

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000745.D
 Acq On : 08 Apr 2018 21:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 4/9/2018 2:03:36 PM

Quant Time: Apr 09 08:30:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	317462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	447330	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	413059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	247942	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	169986	46.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.64%	
35) Dibromofluoromethane	5.51	113	146203	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
50) Toluene-d8	8.73	98	535457	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
62) 4-Bromofluorobenzene	11.15	95	216302	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	134866	47.17	ug/l	100
3) Chloromethane	1.32	50	89815	39.20	ug/l	97
4) Vinyl Chloride	1.41	62	119426	46.23	ug/l	99
5) Bromomethane	1.64	94	34178	23.48	ug/l	98
6) Chloroethane	1.73	64	78545	49.54	ug/l	100
7) Trichlorofluoromethane	1.93	101	198253	46.86	ug/l	100
8) Diethyl Ether	2.19	74	77273	53.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	118167	47.69	ug/l	98
10) Methyl Iodide	2.51	142	38401	18.21	ug/l	99
11) Tert butyl alcohol	3.07	59	135719	219.69	ug/l	100
12) 1,1-Dichloroethene	2.38	96	106644	47.94	ug/l	96
13) Acrolein	2.30	56	68616	253.78	ug/l	98
14) Allyl chloride	2.73	41	205032	45.58	ug/l	98
15) Acrylonitrile	3.15	53	313365	242.02	ug/l	100
16) Acetone	2.45	43	267732	235.10	ug/l	98
17) Carbon Disulfide	2.57	76	255685	51.65	ug/l	99
18) Methyl Acetate	2.78	43	168641	49.88	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	410647	49.64	ug/l	98
20) Methylene Chloride	2.86	84	121105	49.59	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	117824	49.54	ug/l	97
22) Diisopropyl ether	3.88	45	431146	48.92	ug/l	97
23) Vinyl Acetate	3.83	43	1803112	241.59	ug/l	99
24) 1,1-Dichloroethane	3.70	63	231087	50.09	ug/l	99
25) 2-Butanone	4.71	43	460267	231.02	ug/l	97
26) 2,2-Dichloropropane	4.59	77	197433	42.05	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	146647	48.22	ug/l	97
28) Bromochloromethane	5.03	49	97629	53.76	ug/l	96
29) Tetrahydrofuran	5.17	42	289370	228.24	ug/l	98
30) Chloroform	5.23	83	244886	48.82	ug/l	100
31) Cyclohexane	5.59	56	183404	50.17	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	230593	48.24	ug/l	99
36) 1,1-Dichloropropene	5.81	75	174289	45.49	ug/l	99
37) Ethyl Acetate	4.87	43	182284	44.08	ug/l	99
38) Carbon Tetrachloride	5.79	117	210111	46.80	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	196563	48.43	ug/l	96
40) Benzene	6.15	78	514607	47.75	ug/l	100
41) Methacrylonitrile	5.07	41	108587	45.33	ug/l	99
42) 1,2-Dichloroethane	6.21	62	197463	46.46	ug/l	99
43) Isopropyl Acetate	6.48	43	324462	45.06	ug/l	99
44) Trichloroethene	7.22	130	160113	48.89	ug/l	98
45) 1,2-Dichloropropane	7.52	63	136055	47.09	ug/l	97
46) Dibromomethane	7.67	93	93891	46.82	ug/l	97
47) Bromodichloromethane	7.91	83	197438	47.58	ug/l	100
48) Methyl methacrylate	7.79	41	167578	46.25	ug/l	98
49) 1,4-Dioxane	7.76	88	60839	846.02	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	961880	230.53	ug/l	99
52) Toluene	8.79	92	342004	47.60	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	230752	46.73	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	225868	46.06	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	142976	48.92	ug/l	98
56) Ethyl methacrylate	9.19	69	221779	47.59	ug/l	98
57) 1,3-Dichloropropane	9.38	76	227837	47.66	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	538154	246.57	ug/l	99
59) 2-Hexanone	9.51	43	724905	227.64	ug/l	98
60) Dibromochloromethane	9.59	129	176502	48.42	ug/l	100
61) 1,2-Dibromoethane	9.68	107	149286	47.57	ug/l	98
64) Tetrachloroethene	9.34	164	156600	48.36	ug/l	98
65) Chlorobenzene	10.15	112	411519	48.40	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	161755	48.73	ug/l	100
67) Ethyl Benzene	10.26	91	682185	47.83	ug/l	100
68) m/p-Xylenes	10.37	106	538338	96.48	ug/l	99
69) o-Xylene	10.71	106	261435	47.75	ug/l	100
70) Styrene	10.72	104	452226	48.89	ug/l	99
71) Bromoform	10.87	173	153495	48.83	ug/l #	99
73) Isopropylbenzene	11.02	105	716972	48.37	ug/l	100
74) N-amyl acetate	6.48	43	324462	44.98	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	211226	47.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	198694m	47.10	ug/l	
77) Bromobenzene	11.26	156	209521	49.84	ug/l	97
78) n-propylbenzene	11.37	91	806566	47.43	ug/l	100
79) 2-Chlorotoluene	11.43	91	478654	47.19	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	611756	47.65	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	66735	41.19	ug/l	95
82) 4-Chlorotoluene	11.52	91	574678	47.28	ug/l	100
83) tert-Butylbenzene	11.78	119	639227	48.57	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	636184	47.86	ug/l	99
85) sec-Butylbenzene	11.95	105	738649	47.96	ug/l	100
86) p-Isopropyltoluene	12.07	119	684071	47.51	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	384305	48.79	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	392696	48.64	ug/l	99
89) n-Butylbenzene	12.40	91	597170	46.43	ug/l	100
90) Hexachloroethane	12.60	117	122454	46.83	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	377367	49.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51074	44.11	ug/l	93

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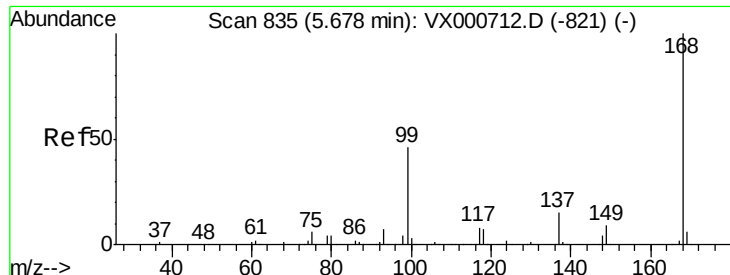
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	318088	48.62	ug/l	100
94) Hexachlorobutadiene	13.79	225	148067	45.96	ug/l	99
95) Naphthalene	13.84	128	846252	49.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	314237	49.79	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 317462

Ion Ratio Lower Upper

168 100

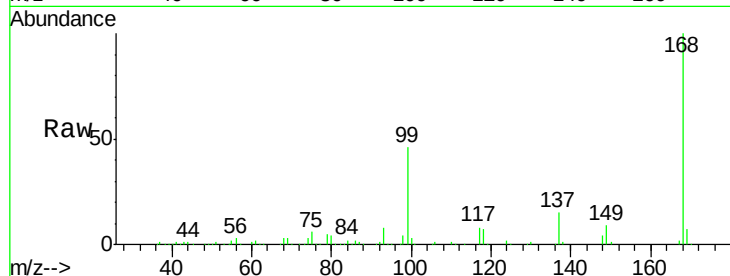
99 45.7 37.2 55.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

120000

100000

80000

60000

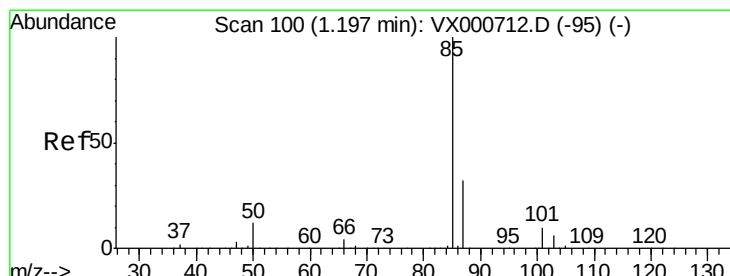
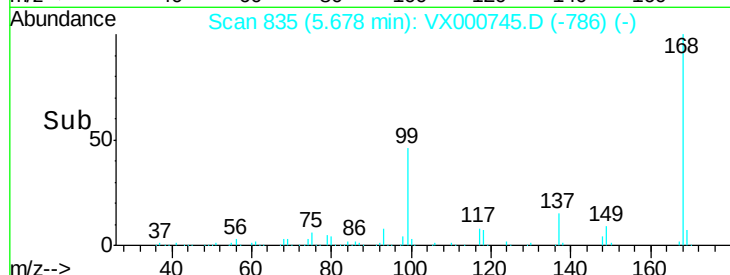
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 47.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000745.D

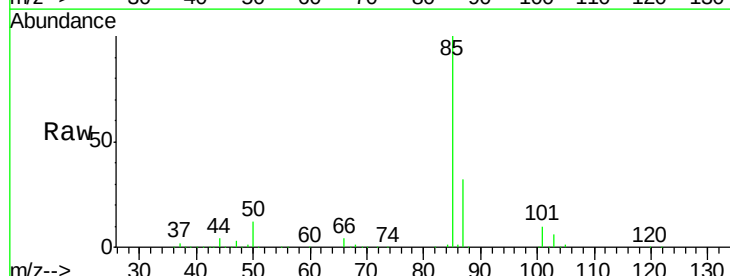
Acq: 08 Apr 2018 21:10

Tgt Ion: 85 Resp: 134866

Ion Ratio Lower Upper

85 100

87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

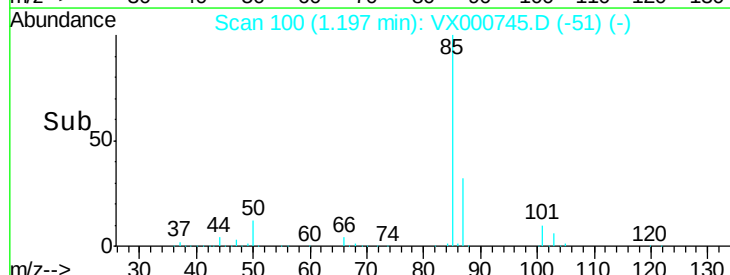
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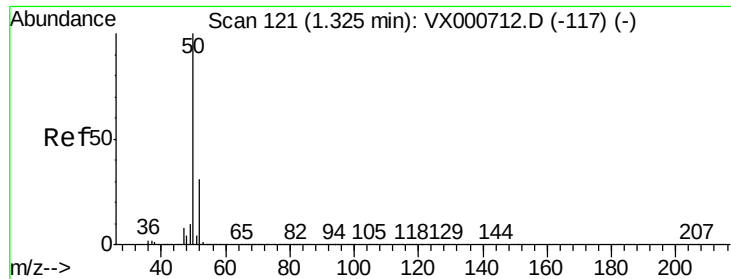
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 39.20 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 89815

Ion Ratio Lower Upper

50 100

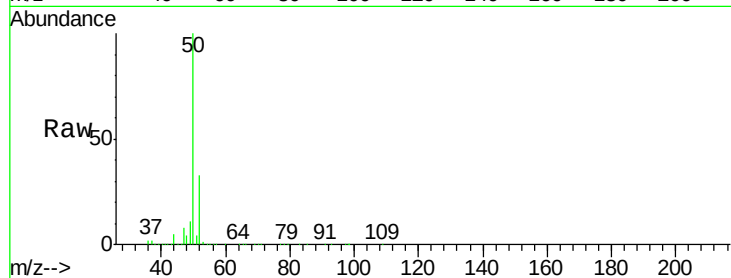
52 32.8 24.9 37.3

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

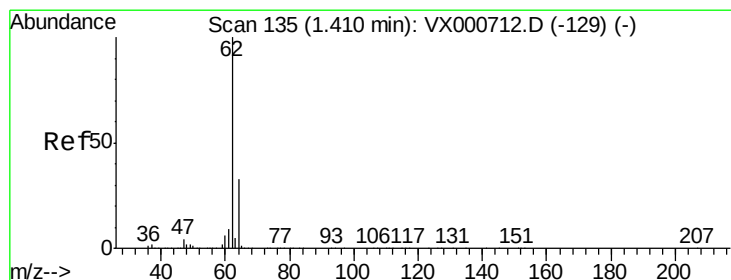
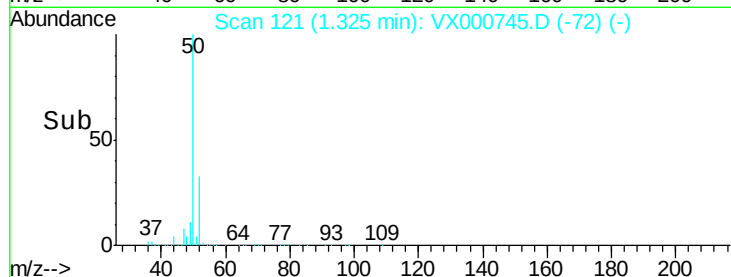
60000

40000

20000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 46.23 ug/l

RT: 1.41 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX000745.D

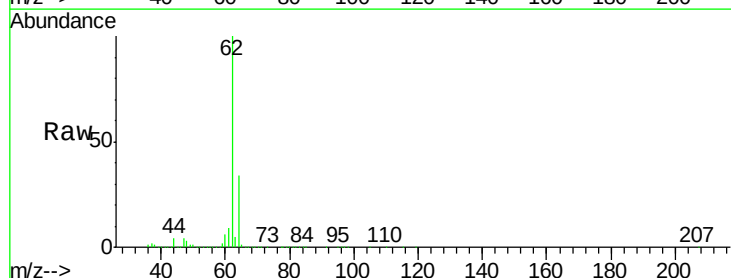
Acq: 08 Apr 2018 21:10

Tgt Ion: 62 Resp: 119426

Ion Ratio Lower Upper

62 100

64 33.3 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

120000

100000

80000

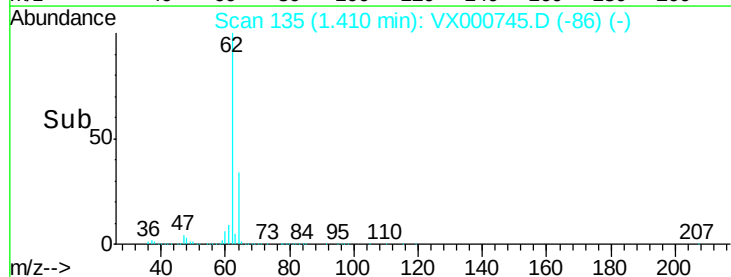
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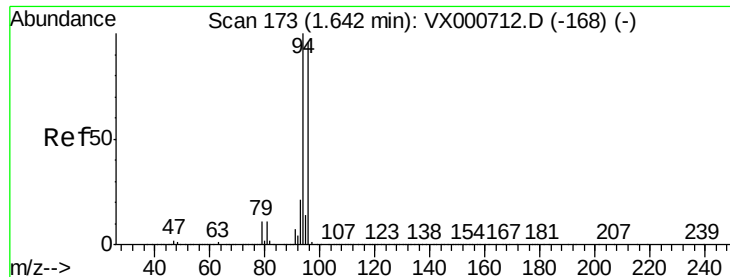
40000

20000

0

Time--> 1.35 1.40 1.45 1.50 1.55





#5

Bromomethane

Concen: 23.48 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 34178

Ion Ratio Lower Upper

94 100

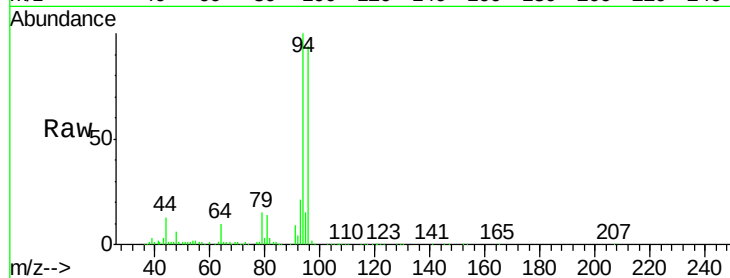
96 93.3 76.5 114.7

Manual Integrations

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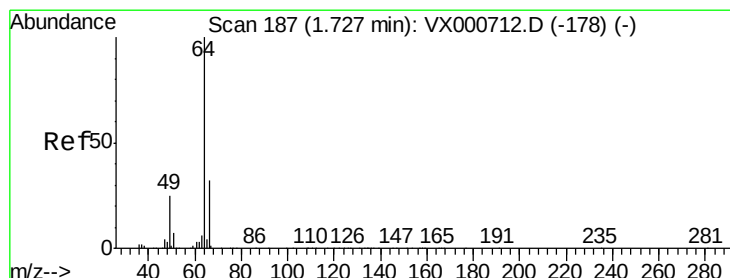
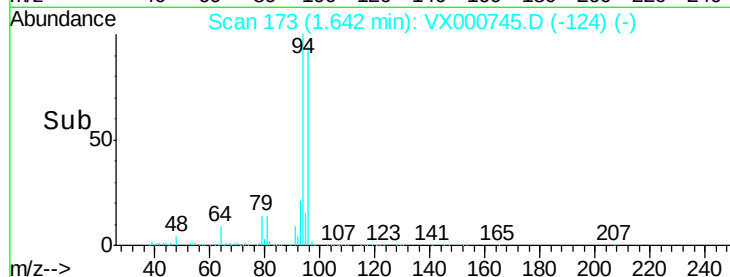
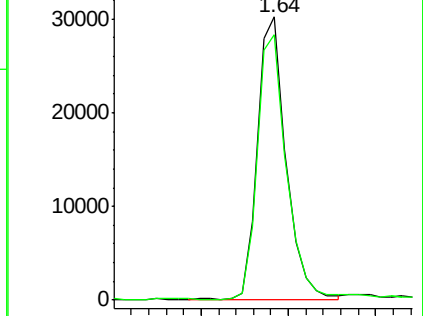
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.54 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX000745.D

