

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000341.D
 Acq On : 15 Mar 2018 20:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 3/16/2018 3:43:29 PM

Quant Time: Mar 16 04:32:53 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	121634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	201261	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	204857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	78270	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.51	113	62261	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.73	98	250658	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	
62) 4-Bromofluorobenzene	11.15	95	98767	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58317	44.51	ug/l	97
3) Chloromethane	1.32	50	62882	47.08	ug/l	96
4) Vinyl Chloride	1.41	62	75835	50.69	ug/l	97
5) Bromomethane	1.64	94	103553	62.03	ug/l	97
6) Chloroethane	1.72	64	50658	47.64	ug/l	99
7) Trichlorofluoromethane	1.93	101	133911	51.54	ug/l	100
8) Diethyl Ether	2.20	74	47286	51.12	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	71676	51.23	ug/l	98
10) Methyl Iodide	2.52	142	67775	47.94	ug/l	99
11) Tert butyl alcohol	3.08	59	149078	273.82	ug/l	99
12) 1,1-Dichloroethene	2.38	96	66751	50.27	ug/l	96
13) Acrolein	2.30	56	68695	293.28	ug/l	97
14) Allyl chloride	2.73	41	121412	51.28	ug/l	99
15) Acrylonitrile	3.16	53	284650	271.15	ug/l	99
16) Acetone	2.45	43	305347	271.77	ug/l	97
17) Carbon Disulfide	2.57	76	187981	48.47	ug/l	98
18) Methyl Acetate	2.78	43	138329	55.02	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	246074	52.64	ug/l	98
20) Methylene Chloride	2.86	84	76077	52.30	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	72524	49.41	ug/l	98
22) Diisopropyl ether	3.89	45	186367	47.29	ug/l	98
23) Vinyl Acetate	3.84	43	899913	239.60	ug/l	99
24) 1,1-Dichloroethane	3.71	63	130229	52.53	ug/l	98
25) 2-Butanone	4.72	43	368370	274.32	ug/l	99
26) 2,2-Dichloropropane	4.60	77	88000	49.18	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	66423	49.54	ug/l	98
28) Bromochloromethane	5.04	49	50170	48.15	ug/l	100
29) Tetrahydrofuran	5.18	42	238171	275.57	ug/l	99
30) Chloroform	5.23	83	122316	52.26	ug/l	95
31) Cyclohexane	5.59	56	95168	50.03	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	109140	52.77	ug/l	100
36) 1,1-Dichloropropene	5.81	75	89803	49.11	ug/l	99
37) Ethyl Acetate	4.87	43	126562	52.07	ug/l	99
38) Carbon Tetrachloride	5.80	117	95650	51.88	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	105912	49.66	ug/l	94
40) Benzene	6.15	78	264122	50.91	ug/l	97
41) Methacrylonitrile	5.08	41	66151	51.84	ug/l	99
42) 1,2-Dichloroethane	6.21	62	104976	51.05	ug/l	100
43) Isopropyl Acetate	6.48	43	190894	54.42	ug/l	99
44) Trichloroethene	7.22	130	73130	48.65	ug/l	94
45) 1,2-Dichloropropane	7.52	63	67620	52.85	ug/l	99
46) Dibromomethane	7.67	93	52214	50.80	ug/l	98
47) Bromodichloromethane	7.91	83	98832	54.17	ug/l	99
48) Methyl methacrylate	7.79	41	93231	52.57	ug/l	100
49) 1,4-Dioxane	7.77	88	41016	1027.85	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	753875	276.74	ug/l	100
52) Toluene	8.79	92	185829	50.99	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	113211	53.76	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	110518	53.67	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	75515	51.64	ug/l	98
56) Ethyl methacrylate	9.19	69	119609	55.24	ug/l	98
57) 1,3-Dichloropropane	9.38	76	122617	51.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	276518	298.96	ug/l	98
59) 2-Hexanone	9.51	43	643937	280.57	ug/l	98
60) Dibromochloromethane	9.59	129	83925	54.28	ug/l	98
61) 1,2-Dibromoethane	9.68	107	84909	52.38	ug/l	99
64) Tetrachloroethene	9.35	164	71083	54.14	ug/l	95
65) Chlorobenzene	10.15	112	215008	51.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	76371	54.43	ug/l	98
67) Ethyl Benzene	10.26	91	371796	52.27	ug/l	99
68) m/p-Xylenes	10.37	106	301401	108.77	ug/l	99
69) o-Xylene	10.71	106	146490	54.42	ug/l	98
70) Styrene	10.72	104	249019	55.75	ug/l	98
71) Bromoform	10.87	173	67757	47.84	ug/l #	95
73) Isopropylbenzene	11.02	105	400578	52.39	ug/l	99
74) N-amyl acetate	6.48	43	190894	52.15	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	141384	51.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	124745m	54.58	ug/l	
77) Bromobenzene	11.26	156	99765	49.71	ug/l	99
78) n-propylbenzene	11.37	91	457711	49.64	ug/l	99
79) 2-Chlorotoluene	11.43	91	269424	51.49	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	349351	53.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	41090	48.90	ug/l	97
82) 4-Chlorotoluene	11.52	91	336547	52.33	ug/l	99
83) tert-Butylbenzene	11.78	119	340732	53.62	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	363827	54.33	ug/l	100
85) sec-Butylbenzene	11.96	105	427106	53.69	ug/l	99
86) p-Isopropyltoluene	12.07	119	386410	54.58	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	196052	49.78	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	207758	50.76	ug/l	99
89) n-Butylbenzene	12.40	91	344005	49.97	ug/l	99
90) Hexachloroethane	12.60	117	60179	52.99	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	200512	52.56	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40606	55.11	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	130558	47.51	ug/l	99
94) Hexachlorobutadiene	13.79	225	53127	49.01	ug/l	99
95) Naphthalene	13.84	128	506611	53.13	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	134141	48.32	ug/l	100

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

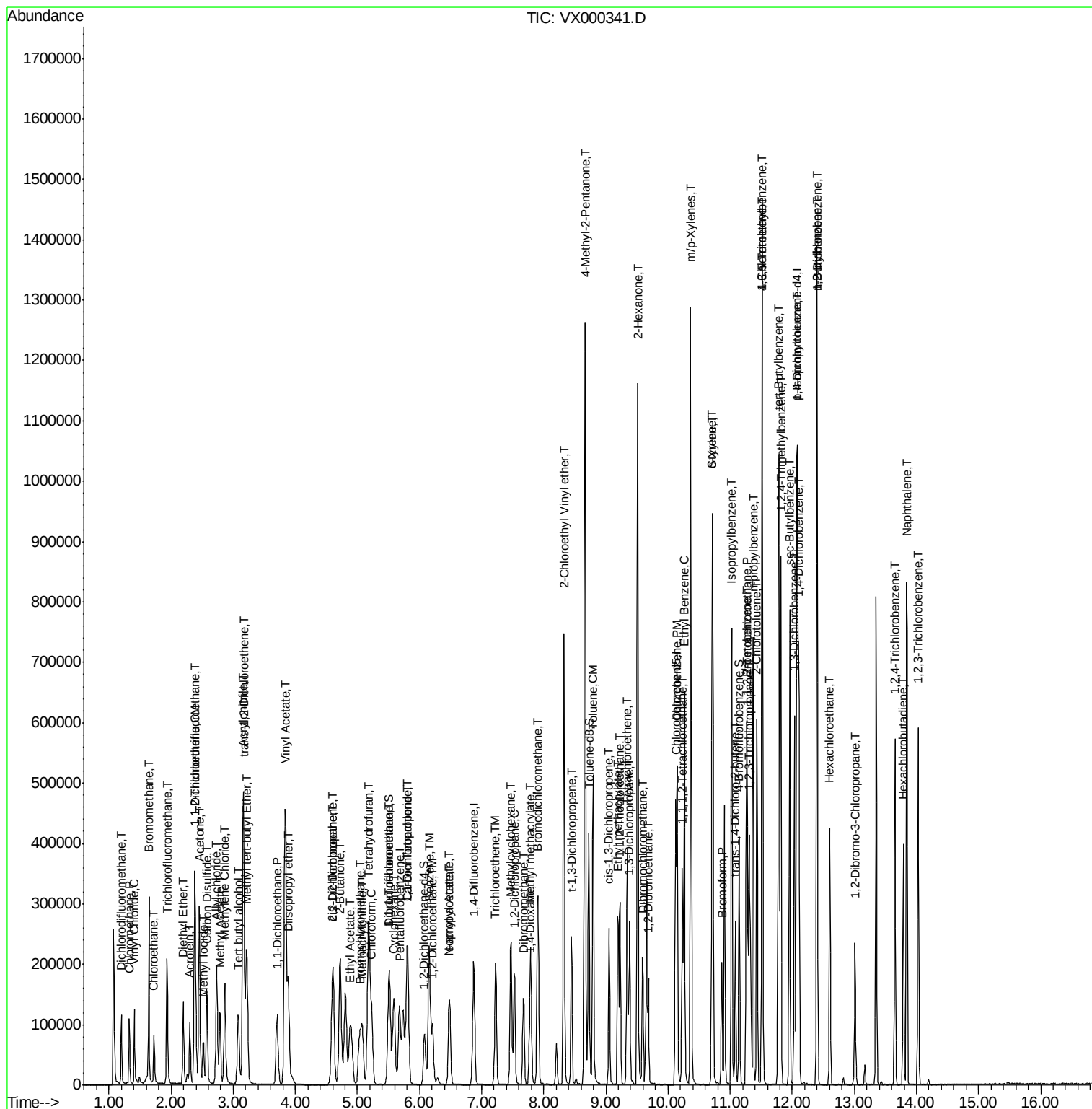
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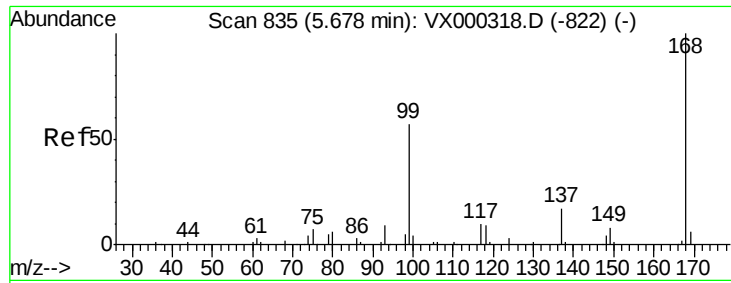
Instrument :
MSVOA_X
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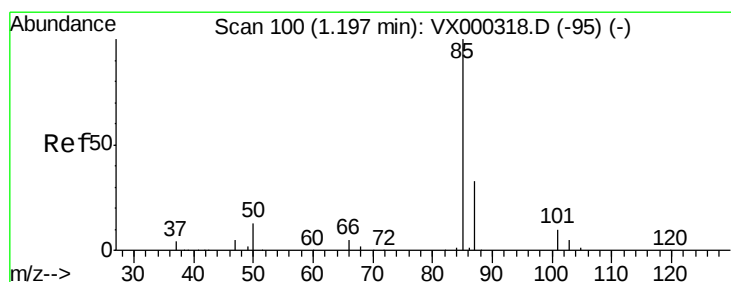
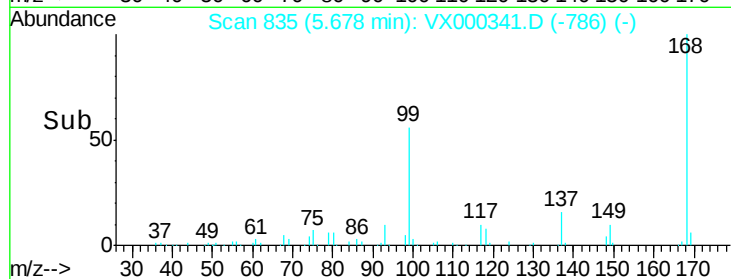
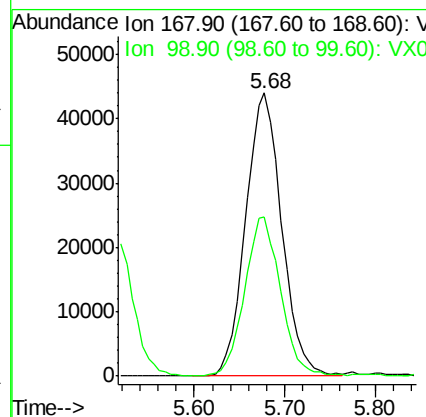
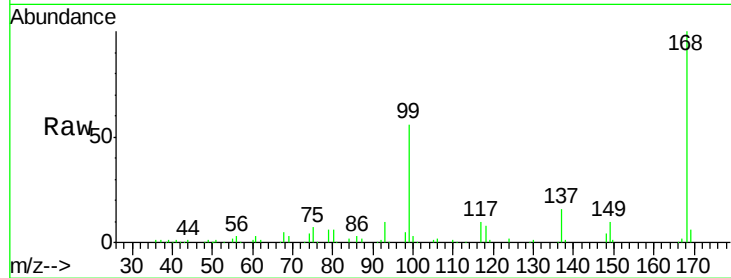
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.9	45.8	68.6

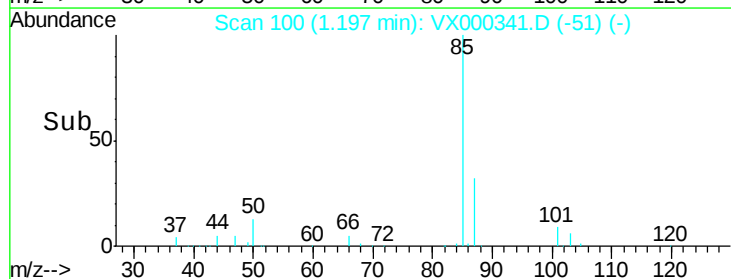
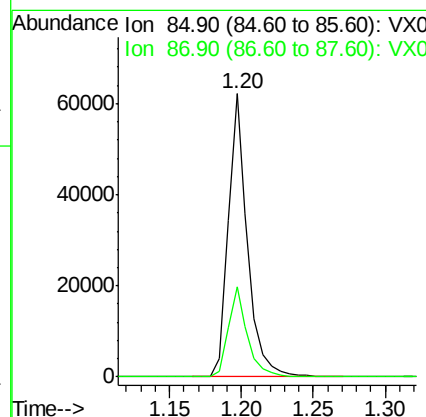
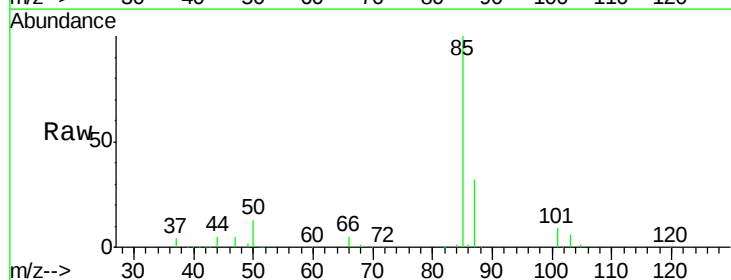
Manual Integrations
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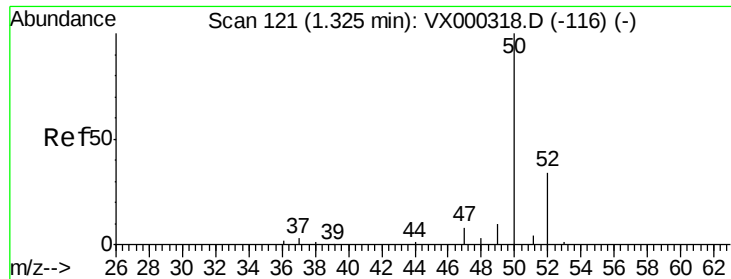
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#2
Dichlorodifluoromethane
Concen: 44.51 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.8	50.3





#3

Chloromethane

Concen: 47.08 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 62882

Ion Ratio Lower Upper

50 100

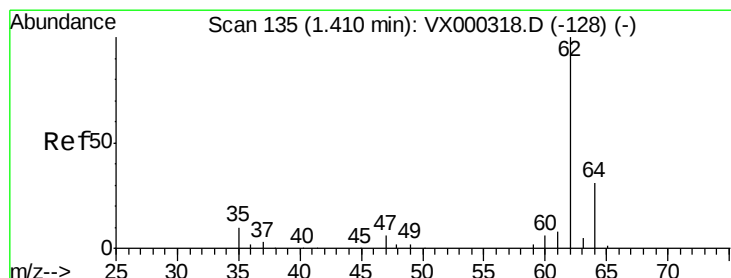
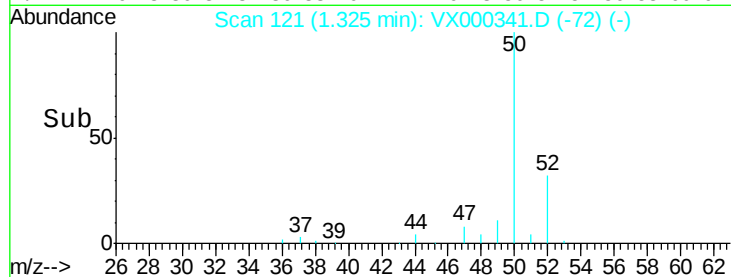
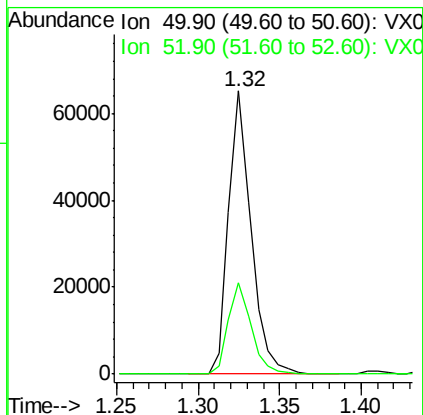
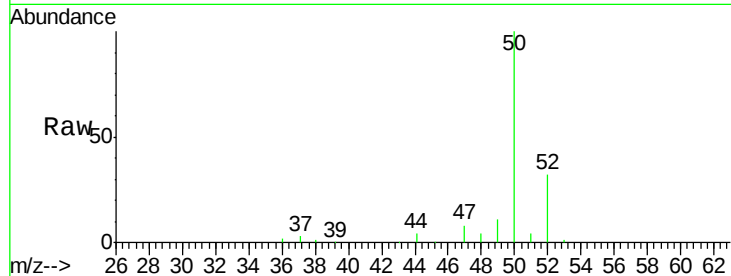
52 32.3 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.69 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX000341.D

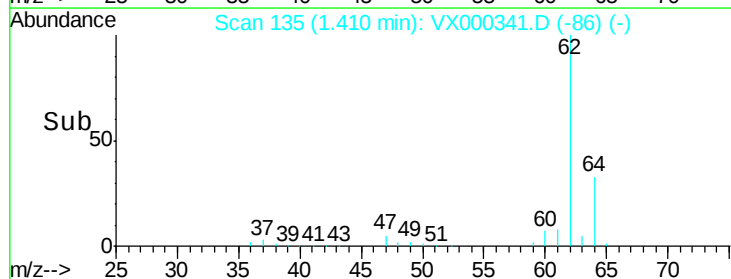
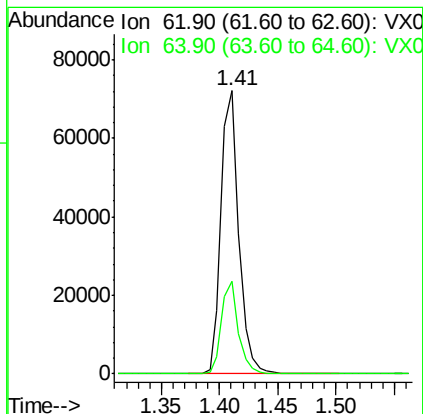
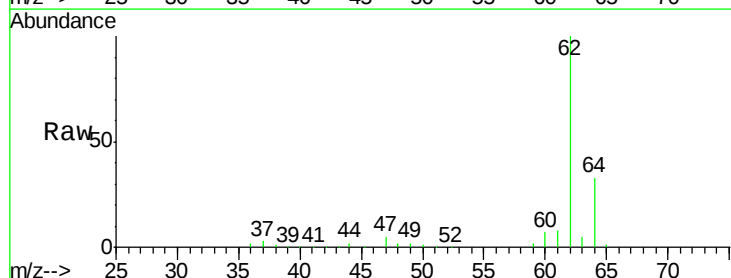
Acq: 15 Mar 2018 20:34

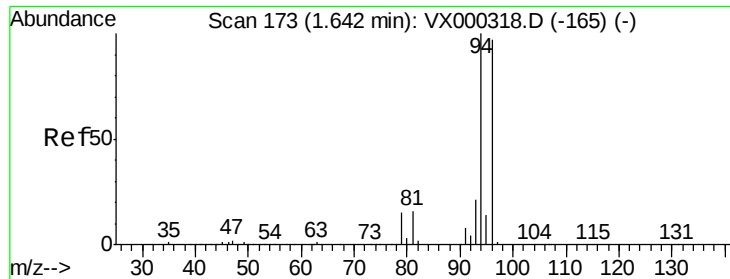
Tgt Ion: 62 Resp: 75835

Ion Ratio Lower Upper

62 100

64 32.9 24.8 37.2





#5

Bromomethane

Concen: 62.03 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 103553

Ion Ratio Lower Upper

94 100

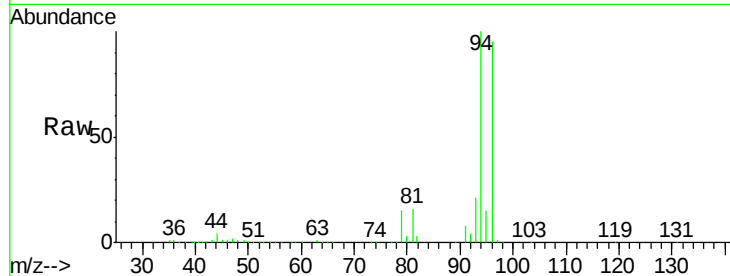
96 94.5 77.7 116.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120000

100000

80000

60000

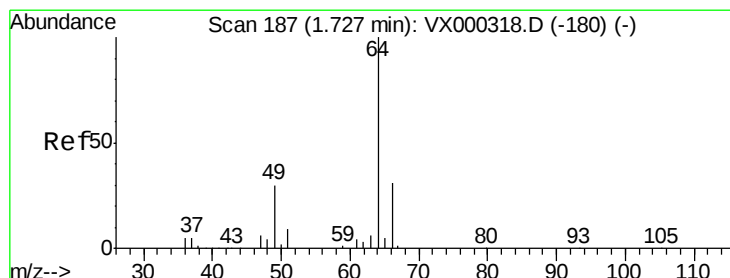
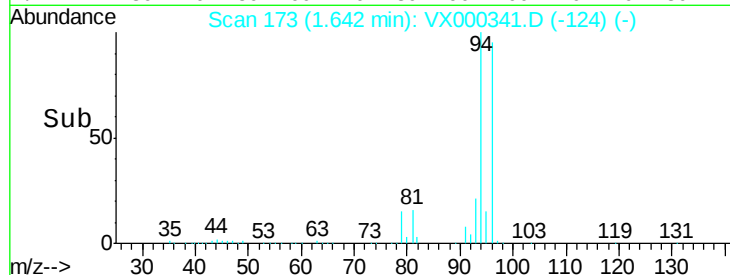
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 47.64 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000341.D

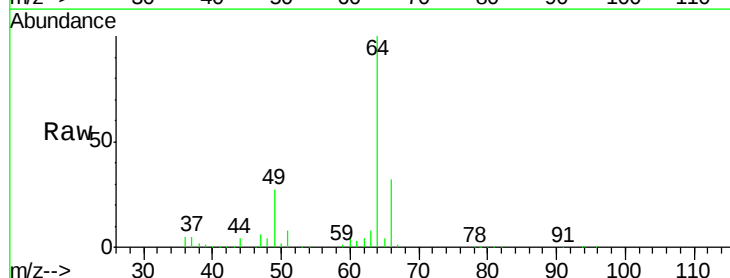
Acq: 15 Mar 2018 20:34

Tgt Ion: 64 Resp: 50658

Ion Ratio Lower Upper

64 100

66 31.7 24.8 37.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

40000

30000

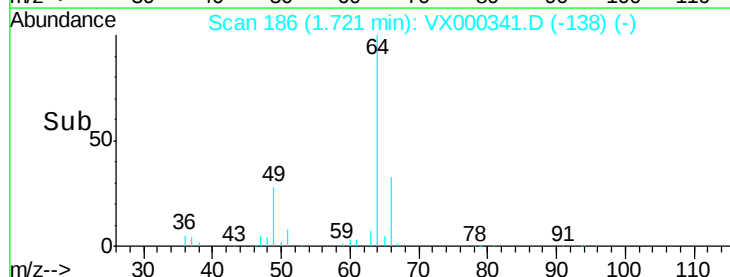
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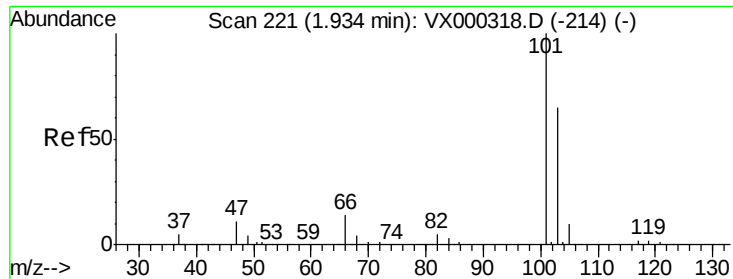
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0

1.65 1.70 1.75 1.80 1.85

Time-->





#7

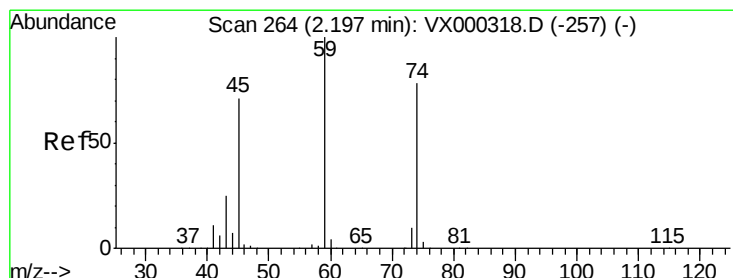
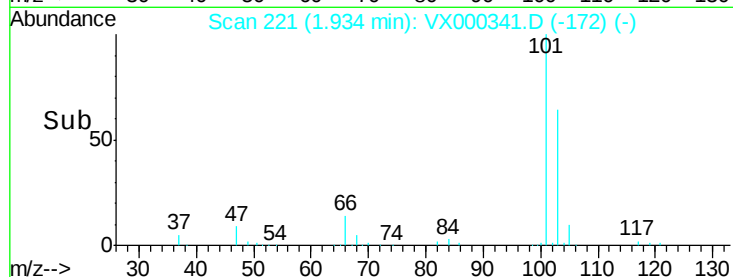
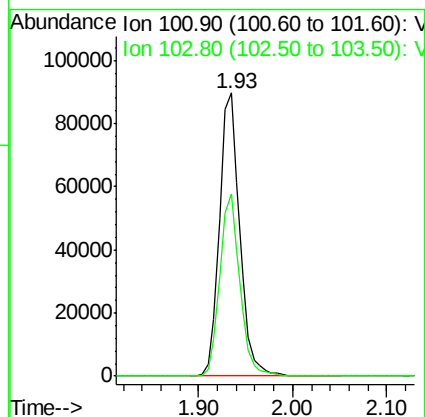
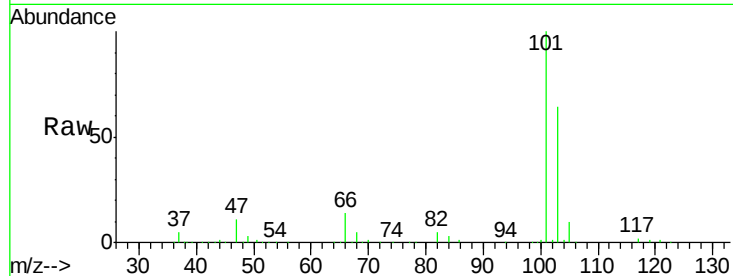
Trichlorofluoromethane
Concen: 51.54 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion:101 Resp: 133911
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

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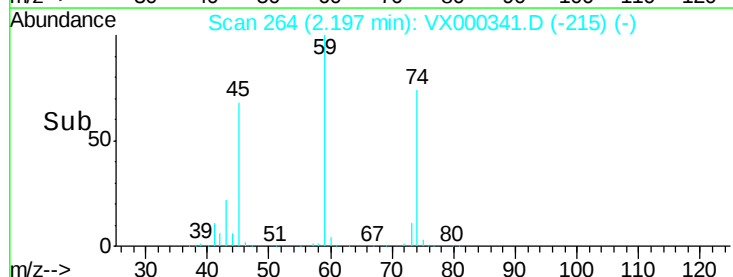
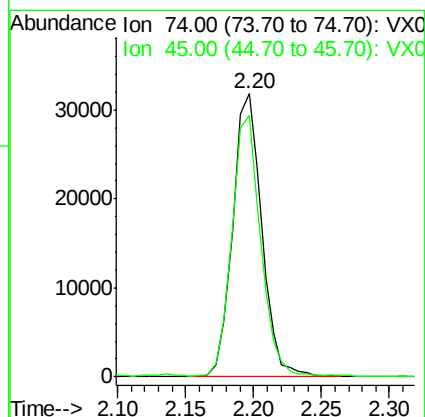
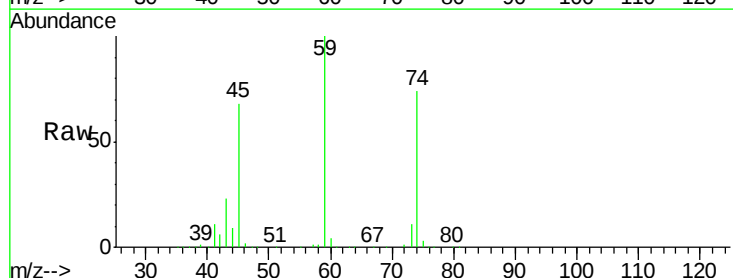
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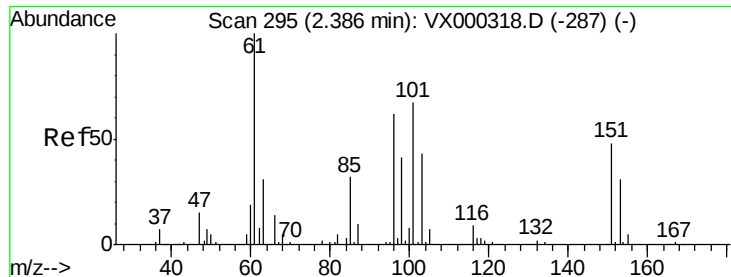


#8

Diethyl Ether
Concen: 51.12 ug/l
RT: 2.20 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 74 Resp: 47286
Ion Ratio Lower Upper
74 100
45 93.0 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.23 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

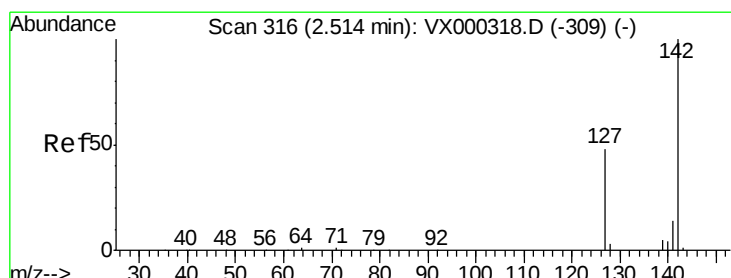
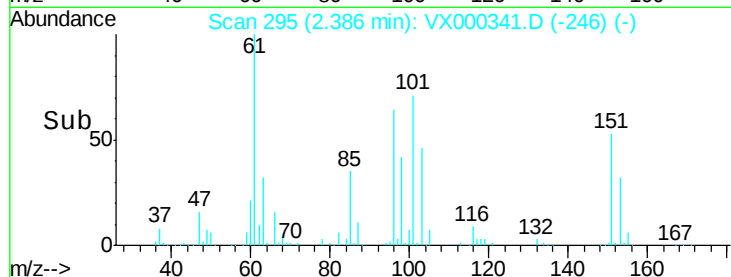
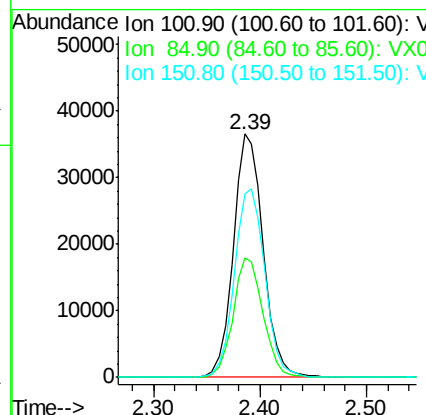
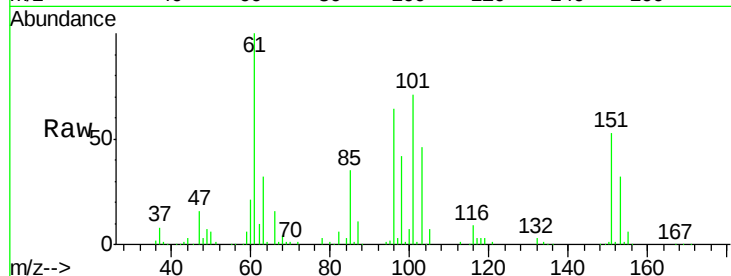
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	71676
Ion Ratio	Lower	Upper	
101	100		
85	49.3	37.6	56.4
151	79.4	62.6	93.8

