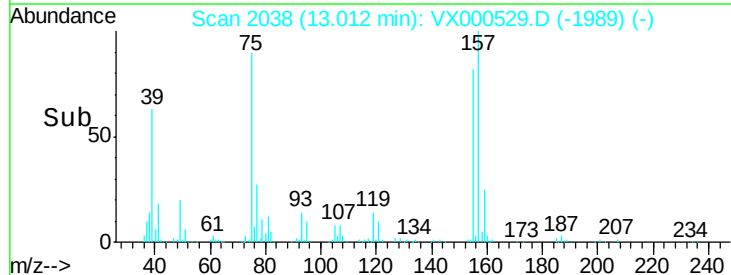
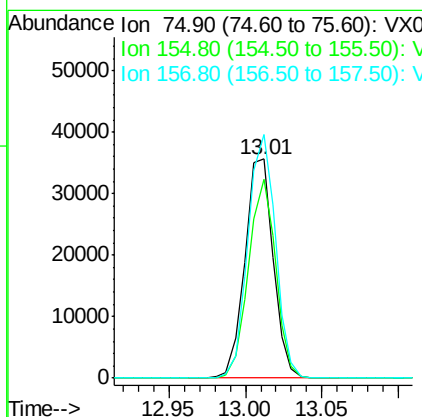
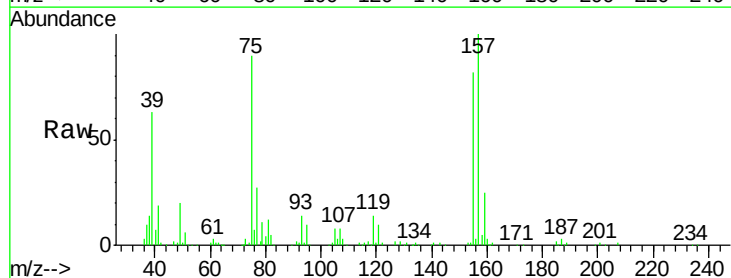
Manual Integrations
 APPROVED

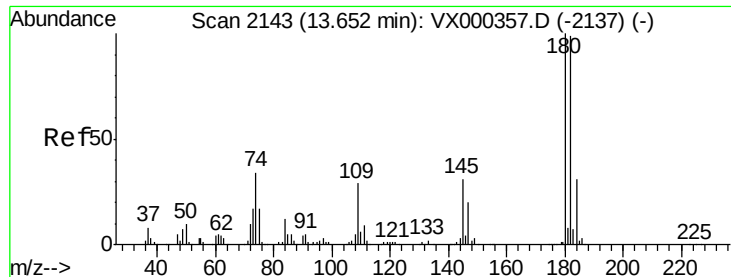
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.51 ug/l
 RT: 13.01 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.9	45.0	134.8
157	108.2	58.1	174.2