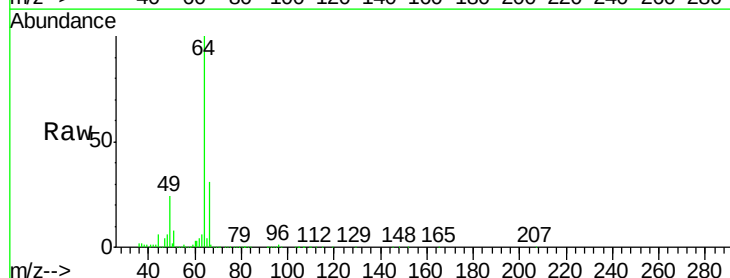
Acq: 08 Apr 2018 21:10

Tgt Ion: 64 Resp: 78545

Ion Ratio Lower Upper

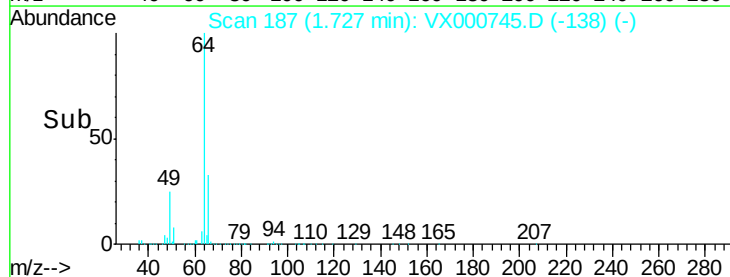
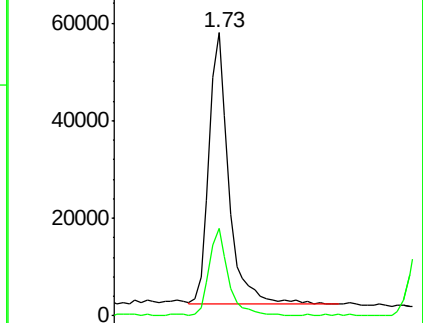
64 100

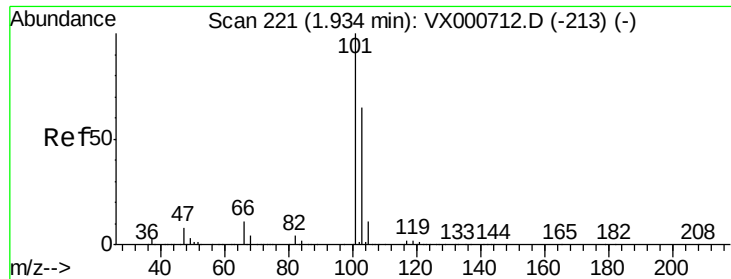
66 31.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

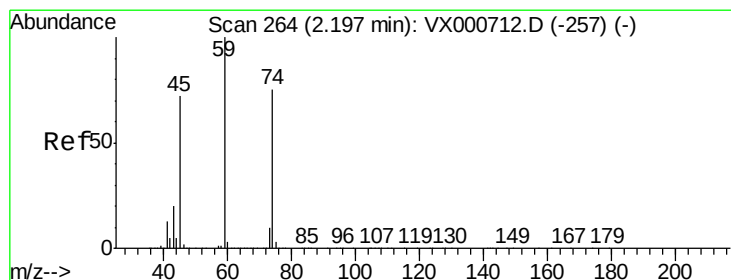
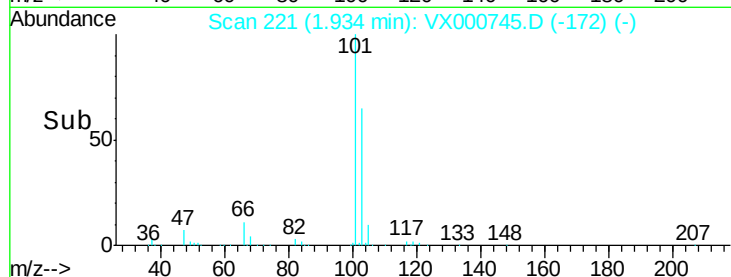
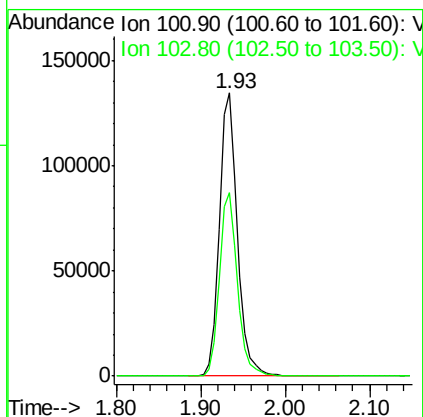
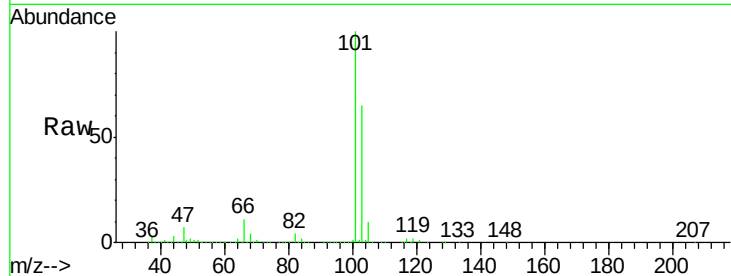
Trichlorofluoromethane
Concen: 46.86 ug/l
RT: 1.93 min Scan# 221
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.1	78.1

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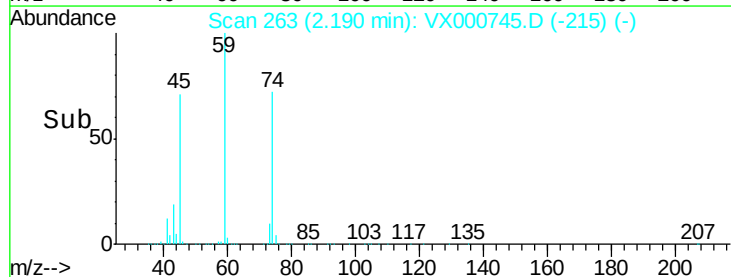
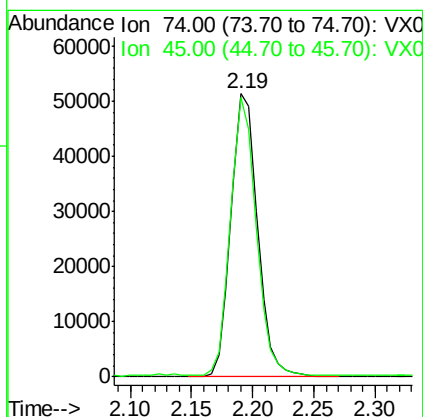
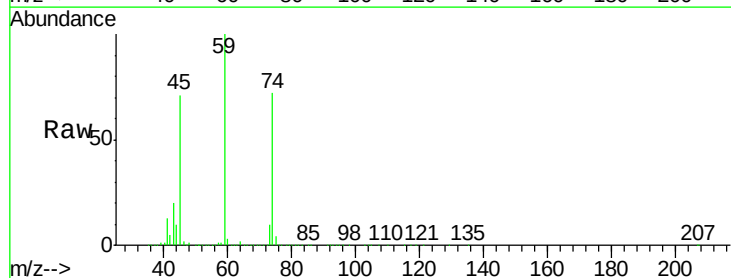
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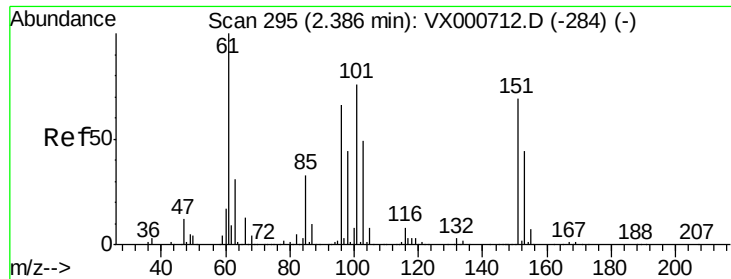


#8

Diethyl Ether
Concen: 53.02 ug/l
RT: 2.19 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	48.4	145.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.69 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

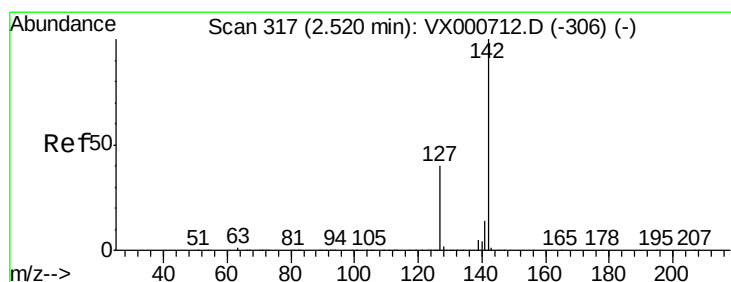
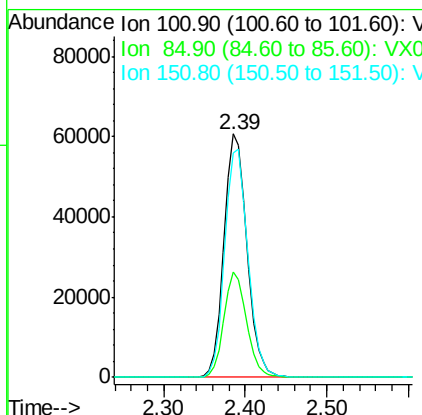
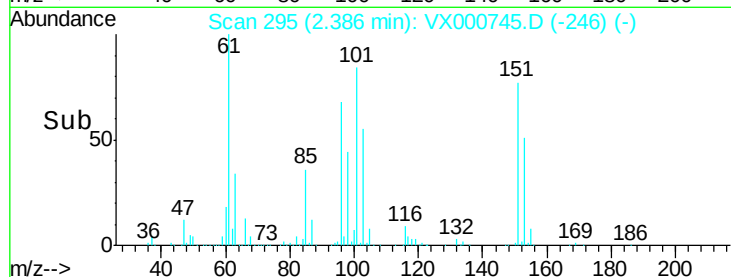
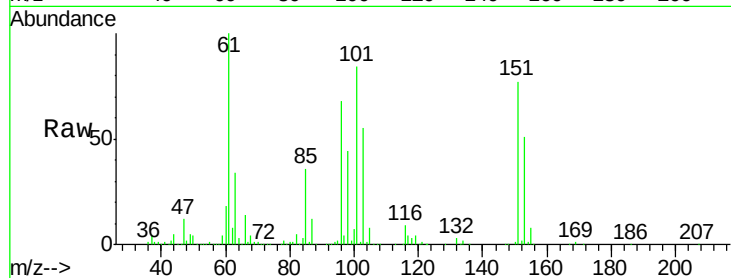
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	118167
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.3	51.5
151	94.4	73.8	110.8

Manual Integrations
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#10

Methyl Iodide

Concen: 18.21 ug/l

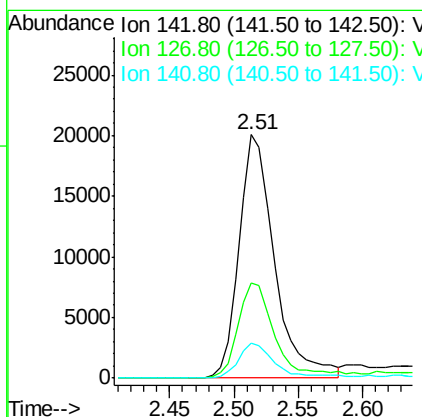
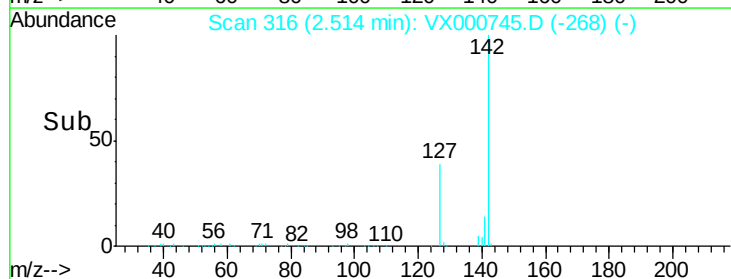
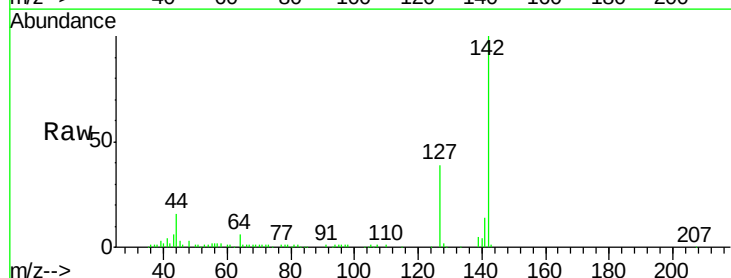
RT: 2.51 min Scan# 316

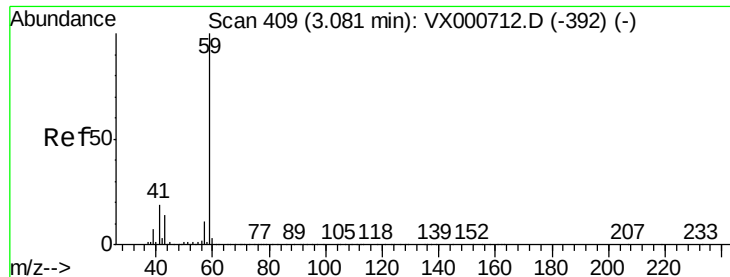
Delta R.T. -0.01 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion:	142	Resp:	38401
Ion Ratio	Lower	Upper	
142	100		
127	41.9	33.9	50.9
141	14.8	11.4	17.0





#11

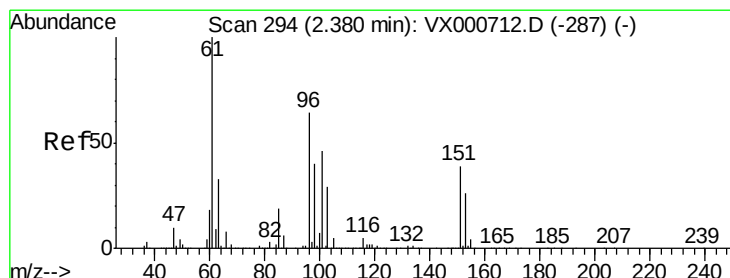
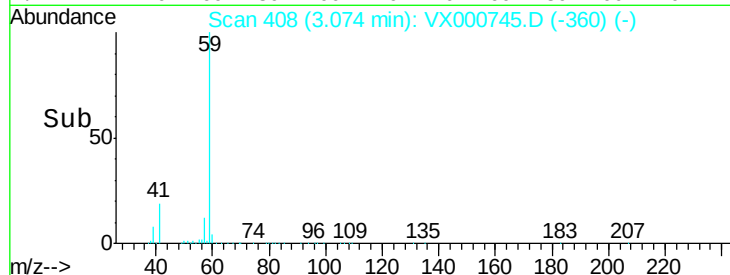
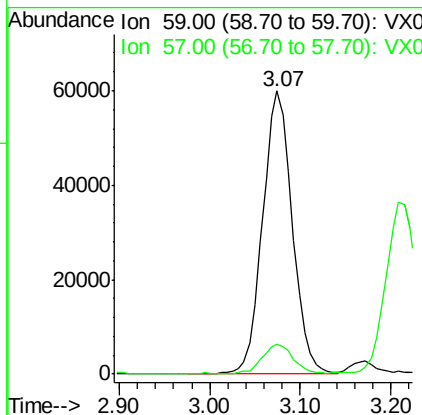
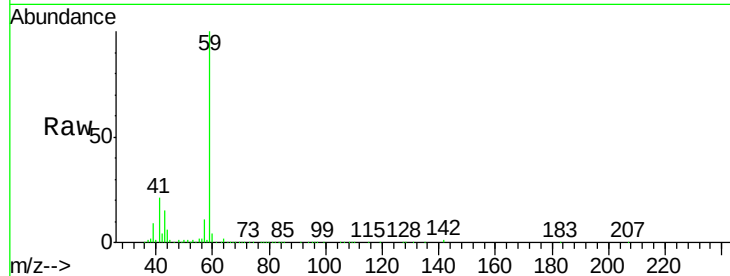
Tert butyl alcohol
Concen: 219.69 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	135719
Ion Ratio	100	Lower	Upper
57	10.4	8.4	12.6

Manual Integrations
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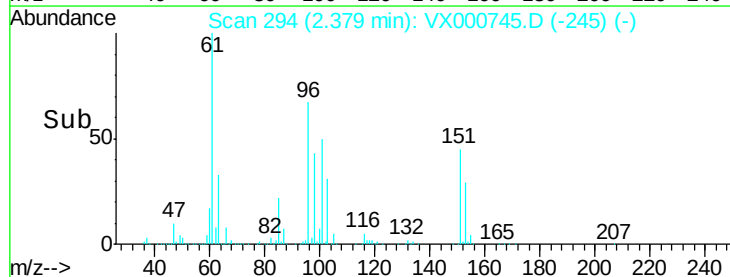
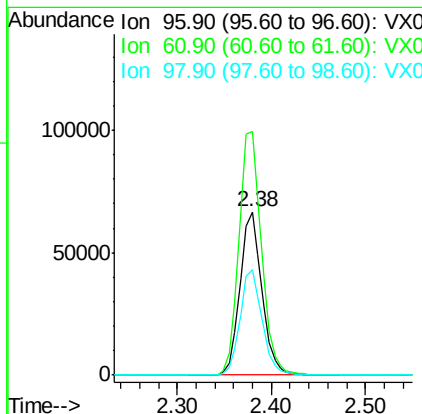
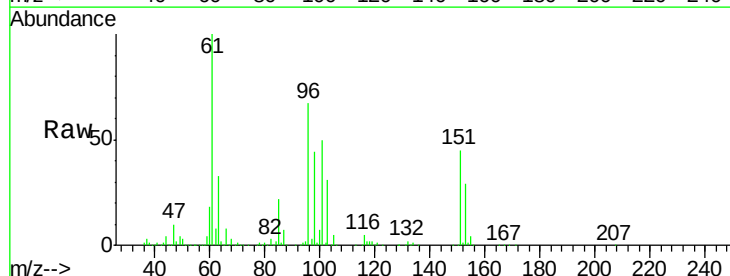
sam
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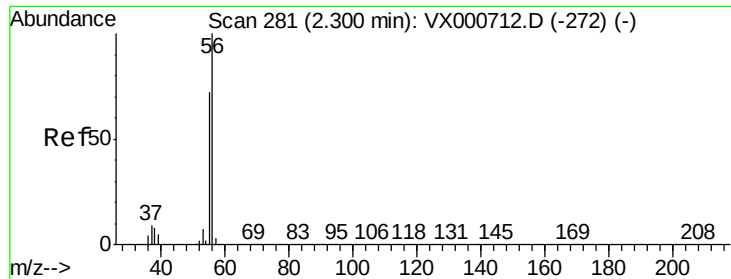