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#10

Methyl Iodide

Concen: 47.94 ug/l

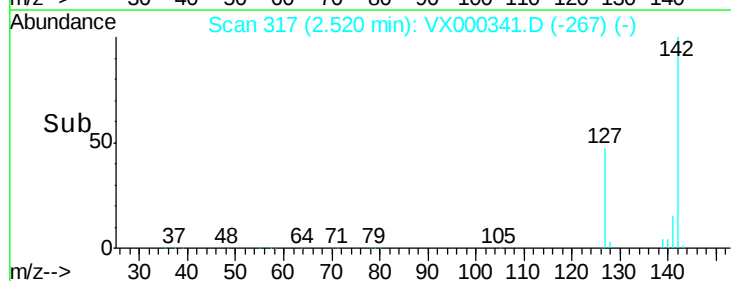
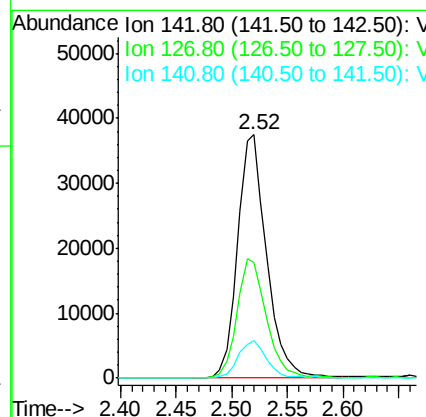
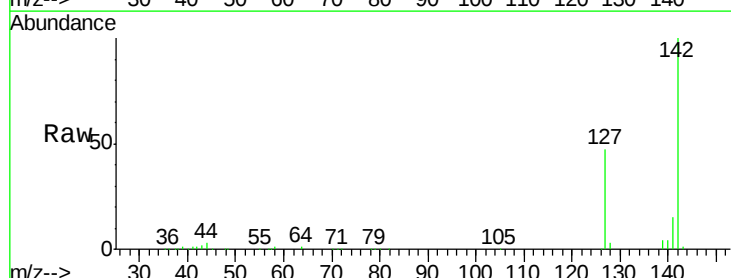
RT: 2.52 min Scan# 317

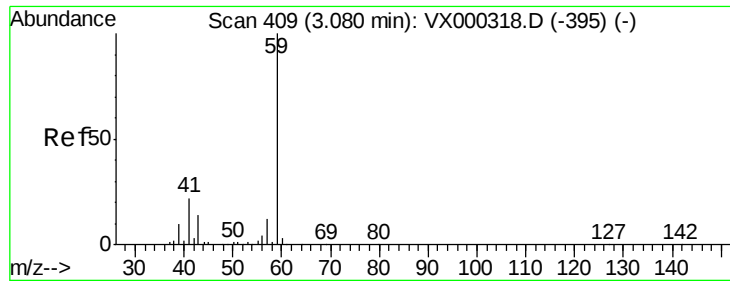
Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Tgt Ion:	142	Resp:	67775
Ion Ratio	Lower	Upper	
142	100		
127	49.8	39.2	58.8
141	15.3	11.7	17.5





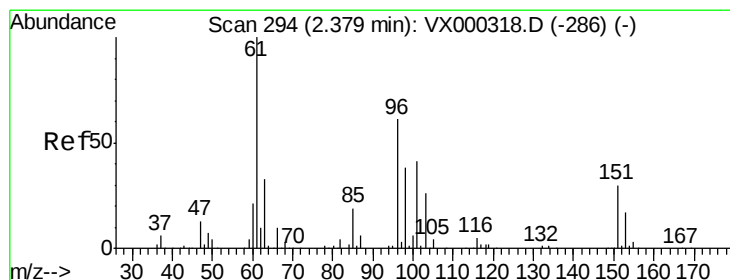
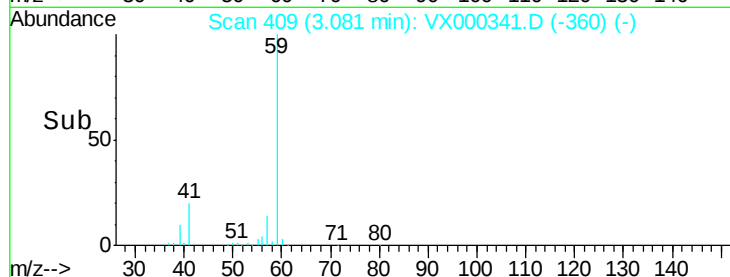
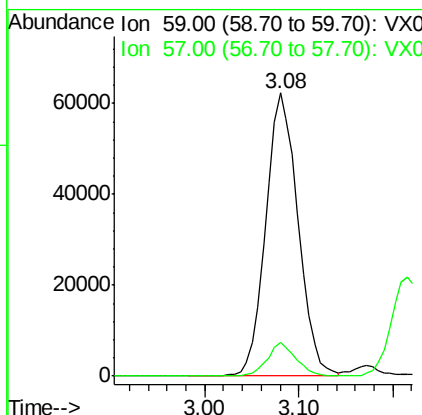
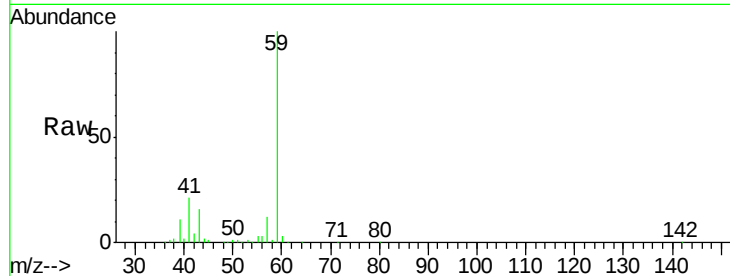
#11
Tert butyl alcohol
Concen: 273.82 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

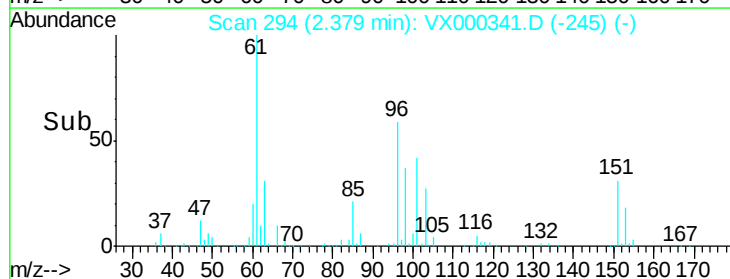
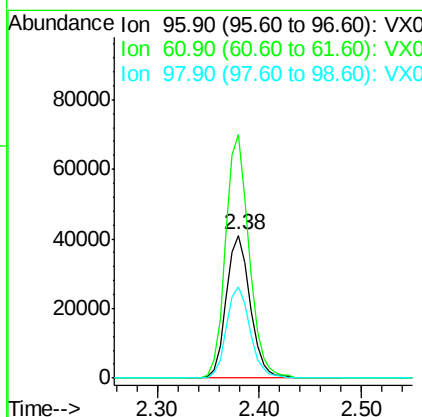
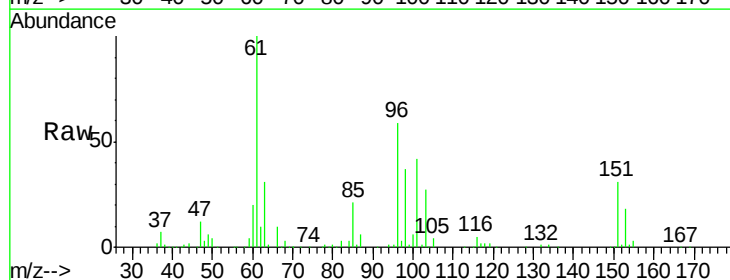
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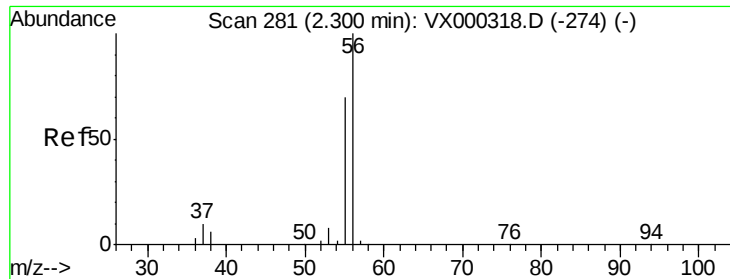
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#12
1,1-Dichloroethene
Concen: 50.27 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.8	131.2	196.8
98	63.9	49.8	74.8





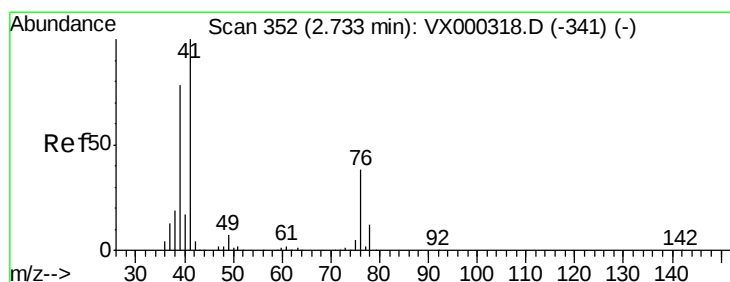
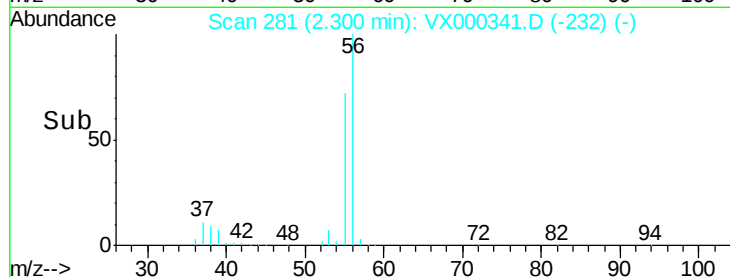
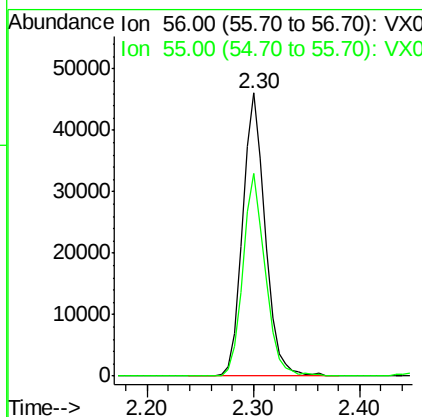
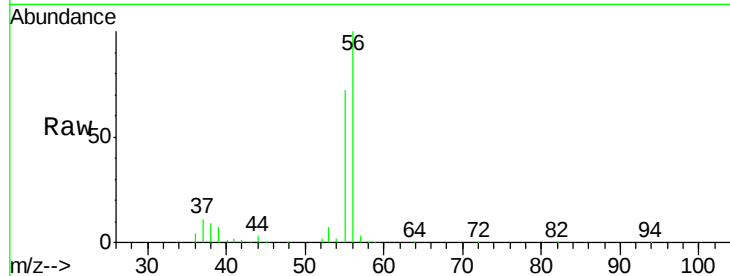
#13
Acrolein
Concen: 293.28 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	55	Ratio	100	71.2	Resp	68695	Lower	58.8	Upper	88.2
Ion											

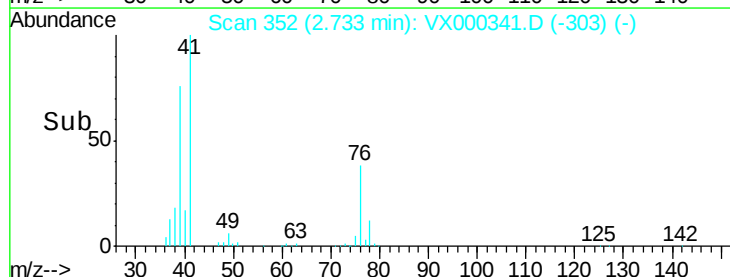
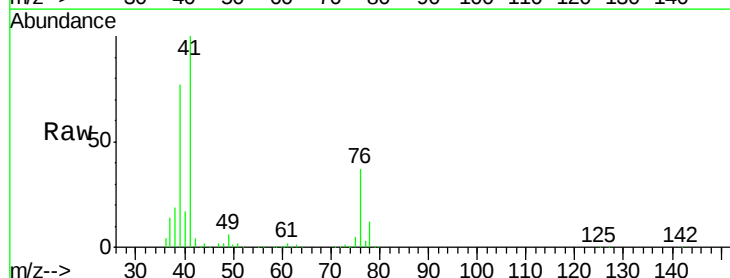
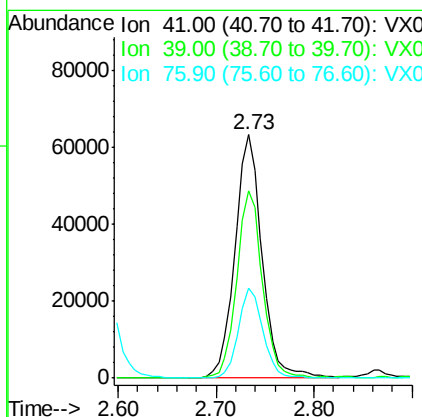
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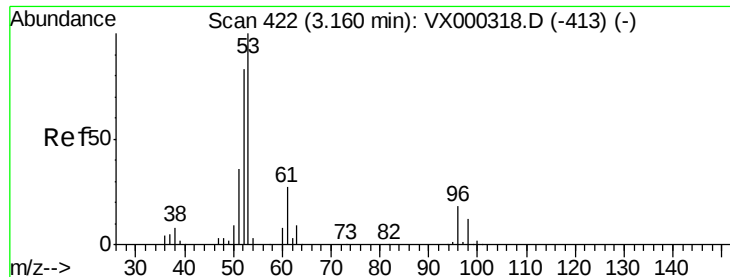
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#14
Allyl chloride
Concen: 51.28 ug/l
RT: 2.73 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	41	39	76	Ratio	100	72.5	33.9	Resp	121412	Lower	57.6	Upper	86.4	40.9
Ion														





#15

Acrylonitrile

Concen: 271.15 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

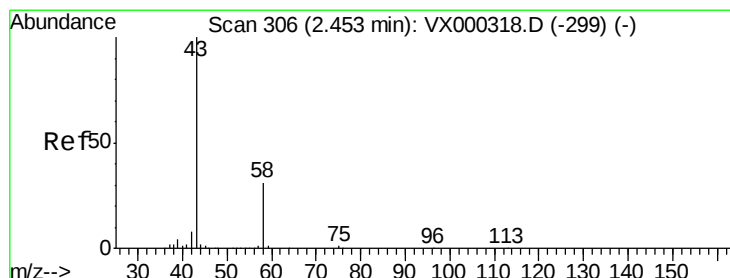
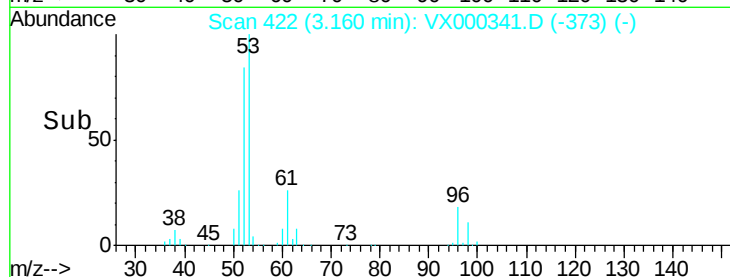
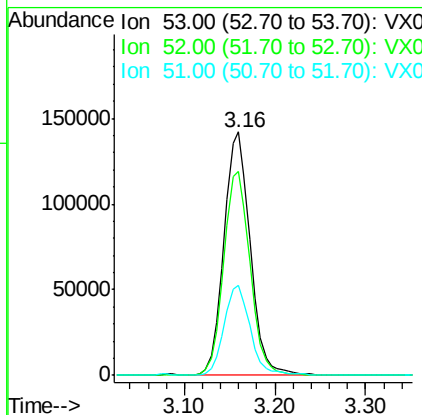
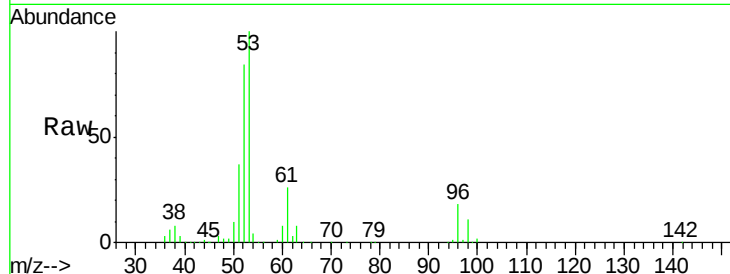
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	284650
Ion Ratio		Lower	Upper
53	100		
52	84.5	66.6	99.8
51	37.1	29.3	43.9

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#16

Acetone

Concen: 271.77 ug/l

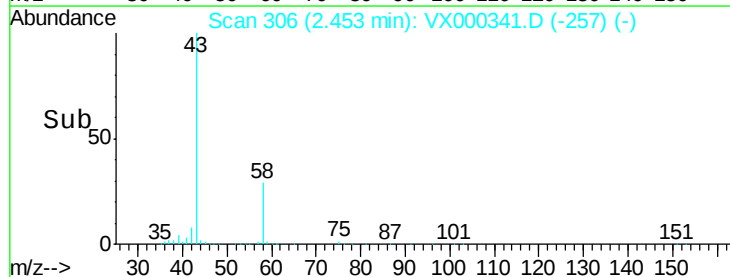
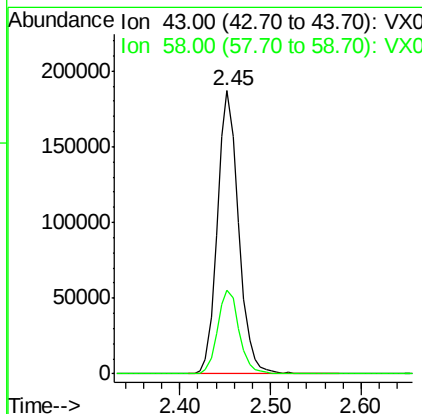
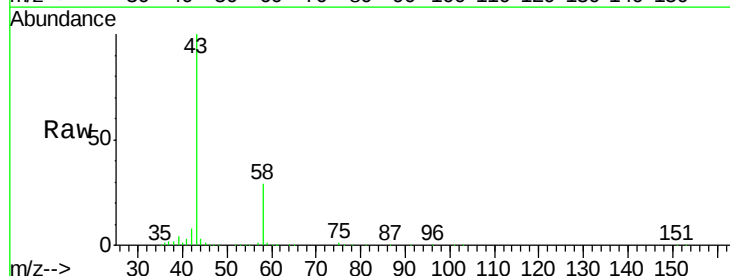
RT: 2.45 min Scan# 306

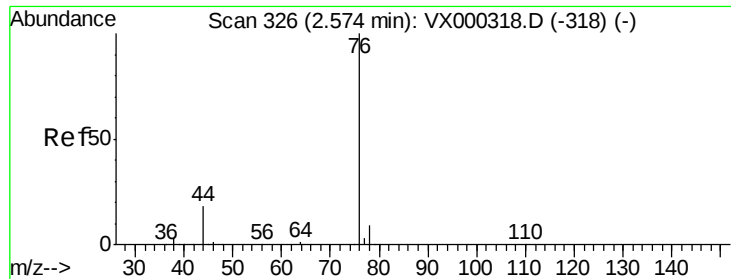
Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Tgt Ion:	43	Resp:	305347
Ion Ratio		Lower	Upper
43	100		
58	29.3	24.7	37.1





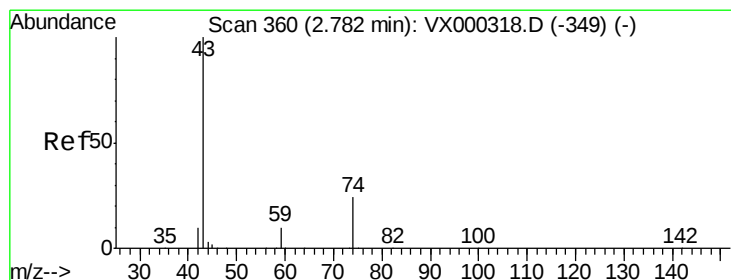
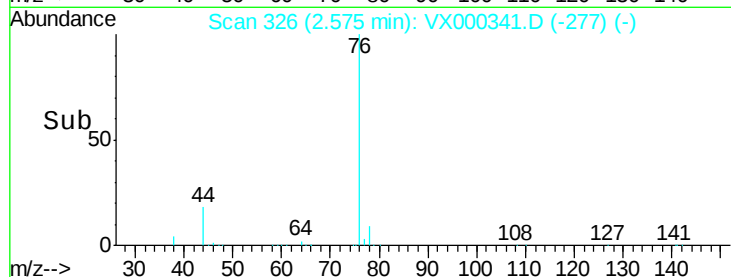
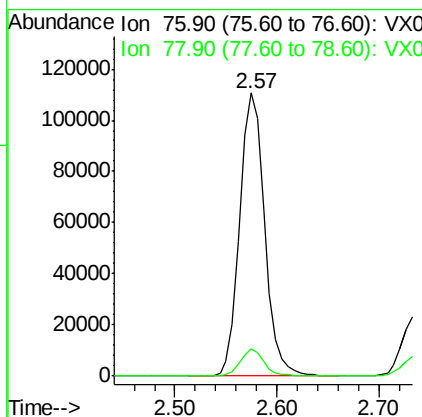
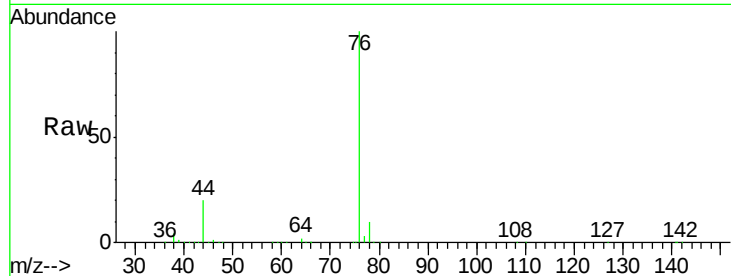
#17
Carbon Disulfide
Concen: 48.47 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

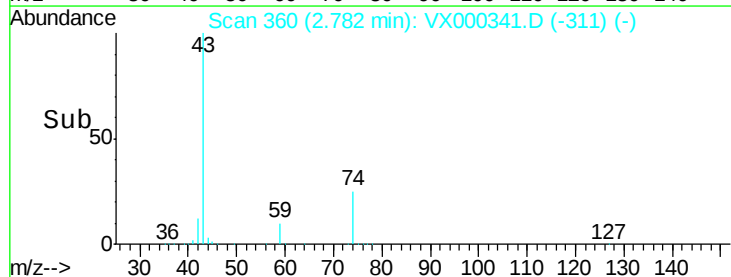
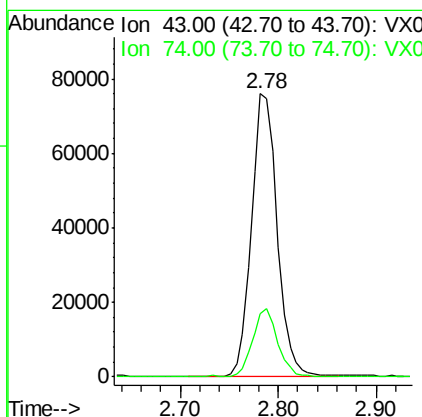
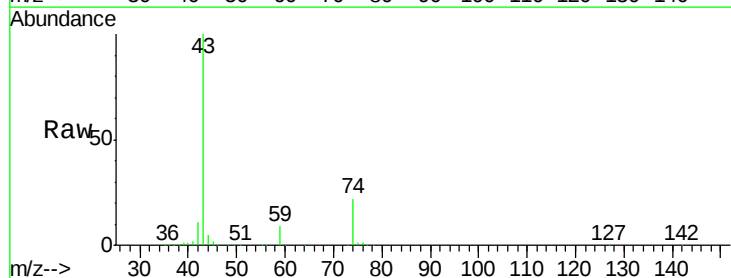
Manual Integrations
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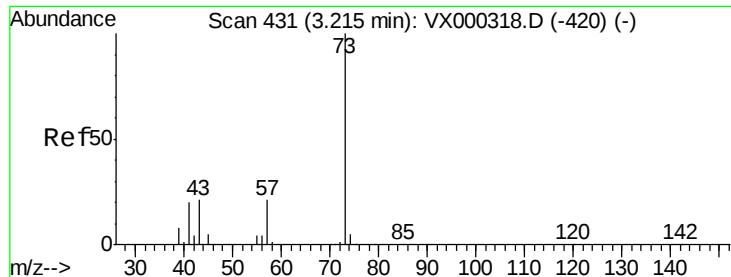
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#18
Methyl Acetate
Concen: 55.02 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	19.4	29.2





#19

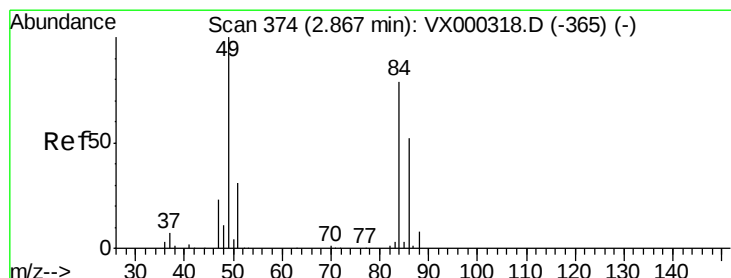
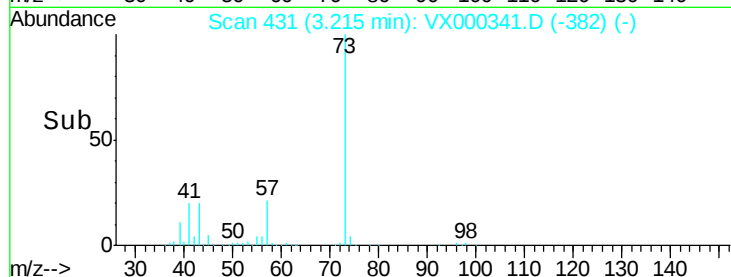
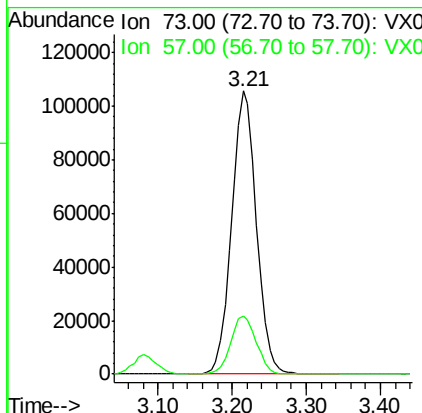
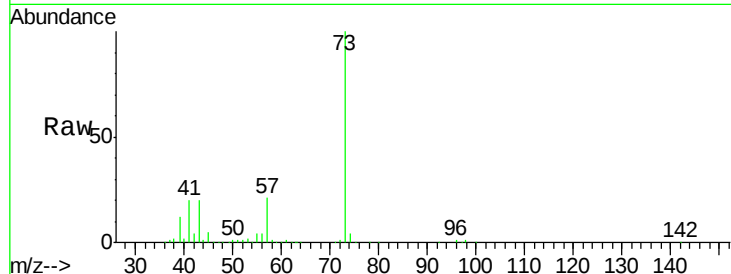
Methyl tert-butyl Ether
 Concen: 52.64 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	17.2	25.8

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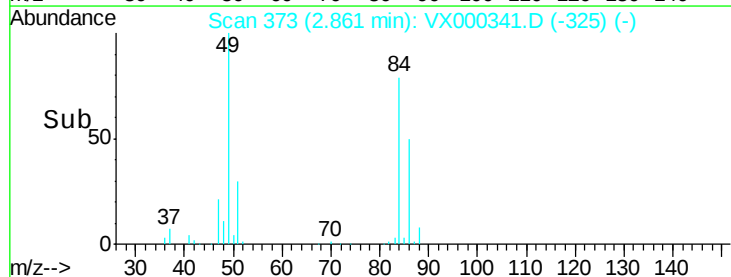
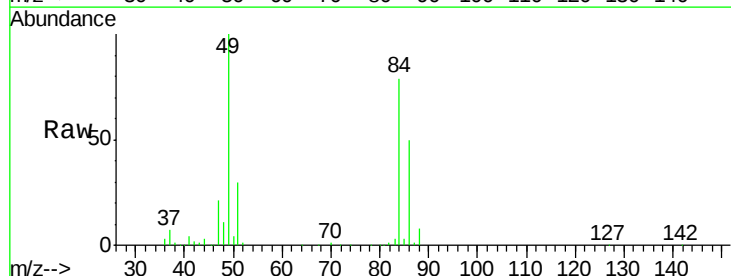
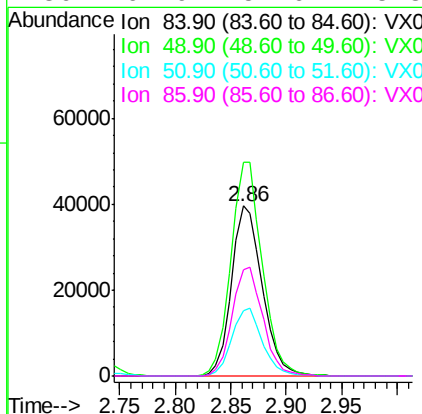
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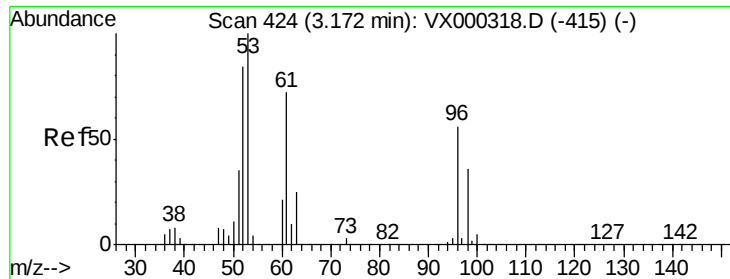


#20

Methylene Chloride
 Concen: 52.30 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.01 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.9	100.6	151.0
51	38.2	31.6	47.4
86	62.9	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 49.41 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

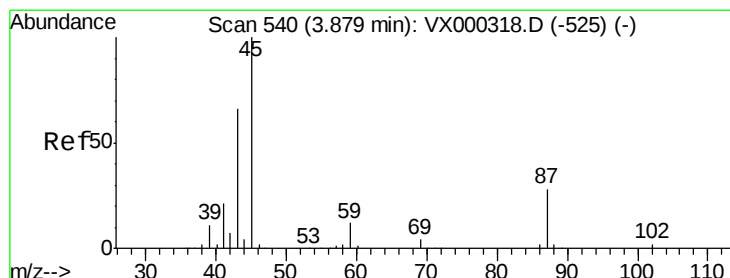
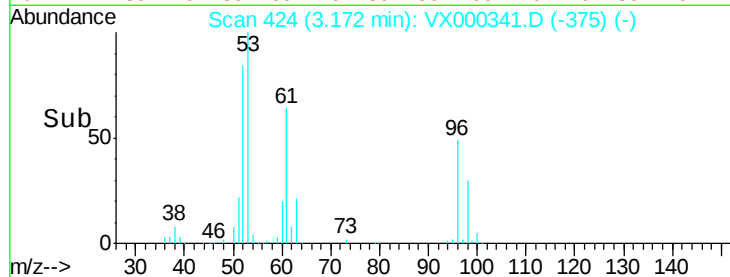
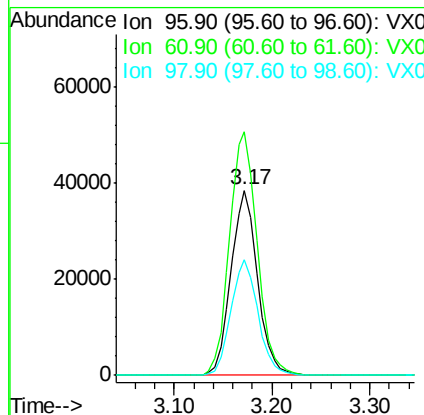
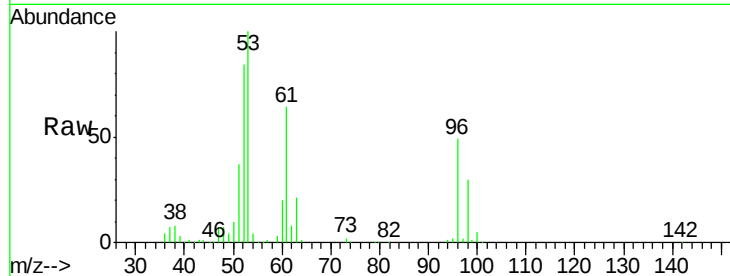
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	72524
Ion	Ratio	Lower	Upper
96	100		
61	131.8	104.0	156.0
98	62.7	52.1	78.1