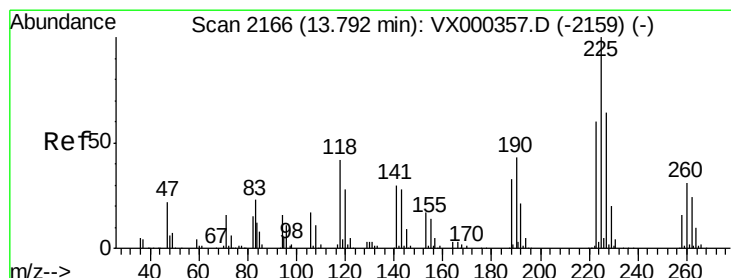
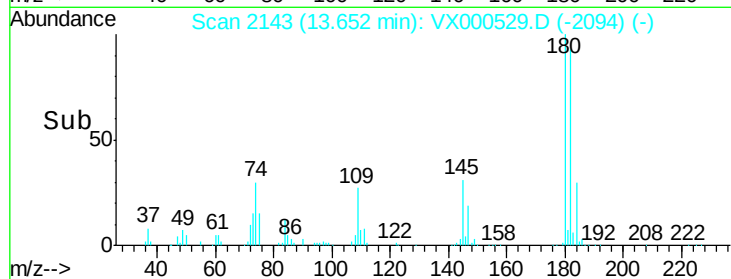
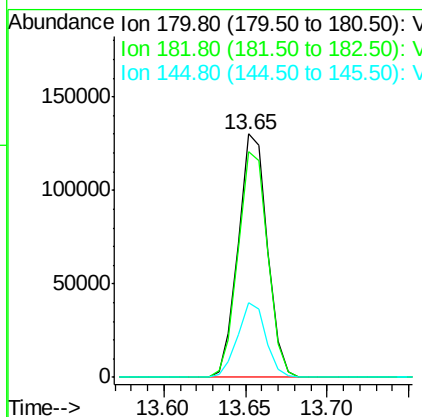
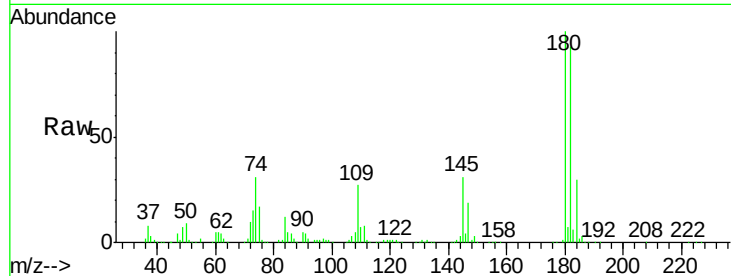
#93
 1,2,4-Trichlorobenzene
 Concen: 45.73 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	162215
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.6	142.9
145	29.7	15.1	45.3

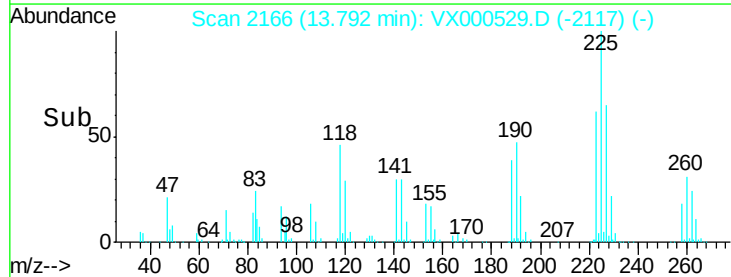
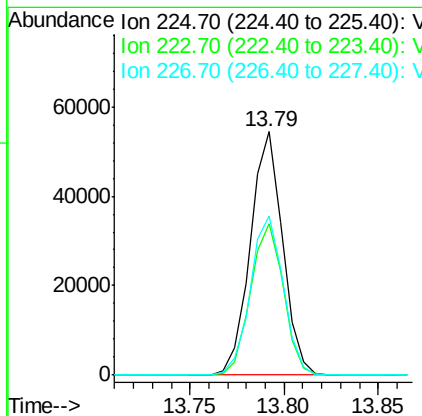
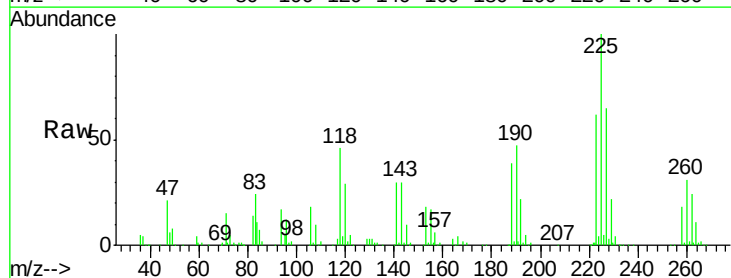
Manual Integrations
 APPROVED