#12

1,1-Dichloroethene
Concen: 47.94 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	96	Resp	106644
Ion Ratio	100	Lower	Upper
61	149.3	125.0	187.4
98	64.8	50.5	75.7





#13

Acrolein

Concen: 253.78 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 68616

Ion Ratio Lower Upper

56 100

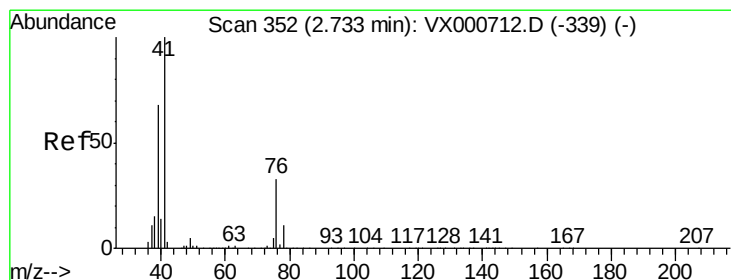
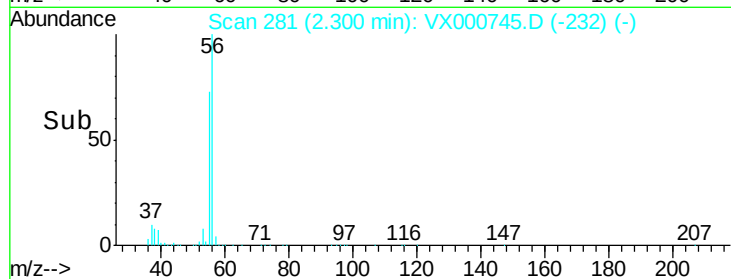
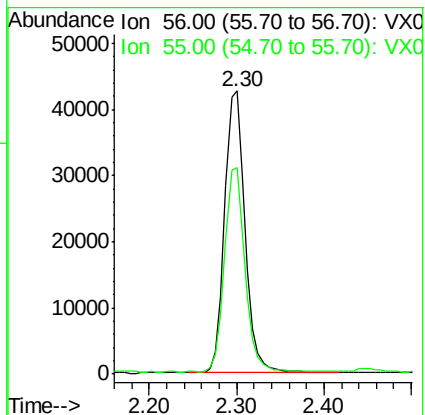
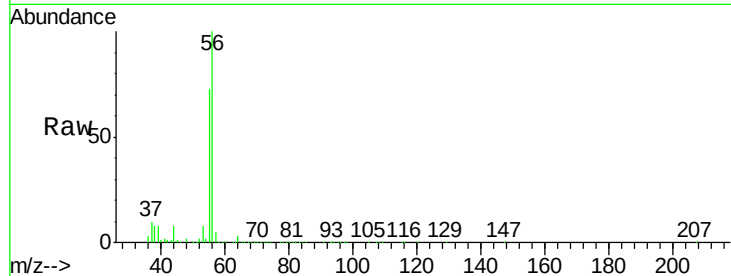
55 73.2 57.4 86.2

Manual Integrations

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sam

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#14

Allyl chloride

Concen: 45.58 ug/l

RT: 2.73 min Scan# 352

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

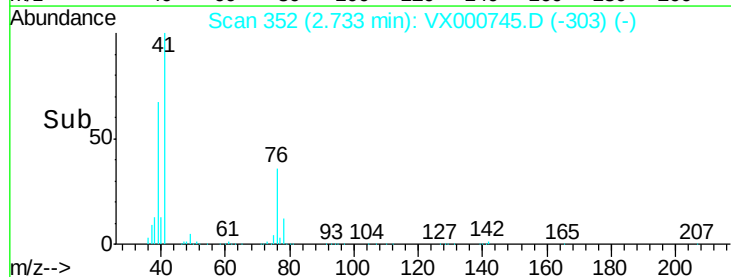
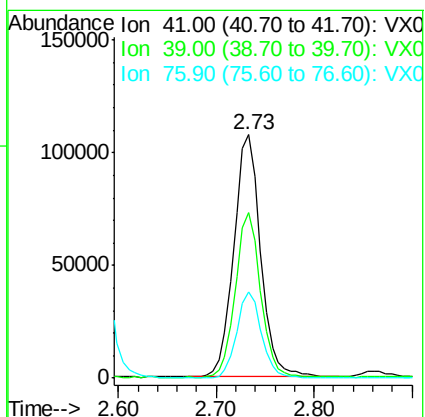
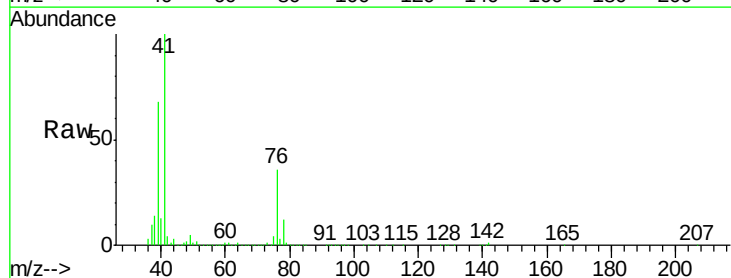
Tgt Ion: 41 Resp: 205032

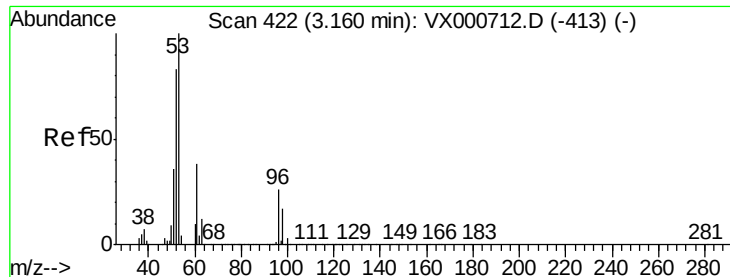
Ion Ratio Lower Upper

41 100

39 63.8 52.4 78.6

76 32.6 25.9 38.9





#15

Acrylonitrile

Concen: 242.02 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

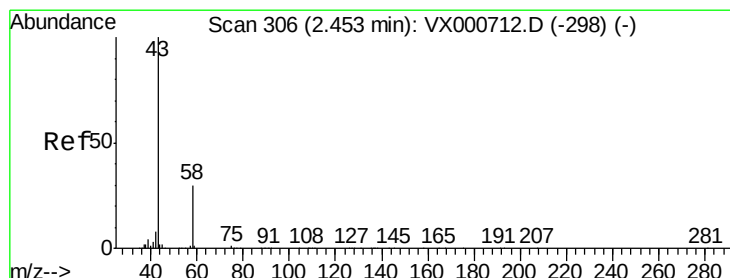
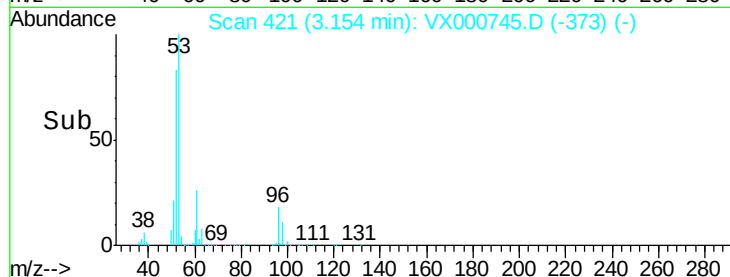
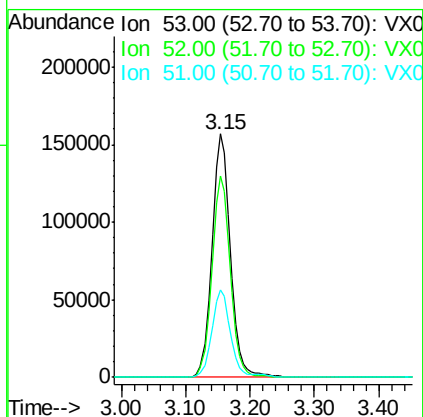
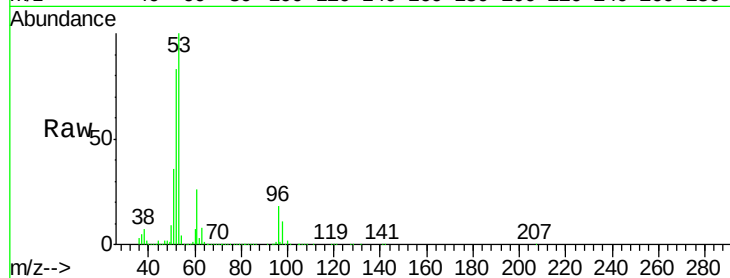
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	313365
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.1	99.1
51	36.3	29.1	43.7

Manual Integrations
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#16

Acetone

Concen: 235.10 ug/l

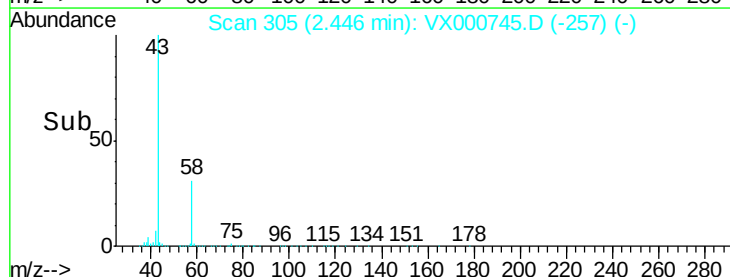
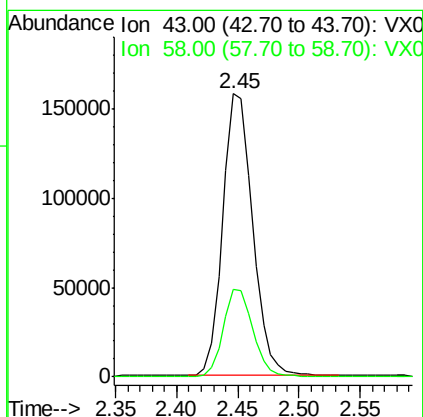
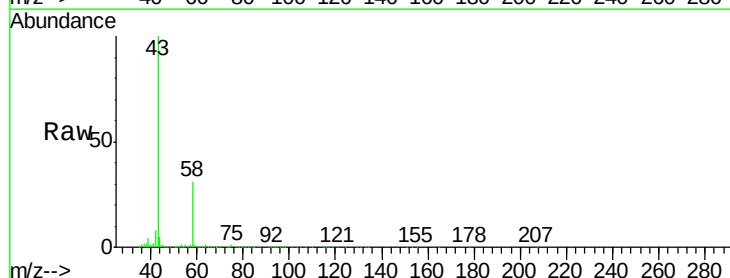
RT: 2.45 min Scan# 305

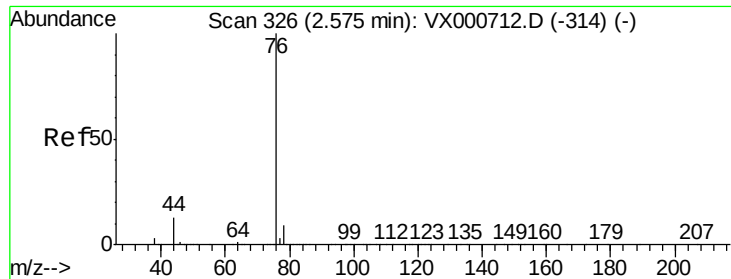
Delta R.T. -0.01 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion:	43	Resp:	267732
Ion	Ratio	Lower	Upper
43	100		
58	30.9	24.0	36.0





#17

Carbon Disulfide

Concen: 51.65 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 76 Resp: 255685

Ion Ratio Lower Upper

76 100

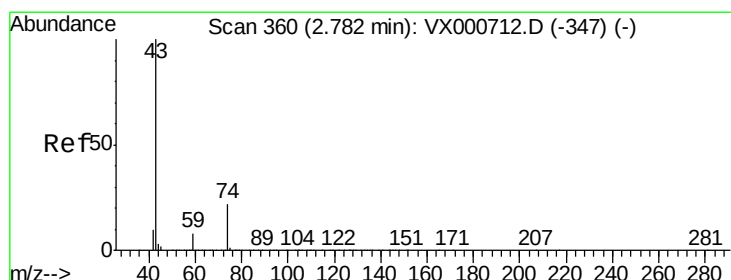
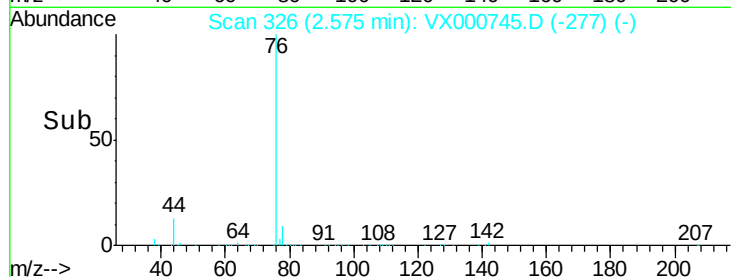
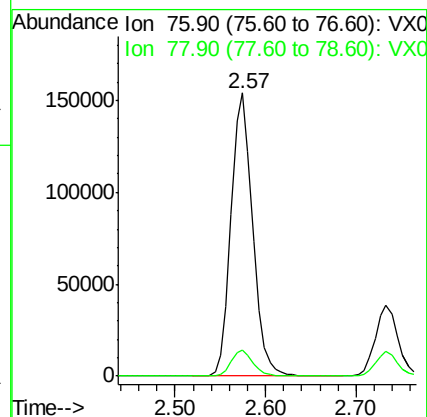
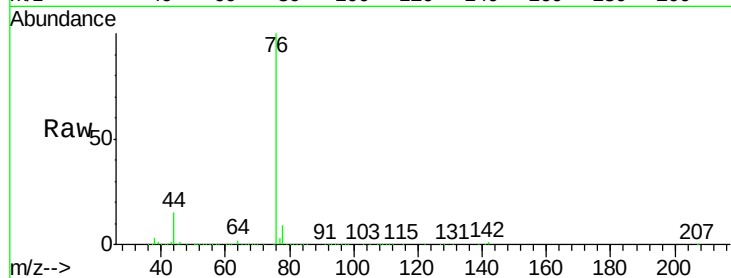
78 9.3 7.1 10.7

Manual Integrations

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sam

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#18

Methyl Acetate

Concen: 49.88 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX000745.D

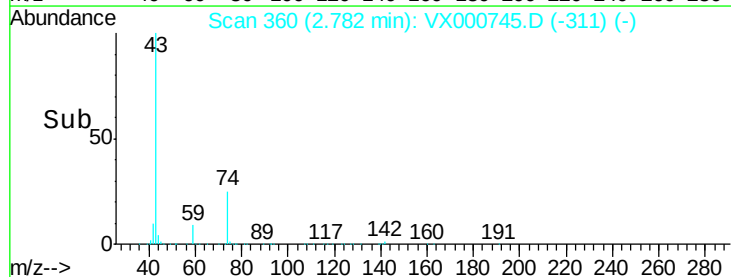
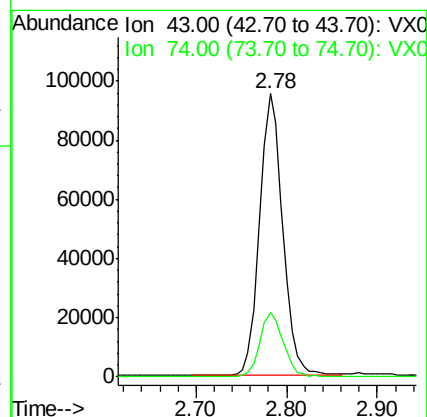
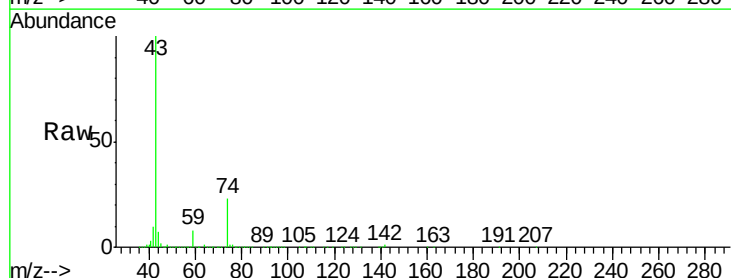
Acq: 08 Apr 2018 21:10