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#22

Diisopropyl ether

Concen: 47.29 ug/l

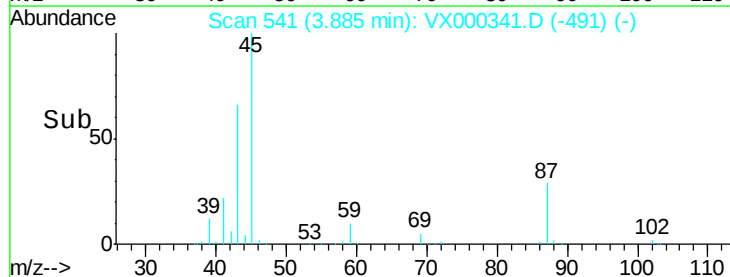
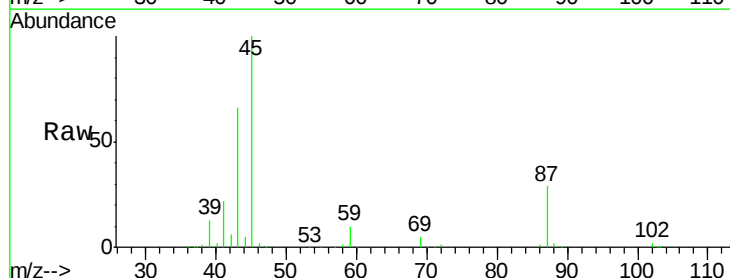
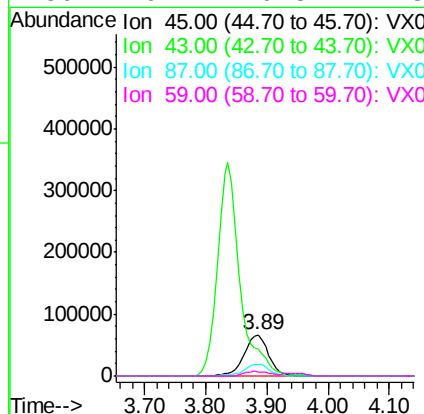
RT: 3.89 min Scan# 541

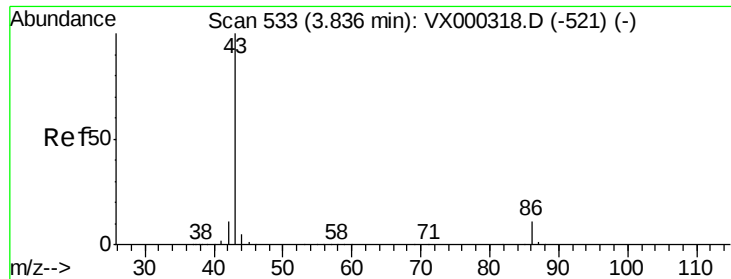
Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Tgt Ion:	45	Resp:	186367
Ion	Ratio	Lower	Upper
45	100		
43	65.5	53.9	80.9
87	28.6	22.6	34.0
59	10.2	9.5	14.3





#23

Vinyl Acetate

Concen: 239.60 ug/l

RT: 3.84 min Scan# 533

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 899913

Ion Ratio Lower Upper

43 100

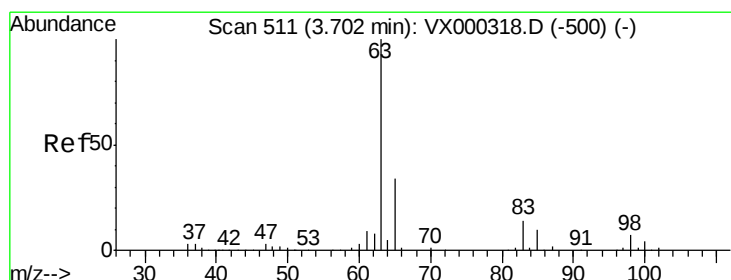
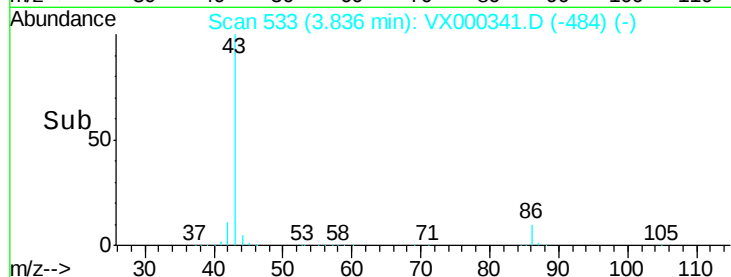
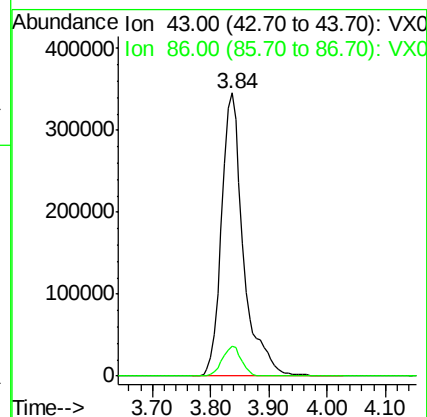
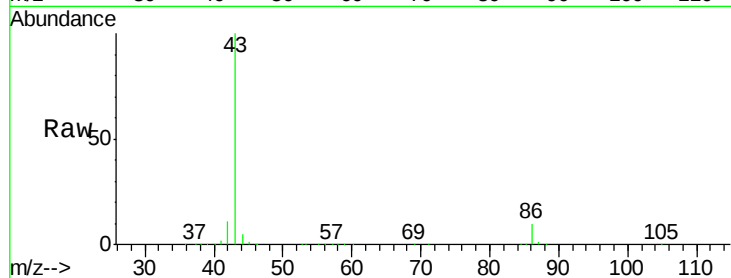
86 10.4 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 52.53 ug/l

RT: 3.71 min Scan# 512

Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

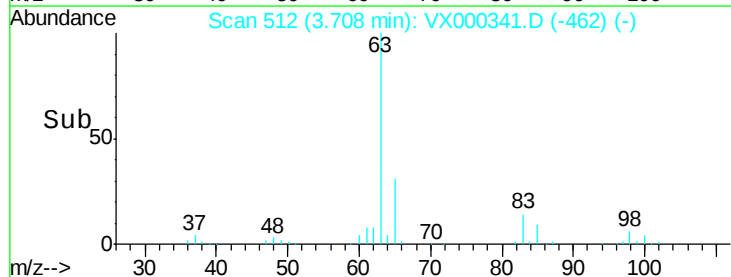
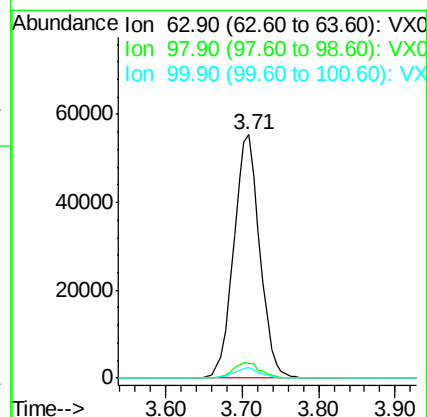
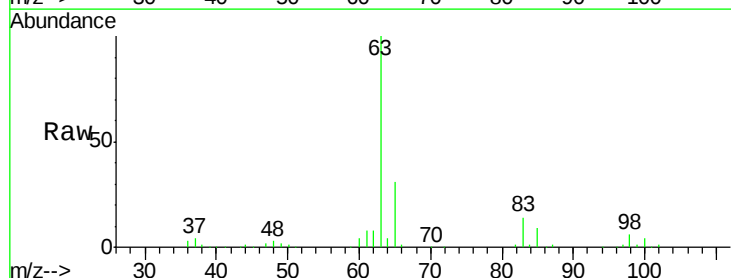
Tgt Ion: 63 Resp: 130229

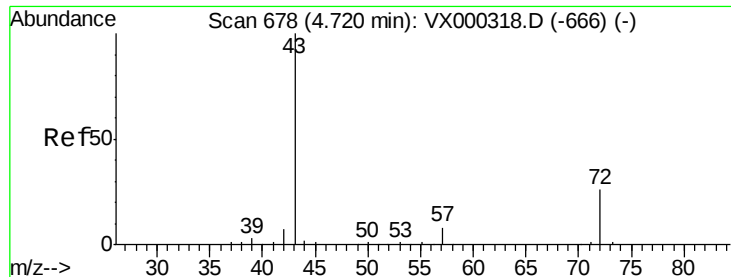
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.9

100 4.2 2.0 5.8





#25

2-Butanone

Concen: 274.32 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 368370

Ion Ratio Lower Upper

43 100

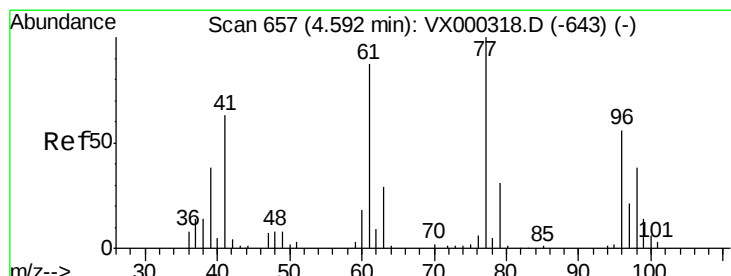
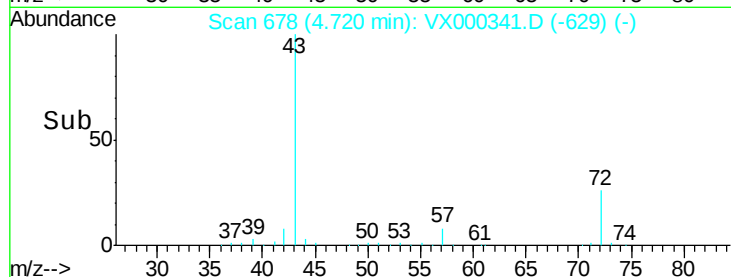
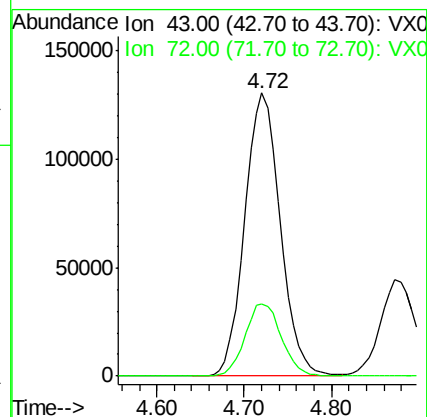
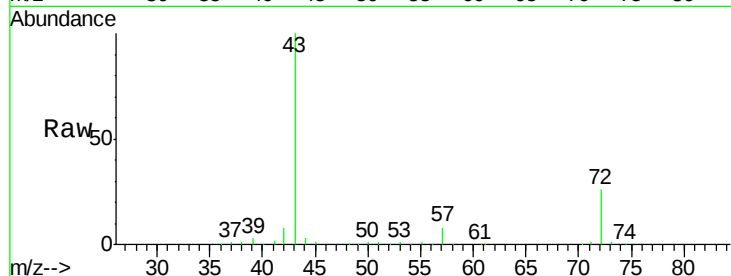
72 25.7 21.0 31.6

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#26

2,2-Dichloropropane

Concen: 49.18 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000341.D

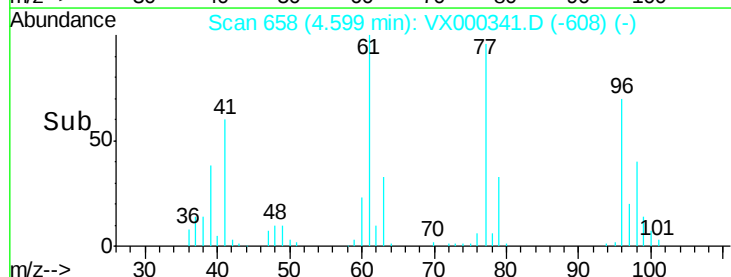
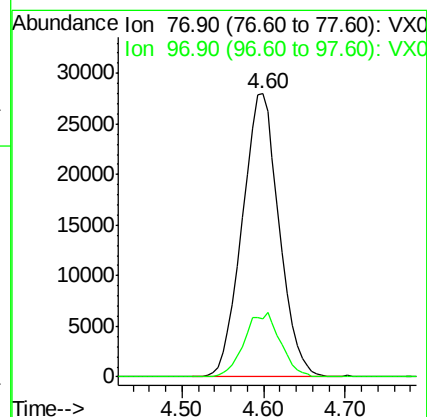
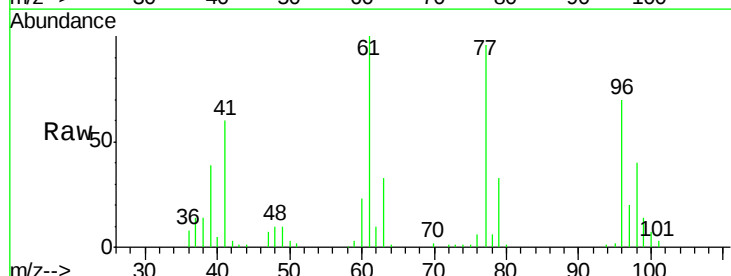
Acq: 15 Mar 2018 20:34

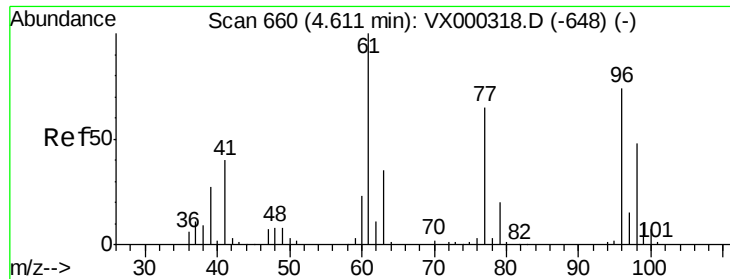
Tgt Ion: 77 Resp: 88000

Ion Ratio Lower Upper

77 100

97 22.3 11.3 33.8





#27

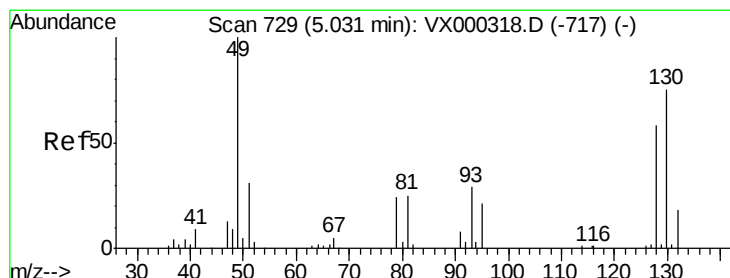
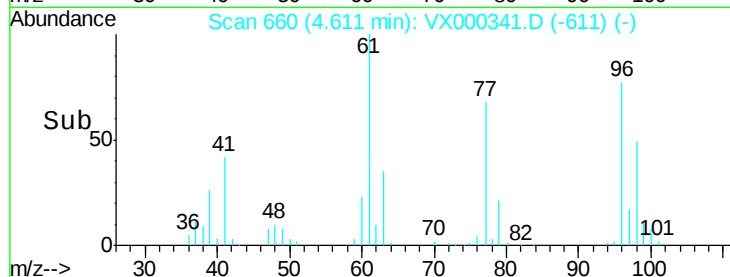
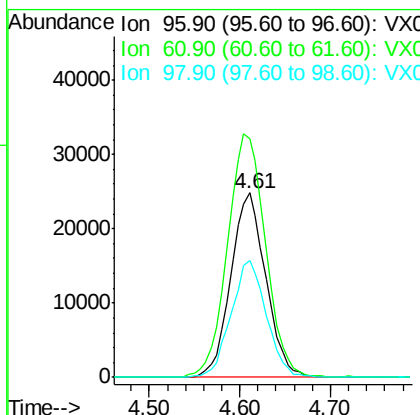
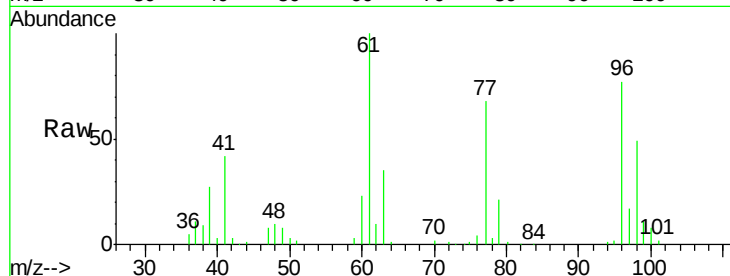
cis-1,2-Dichloroethene
Concen: 49.54 ug/l
RT: 4.61 min Scan# 660
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		66423		
61	143.4	0.0	291.6		
98	63.7	0.0	132.0		

Manual Integrations
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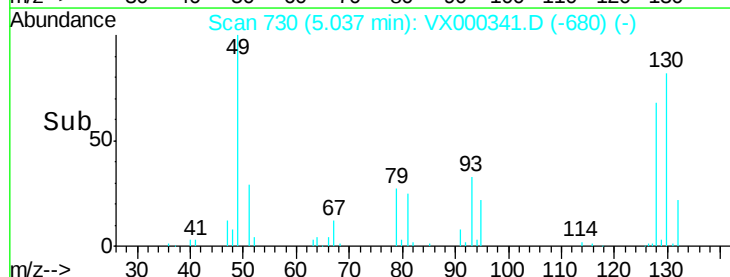
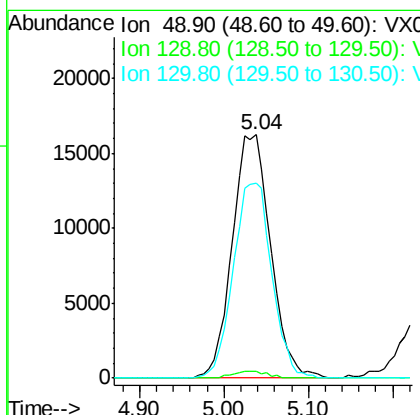
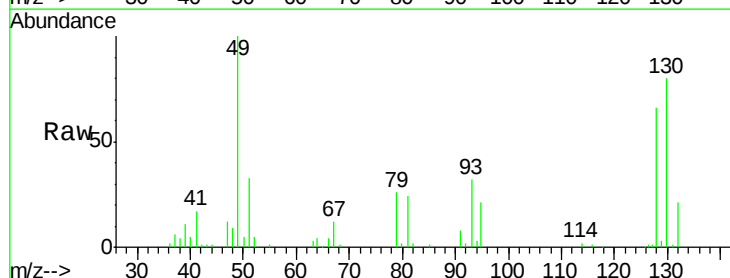
apatel
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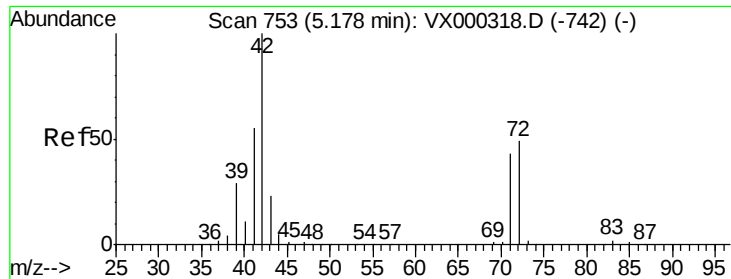


#28

Bromochloromethane
Concen: 48.15 ug/l
RT: 5.04 min Scan# 730
Delta R.T. 0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		50170		
129	2.4	0.0	5.0		
130	80.1	64.0	96.0		





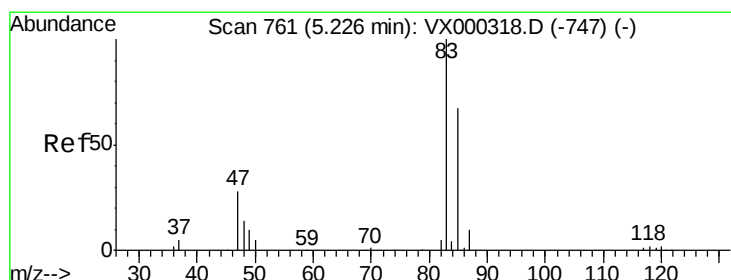
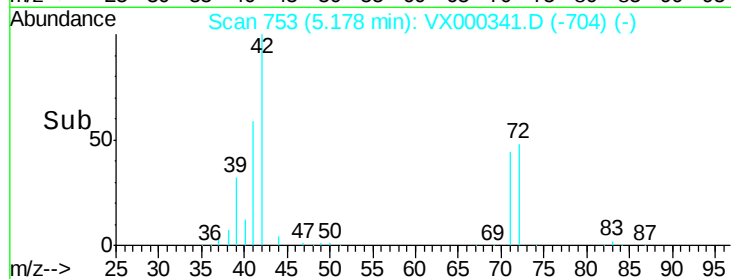
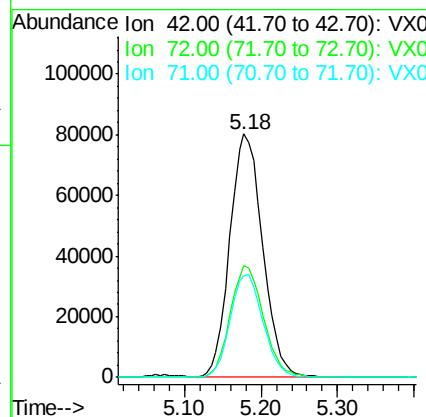
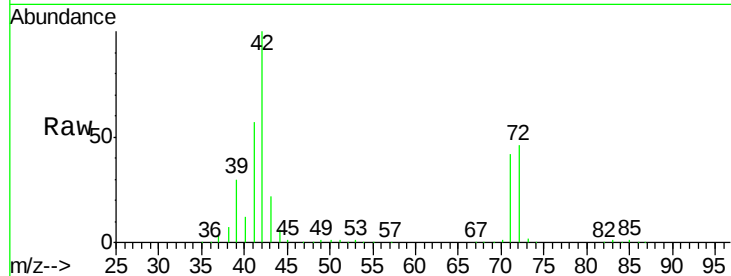
#29
Tetrahydrofuran
Concen: 275.57 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.9	56.9
71	42.3	34.4	51.6

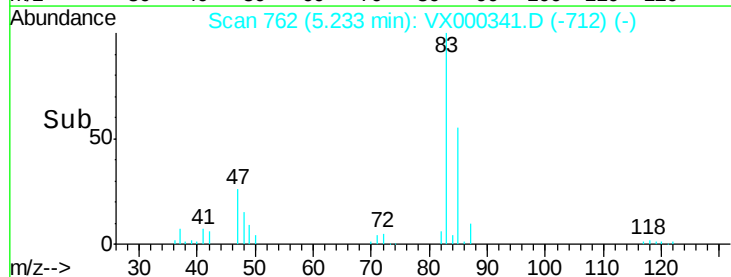
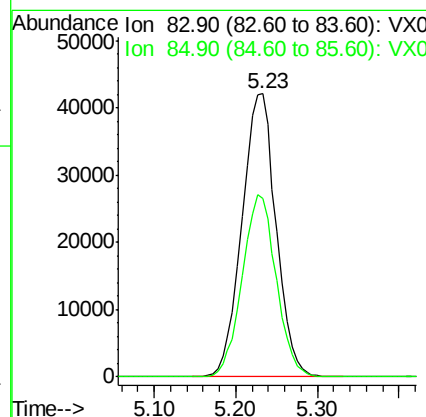
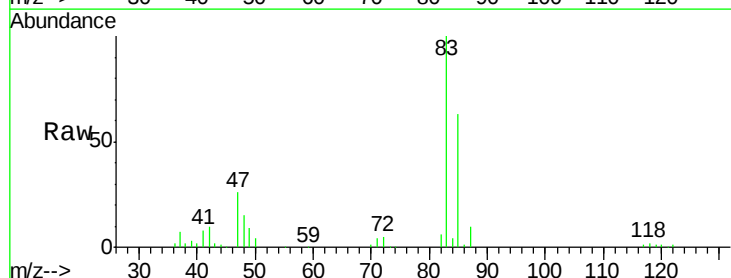
Manual Integrations
APPROVED

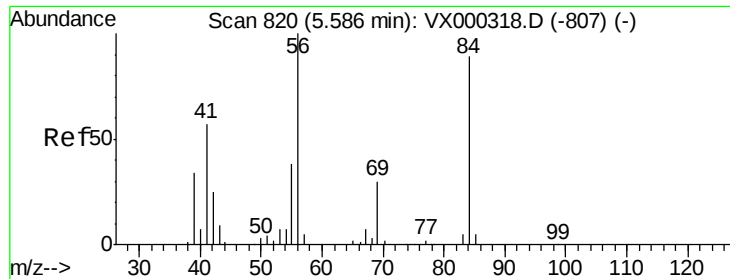
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#30
Chloroform
Concen: 52.26 ug/l
RT: 5.23 min Scan# 762
Delta R.T. 0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	53.3	79.9





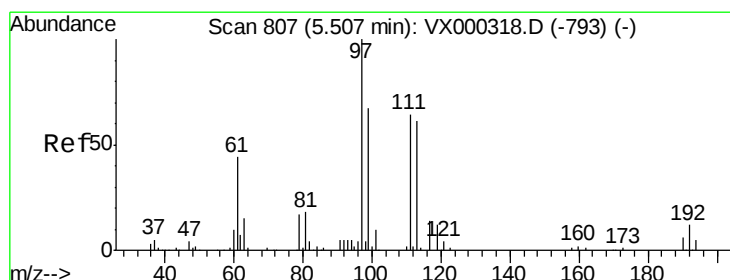
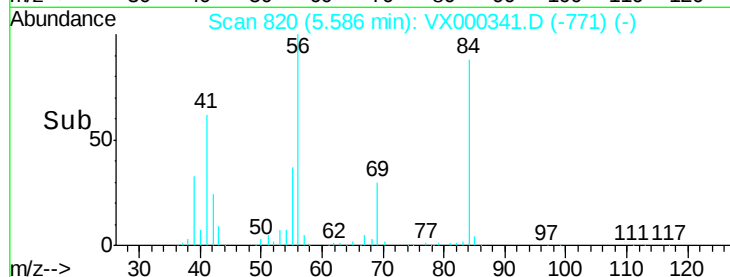
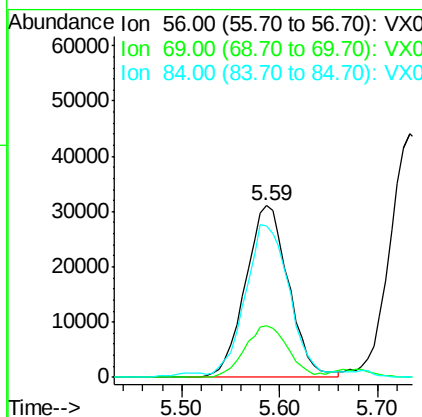
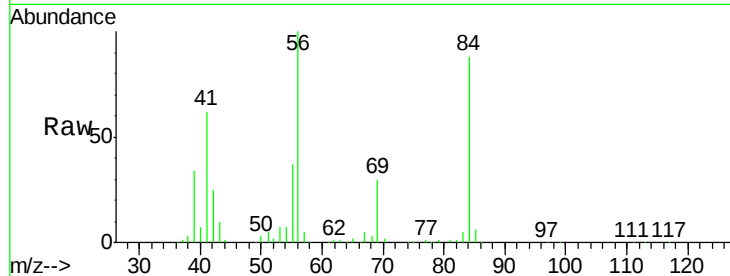
#31
Cyclohexane
Concen: 50.03 ug/l
RT: 5.59 min Scan# 820
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.4	35.0
84	85.3	71.0	106.4

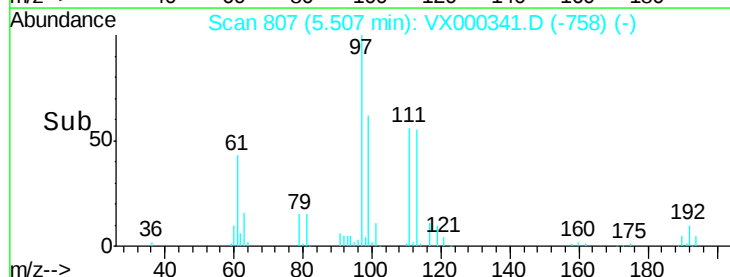
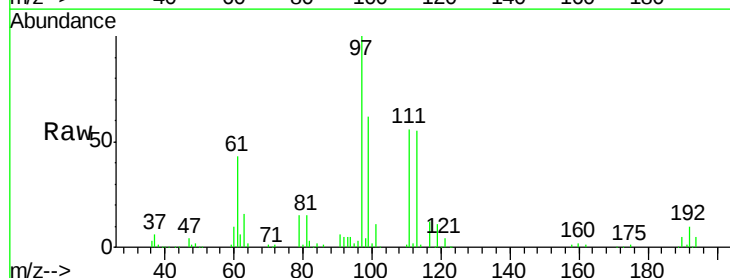
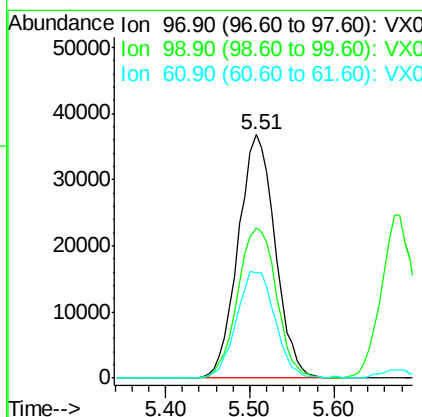
Manual Integrations
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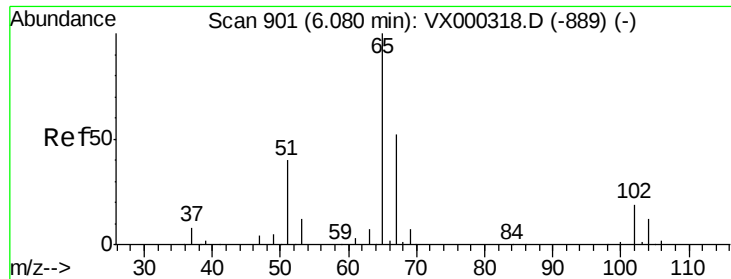
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#32
1,1,1-Trichloroethane
Concen: 52.77 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.1	78.1
61	45.7	36.2	54.4





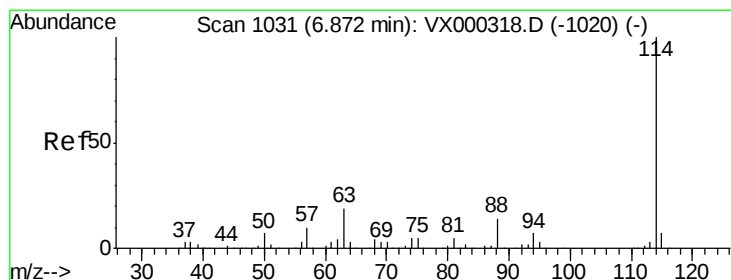
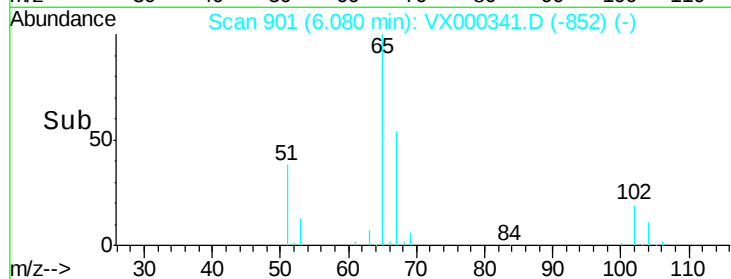
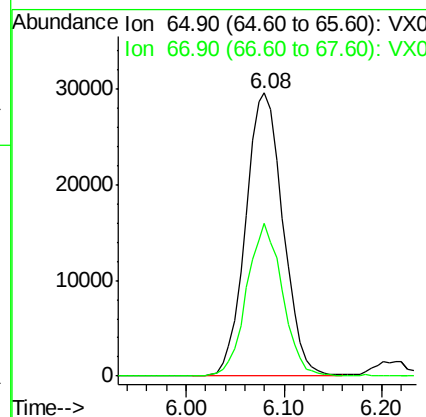
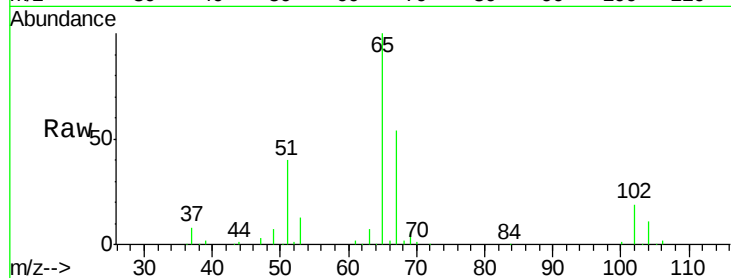
#33
 1,2-Dichloroethane-d4
 Concen: 46.52 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.2