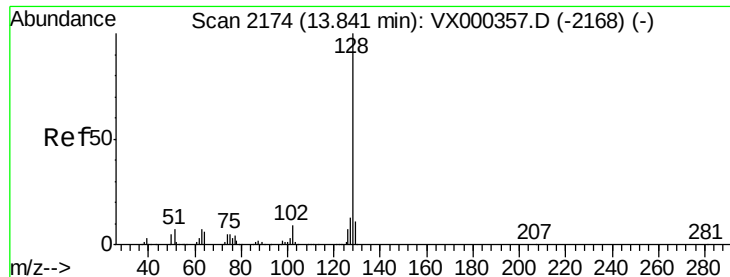
sam
 3/30/2018 4:11:05 PM



#94
 Hexachlorobutadiene
 Concen: 43.85 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000529.D
 Acq: 29 Mar 2018 22:22

Tgt Ion:	225	Resp:	64404
Ion Ratio	Lower	Upper	
225	100		
223	63.0	32.0	96.0
227	66.7	32.6	98.0





#95

Naphthalene

Concen: 48.07 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Instrument :

MSVOA_X

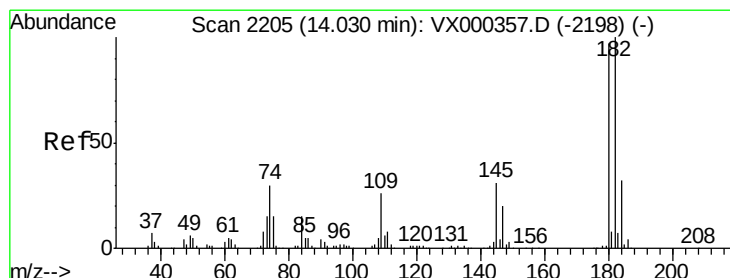
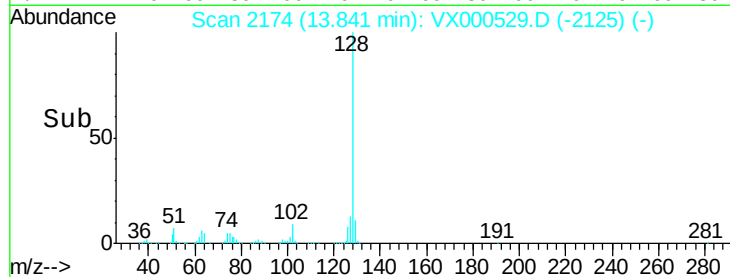
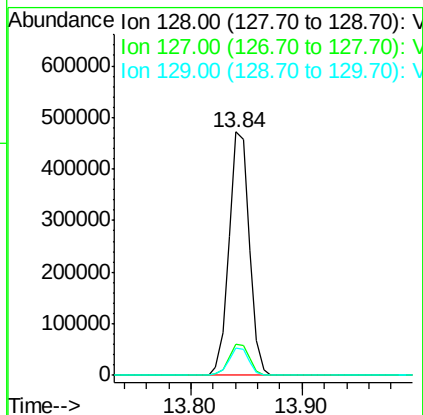
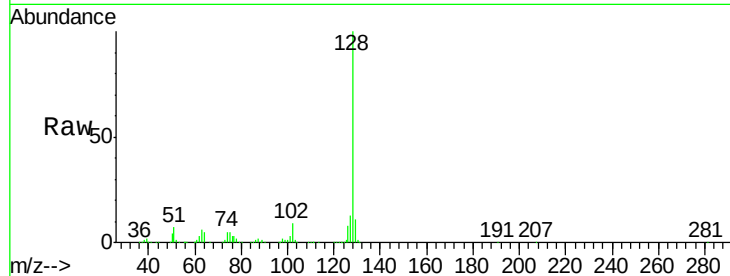
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	594012
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	11.1	8.9	13.3

Manual Integrations
APPROVED

sam
3/30/2018 4:11:05 PM



#96

1,2,3-Trichlorobenzene

Concen: 46.80 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VX000529.D

Acq: 29 Mar 2018 22:22

Tgt Ion:	180	Resp:	164028
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.4	142.3
145	31.1	15.8	47.3