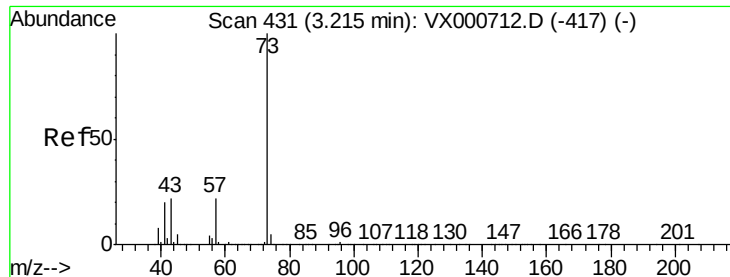
Tgt Ion: 43 Resp: 168641

Ion Ratio Lower Upper

43 100

74 22.9 19.0 28.6





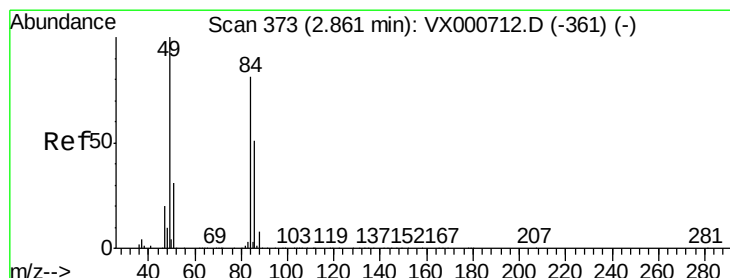
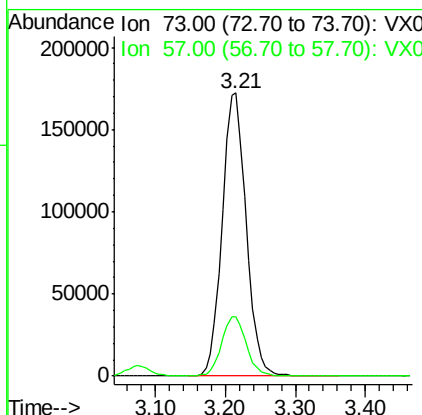
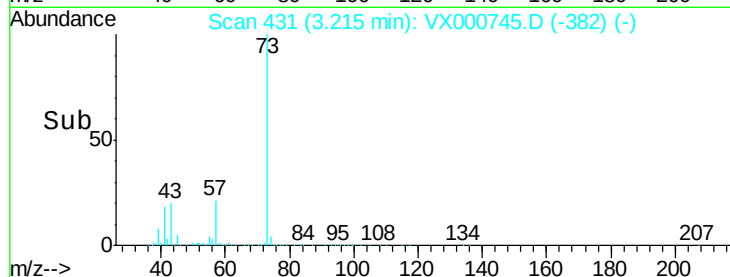
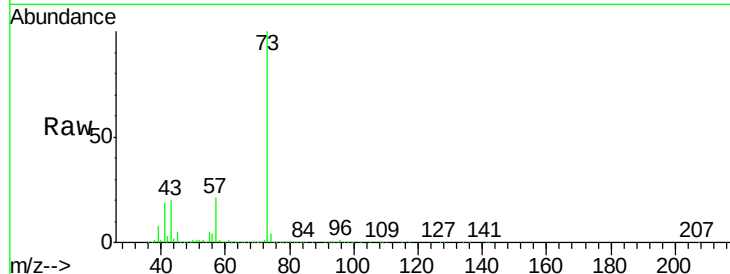
#19
Methyl tert-butyl Ether
Concen: 49.64 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	17.3	25.9

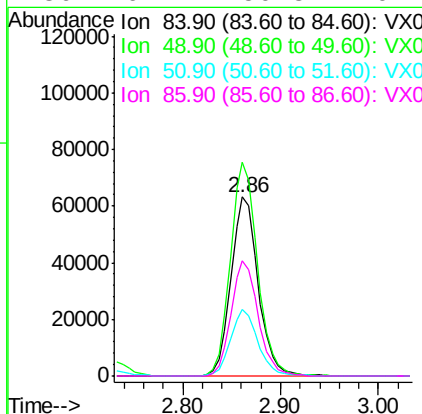
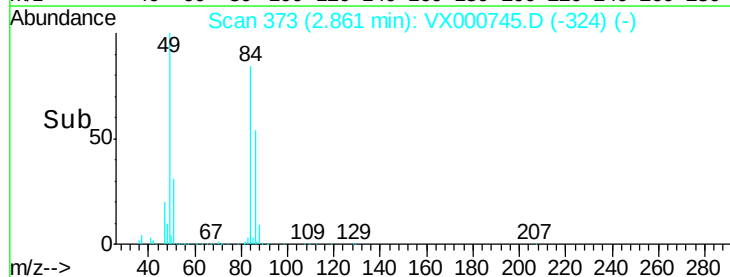
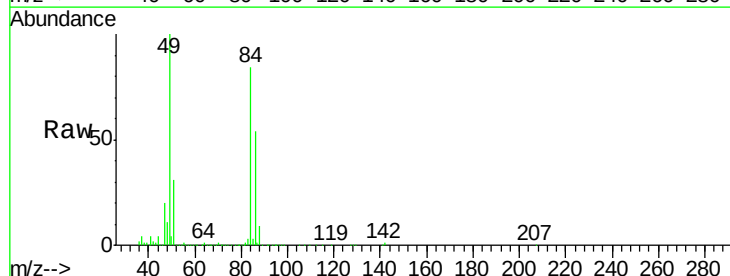
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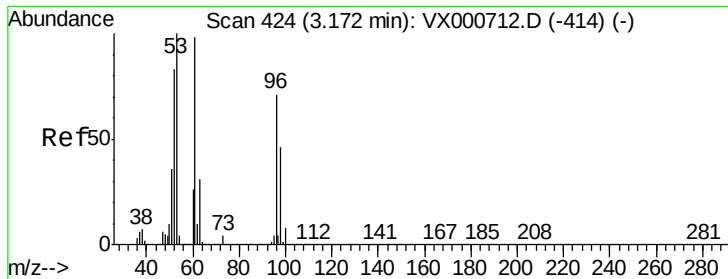
sam
4/9/2018 2:03:36 PM



#20
Methylene Chloride
Concen: 49.59 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.7	98.6	148.0
51	37.4	30.8	46.2
86	64.7	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 49.54 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

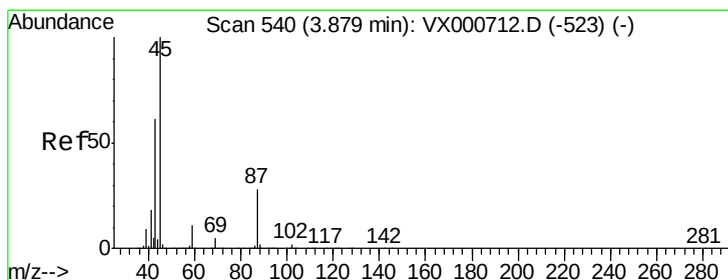
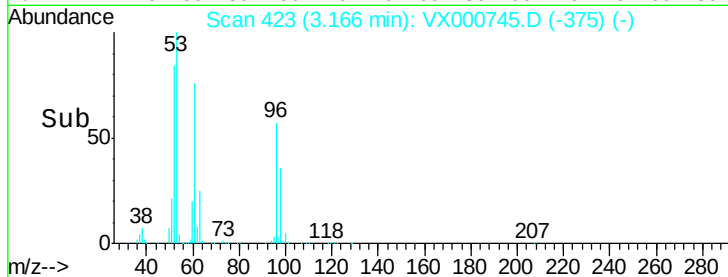
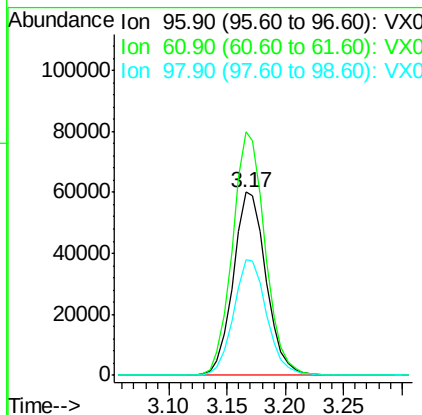
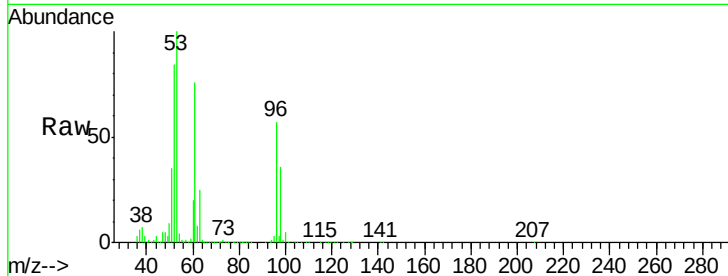
ClientSampled :

VSTDCCC050EC

Tot Ion:	96	Resp:	117824
Ion	Ratio	Lower	Upper
96	100		
61	133.2	109.8	164.6
98	62.9	51.5	77.3

Manual Integrations
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sam
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#22

Diisopropyl ether

Concen: 48.92 ug/l

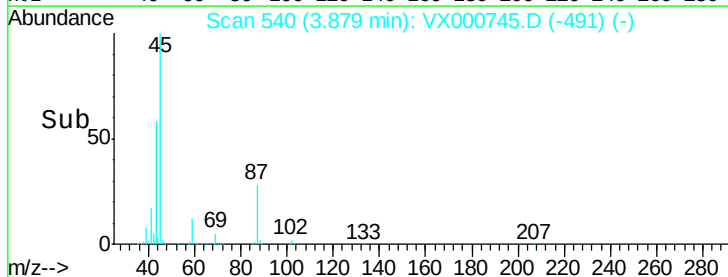
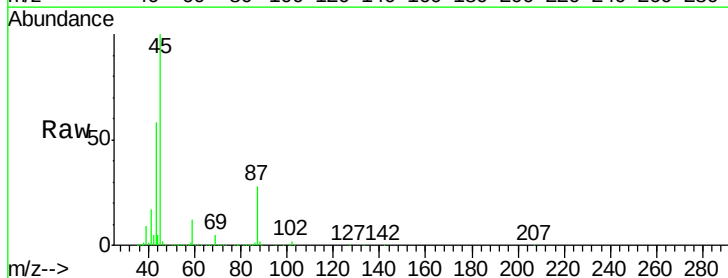
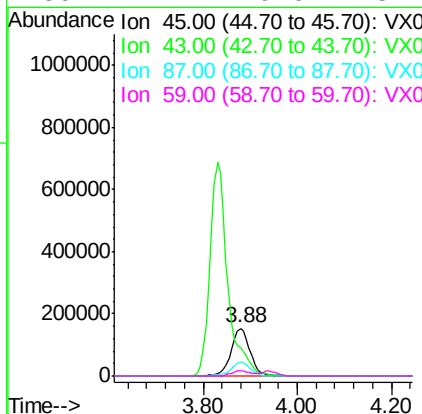
RT: 3.88 min Scan# 540

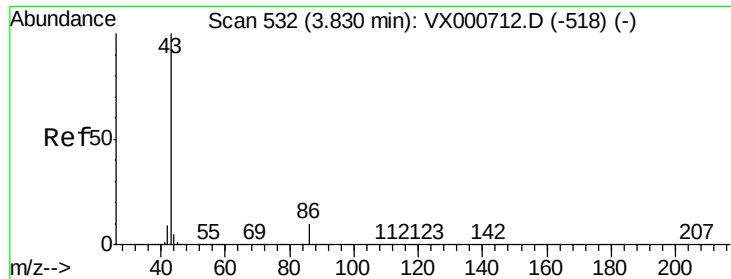
Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion:	45	Resp:	431146
Ion	Ratio	Lower	Upper
45	100		
43	57.8	49.2	73.8
87	28.4	22.7	34.1
59	11.7	9.0	13.4





#23

Vinyl Acetate

Concen: 241.59 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1803112

Ion Ratio Lower Upper

43 100

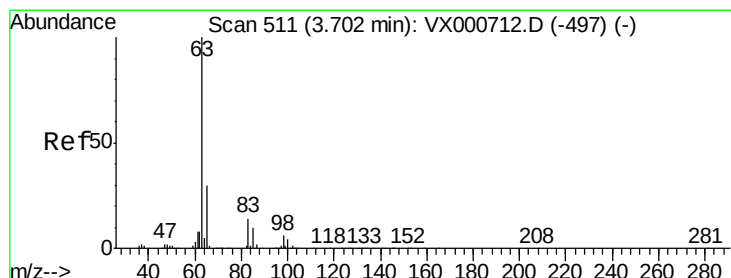
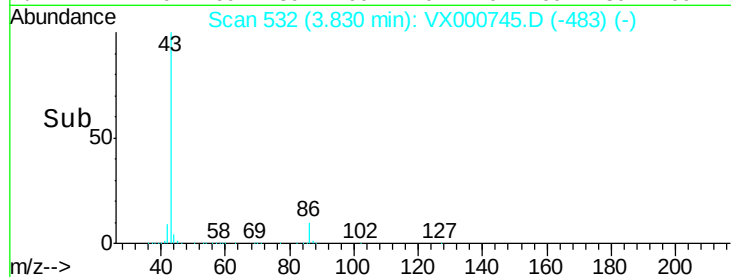
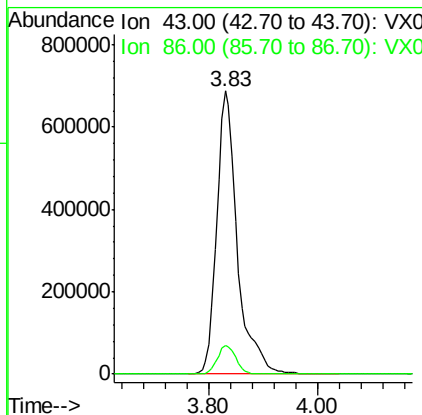
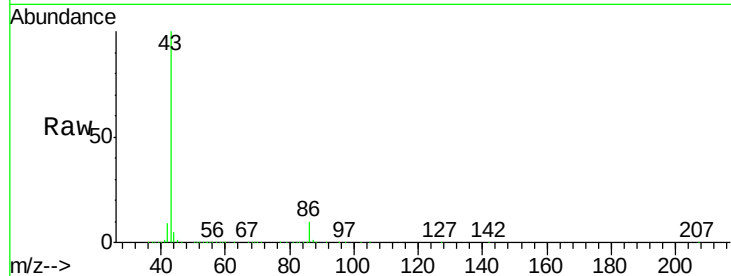
86 10.2 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.09 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

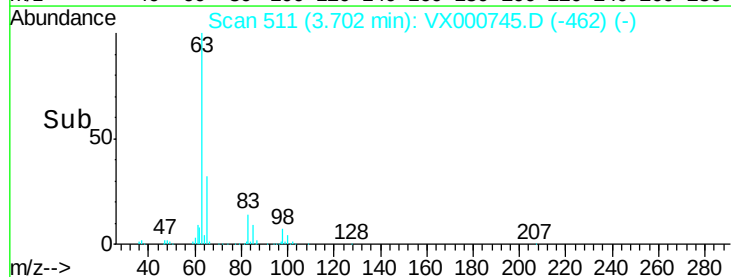
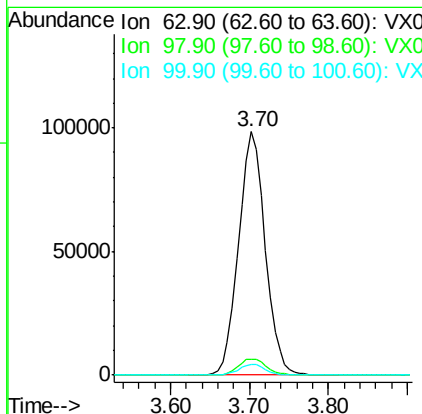
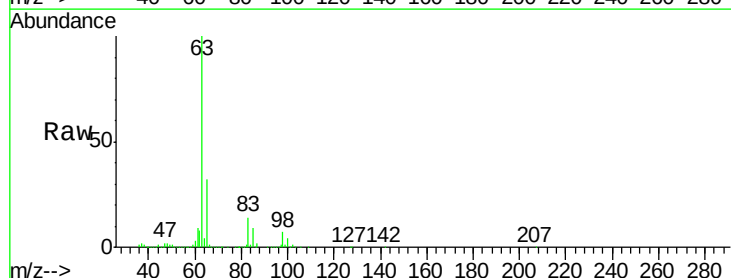
Tgt Ion: 63 Resp: 231087

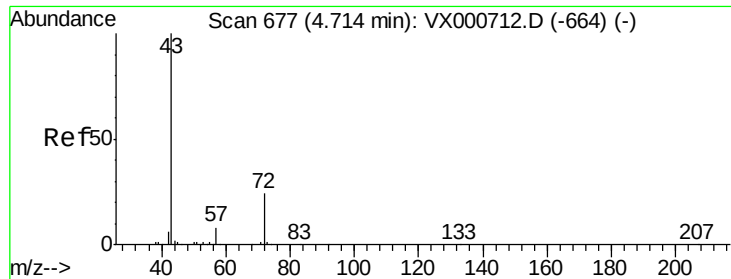
Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.8

100 4.3 2.1 6.3





#25

2-Butanone

Concen: 231.02 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 460267

Ion Ratio Lower Upper

43 100

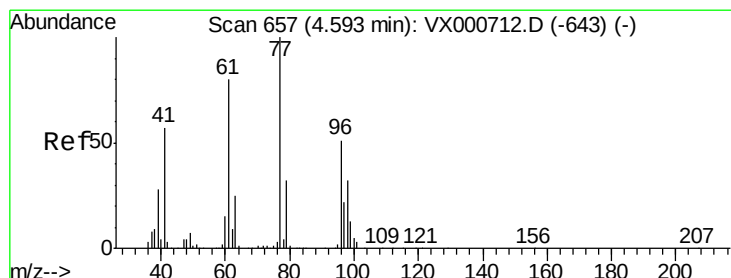
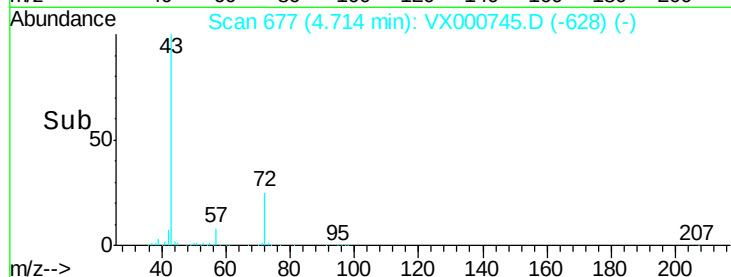
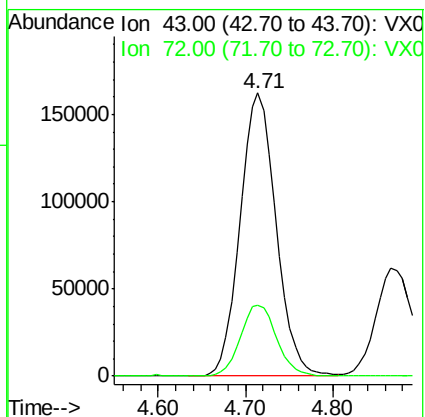
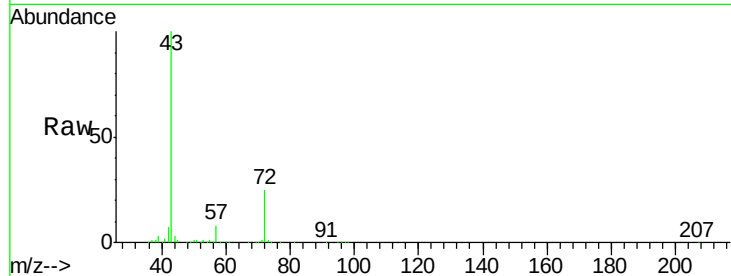
72 25.2 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 42.05 ug/l