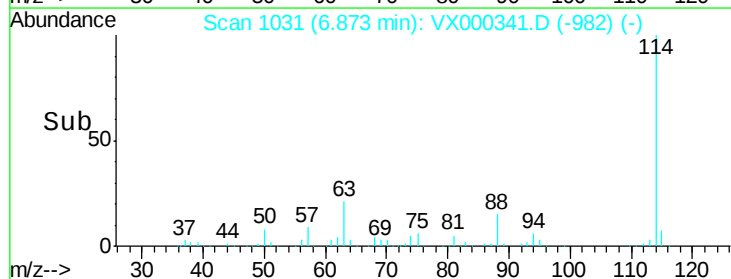
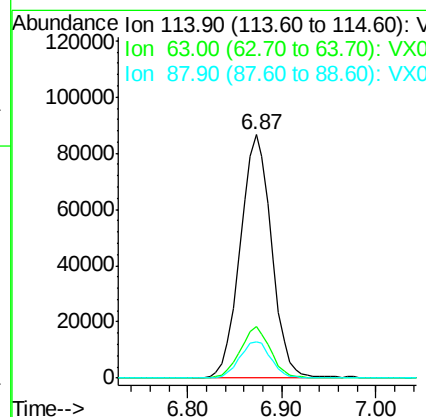
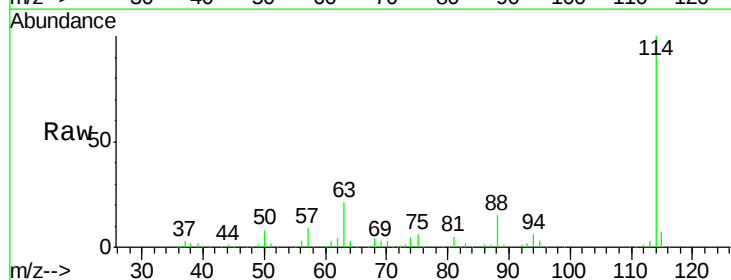
Manual Integrations
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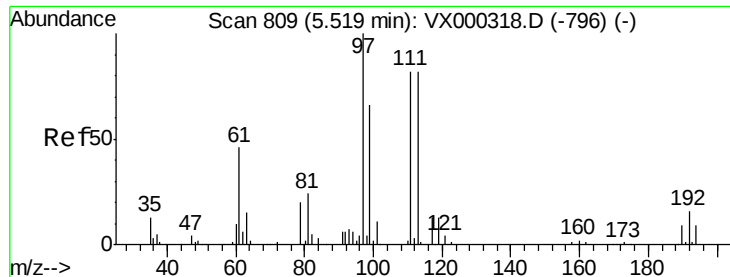
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	38.4
88	15.0	0.0	27.0





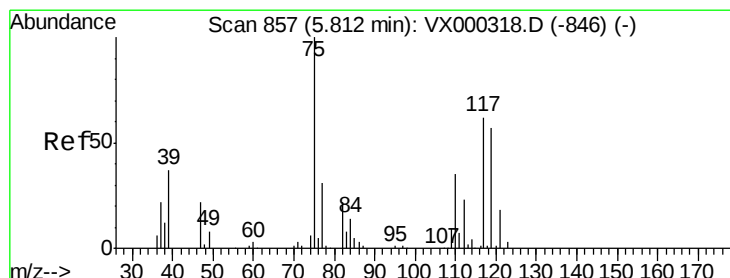
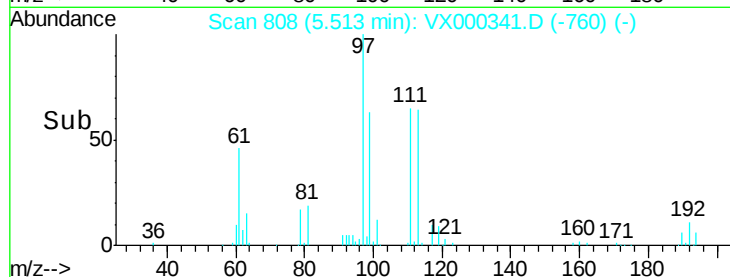
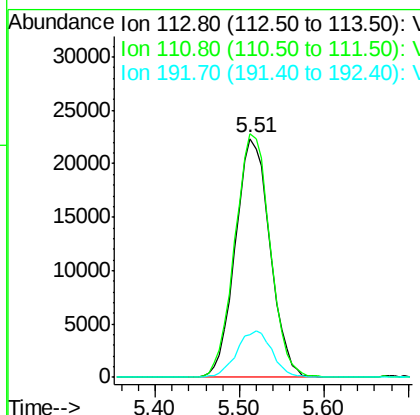
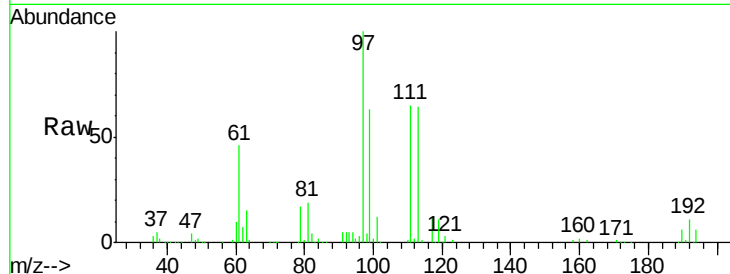
#35
 Dibromofluoromethane
 Concen: 49.03 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	19.9	15.8	23.6

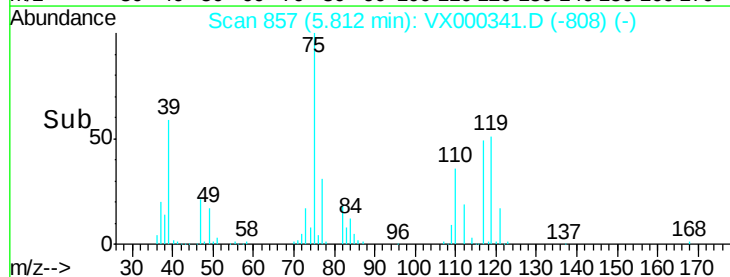
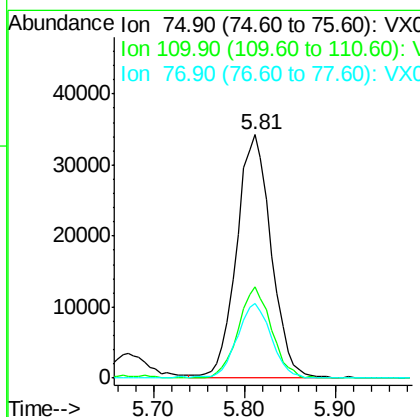
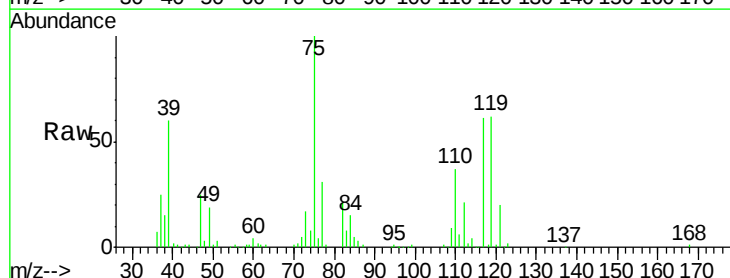
Manual Integrations
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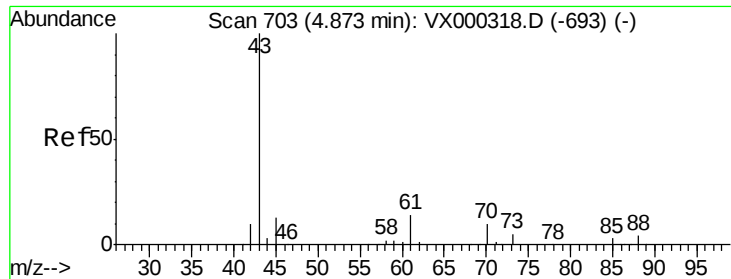
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#36
 1,1-Dichloropropene
 Concen: 49.11 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	17.9	53.7
77	30.7	24.0	36.0





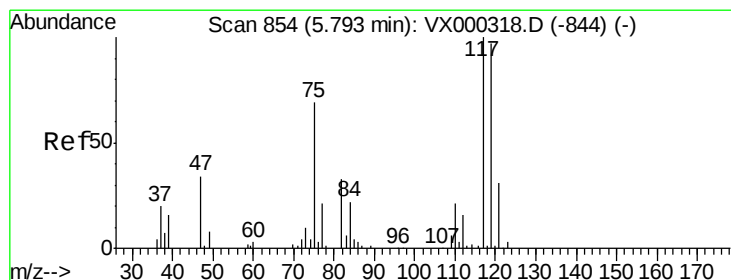
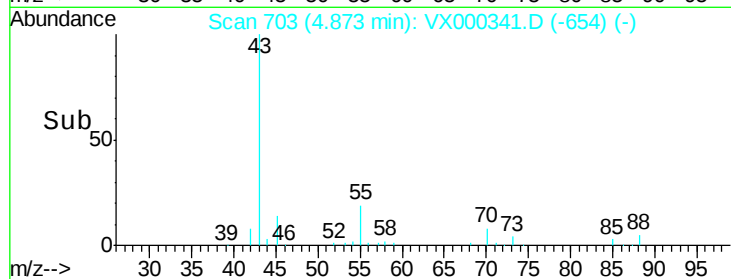
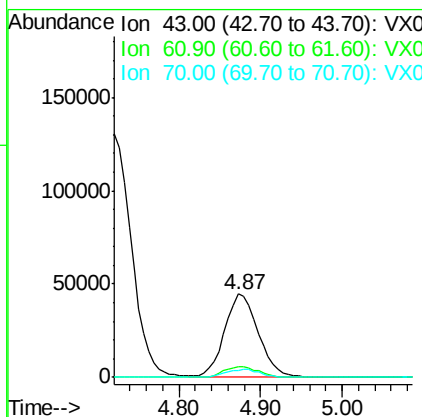
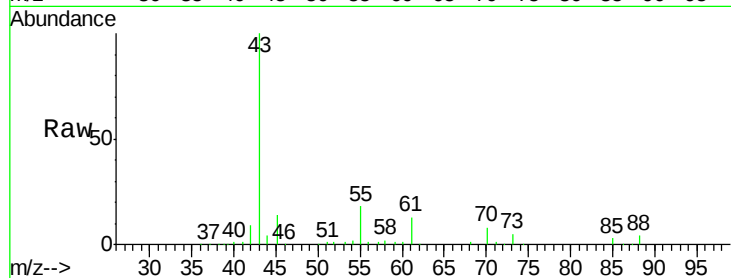
#37
Ethyl Acetate
Concen: 52.07 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.1	16.7
70	10.0	7.7	11.5

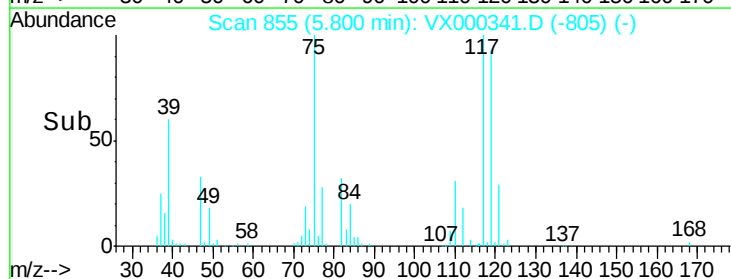
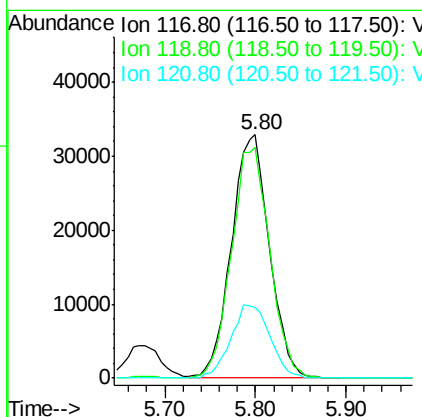
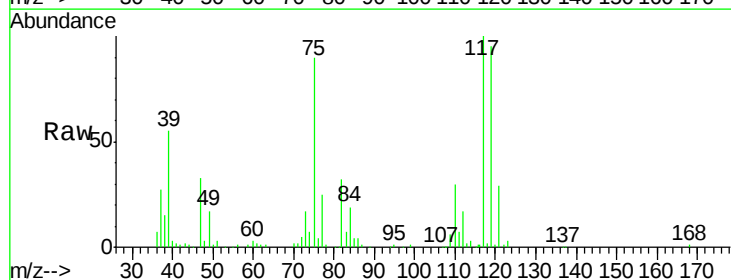
Manual Integrations
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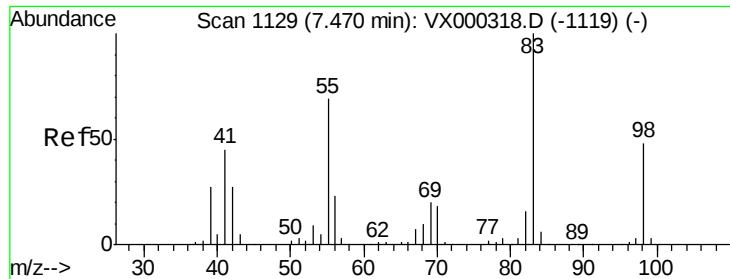
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#38
Carbon Tetrachloride
Concen: 51.88 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.2
121	29.3	24.8	37.2





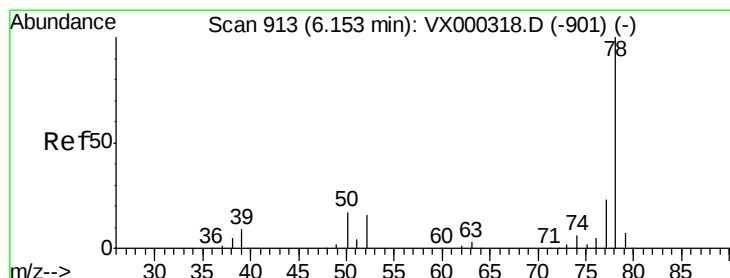
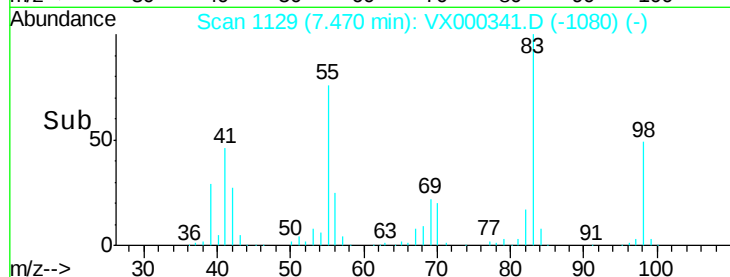
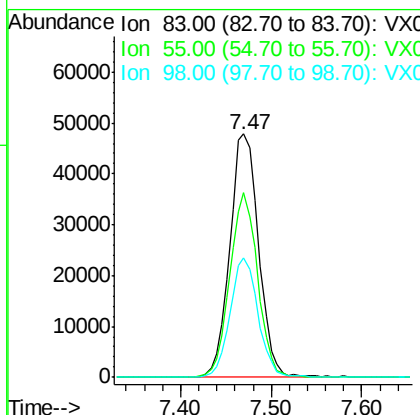
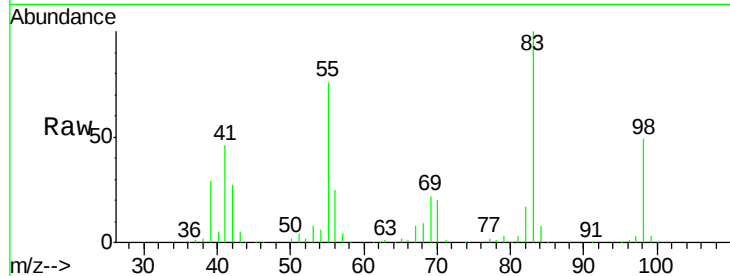
#39
Methvlcvclohexane
Concen: 49.66 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	105912
Ion Ratio	Lower	Upper	
83	100		
55	76.1	55.5	83.3
98	49.1	38.2	57.4

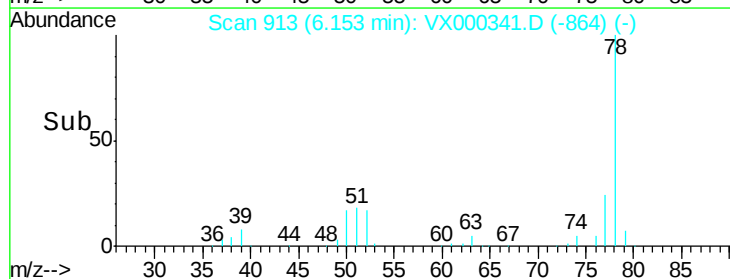
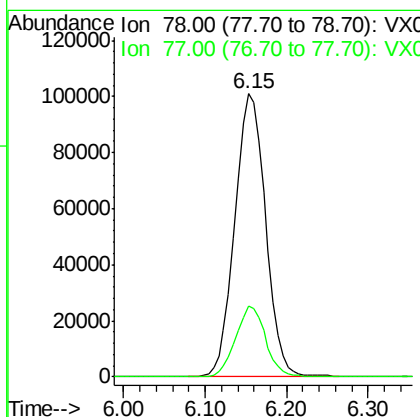
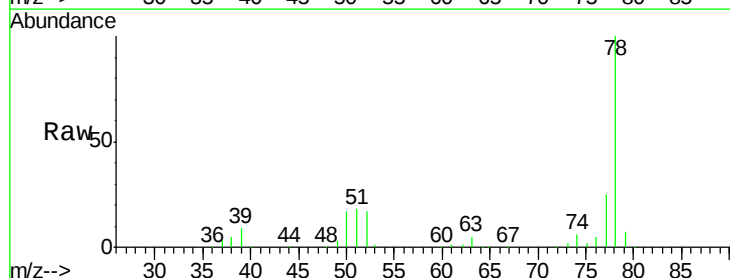
Manual Integrations
APPROVED

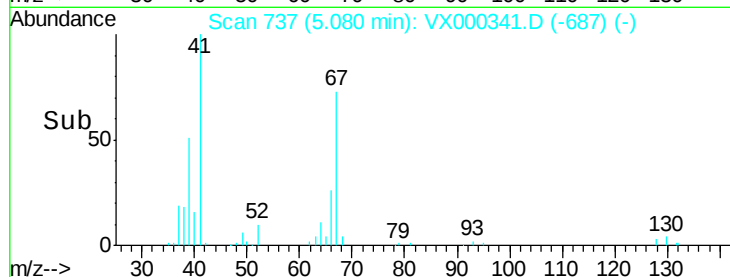
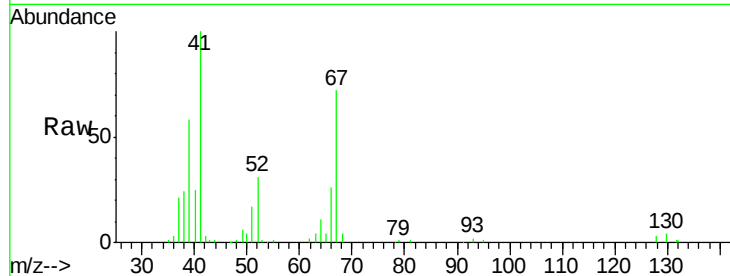
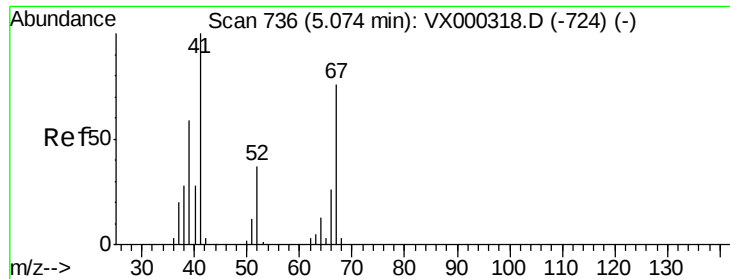
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#40
Benzene
Concen: 50.91 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

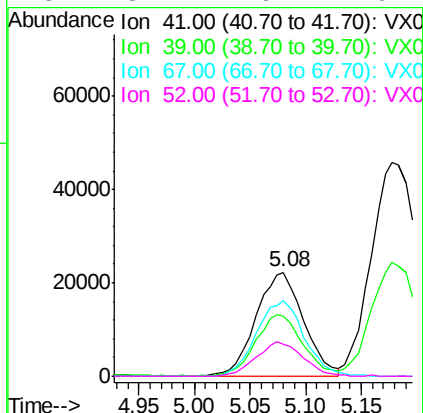
Tgt Ion	78	Resp	264122
Ion Ratio	Lower	Upper	
78	100		
77	25.1	18.7	28.1





#41
Methacrylonitrile
Concen: 51.84 ug/l
RT: 5.08 min Scan# 737
Delta R.T. 0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

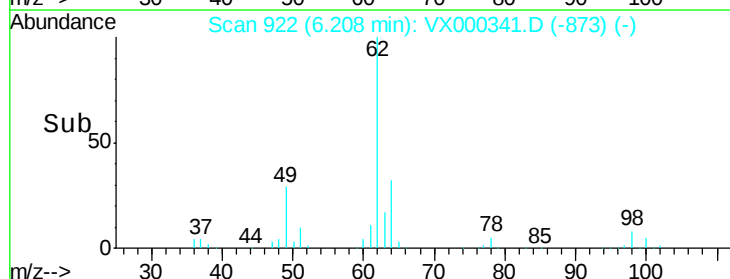
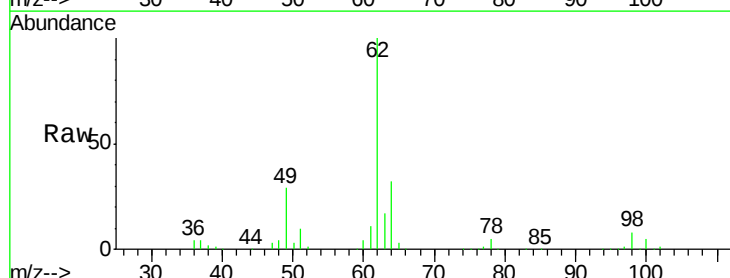
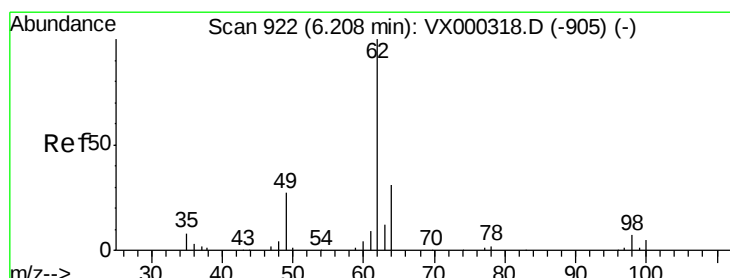
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.6	45.7	68.5	
67	73.0	57.8	86.8	
52	32.7	26.7	40.1	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

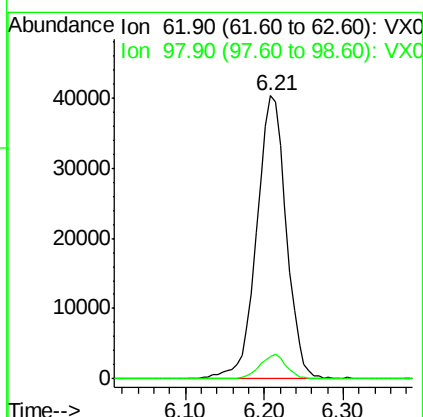
Manual Integrations
APPROVED

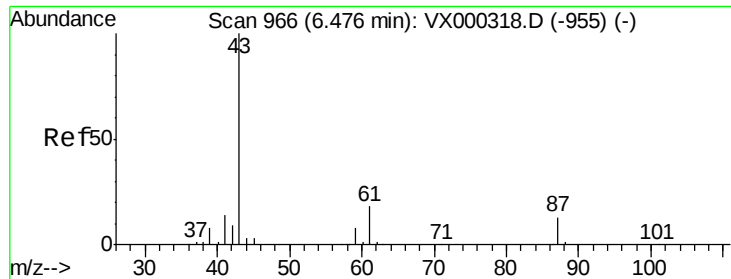
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#42
1,2-Dichloroethane
Concen: 51.05 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.9	0.0	15.8	





#43

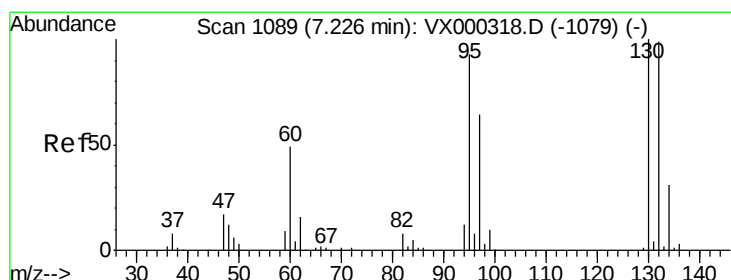
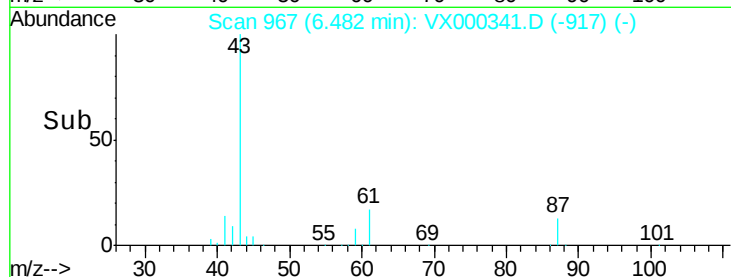
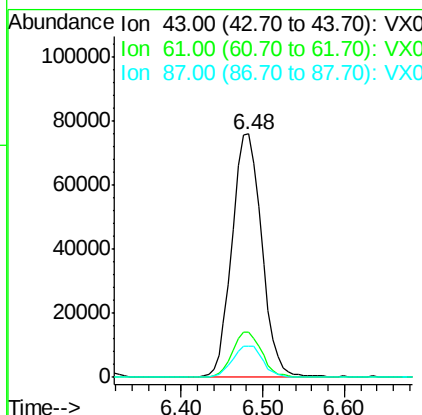
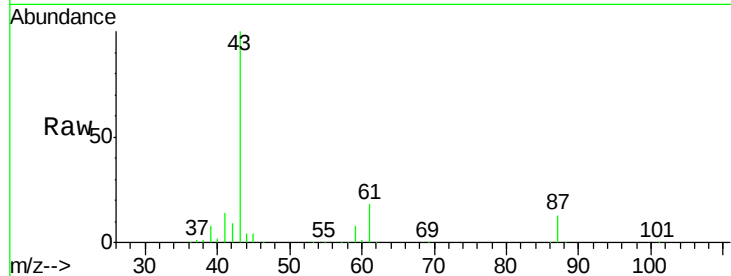
Isopropyl Acetate
 Concen: 54.42 ug/l
 RT: 6.48 min Scan# 967
 Delta R.T. 0.01 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	190894
Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	13.0	11.0	16.4

Manual Integrations
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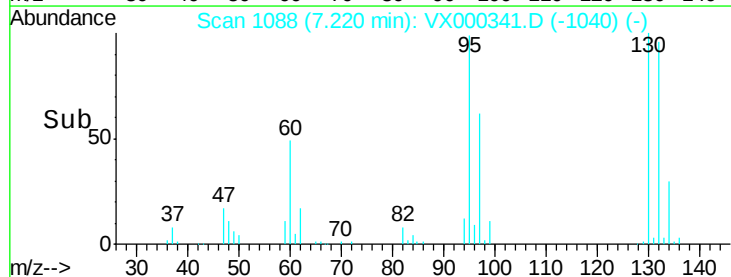
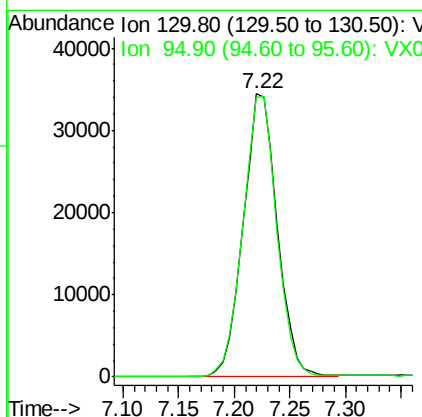
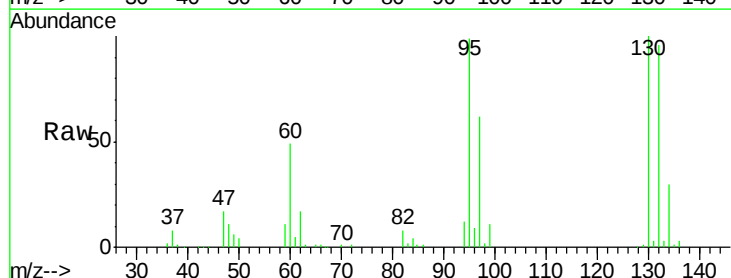
apatel
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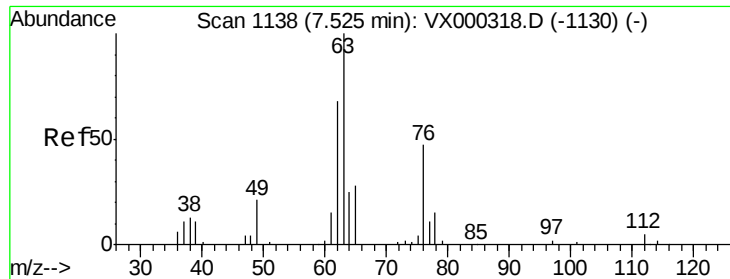


#44

Trichloroethene
 Concen: 48.65 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion:	130	Resp:	73130
Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	186.0





#45

1,2-Dichloropropane

Concen: 52.85 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 67620

Ion Ratio Lower Upper

63 100

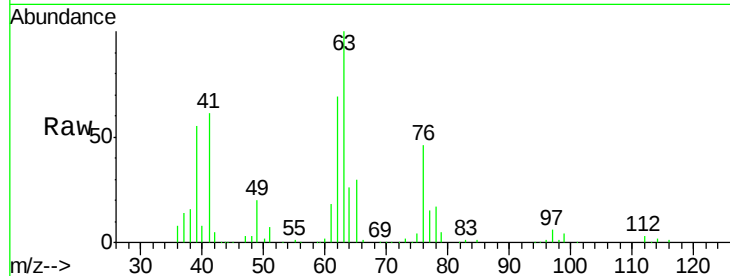
65 30.1 24.6 36.8

Manual Integrations

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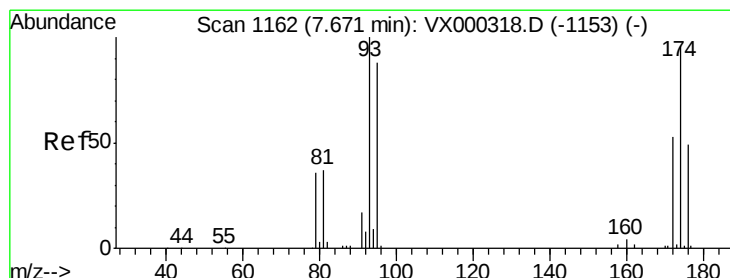
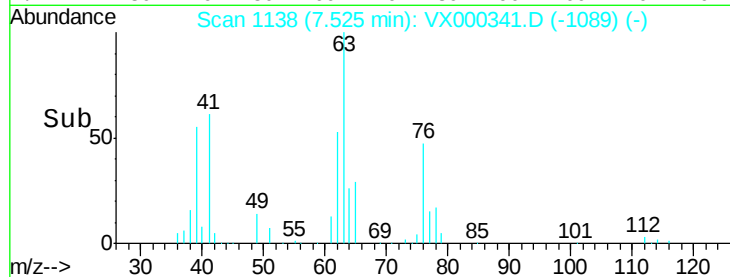
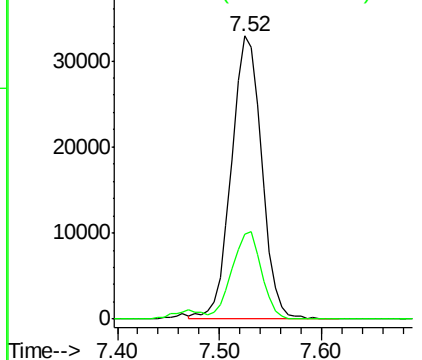
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.80 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

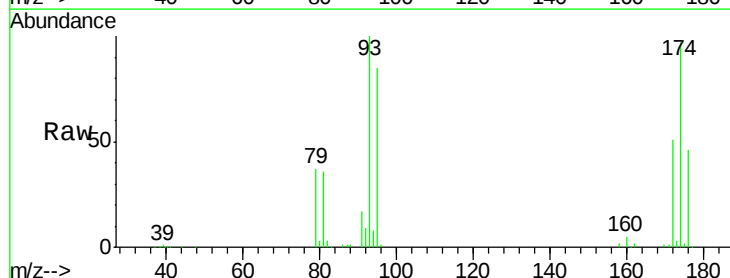
Tgt Ion: 93 Resp: 52214

Ion Ratio Lower Upper

93 100

95 83.9 66.5 99.7

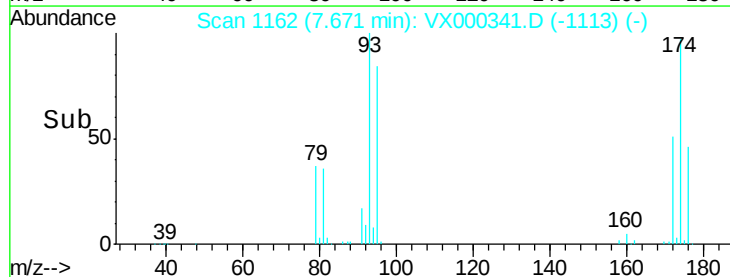
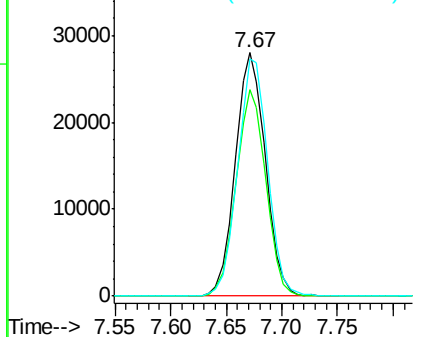
174 97.7 76.0 114.0

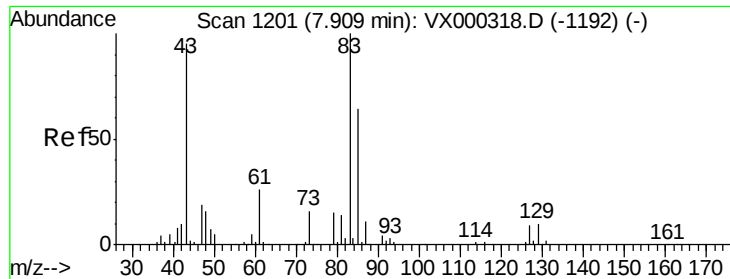


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.17 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

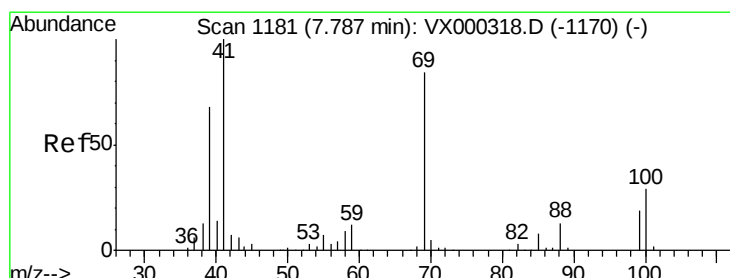
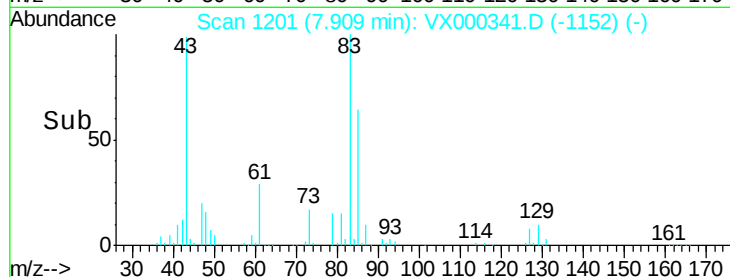
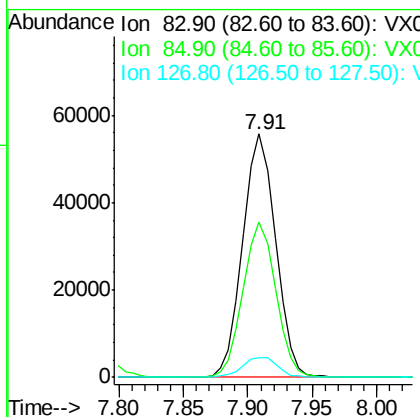
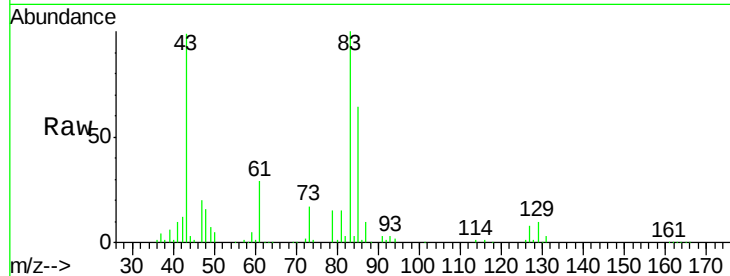
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	98832
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.4	77.0
127	8.2	7.0	10.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.57 ug/l

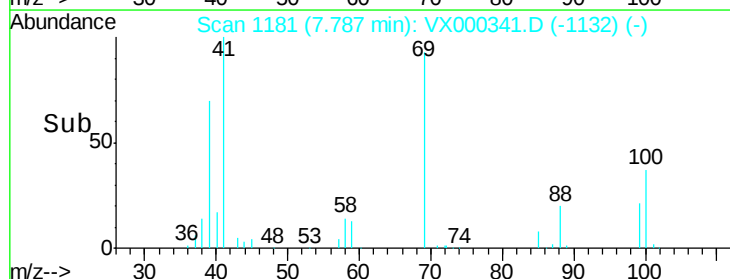
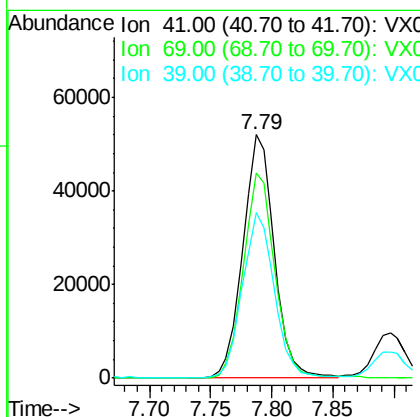
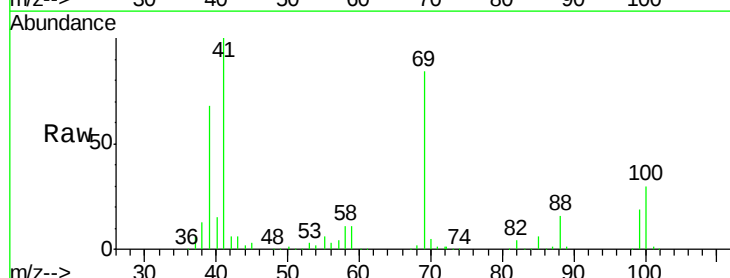
RT: 7.79 min Scan# 1181

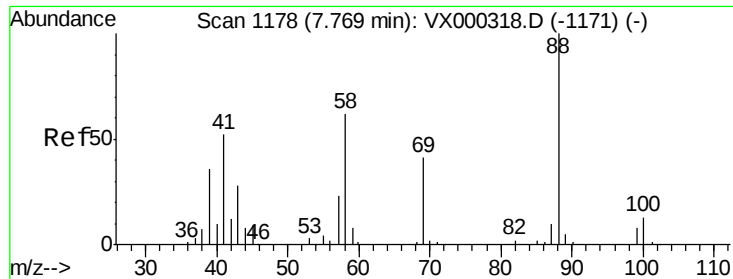
Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Tgt Ion:	41	Resp:	93231
Ion Ratio	Lower	Upper	
41	100		
69	85.0	68.2	102.4
39	68.6	54.6	81.8





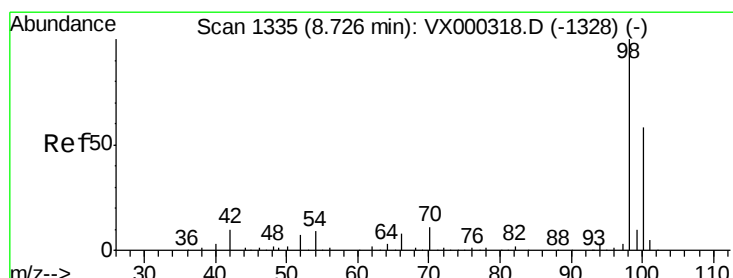
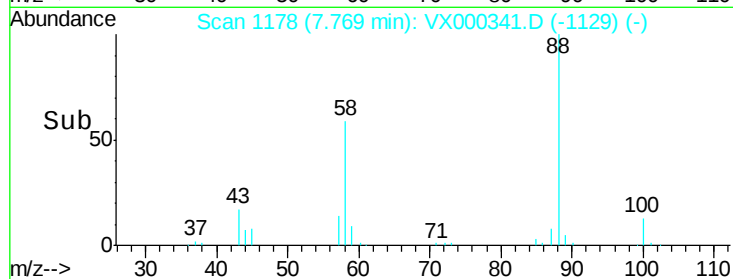
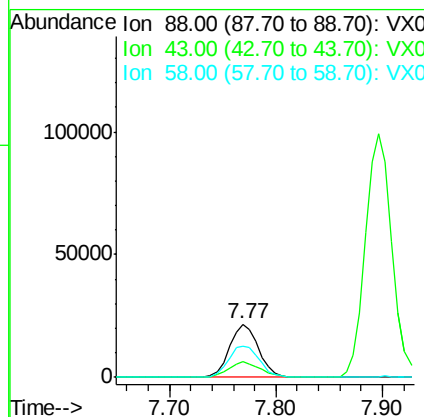
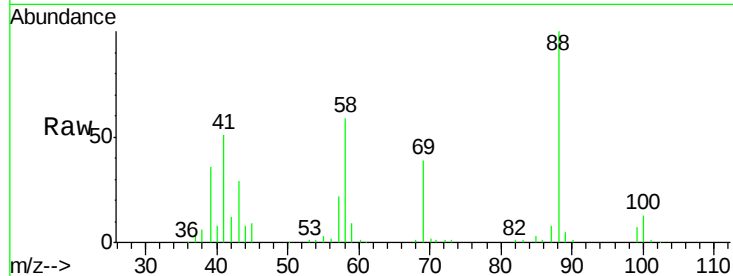
#49
1,4-Dioxane
Concen: 1027.85 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	26.8	40.2
58	63.4	52.2	78.2

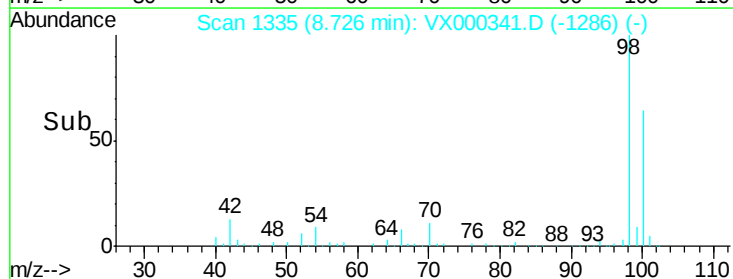
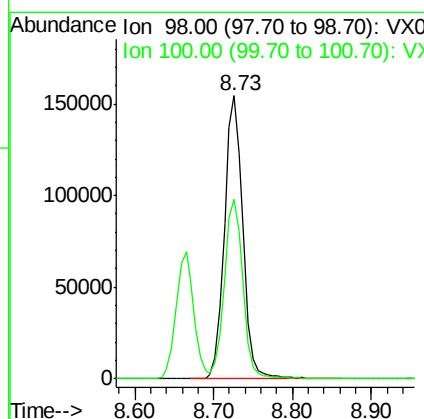
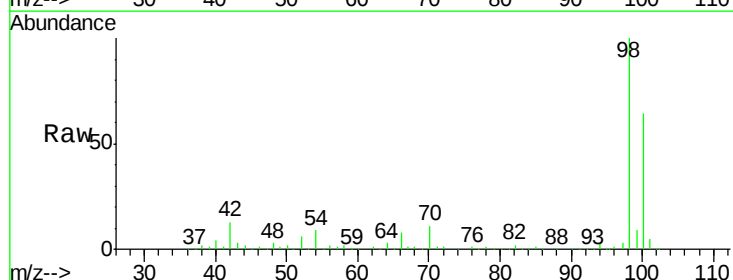
Manual Integrations
APPROVED

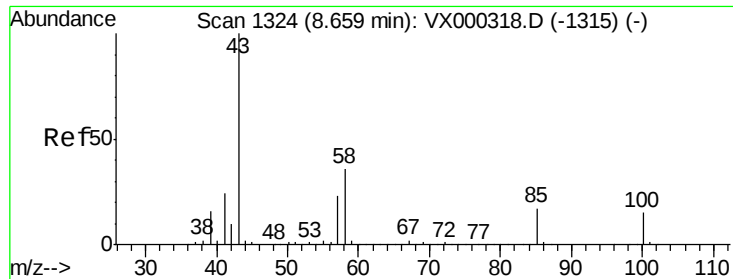
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#50
Toluene-d8
Concen: 47.32 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 276.74 ug/l

RT: 8.66 min Scan# 1325

Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 753875

Ion Ratio Lower Upper

43 100

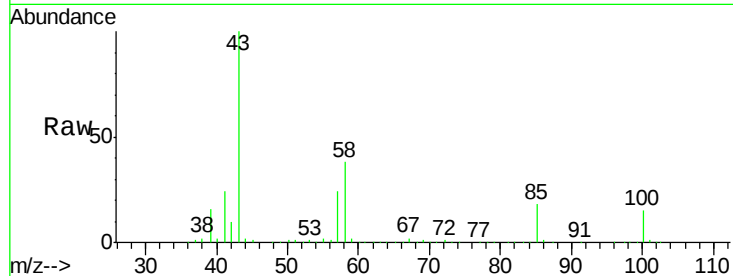
58 37.8 30.3 45.5

Manual Integrations

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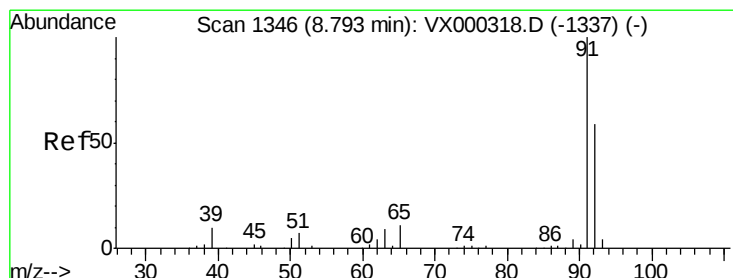
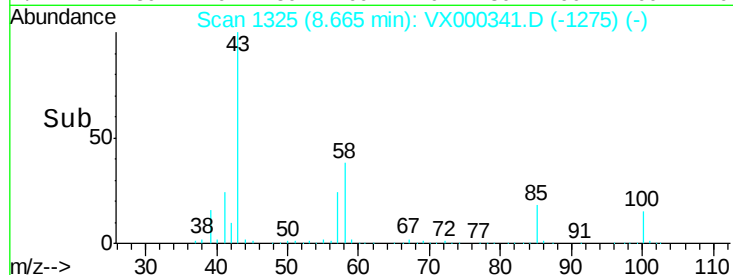
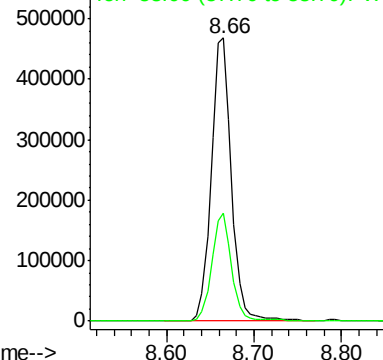
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.99 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX000341.D

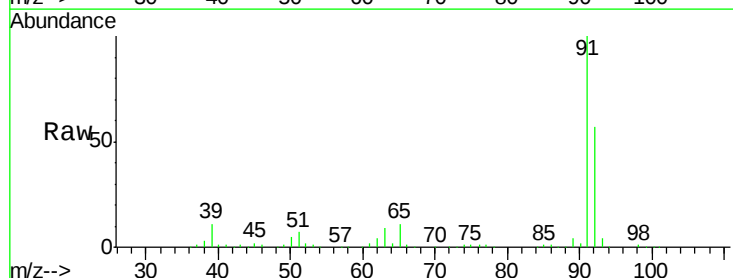
Acq: 15 Mar 2018 20:34

Tgt Ion: 92 Resp: 185829

Ion Ratio Lower Upper

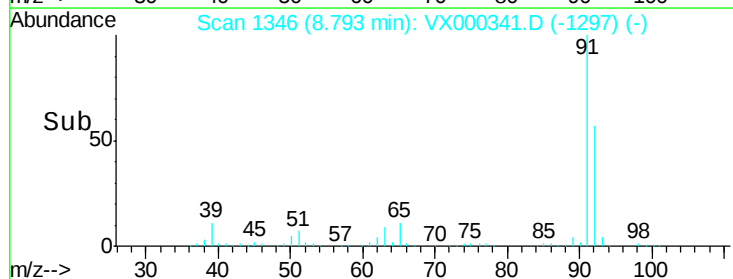
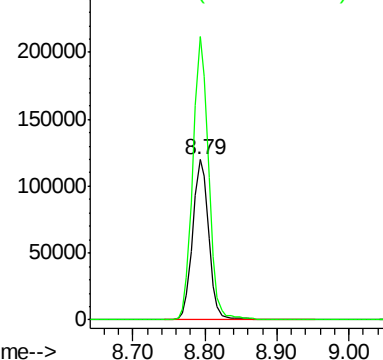
92 100

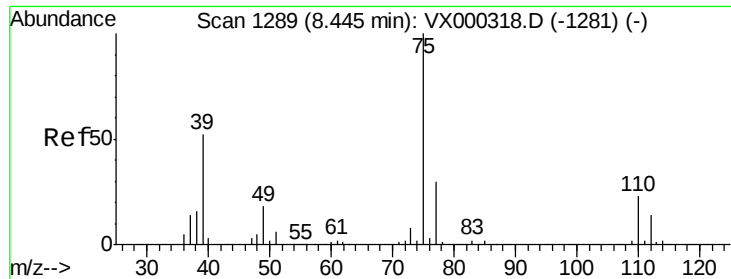
91 173.3 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





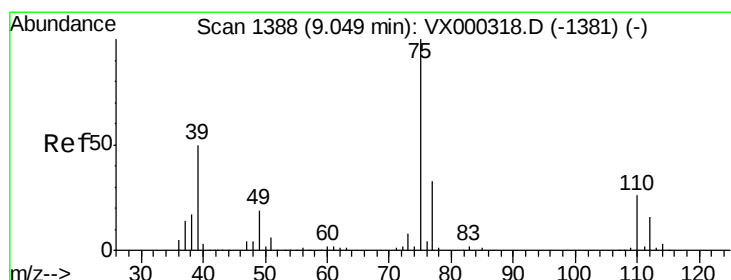
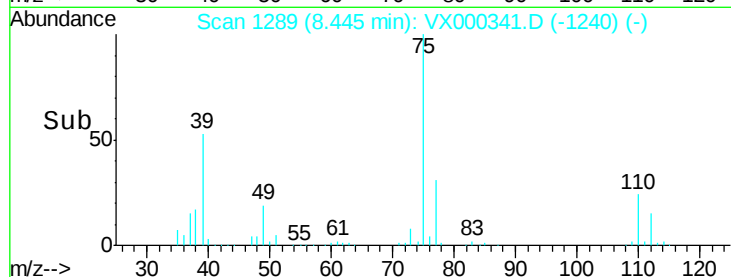
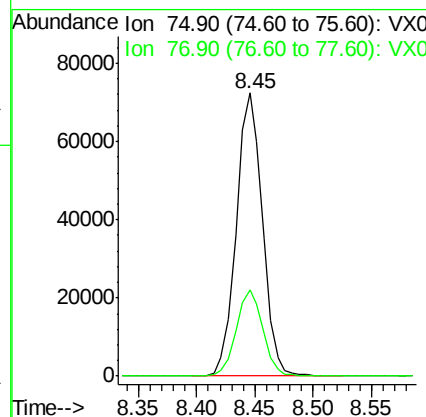
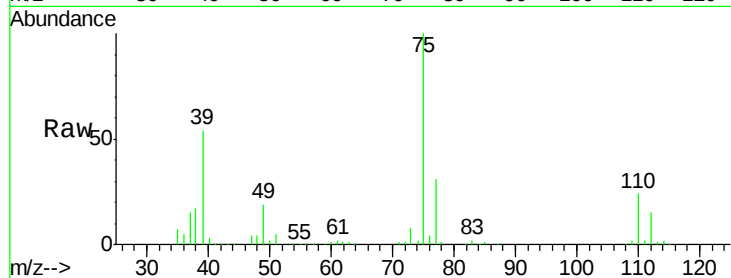
#53
t-1,3-Dichloropropene
Concen: 53.76 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	24.0	36.0

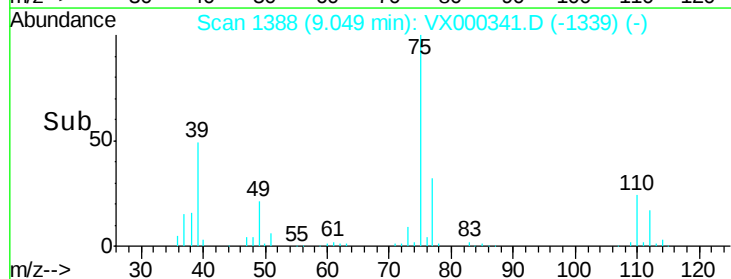
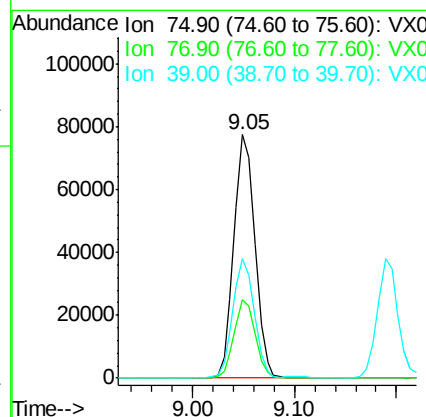
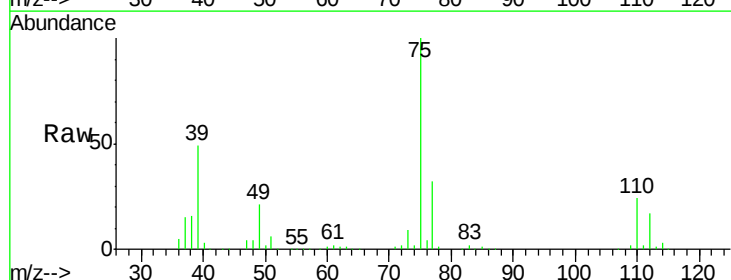
Manual Integrations
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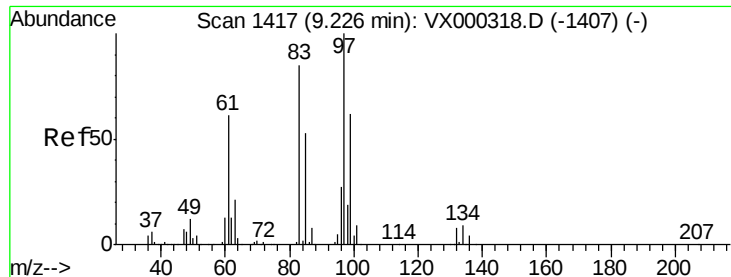
apatel
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#54
cis-1,3-Dichloropropene
Concen: 53.67 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	26.1	39.1
39	49.0	39.8	59.6





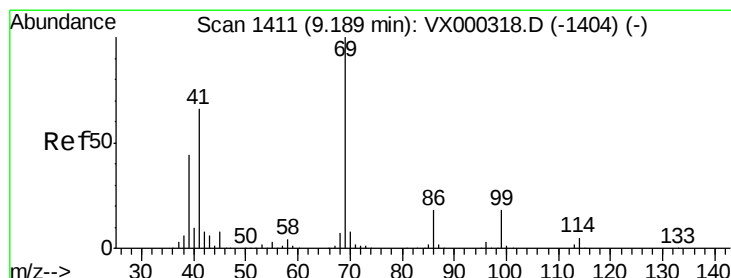
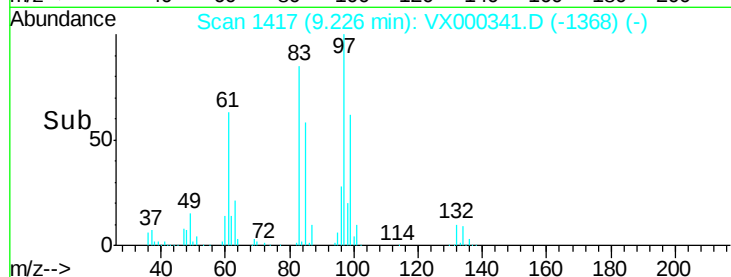
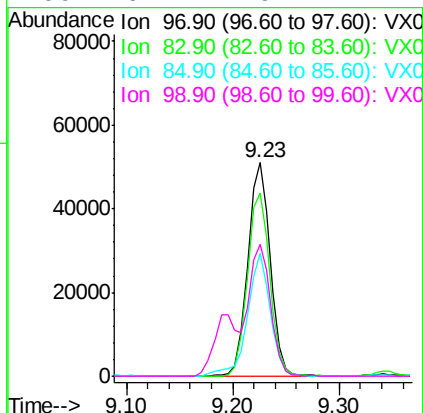
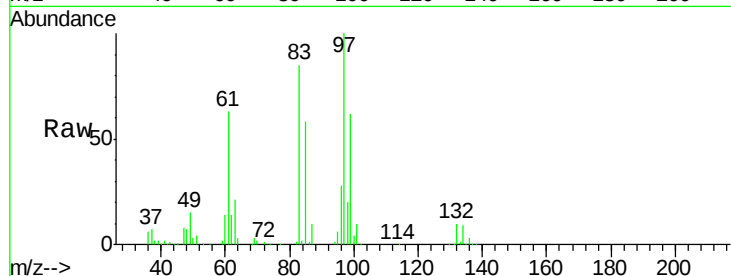
#55
 1,1,2-Trichloroethane
 Concen: 51.64 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.9	101.9
85	57.7	42.8	64.2
99	61.7	49.4	74.2

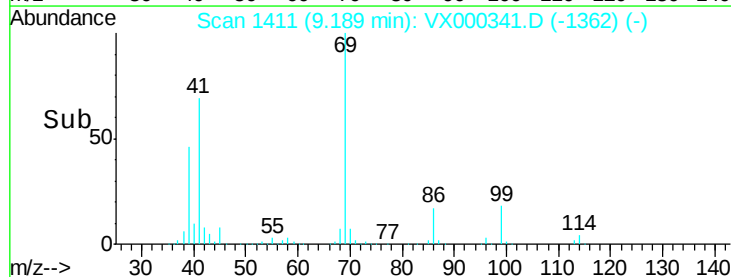
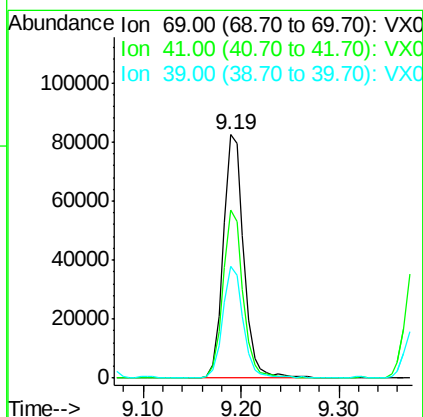
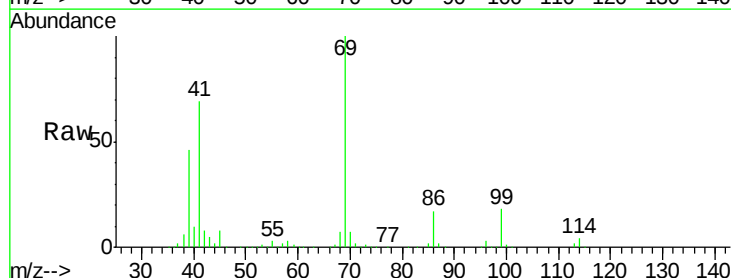
Manual Integrations
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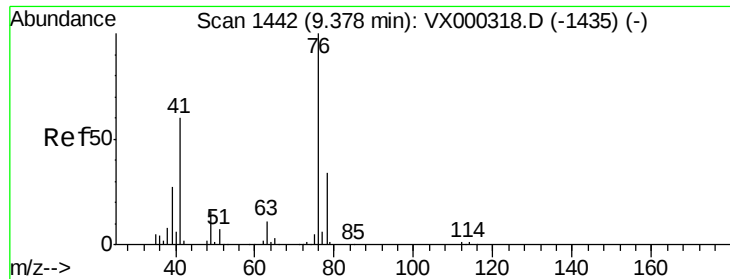
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#56
 Ethyl methacrylate
 Concen: 55.24 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.8	53.0	79.6
39	45.5	35.3	52.9





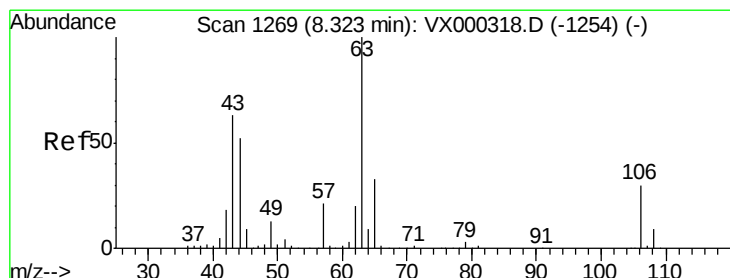
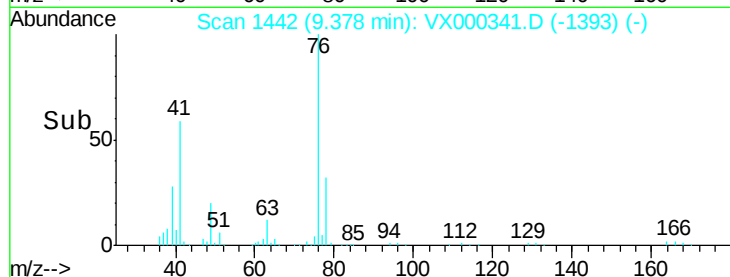
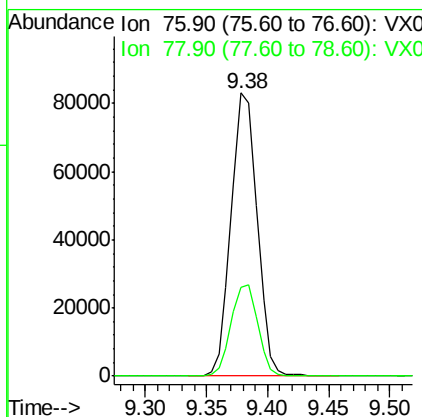
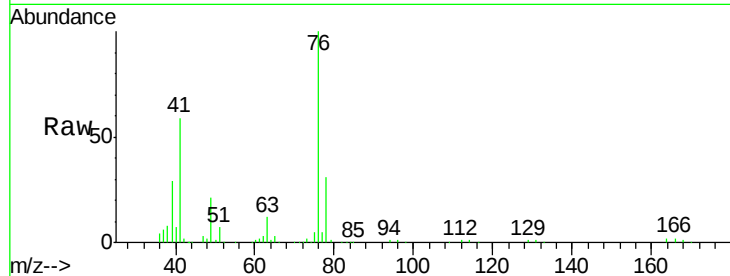
#57
 1,3-Dichloropropane
 Concen: 51.76 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.4	39.6

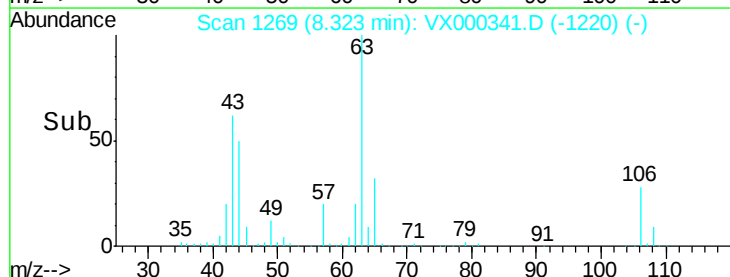
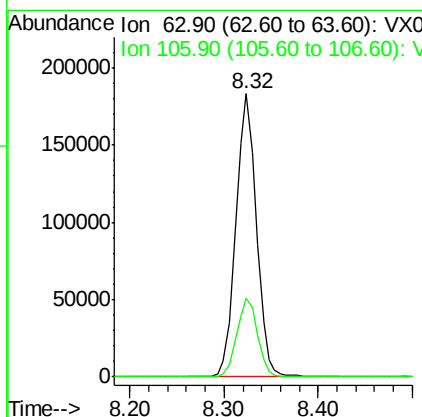
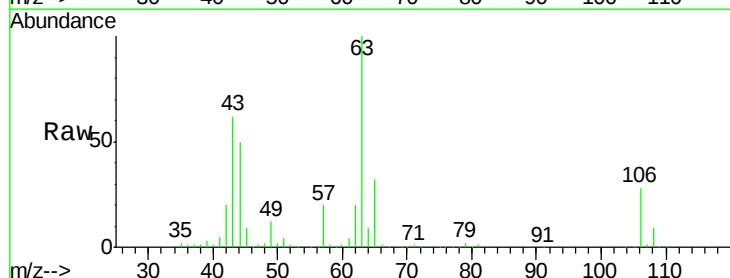
Manual Integrations
 APPROVED