RT: 4.59 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX000745.D

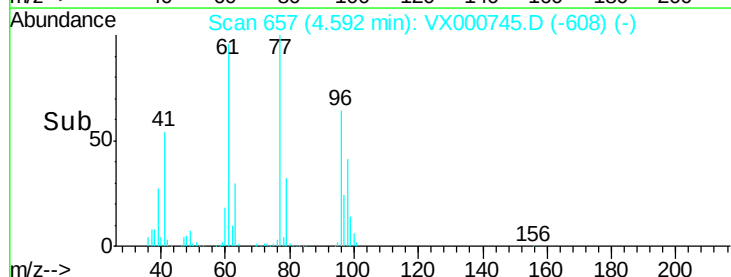
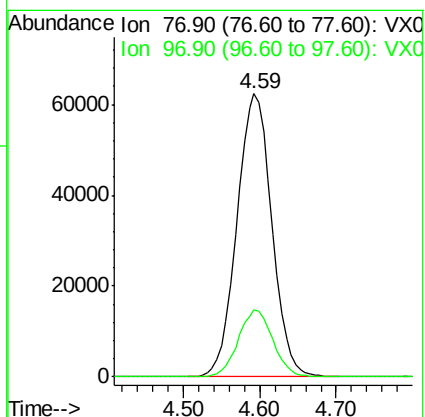
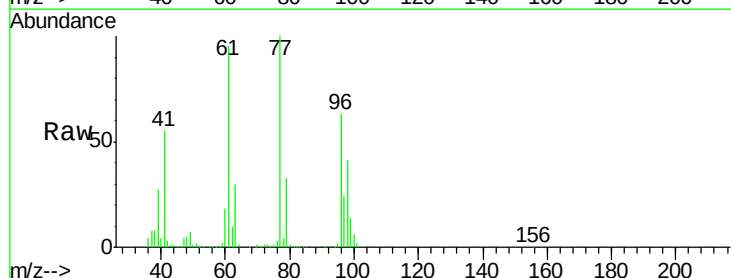
Acq: 08 Apr 2018 21:10

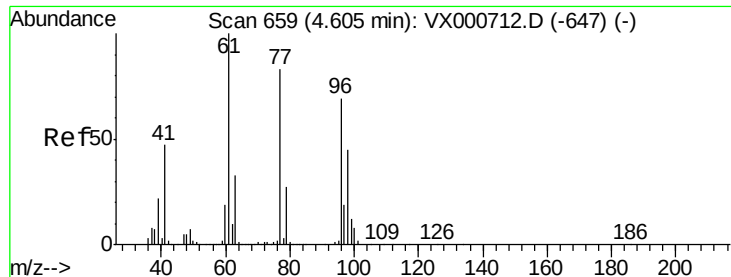
Tgt Ion: 77 Resp: 197433

Ion Ratio Lower Upper

77 100

97 23.7 11.3 33.9





#27

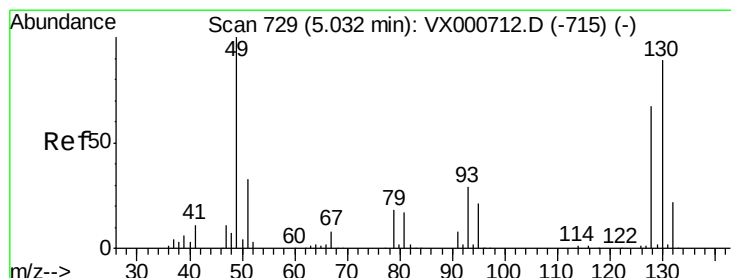
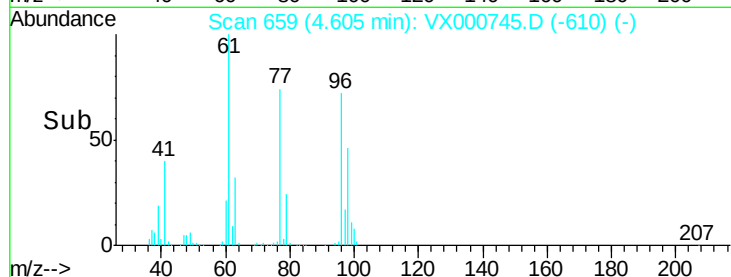
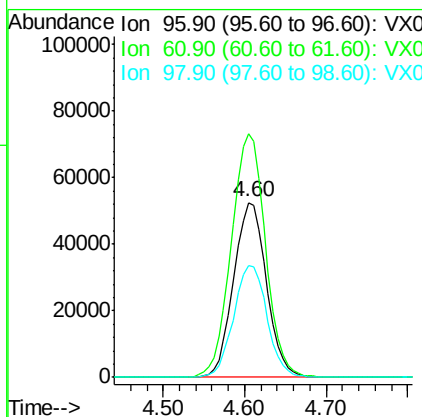
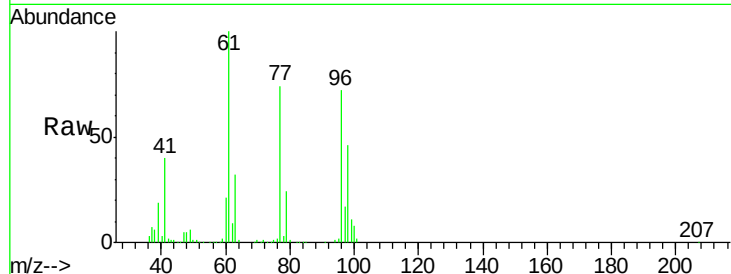
cis-1,2-Dichloroethene
Concen: 48.22 ug/l
RT: 4.60 min Scan# 659
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.3	0.0	301.0	
98	65.1	0.0	129.6	

Manual Integrations
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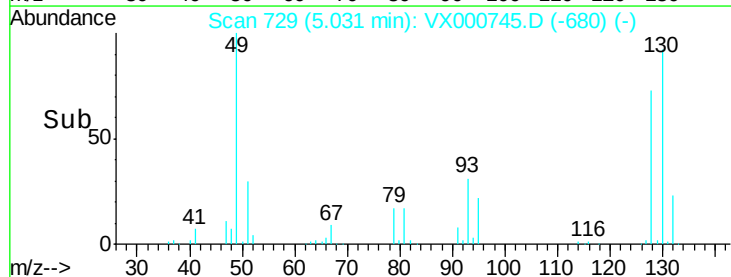
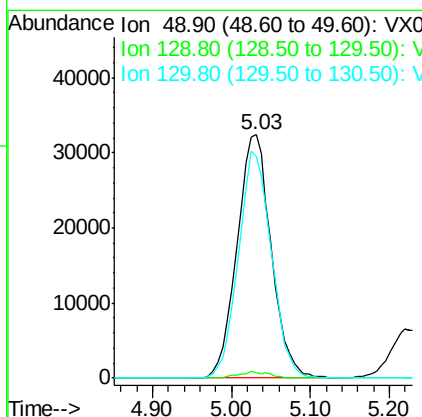
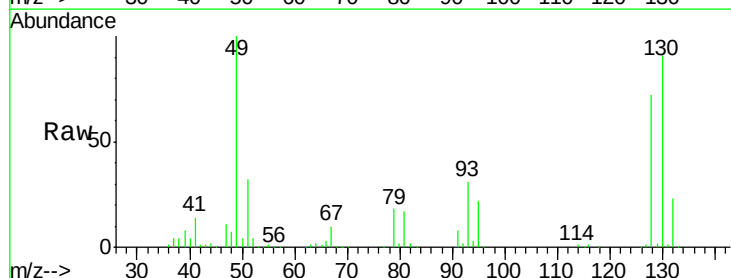
sam
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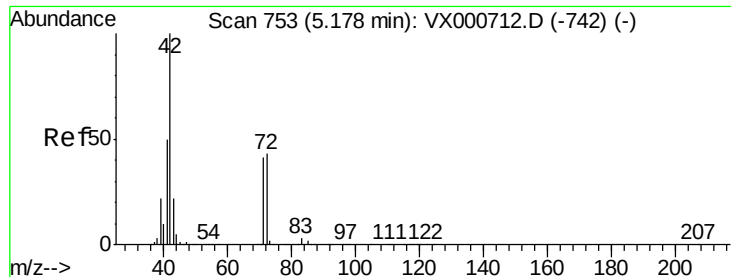


#28

Bromochloromethane
Concen: 53.76 ug/l
RT: 5.03 min Scan# 729
Delta R.T. 0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	5.4	
130	90.0	69.0	103.4	





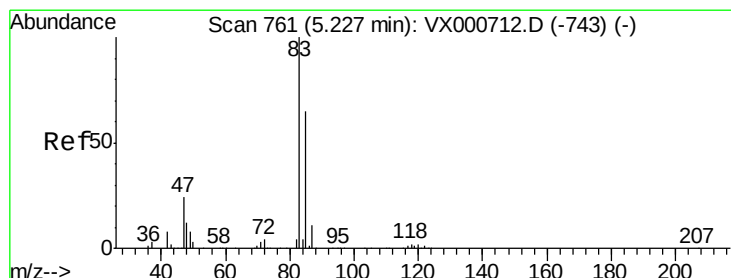
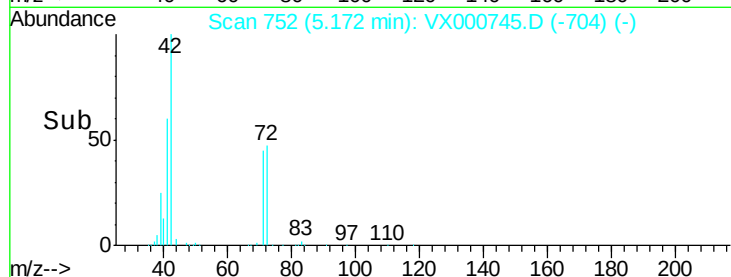
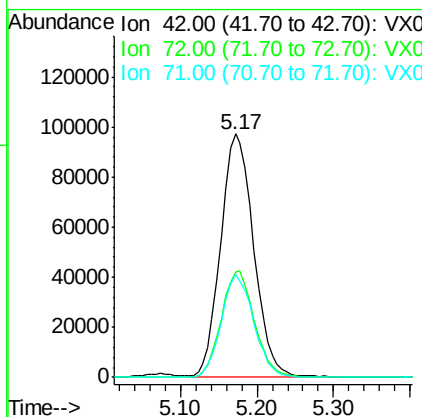
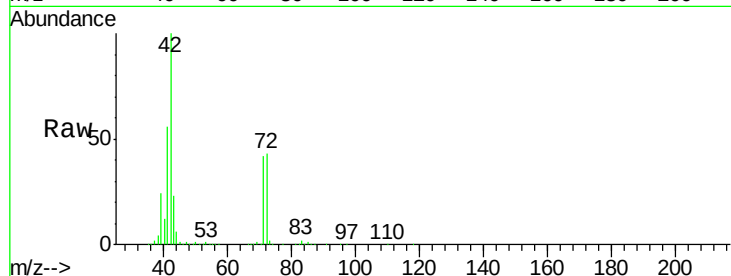
#29
Tetrahydrofuran
Concen: 228.24 ug/l
RT: 5.17 min Scan# 752
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.4	51.6
71	41.6	32.0	48.0

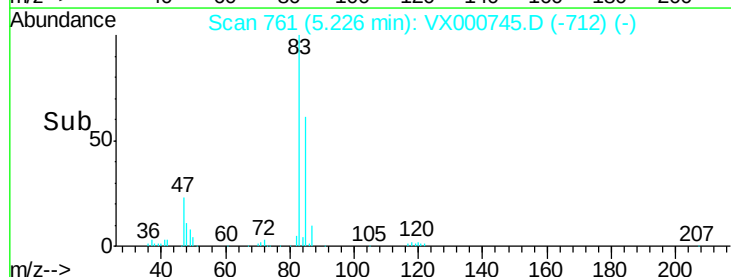
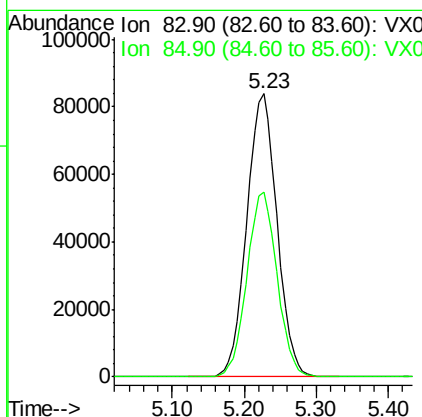
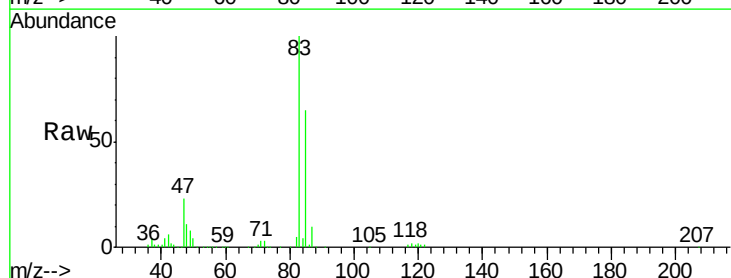
Manual Integrations
APPROVED

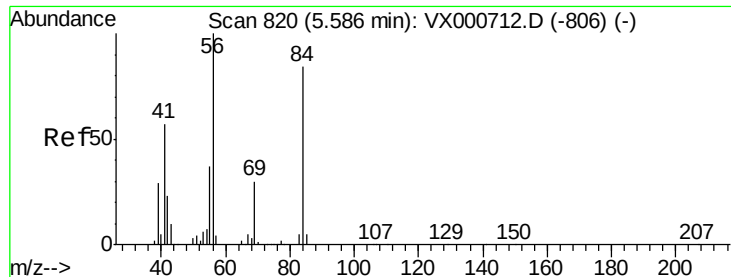
sam
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#30
Chloroform
Concen: 48.82 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.3	78.5





#31

Cyclohexane

Concen: 50.17 ug/l

RT: 5.59 min Scan# 820

Delta R.T. 0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

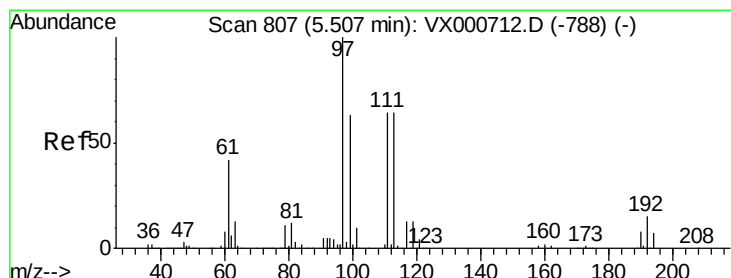
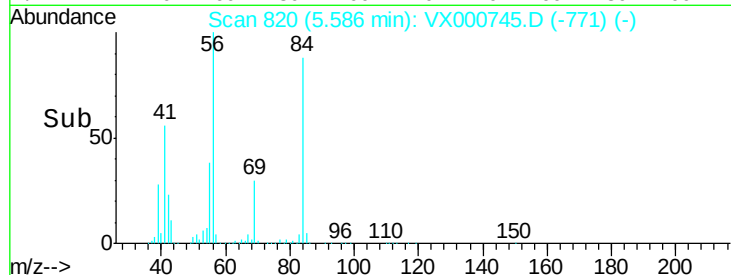
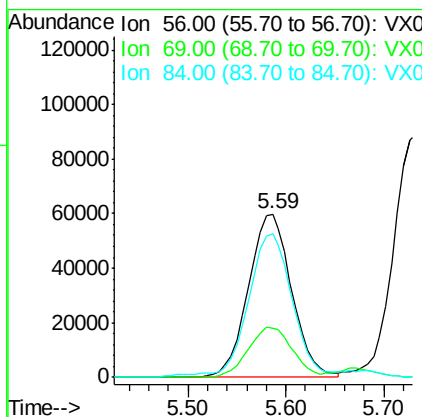
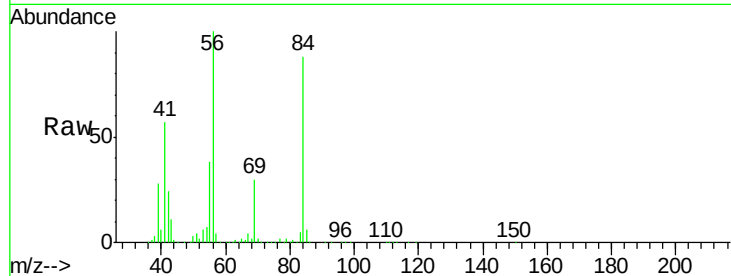
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	183404
Ion Ratio	Lower	Upper	
56	100		
69	29.6	23.8	35.6
84	86.1	67.4	101.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.24 ug/l

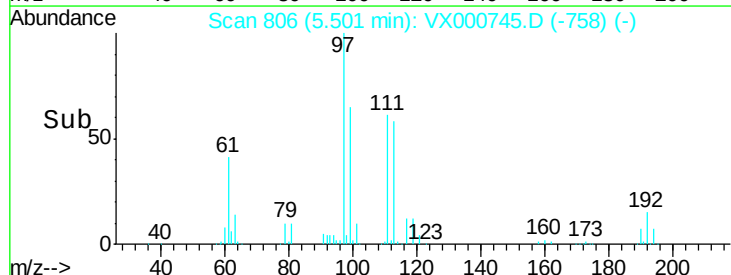
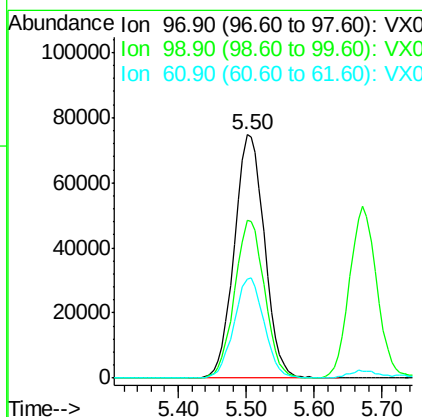
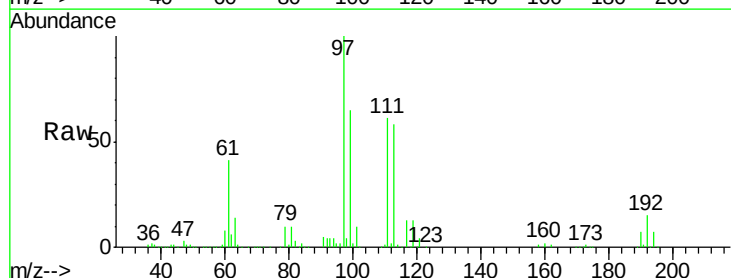
RT: 5.50 min Scan# 806

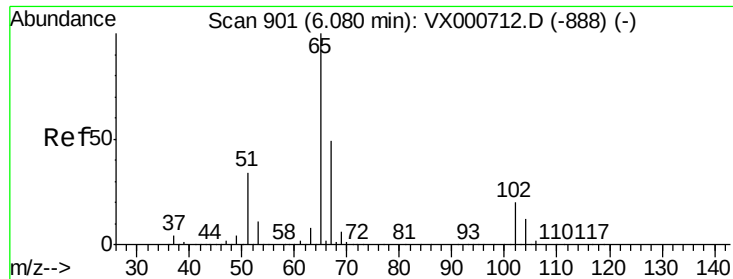
Delta R.T. -0.01 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion:	97	Resp:	230593
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.4	77.2
61	41.2	34.2	51.4





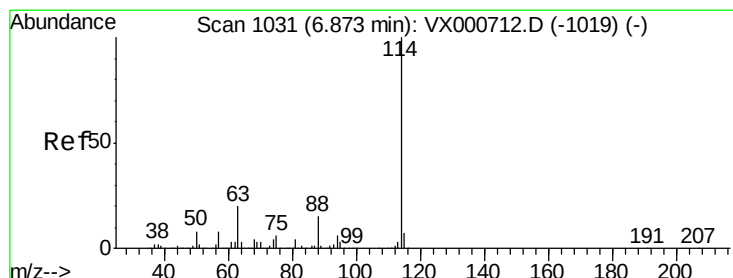
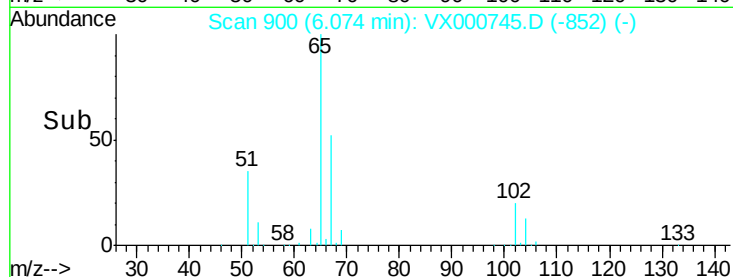
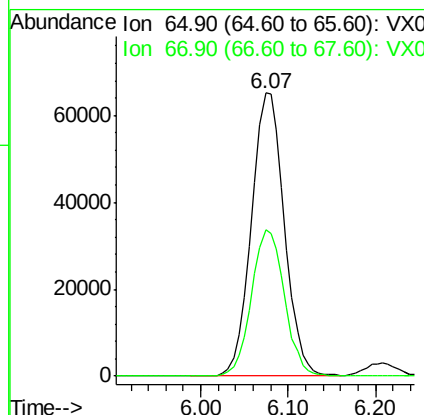
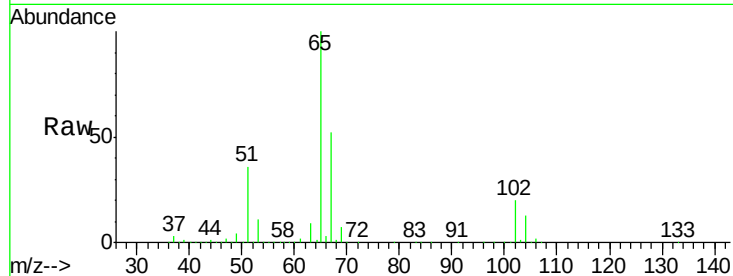
#33
 1,2-Dichloroethane-d4
 Concen: 46.82 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	169986		
67	51.8	0.0	102.6	

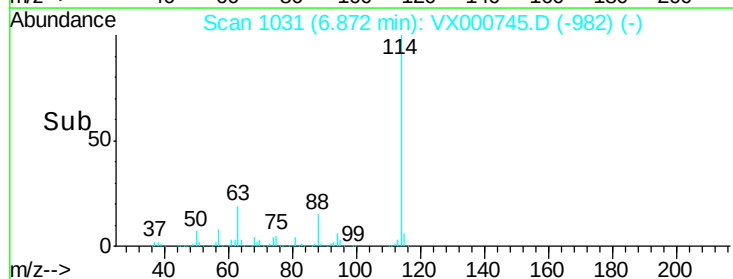
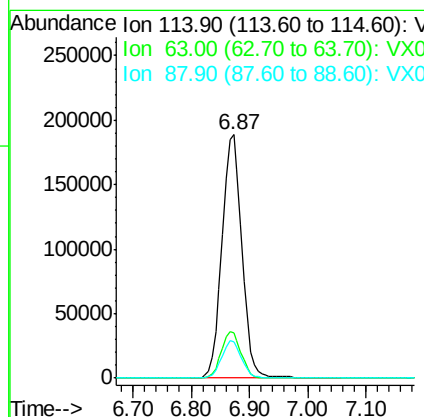
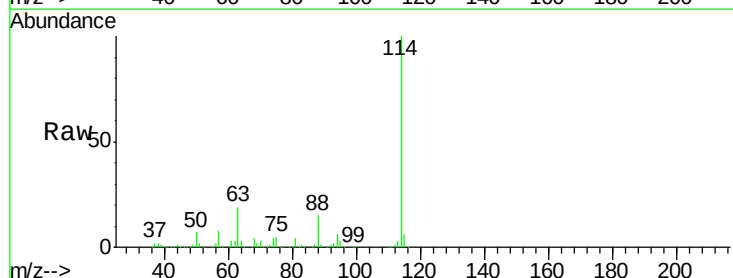
Manual Integrations
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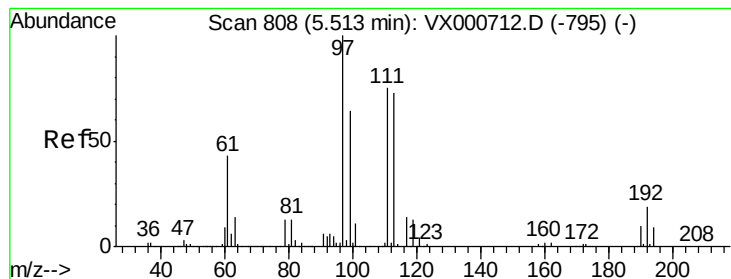
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	447330		
63	18.8	0.0	39.6	
88	15.0	0.0	30.6	





#35

Dibromofluoromethane

Concen: 50.57 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

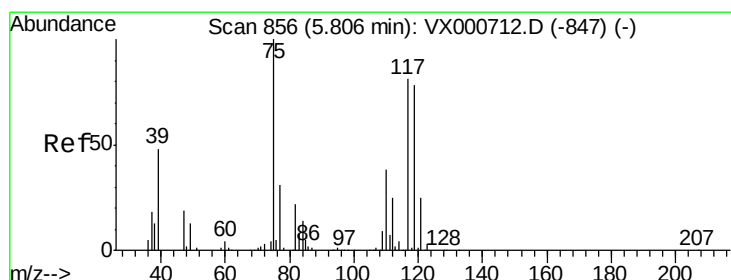
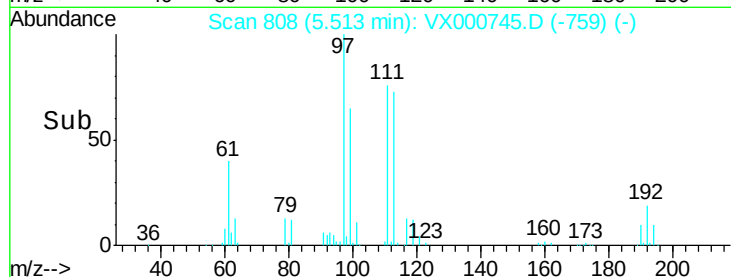
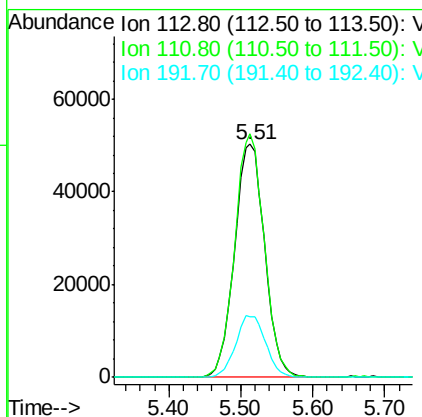
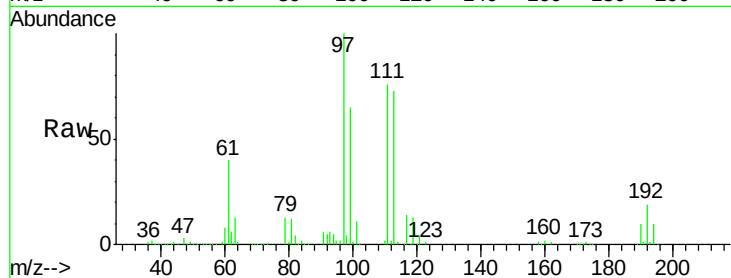
ClientSampled :

VSTDCCC050EC

Tot Ion:	113	Resp:	146203
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.5	122.3
192	26.2	20.0	30.0

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 45.49 ug/l

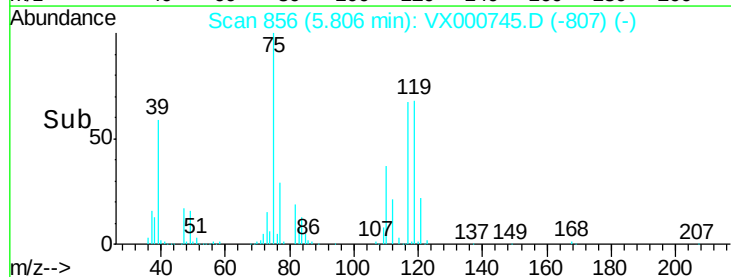
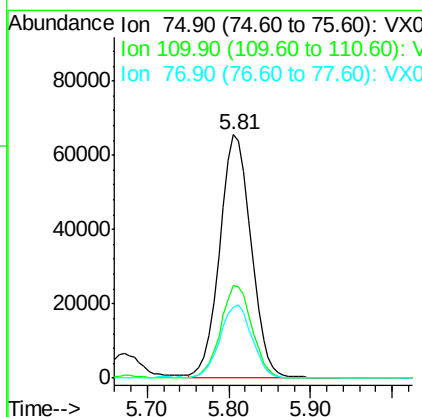
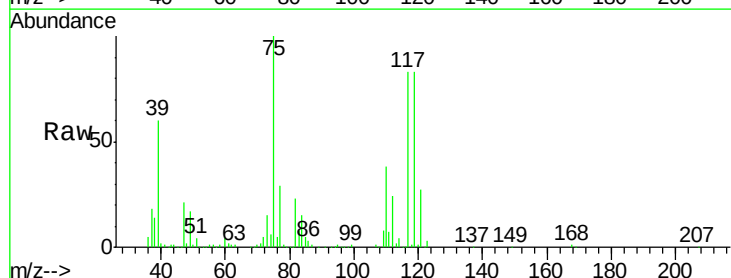
RT: 5.81 min Scan# 856

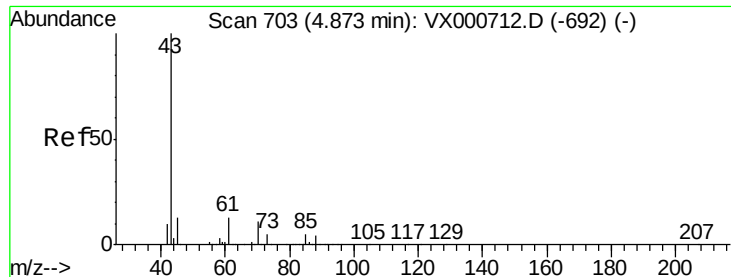
Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion:	75	Resp:	174289
Ion Ratio	Lower	Upper	
75	100		
110	38.3	18.6	56.0
77	30.6	24.6	37.0





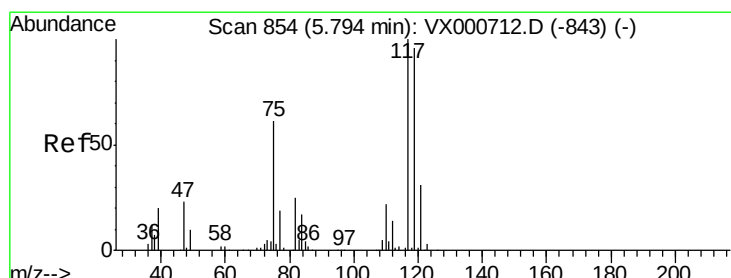
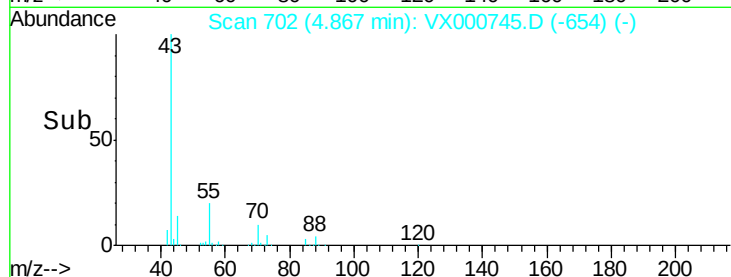
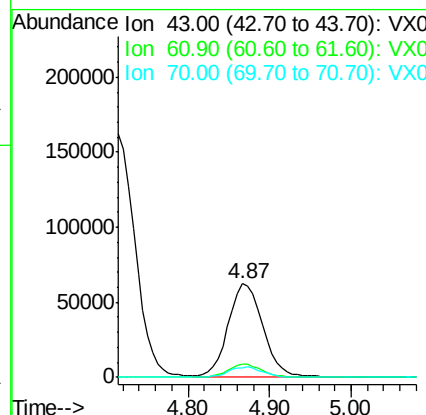
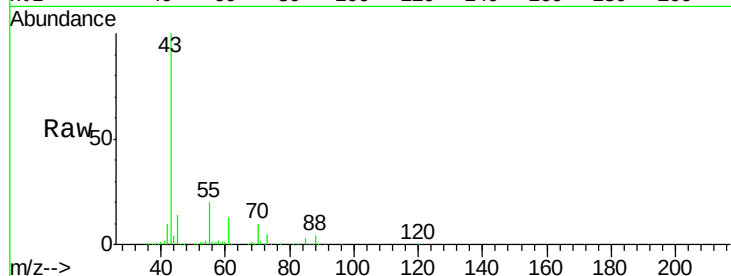
#37
Ethyl Acetate
Concen: 44.08 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.5	15.7
70	11.1	8.4	12.6

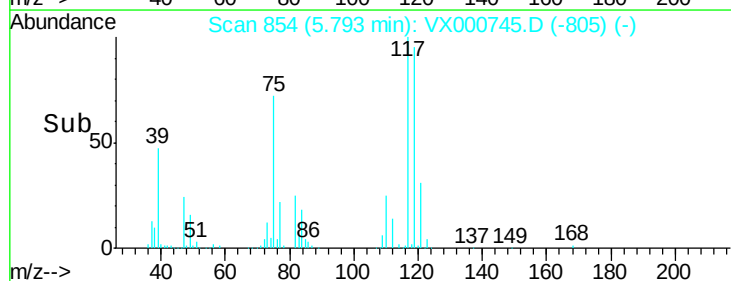
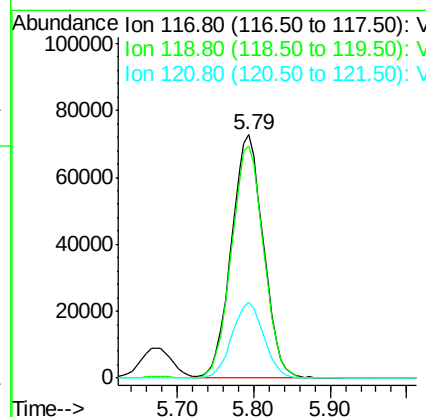
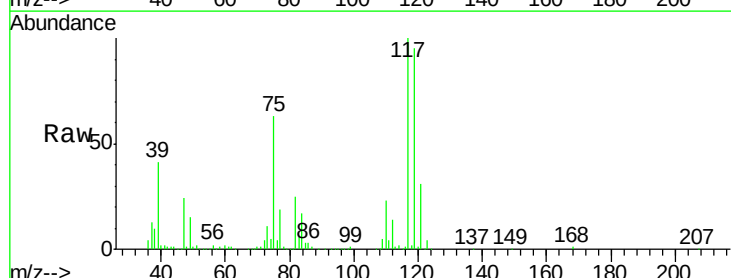
Manual Integrations
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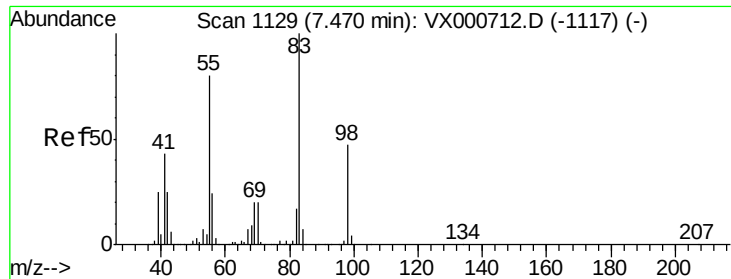
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#38
Carbon Tetrachloride
Concen: 46.80 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.7	115.1
121	31.1	24.7	37.1