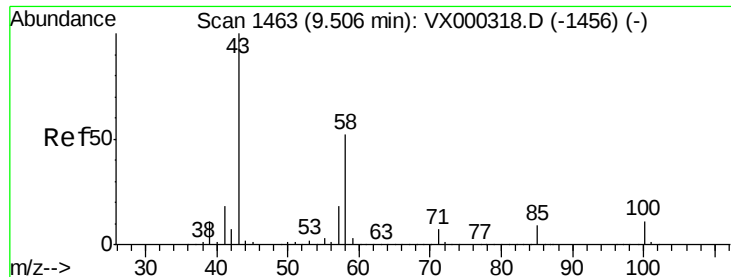
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 298.96 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.1	23.2	34.8





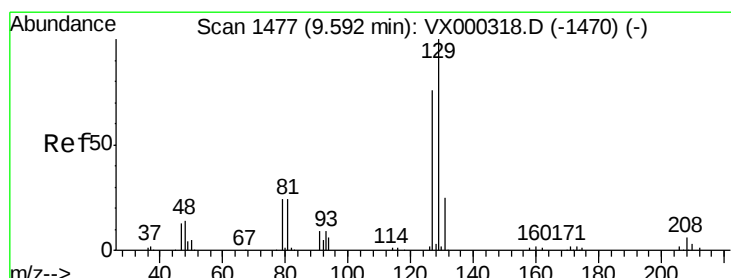
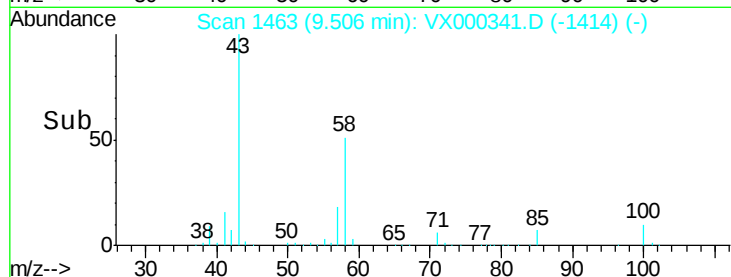
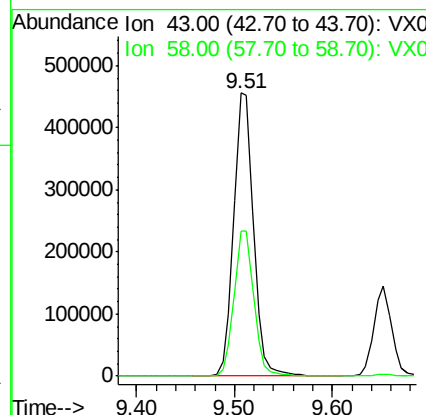
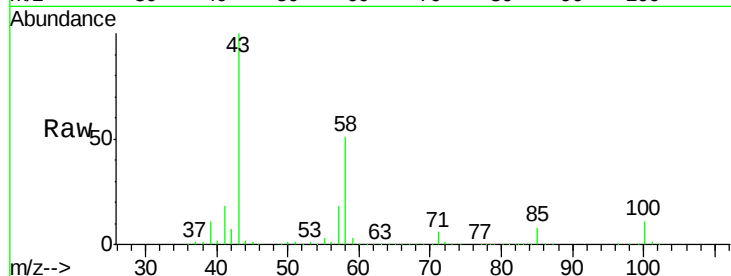
#59
2-Hexanone
Concen: 280.57 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 643937
Ion Ratio Lower Upper
43 100
58 51.8 26.6 79.7

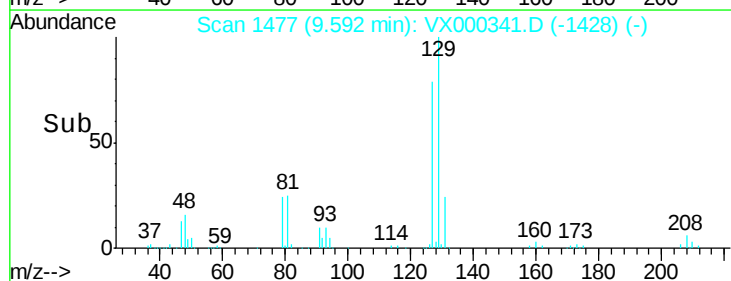
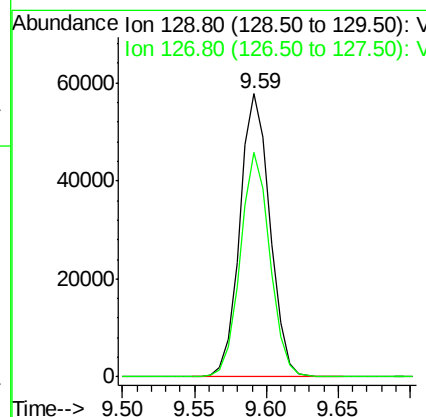
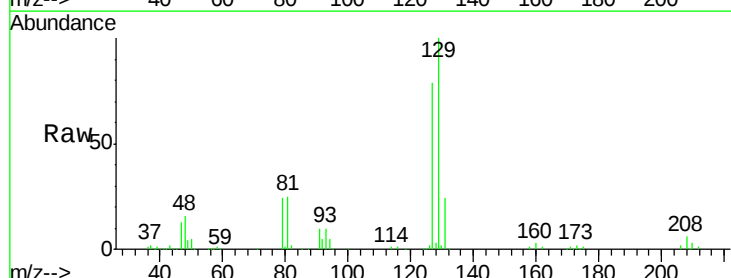
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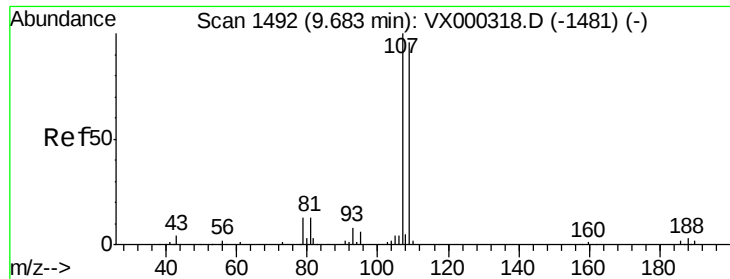
apatel
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#60
Dibromochloromethane
Concen: 54.28 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 129 Resp: 83925
Ion Ratio Lower Upper
129 100
127 77.8 37.9 113.6





#61

1,2-Dibromoethane

Concen: 52.38 ug/l

RT: 9.68 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 84909

Ion Ratio Lower Upper

107 100

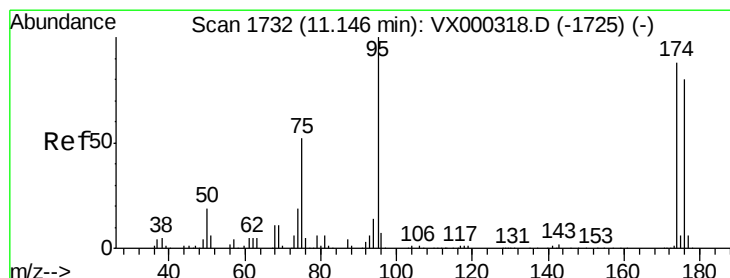
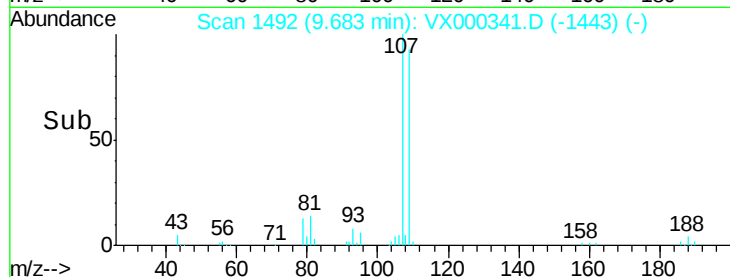
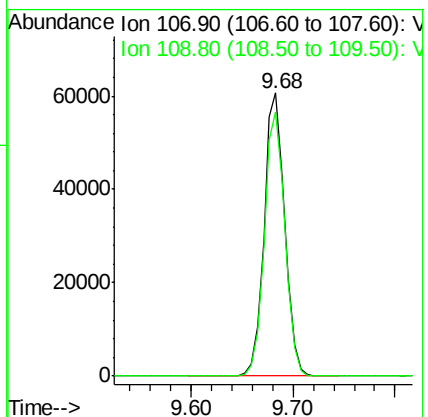
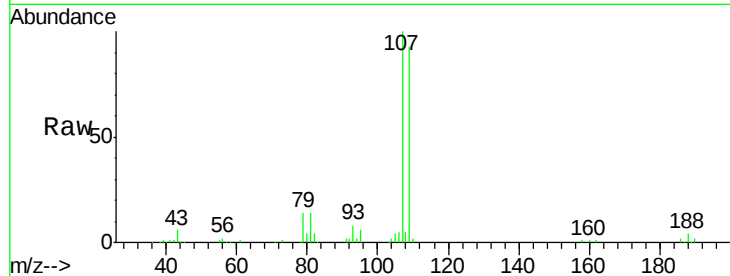
109 93.9 76.1 114.1

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#62

4-Bromofluorobenzene

Concen: 46.49 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

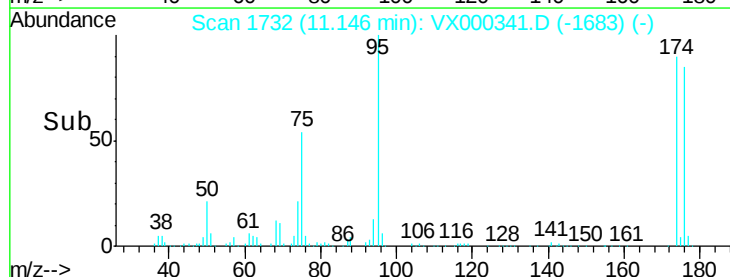
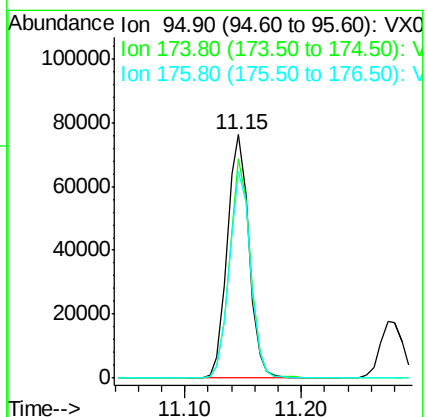
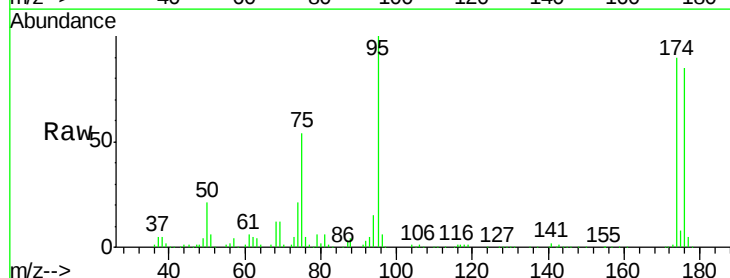
Tgt Ion: 95 Resp: 98767

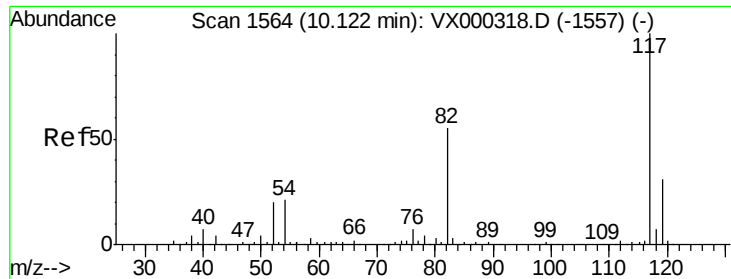
Ion Ratio Lower Upper

95 100

174 86.5 0.0 173.6

176 83.2 0.0 164.6





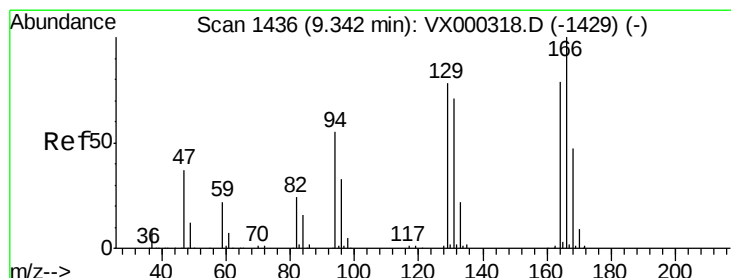
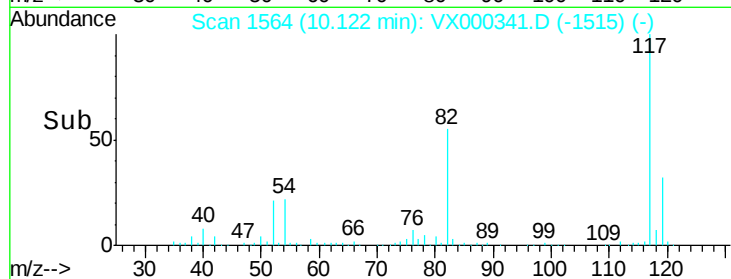
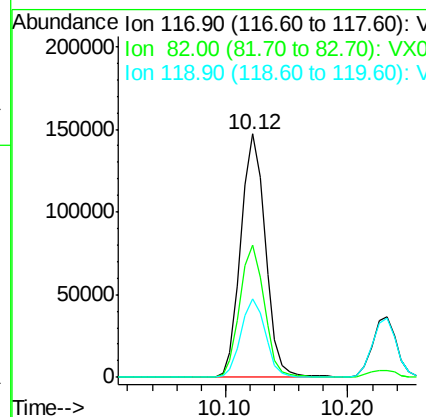
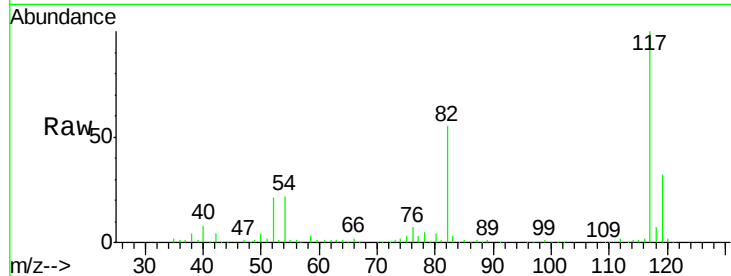
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.8	65.8
119	32.1	24.9	37.3

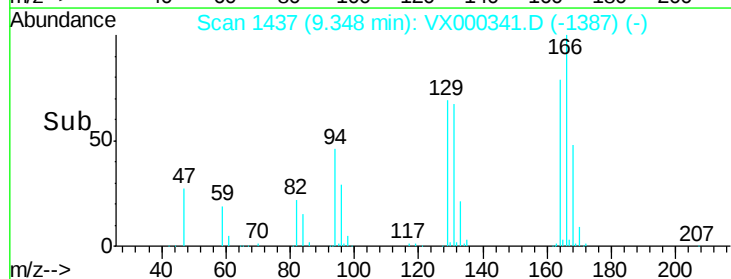
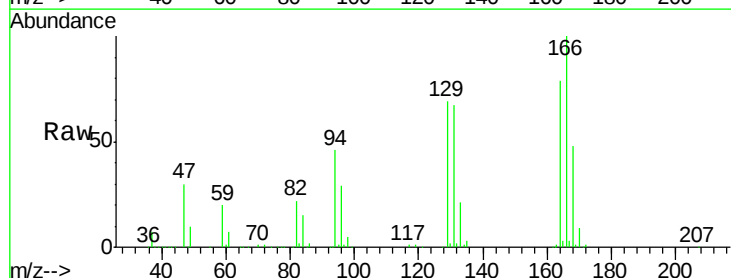
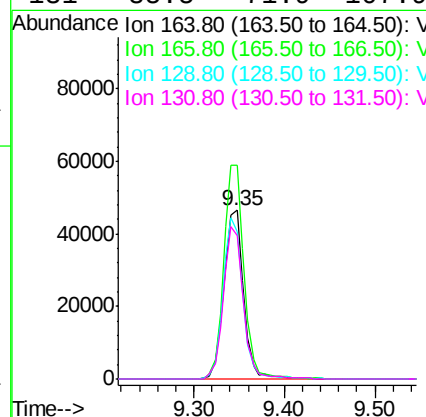
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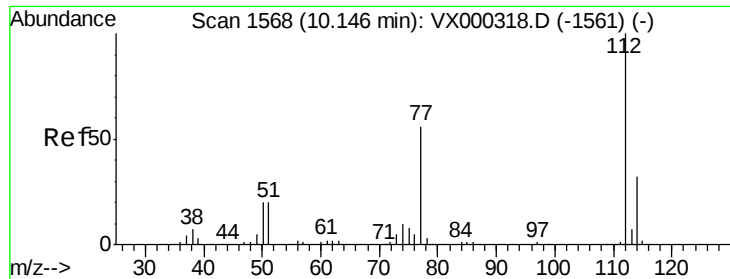
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#64
Tetrachloroethene
Concen: 54.14 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. 0.01 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	101.0	151.6
129	87.8	79.0	118.4
131	85.5	71.9	107.9





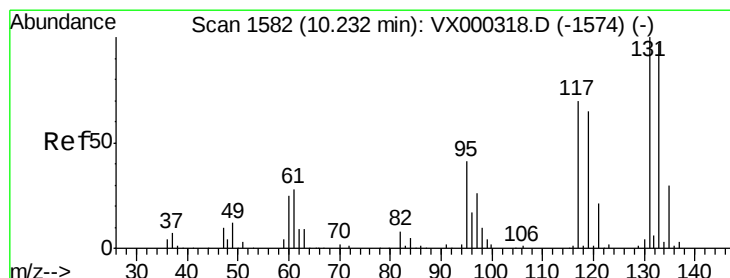
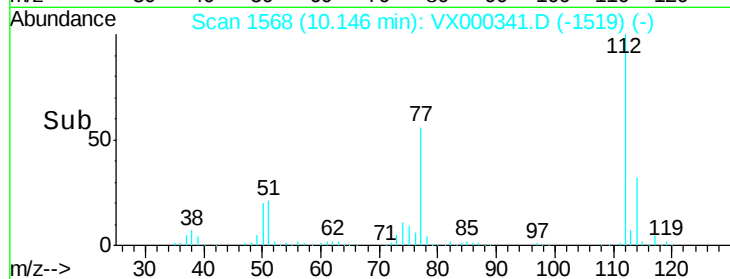
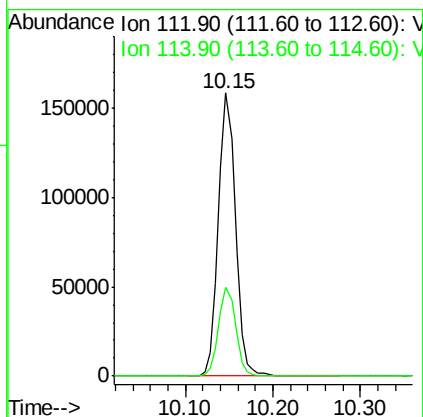
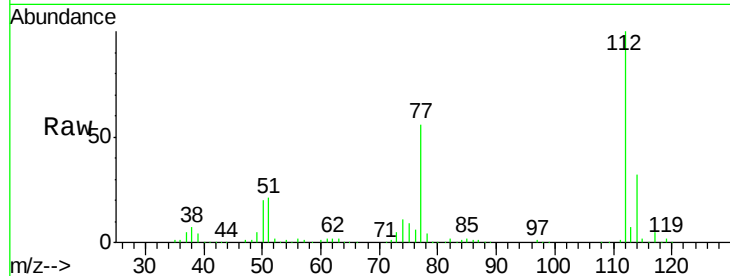
#65
Chlorobenzene
Concen: 51.54 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 215008
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

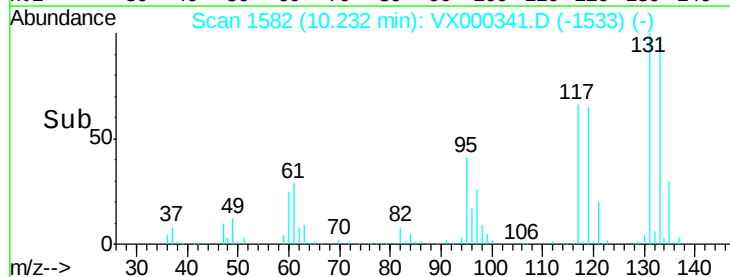
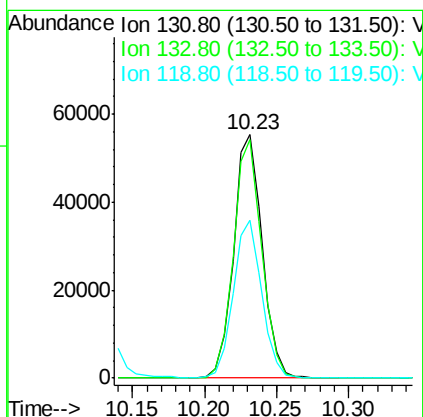
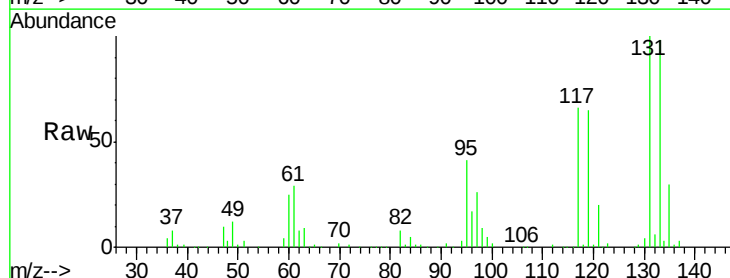
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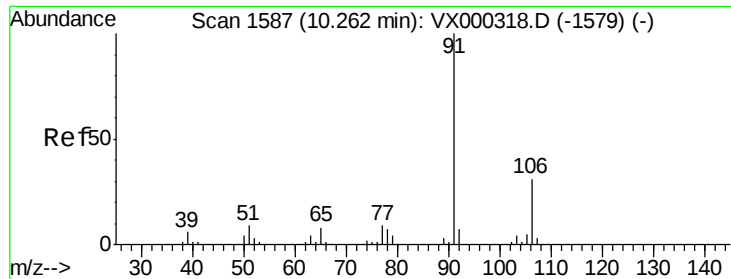
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.43 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion:131 Resp: 76371
Ion Ratio Lower Upper
131 100
133 97.1 47.1 141.3
119 64.9 33.1 99.2





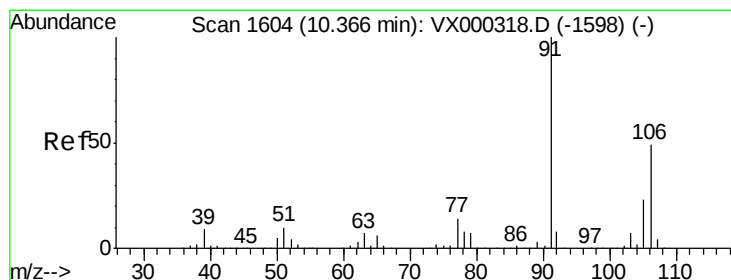
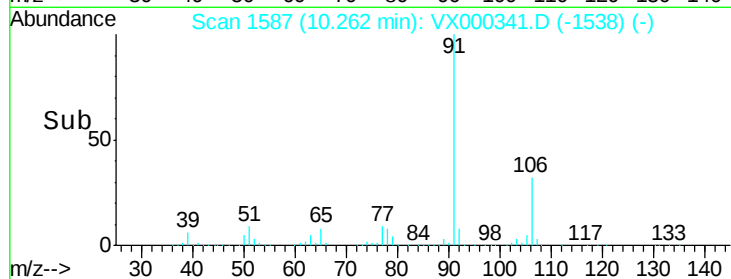
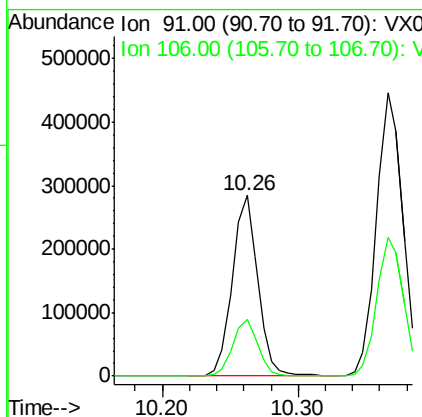
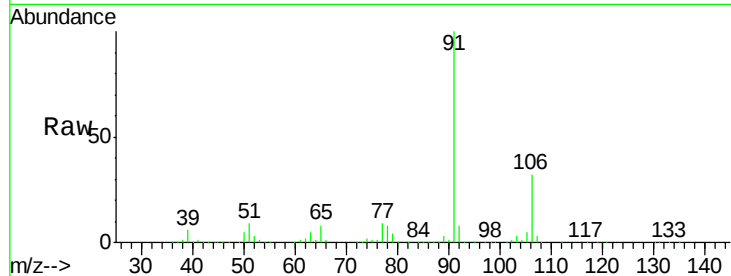
#67
Ethyl Benzene
Concen: 52.27 ug/l
RT: 10.26 min Scan# 1587
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 371796
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6

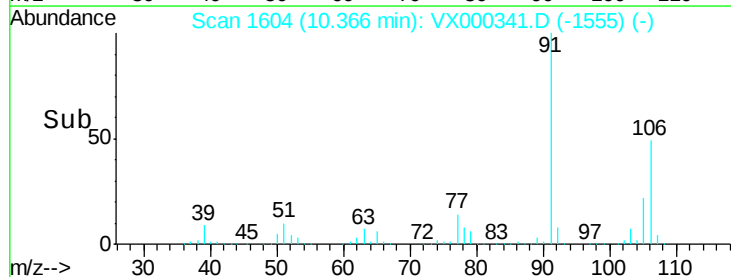
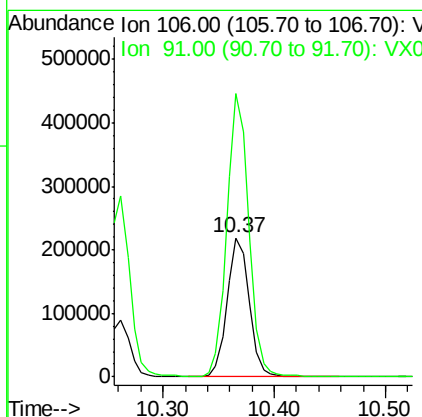
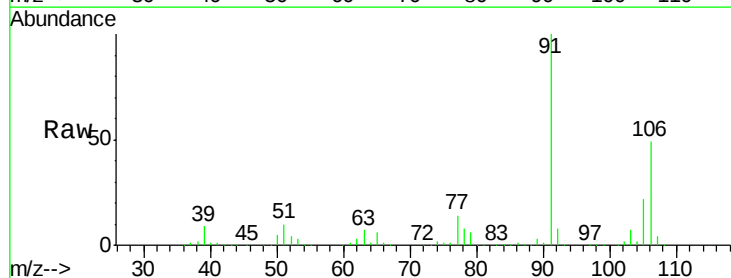
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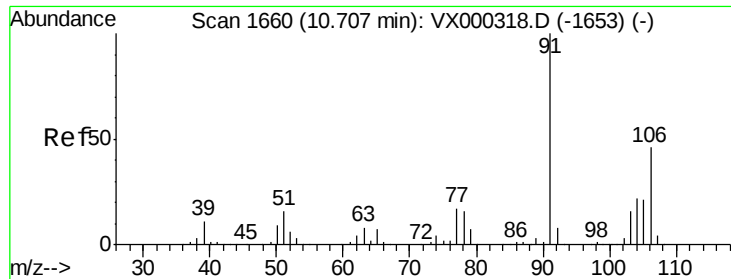
apatel
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#68
m/p-Xylenes
Concen: 108.77 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion: 106 Resp: 301401
Ion Ratio Lower Upper
106 100
91 202.4 163.4 245.2





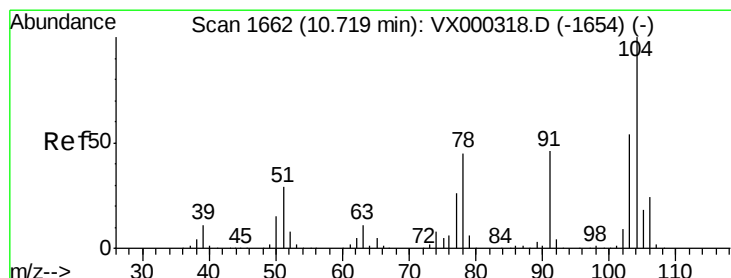
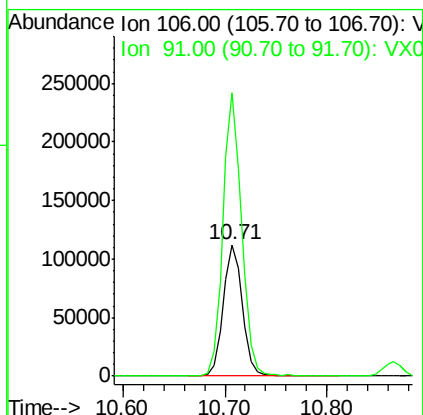
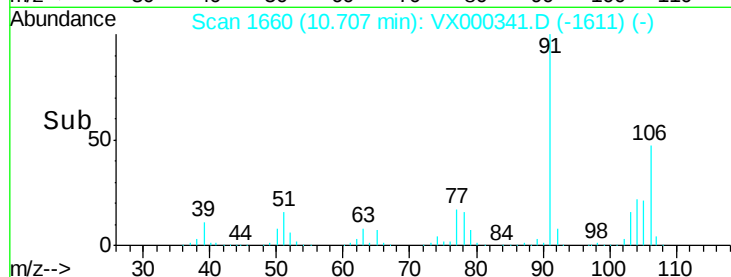
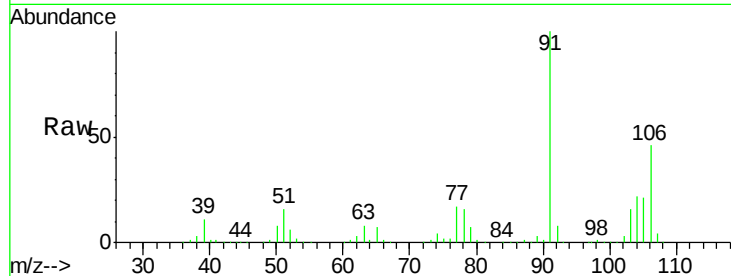
#69
o-Xylene
Concen: 54.42 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 146490
Ion Ratio Lower Upper
106 100
91 210.3 106.5 319.6

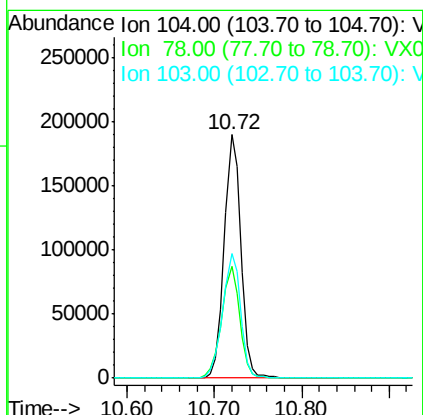
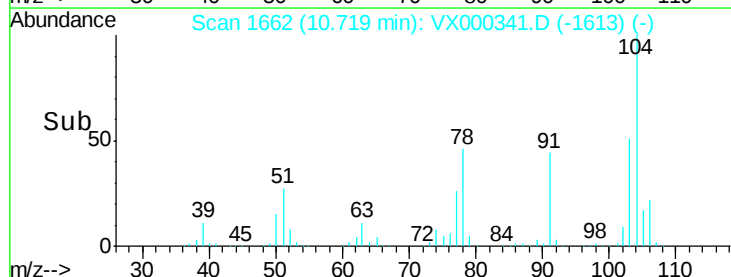
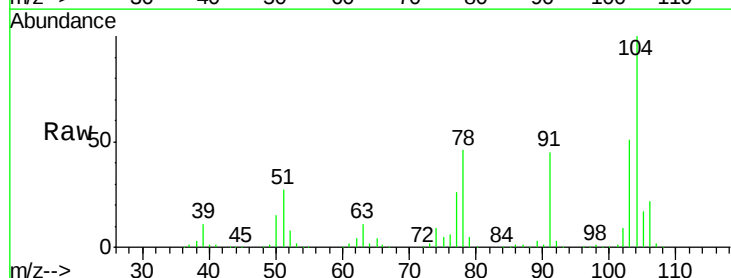
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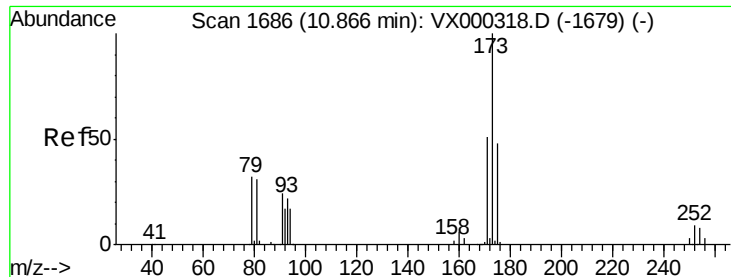
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#70
Styrene
Concen: 55.75 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion:104 Resp: 249019
Ion Ratio Lower Upper
104 100
78 50.0 40.5 60.7
103 55.4 45.7 68.5