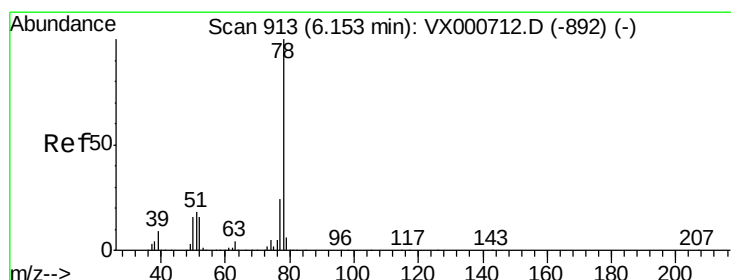
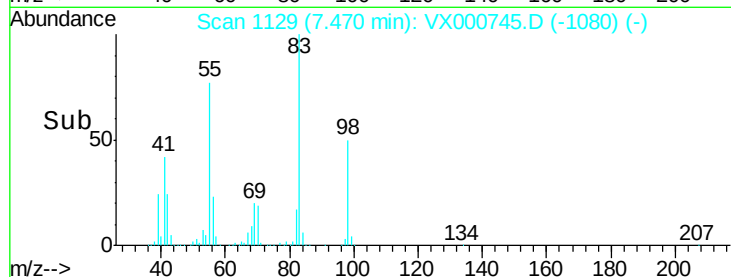
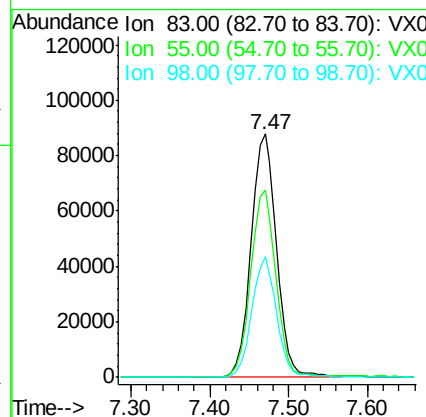
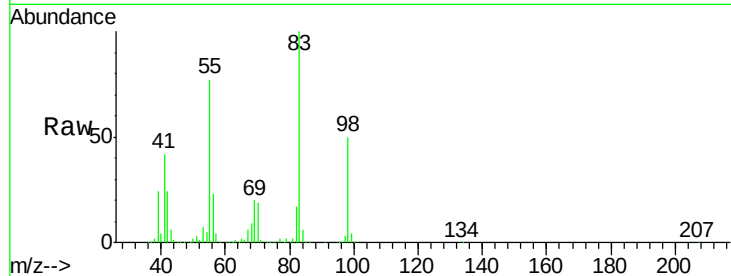
#39
Methylvlcyclohexane
Concen: 48.43 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	196563		
55	76.6		63.7	95.5
98	49.7		37.2	55.8

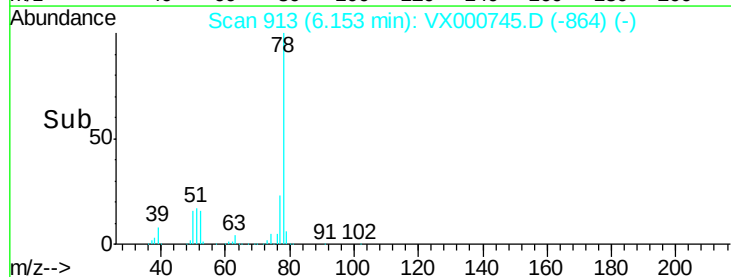
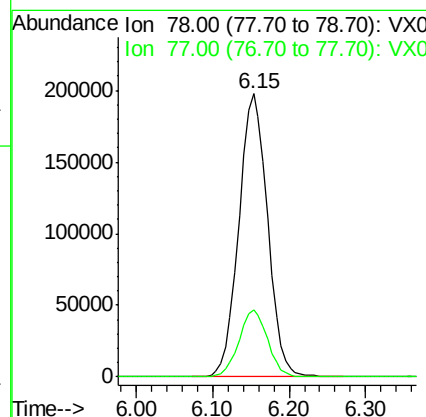
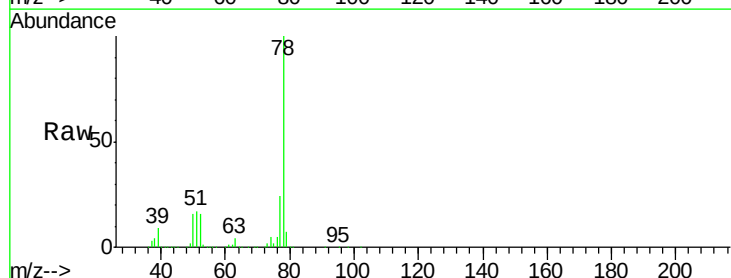
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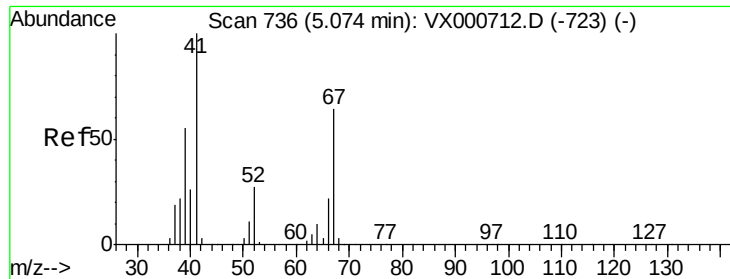
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#40
Benzene
Concen: 47.75 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	514607		
77	23.6		19.0	28.4





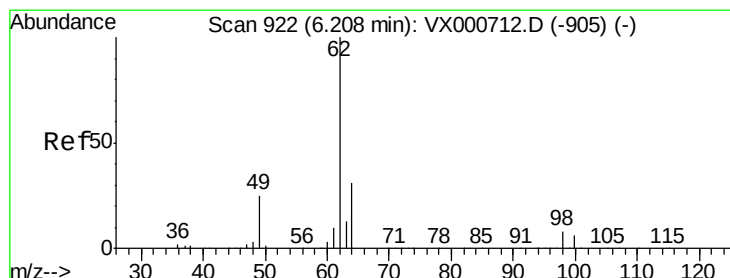
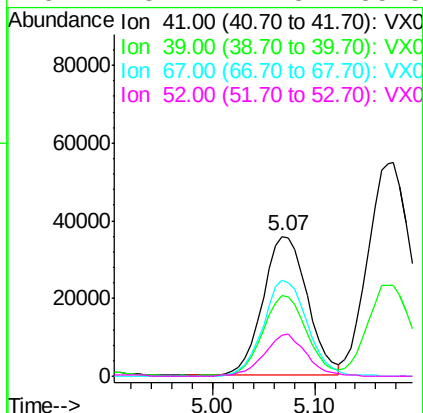
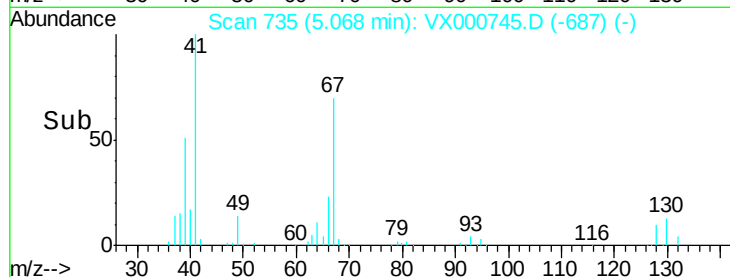
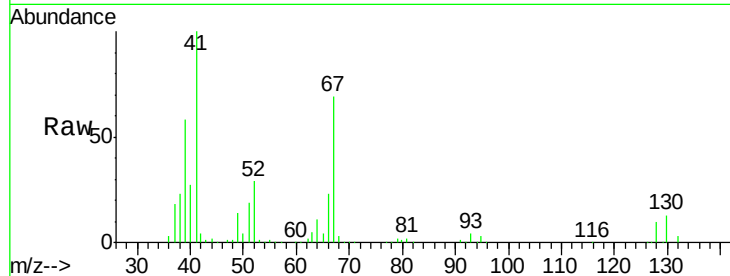
#41
Methacrylonitrile
Concen: 45.33 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.6	45.3	67.9	
67	68.4	52.7	79.1	
52	28.2	22.3	33.5	

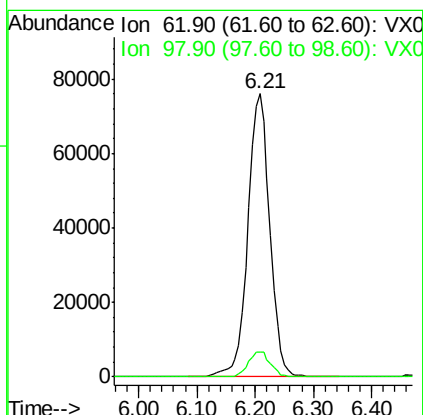
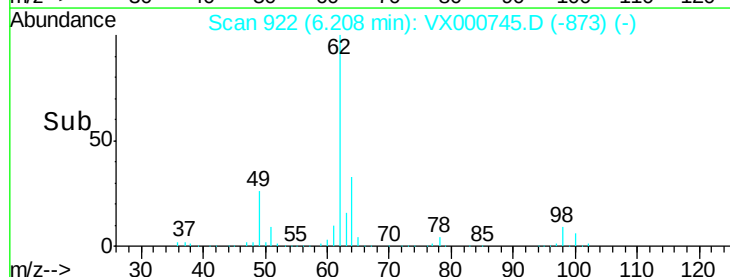
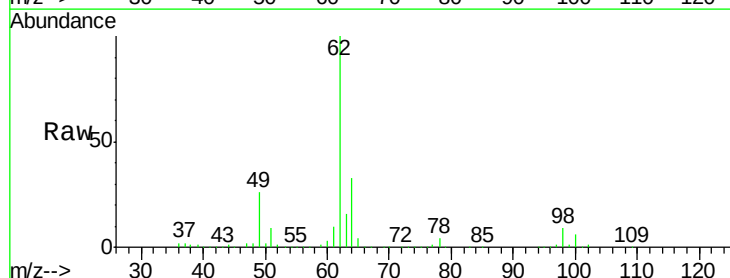
Manual Integrations
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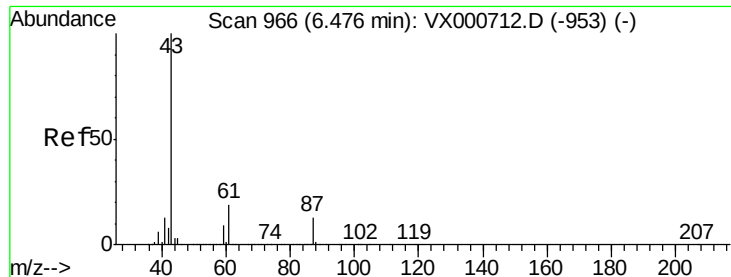
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#42
1,2-Dichloroethane
Concen: 46.46 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.1	0.0	17.2	





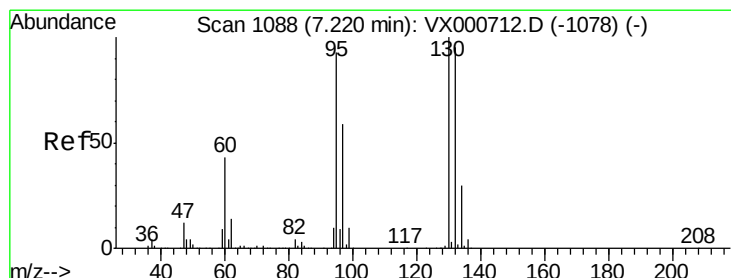
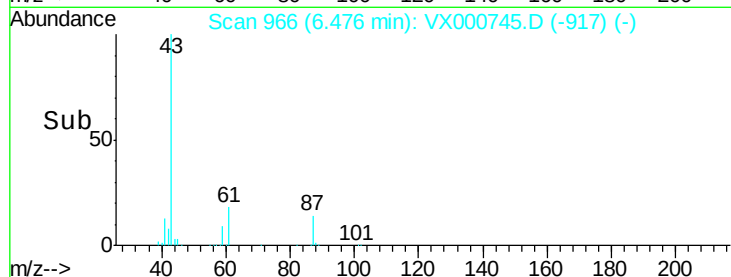
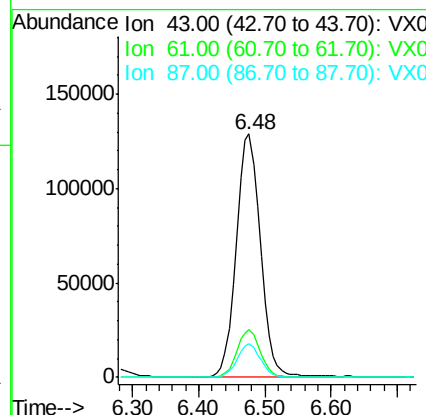
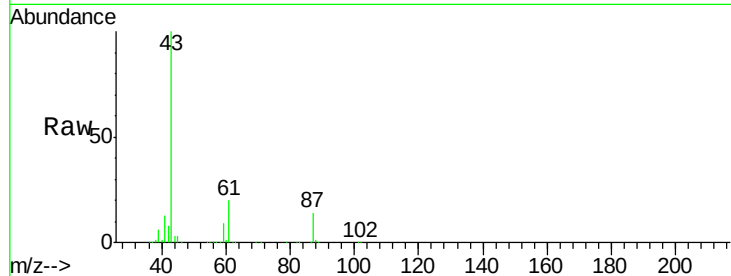
#43
Isopropyl Acetate
Concen: 45.06 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.4	23.0
87	13.4	10.4	15.6

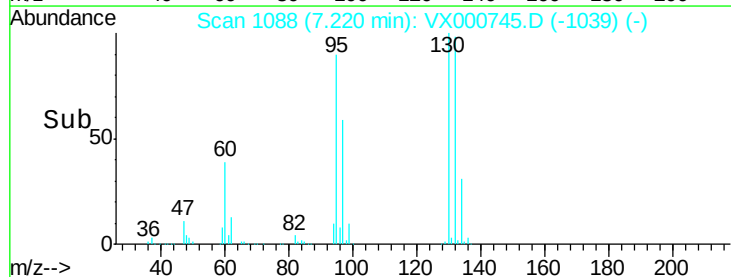
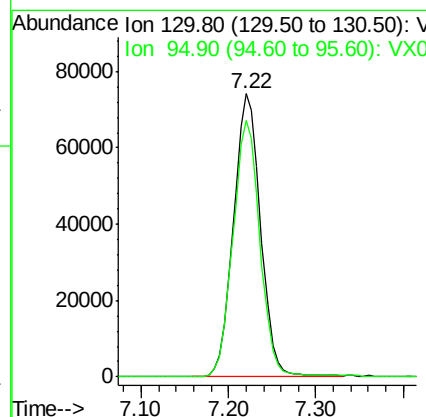
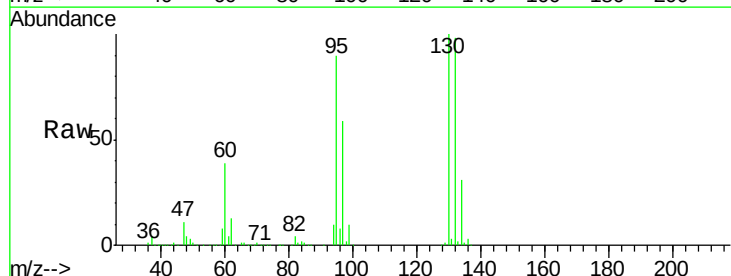
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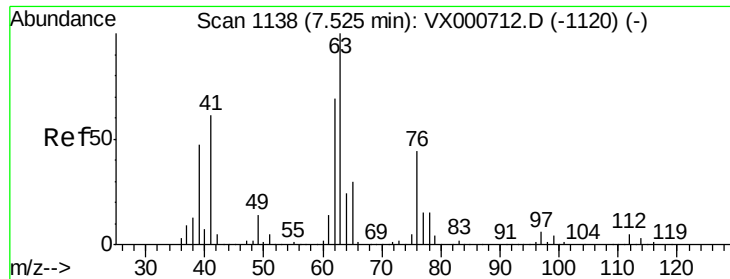
sam
4/9/2018 2:03:36 PM



#44
Trichloroethene
Concen: 48.89 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	185.4