#71

Bromoform

Concen: 47.84 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

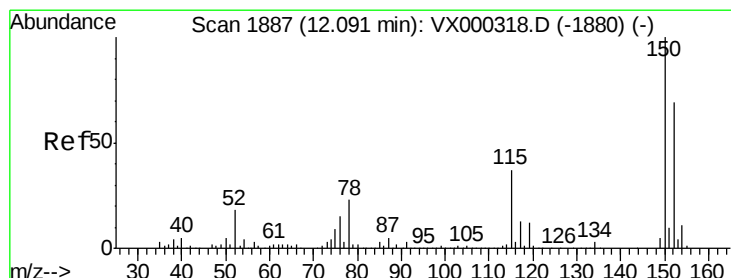
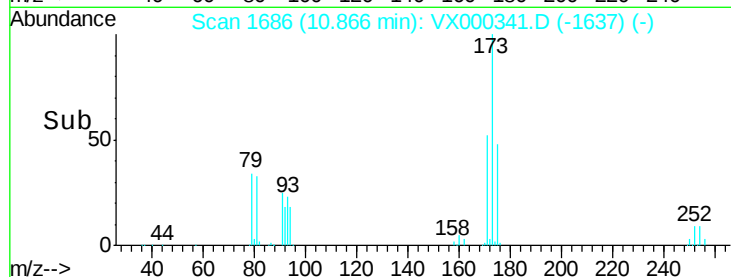
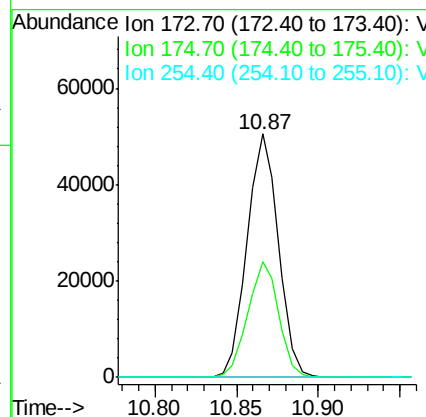
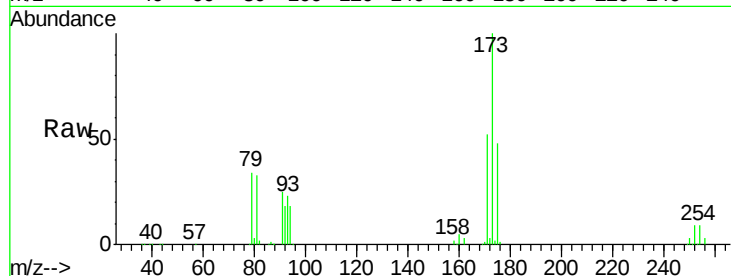
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	67757
Ion Ratio	Lower	Upper	
173	100		
175	47.1	25.4	76.4
254	0.0	0.0	0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

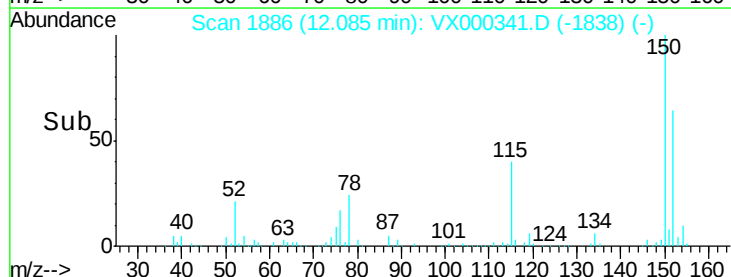
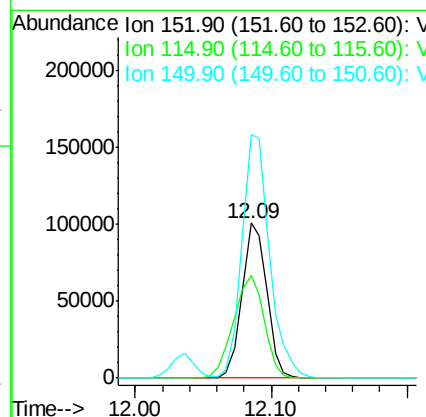
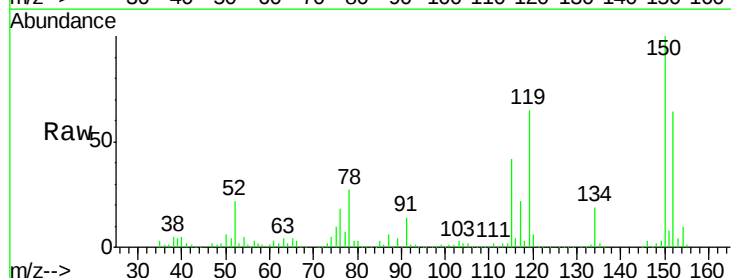
RT: 12.09 min Scan# 1886

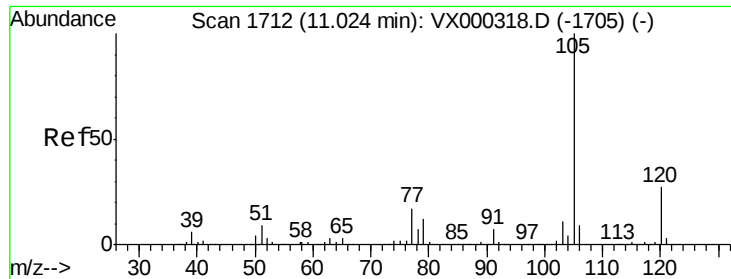
Delta R.T. -0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Tgt Ion:	152	Resp:	126953
Ion Ratio	Lower	Upper	
152	100		
115	81.9	39.8	119.3
150	176.2	0.0	344.4





#73

Isopropylbenzene

Concen: 52.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 400578

Ion Ratio Lower Upper

105 100

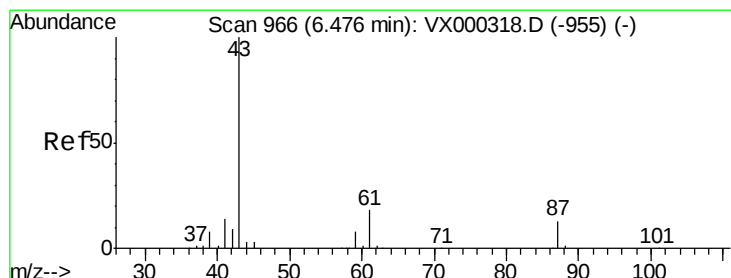
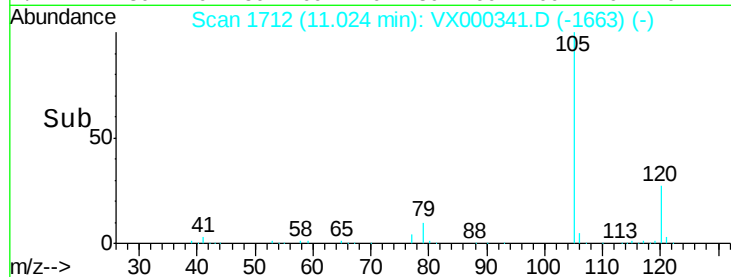
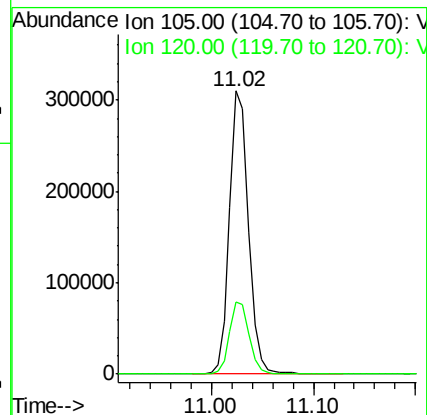
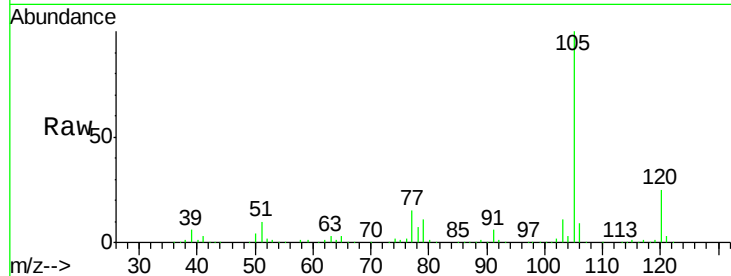
120 26.5 13.6 40.7

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#74

N-ethyl acetate

Concen: 52.15 ug/l

RT: 6.48 min Scan# 967

Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Tgt Ion: 43 Resp: 190894

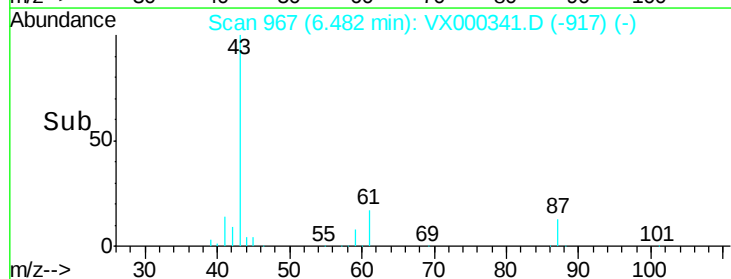
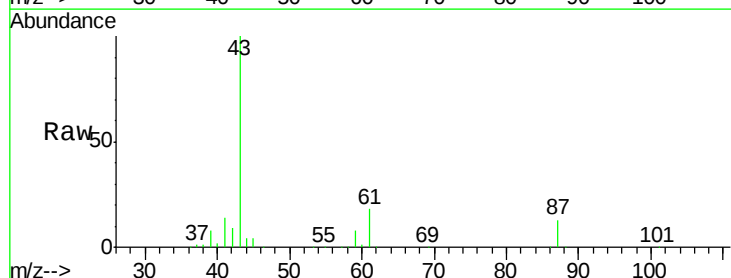
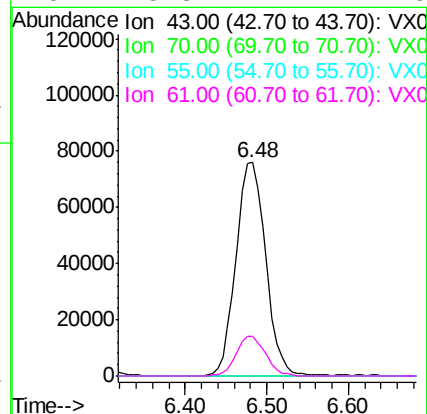
Ion Ratio Lower Upper

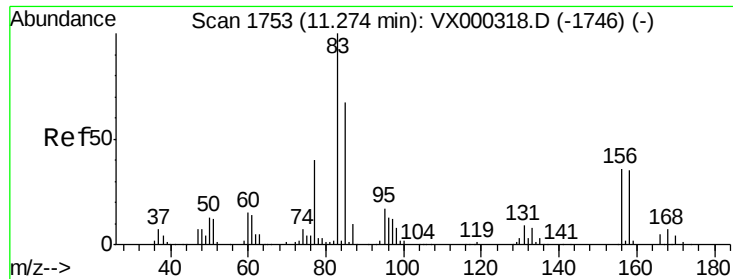
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 18.3 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.94 ug/l

RT: 11.28 min Scan# 1754

Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

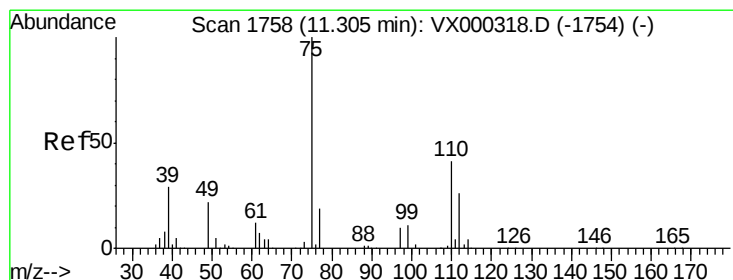
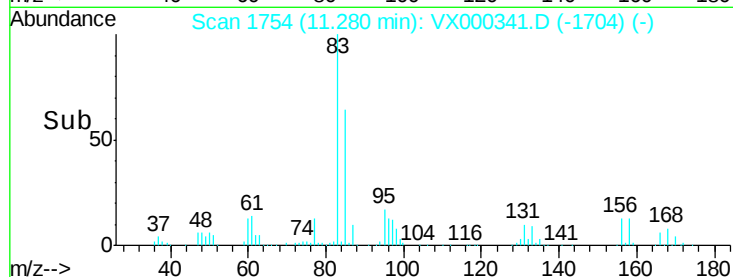
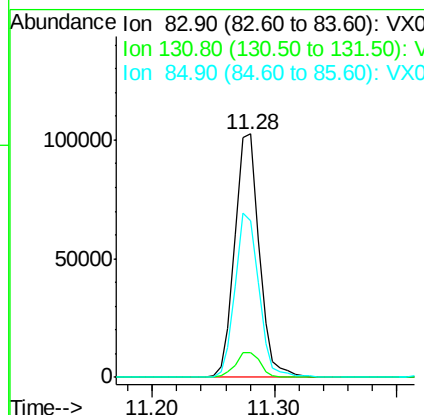
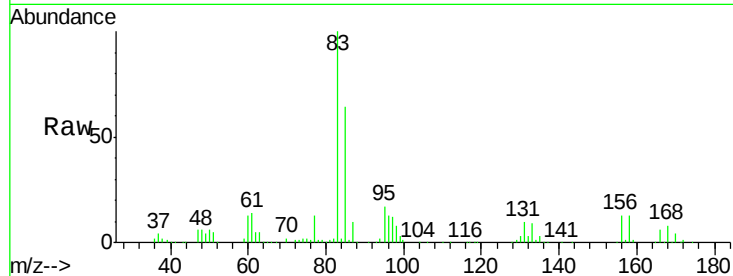
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	141384
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.0	14.9
85	66.0	32.5	97.5

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#76

1,2,3-Trichloropropane

Concen: 54.58 ug/l m

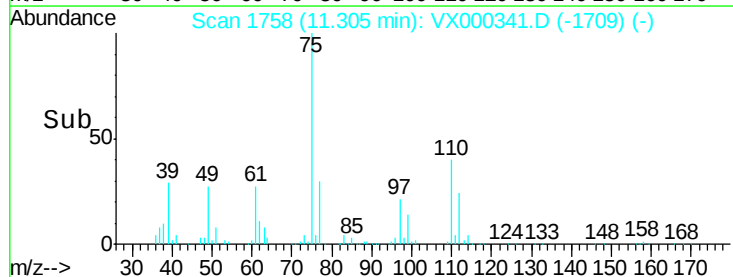
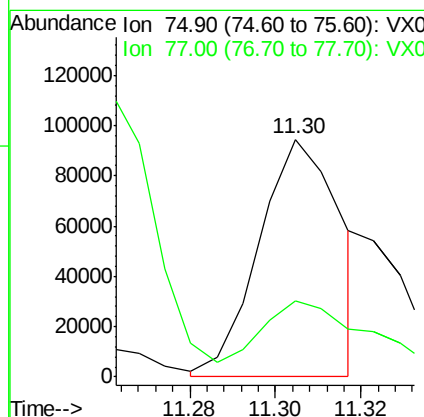
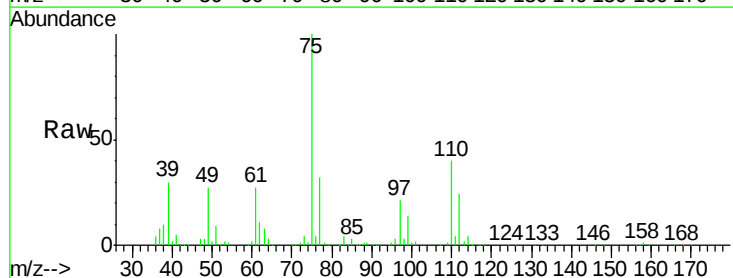
RT: 11.30 min Scan# 1758

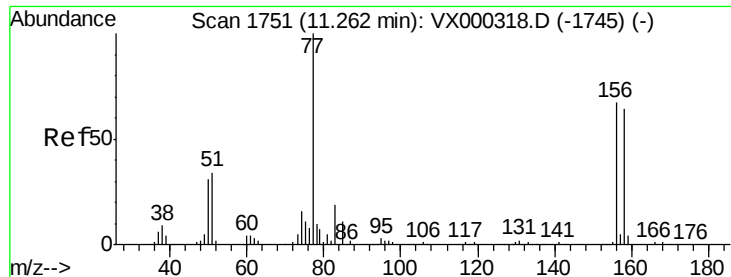
Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Tgt Ion:	75	Resp:	124745
Ion Ratio	Lower	Upper	
75	100		
77	43.8	21.4	64.2





#77

Bromobenzene

Concen: 49.71 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 99765

Ion Ratio Lower Upper

156 100

77 145.7 73.4 220.2

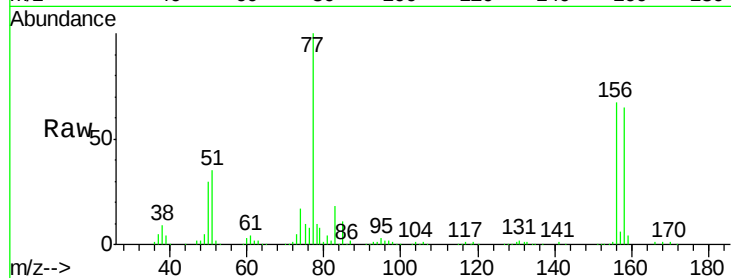
158 96.9 48.5 145.6

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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

150000

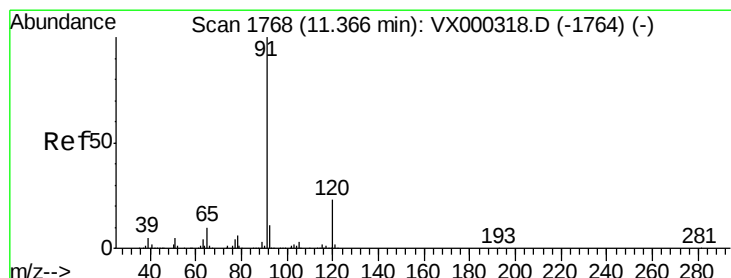
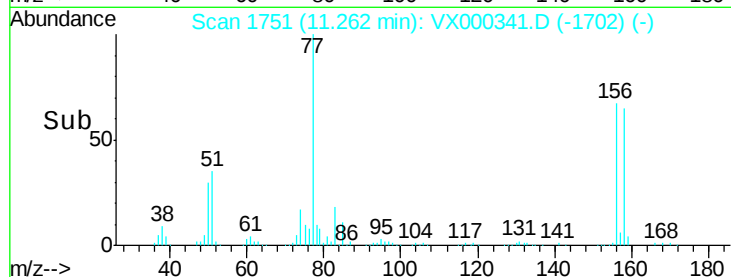
100000

50000

0

11.26

Time-->



#78

n-propylbenzene

Concen: 49.64 ug/l

RT: 11.37 min Scan# 1769

Delta R.T. 0.01 min

Lab File: VX000341.D

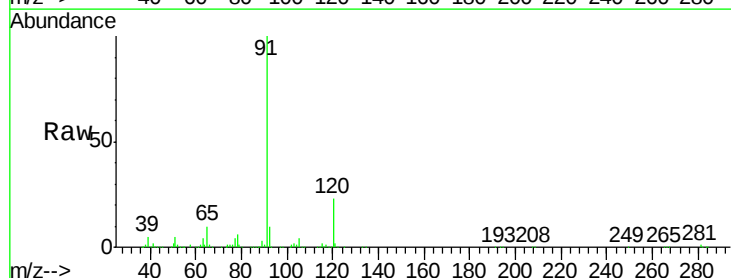
Acq: 15 Mar 2018 20:34

Tgt Ion: 91 Resp: 457711

Ion Ratio Lower Upper

91 100

120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

400000

300000

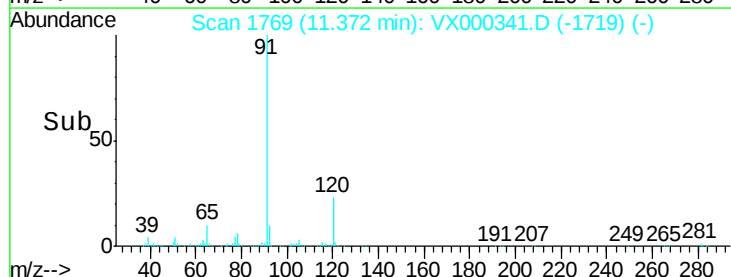
200000

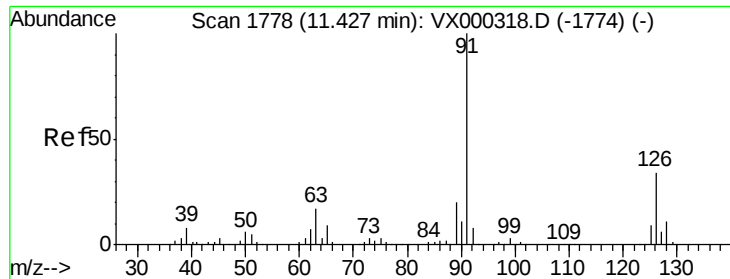
100000

0

11.37

Time-->





#79

2-Chlorotoluene

Concen: 51.49 ug/l

RT: 11.43 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 269424

Ion Ratio Lower Upper

91 100

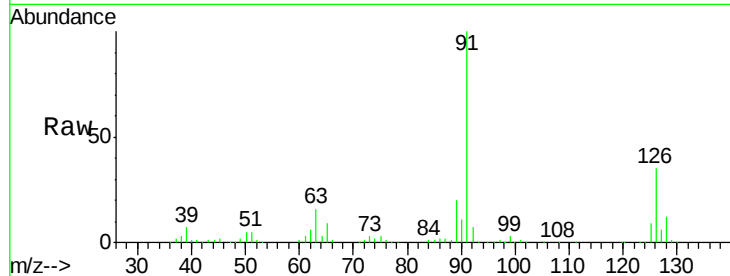
126 35.5 17.7 53.1

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX000318.D (-1774) (-)

Ion 125.90 (125.60 to 126.60): VX000318.D (-1774) (-)

400000

300000

200000

100000

0

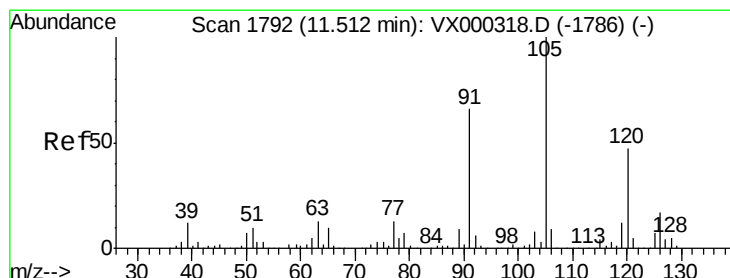
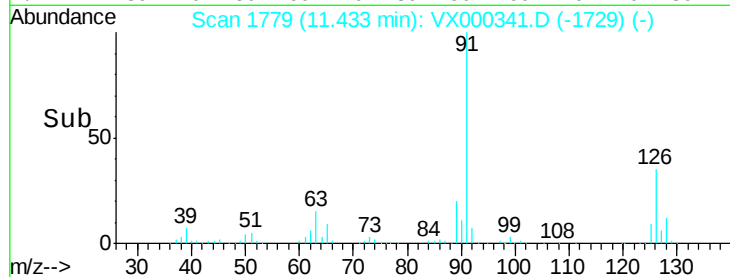
11.40

11.43

11.45

11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 53.63 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX000341.D

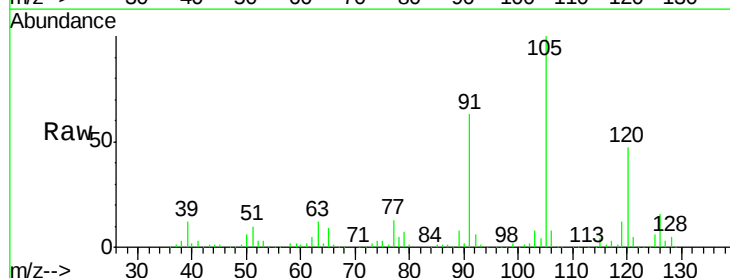
Acq: 15 Mar 2018 20:34

Tgt Ion: 105 Resp: 349351

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VX000318.D (-1786) (-)

Ion 120.00 (119.70 to 120.70): VX000318.D (-1786) (-)

300000

250000

200000

150000

100000

50000

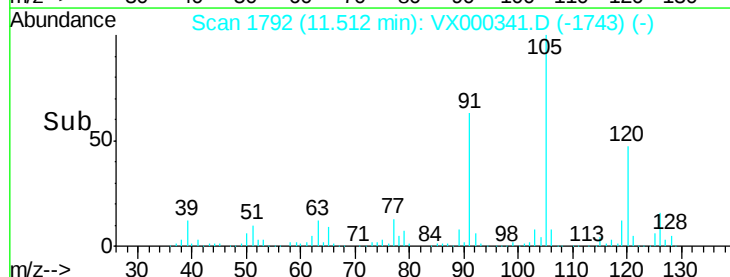
0

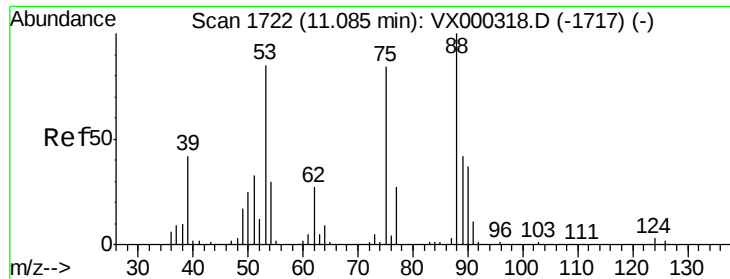
11.50

11.51

11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.90 ug/l

RT: 11.09 min Scan# 1722

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 41090

Ion Ratio Lower Upper

75 100

53 103.9 80.7 121.1

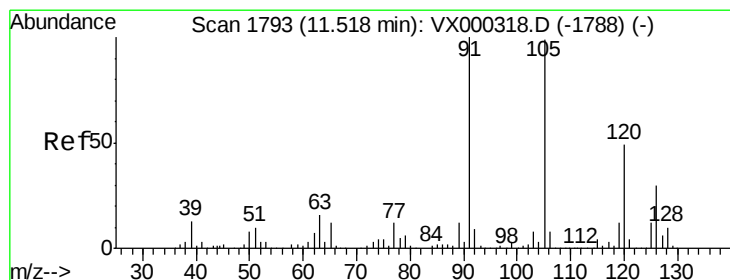
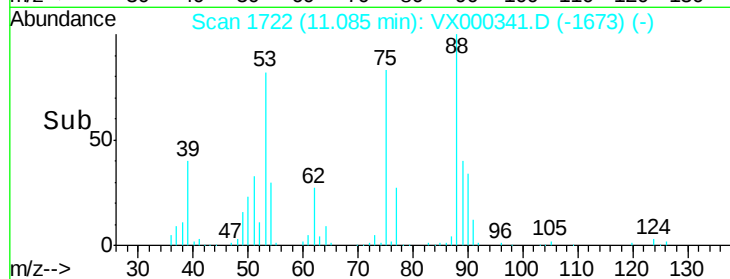
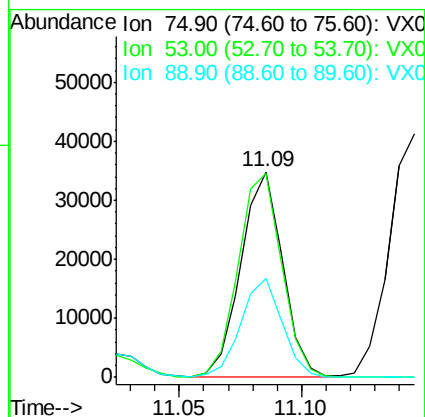
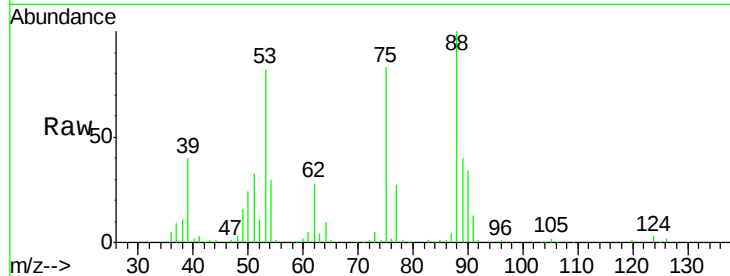
89 48.2 39.4 59.0

Manual Integrations

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#82

4-Chlorotoluene

Concen: 52.33 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX000341.D

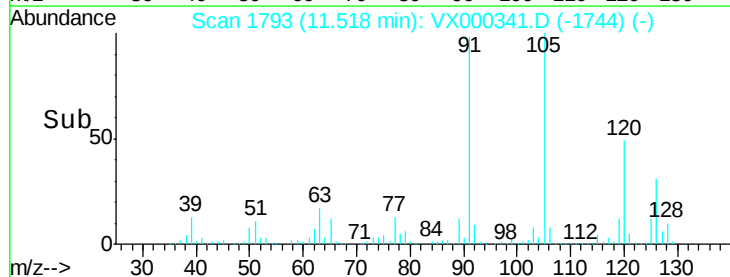
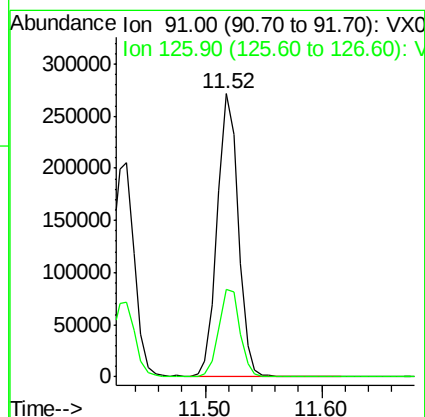
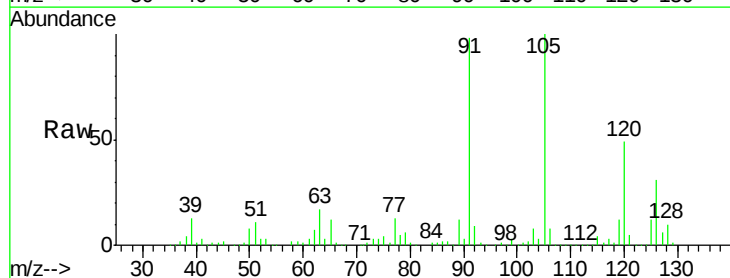
Acq: 15 Mar 2018 20:34

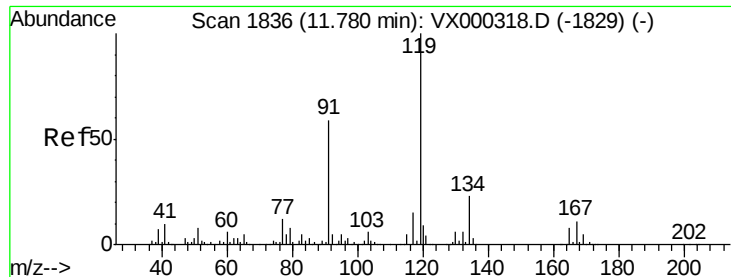
Tgt Ion: 91 Resp: 336547

Ion Ratio Lower Upper

91 100

126 31.4 15.4 46.1





#83

tert-Butylbenzene

Concen: 53.62 ug/l

RT: 11.78 min Scan# 1836

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

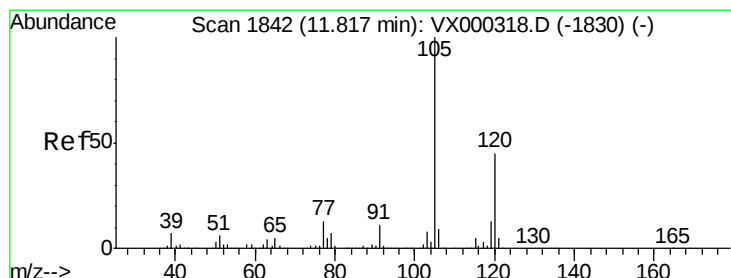
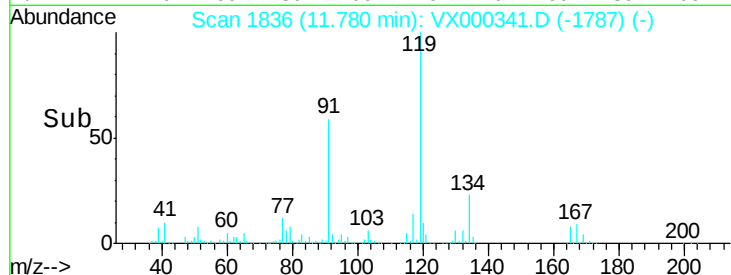
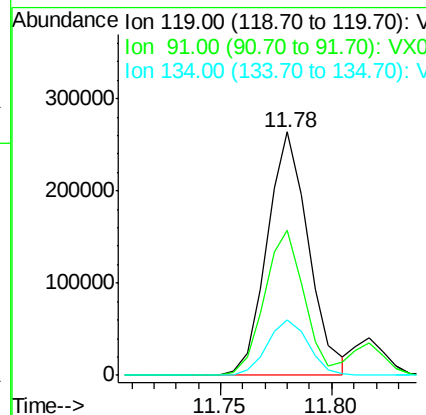
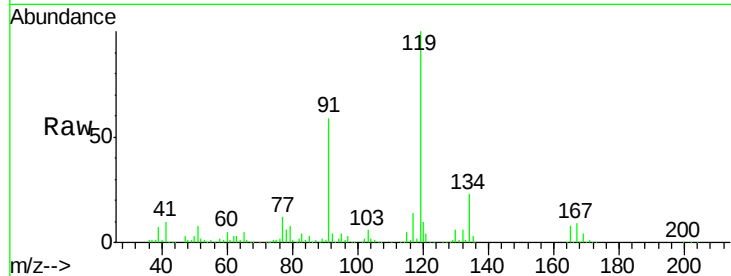
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	340732
Ion Ratio	Lower	Upper	
119	100		
91	56.9	28.8	86.4
134	22.9	11.4	34.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 54.33 ug/l

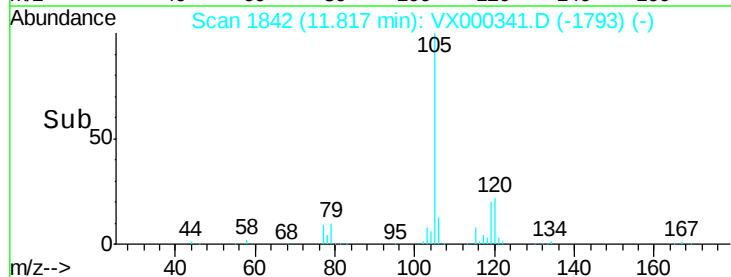
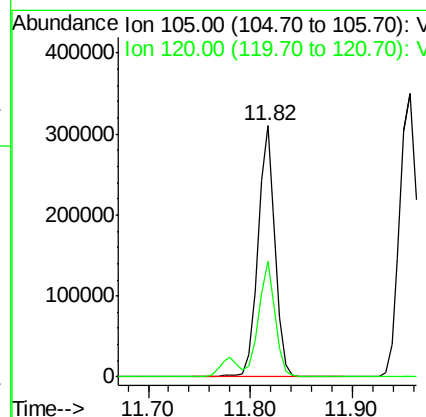
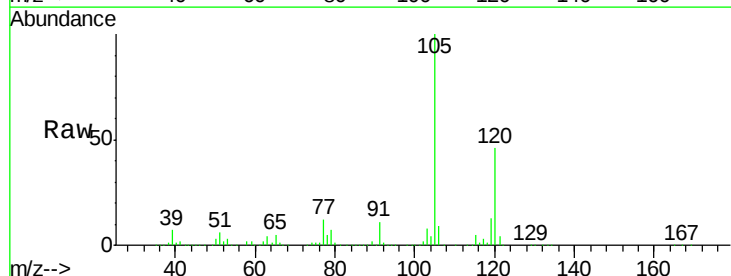
RT: 11.82 min Scan# 1842

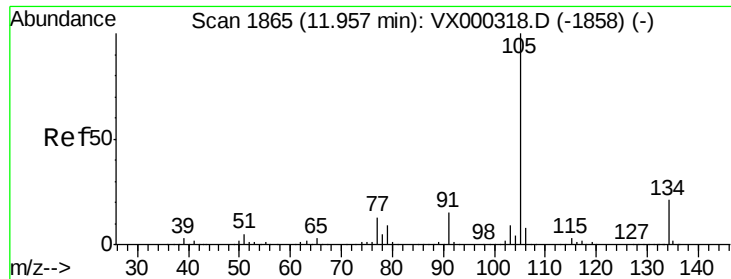
Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Tgt Ion:	105	Resp:	363827
Ion Ratio	Lower	Upper	
105	100		
120	44.6	22.4	67.3





#85

sec-Butylbenzene

Concen: 53.69 ug/l

RT: 11.96 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 427106

Ion Ratio Lower Upper

105 100

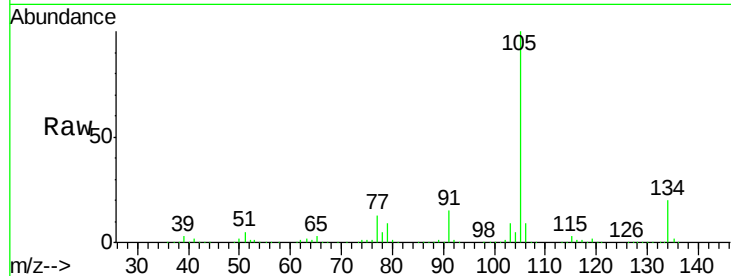
134 20.0 10.3 30.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.96

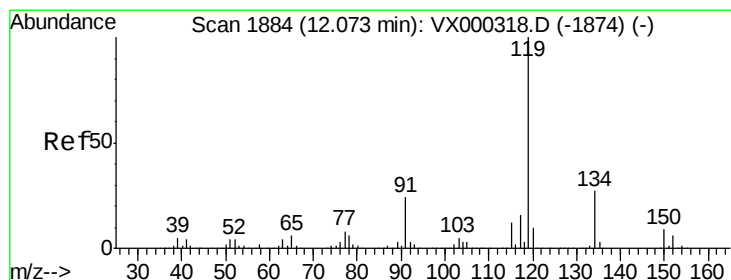
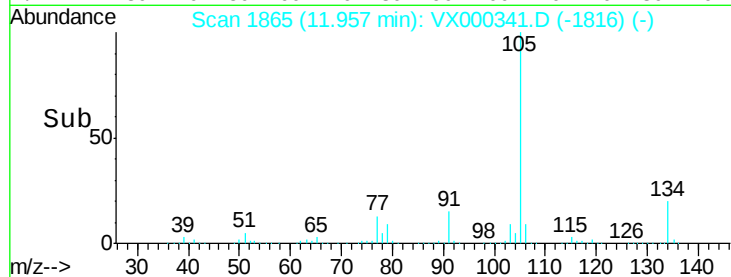
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.58 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

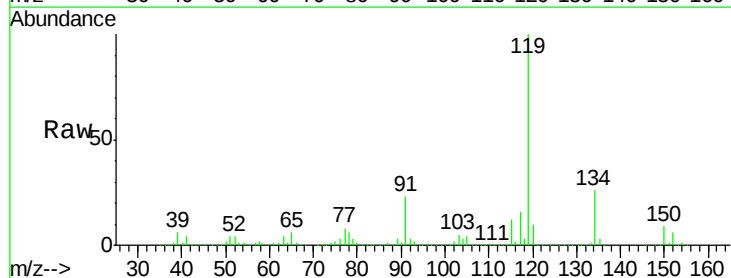
Tgt Ion:119 Resp: 386410

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 23.8 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): V

12.07

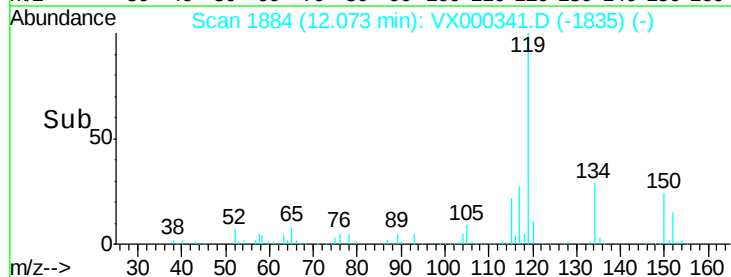
300000

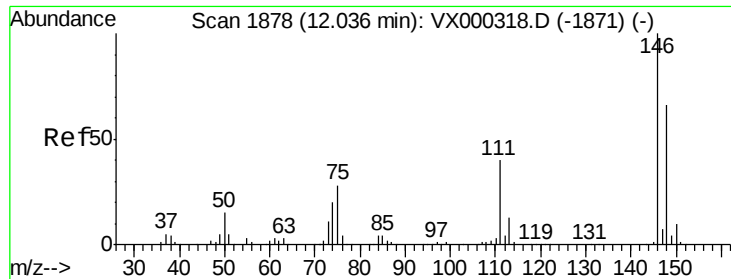
200000

100000

0

Time-->





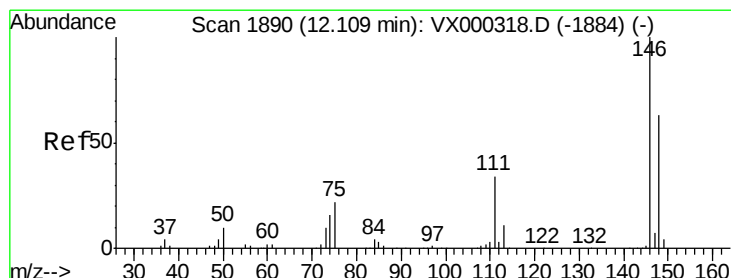
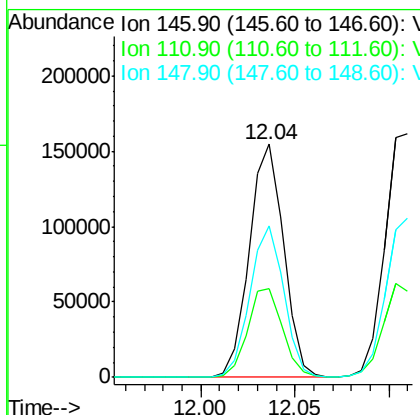
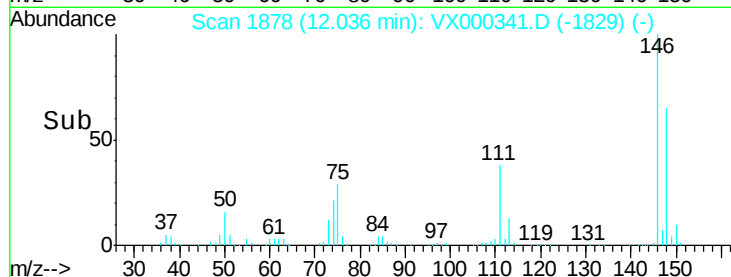
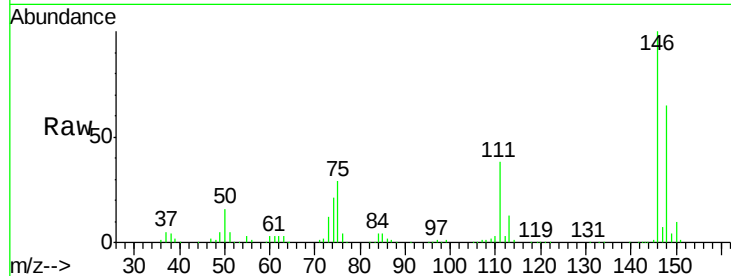
#87
 1,3-Dichlorobenzene
 Concen: 49.78 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.5	58.5
148	63.9	32.4	97.0

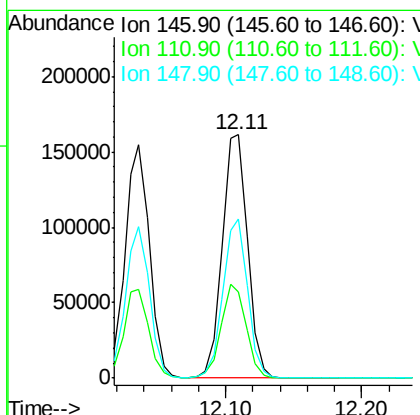
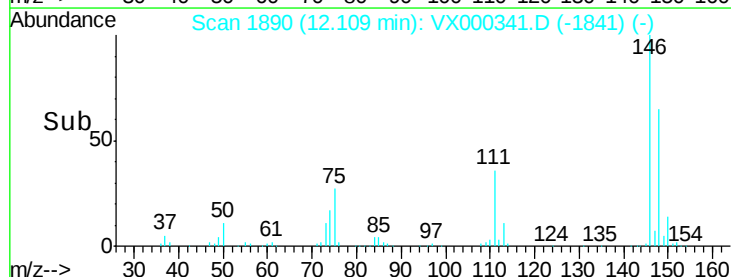
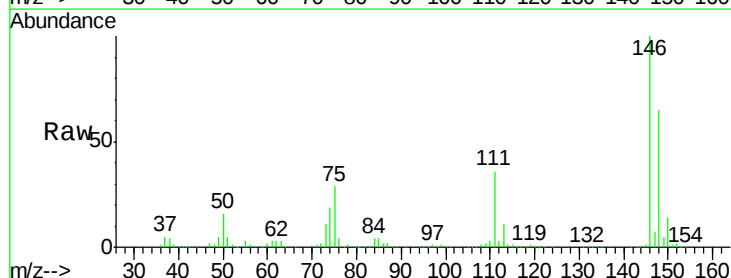
Manual Integrations
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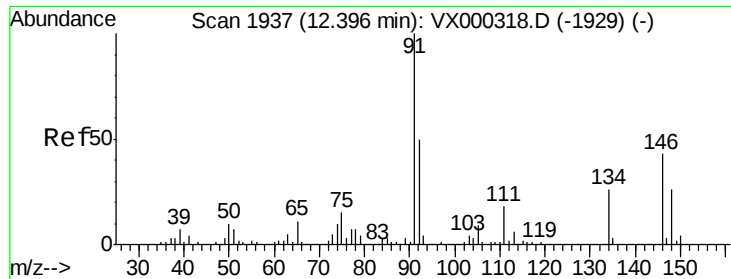
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 50.76 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.9
148	63.6	31.0	93.0





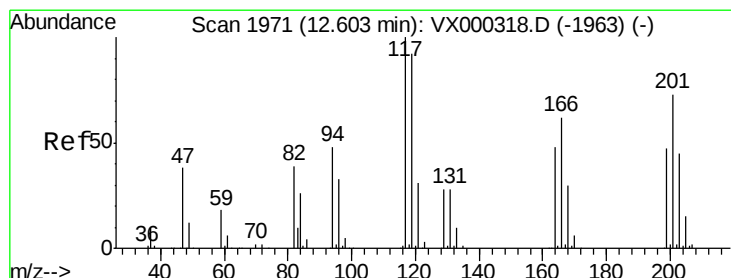
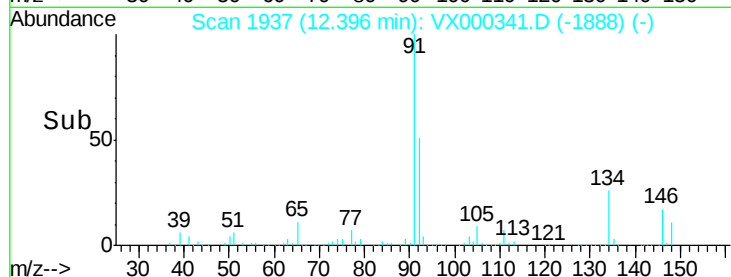
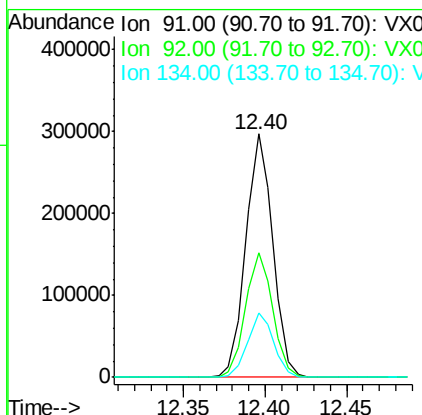
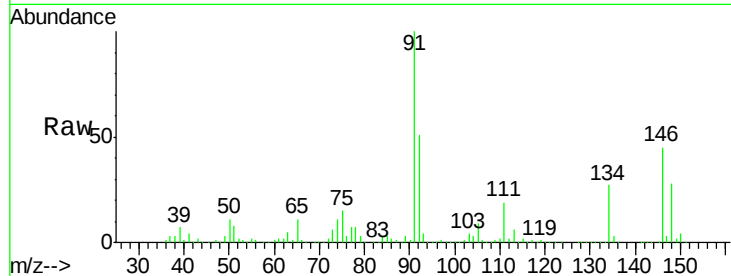
#89
n-Butylbenzene
Concen: 49.97 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	25.9	77.8
134	26.0	13.1	39.3

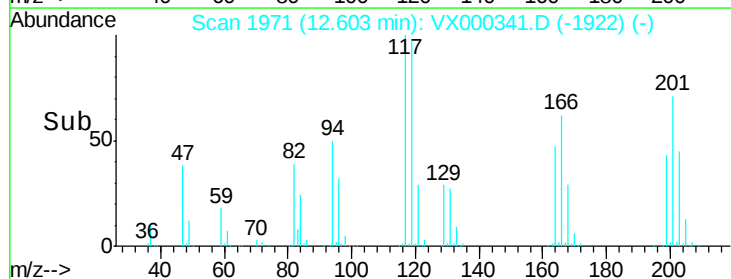
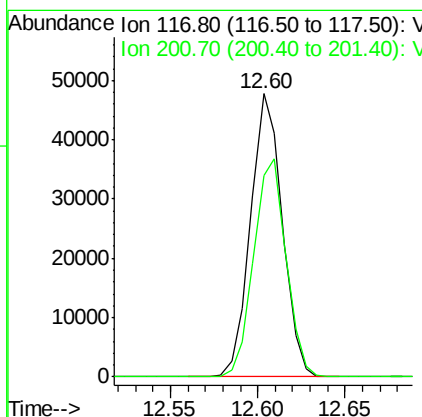
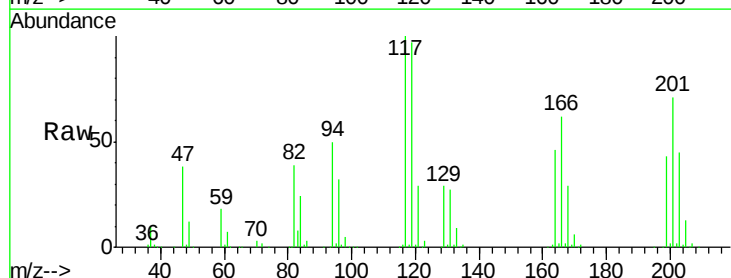
Manual Integrations
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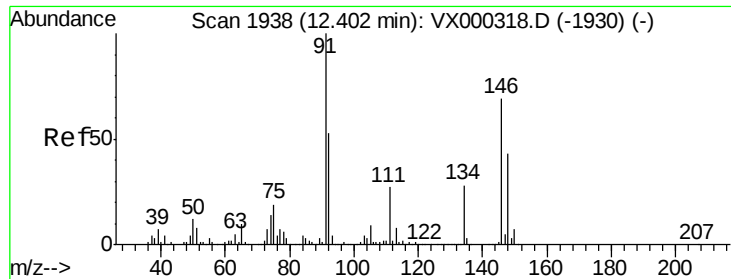
apatel
3/16/2018 3:43:29 PM



#90
Hexachloroethane
Concen: 52.99 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.4	37.9	113.6





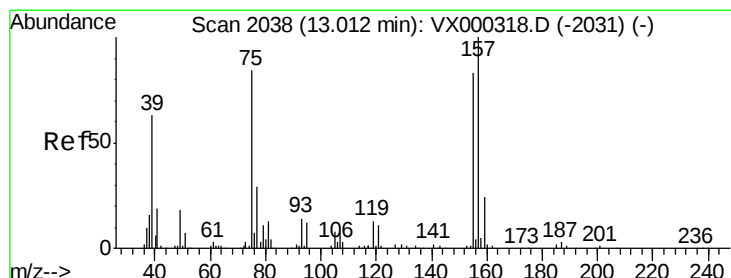
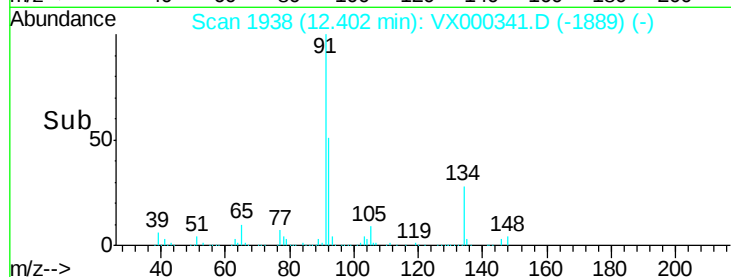
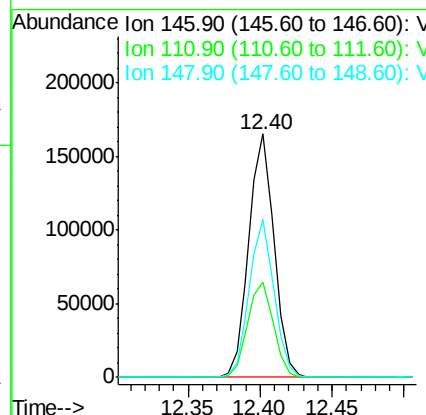
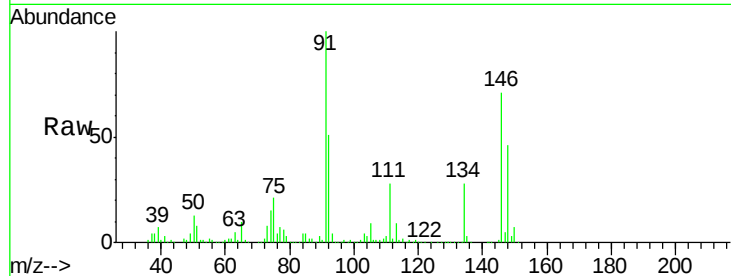
#91
1,2-Dichlorobenzene
Concen: 52.56 ug/l
RT: 12.40 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.2
148	63.5	31.2	93.6

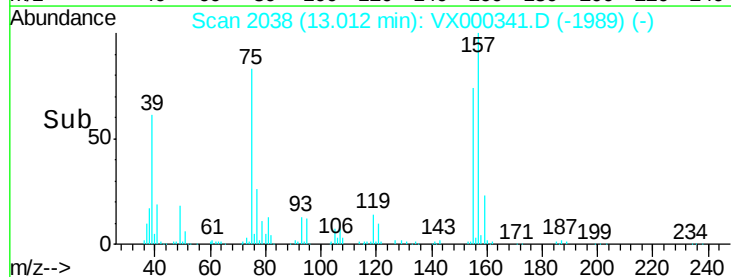
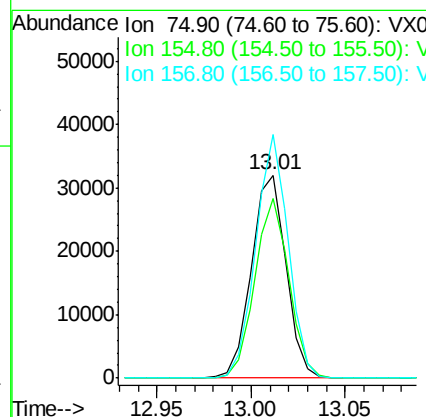
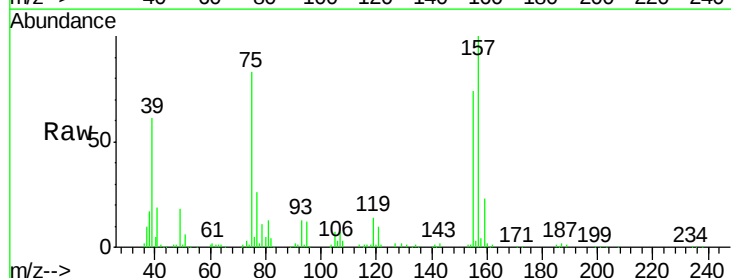
Manual Integrations
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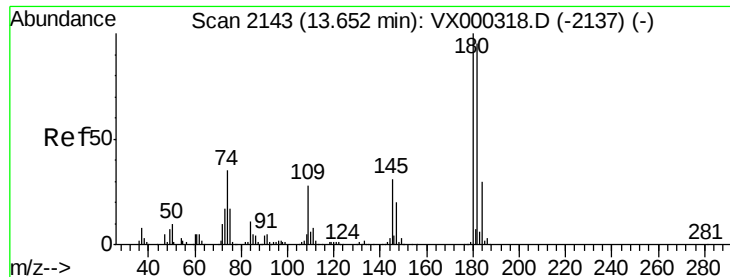
apatel
3/16/2018 3:43:29 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.11 ug/l
RT: 13.01 min Scan# 2038
Delta R.T. 0.00 min
Lab File: VX000341.D
Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.2	45.0	134.8
157	112.8	58.1	174.2





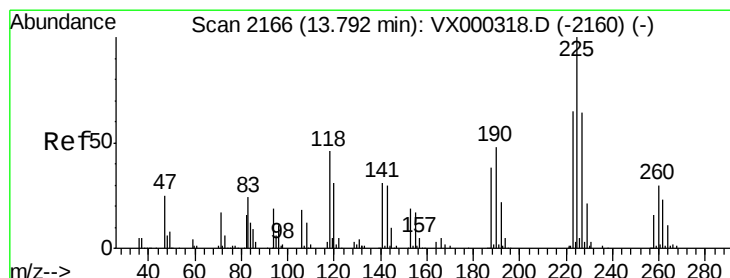
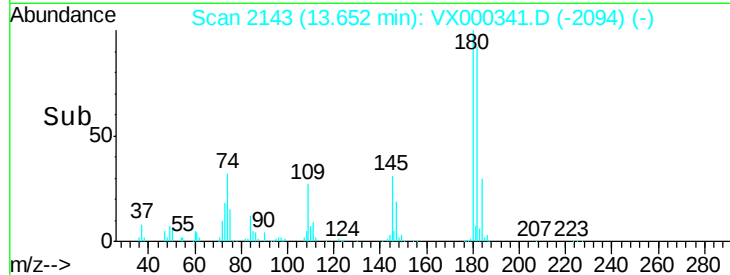
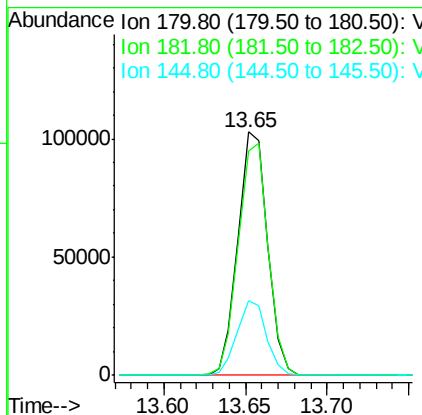
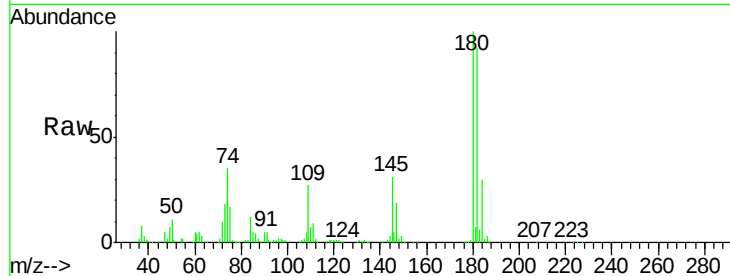
#93
 1,2,4-Trichlorobenzene
 Concen: 47.51 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.4	47.6	142.9	
145	30.4	15.1	45.3	

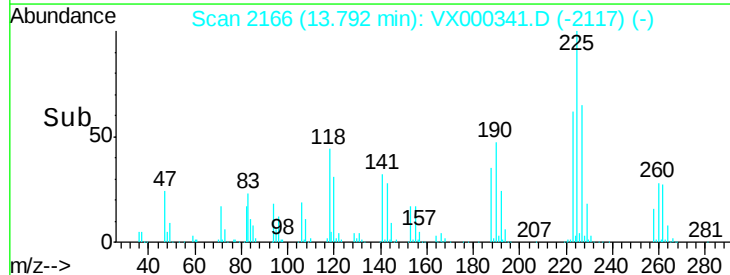
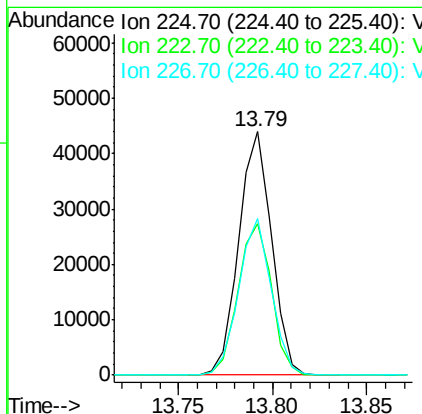
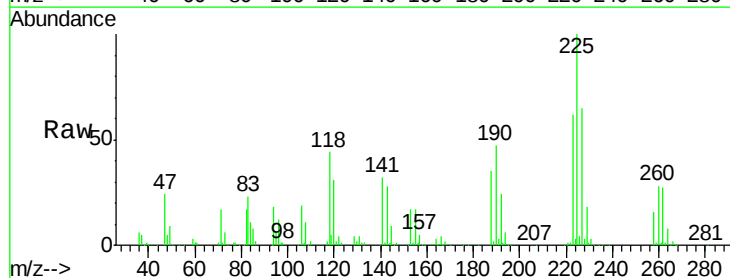
Manual Integrations
 APPROVED

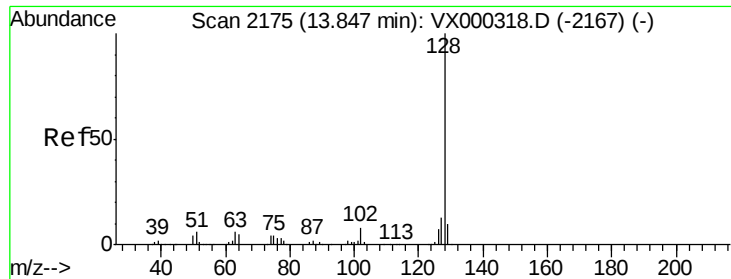
apatel
 3/16/2018 3:43:29 PM



#94
 Hexachlorobutadiene
 Concen: 49.01 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. 0.00 min
 Lab File: VX000341.D
 Acq: 15 Mar 2018 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	32.0	96.0	
227	64.1	32.6	98.0	





#95

Naphthalene

Concen: 53.13 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Instrument :

MSVOA_X

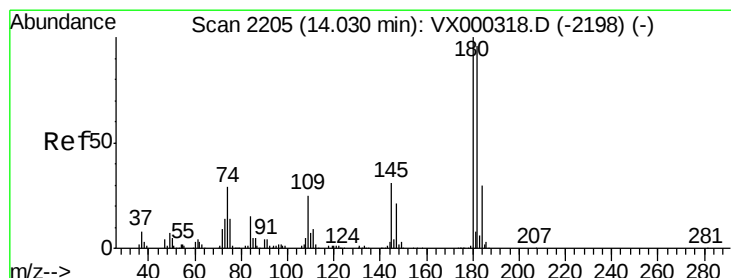
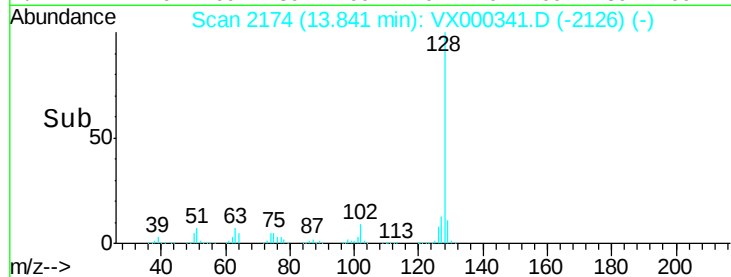
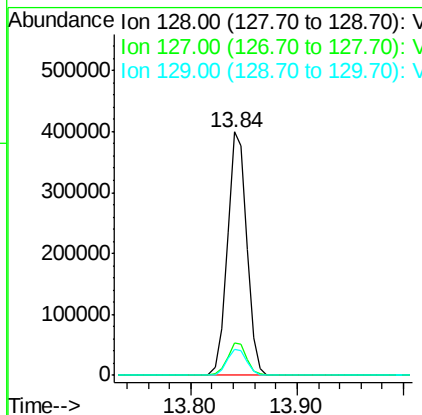
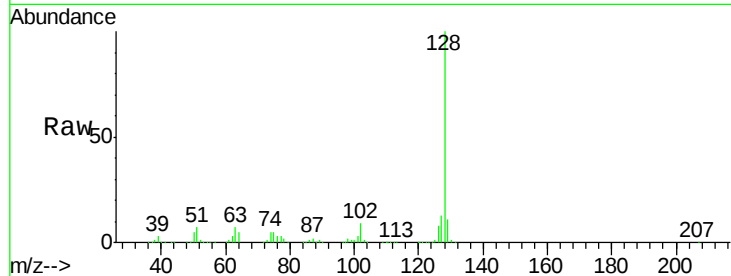
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	506611
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.8	8.9	13.3

Manual Integrations
APPROVED

apatel
3/16/2018 3:43:29 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.32 ug/l

RT: 14.03 min Scan# 2205

Delta R.T. 0.00 min

Lab File: VX000341.D

Acq: 15 Mar 2018 20:34

Tgt Ion:	180	Resp:	134141
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.4	142.3
145	31.7	15.8	47.3