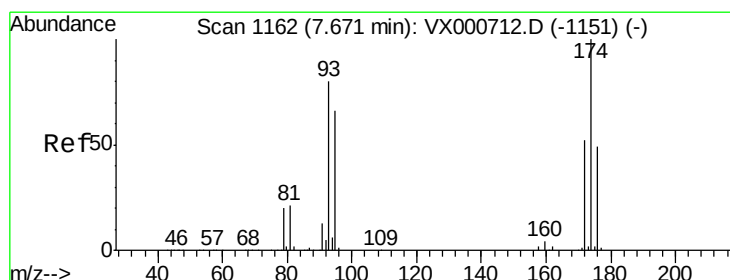
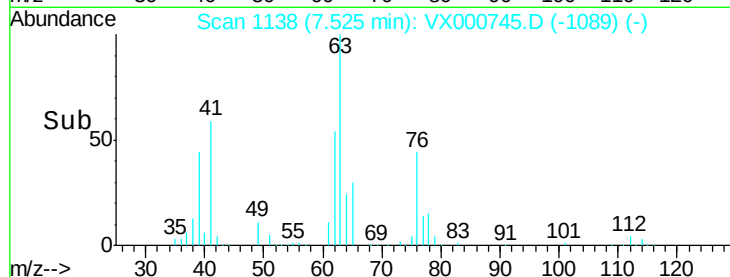
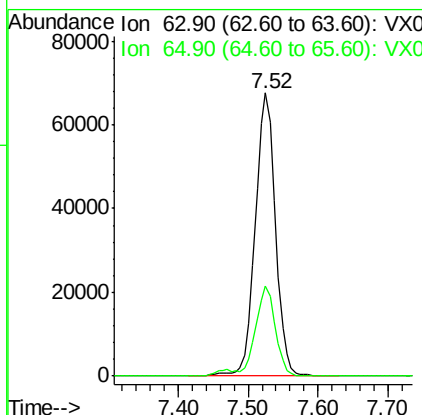
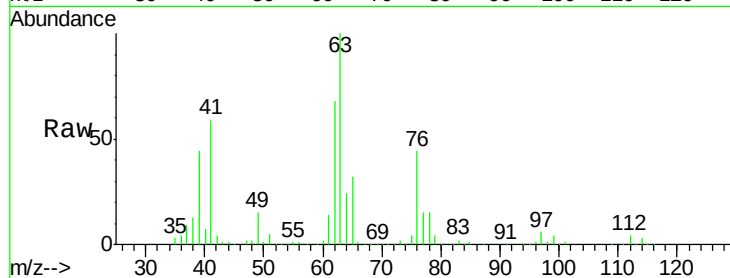
#45
 1,2-Dichloropropane
 Concen: 47.09 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.2	36.2

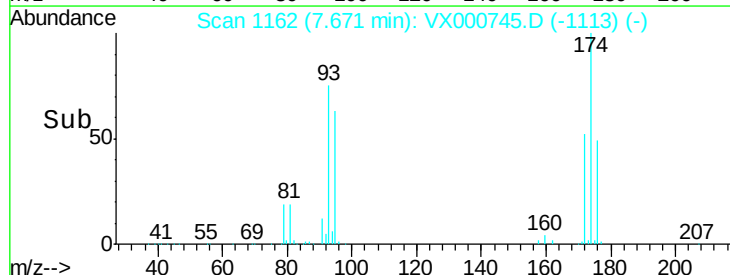
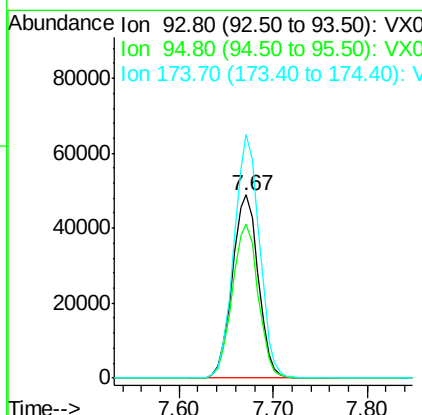
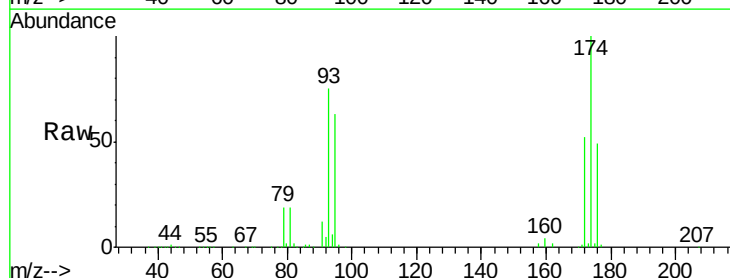
Manual Integrations
 APPROVED

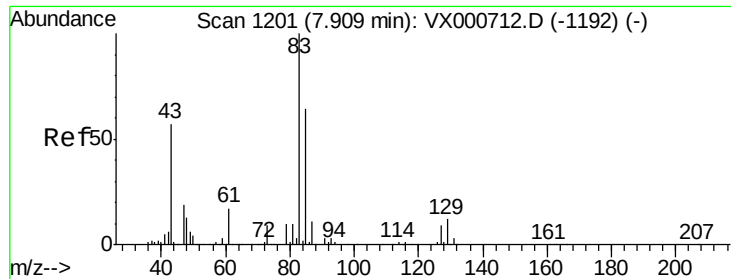
sam
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#46
 Dibromomethane
 Concen: 46.82 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.0	99.0
174	129.5	100.2	150.2





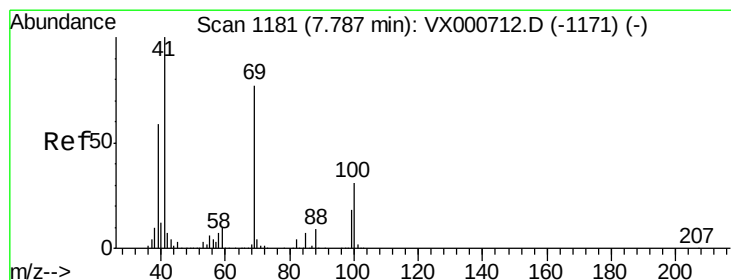
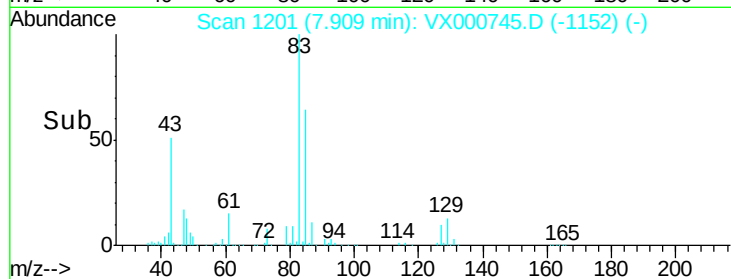
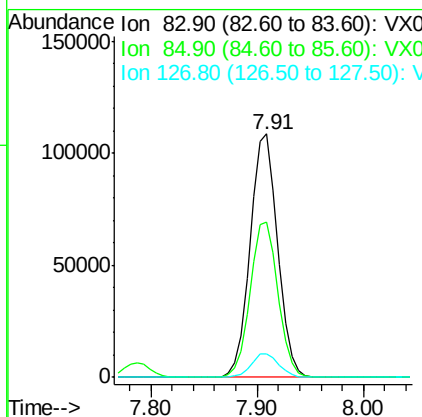
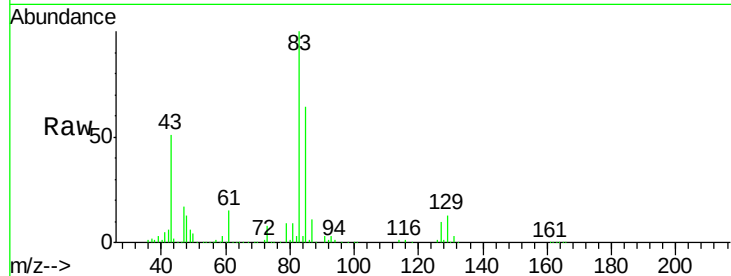
#47
 Bromodichloromethane
 Concen: 47.58 ug/l
 RT: 7.91 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	83	Resp	197438
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.0	76.4
127	9.7	7.4	11.2

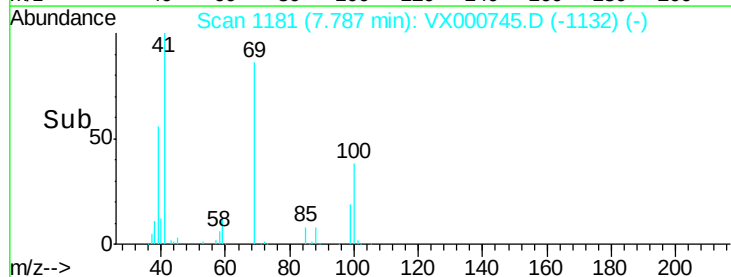
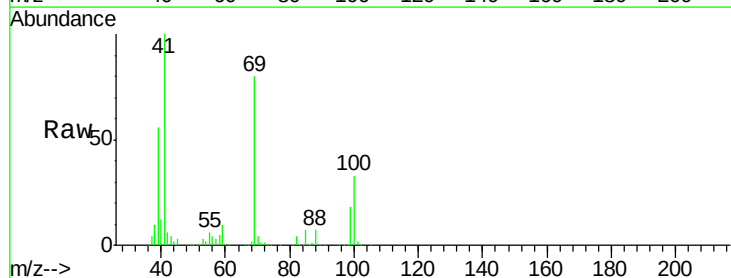
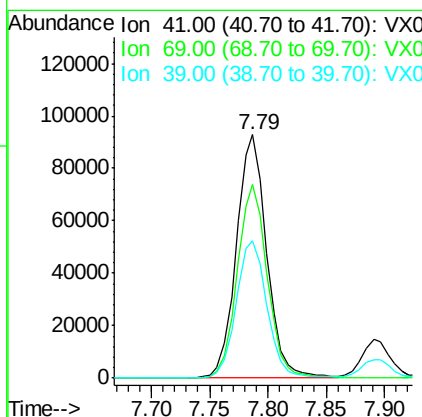
Manual Integrations
 APPROVED

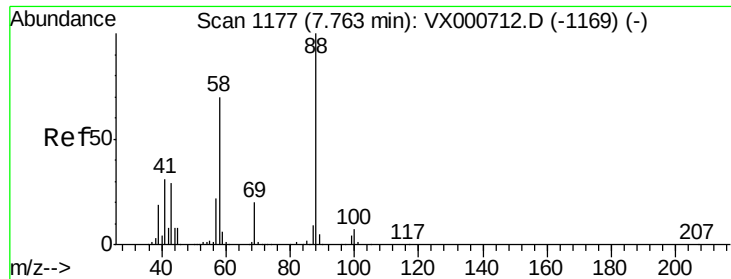
sam
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#48
 Methyl methacrylate
 Concen: 46.25 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion	41	Resp	167578
Ion Ratio	Lower	Upper	
41	100		
69	79.5	62.0	93.0
39	57.2	47.0	70.4





#49

1,4-Dioxane

Concen: 846.02 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

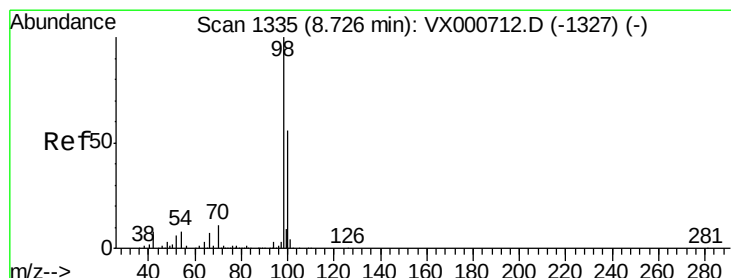
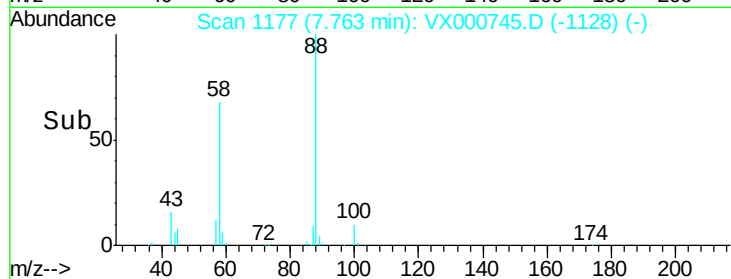
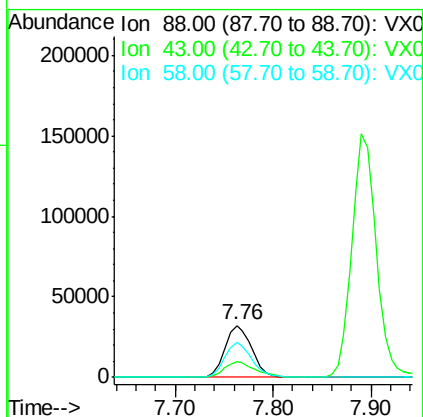
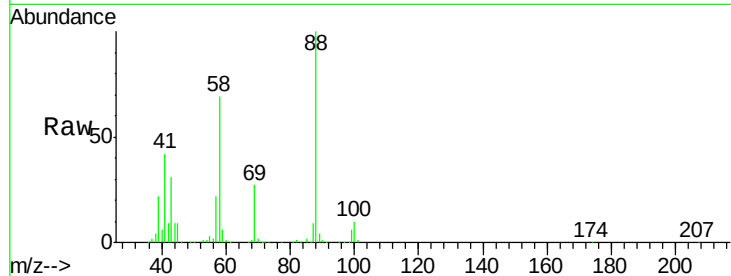
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	60839
Ion	Ratio	Lower	Upper
88	100		
43	33.8	27.9	41.9
58	69.7	57.0	85.4

Manual Integrations
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#50

Toluene-d8

Concen: 48.87 ug/l

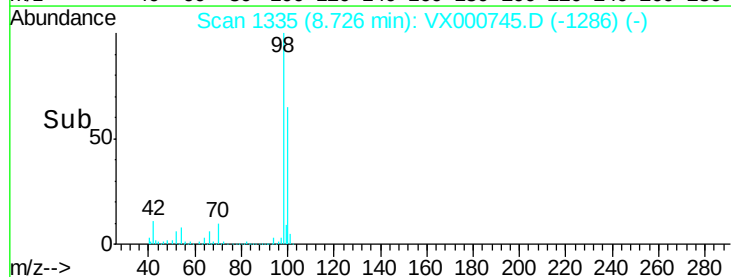
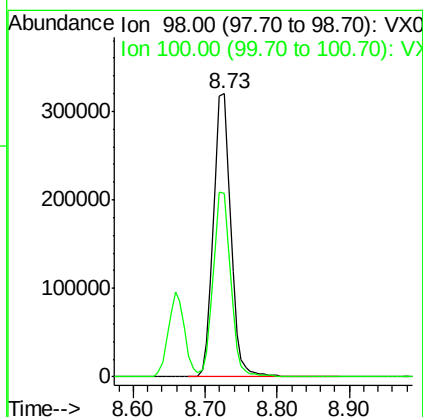
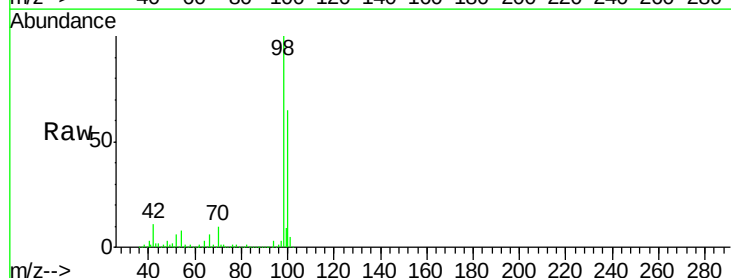
RT: 8.73 min Scan# 1335

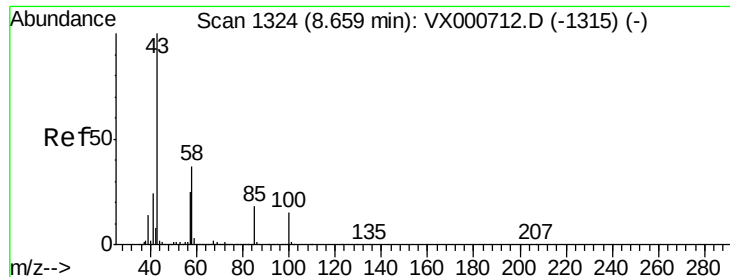
Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion:	98	Resp:	535457
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 230.53 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 961880

Ion Ratio Lower Upper

43 100

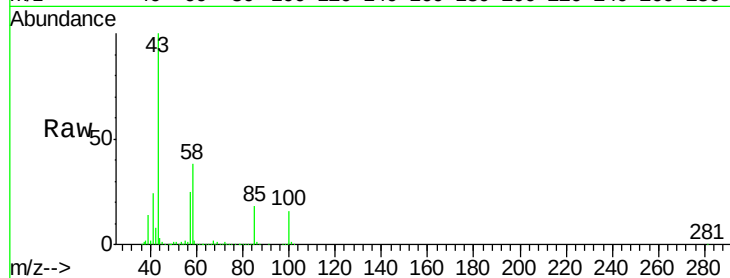
58 37.8 30.6 46.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

600000

400000

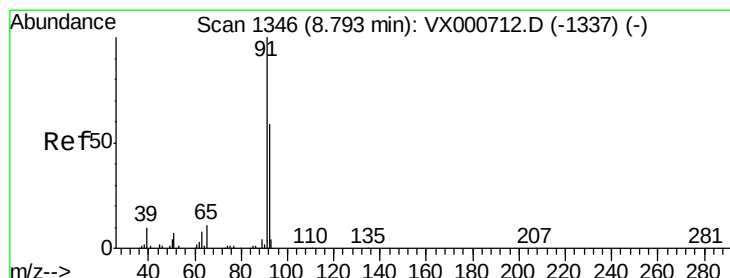
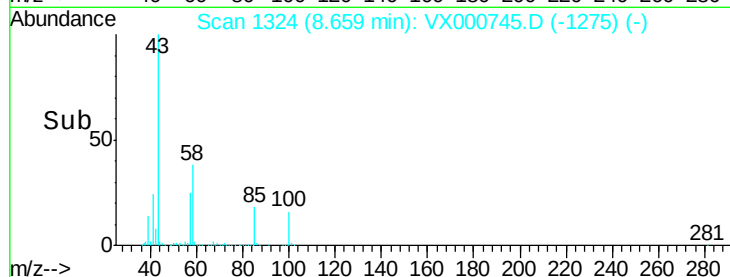
200000

0

8.66

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 47.60 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VX000745.D

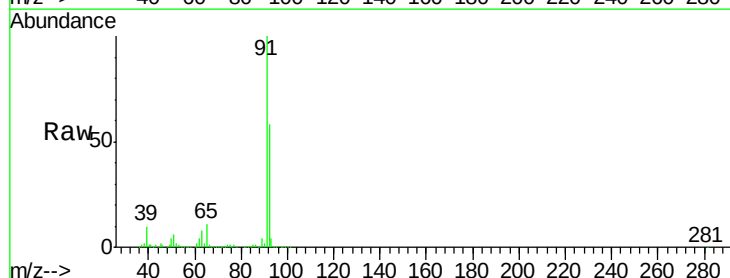
Acq: 08 Apr 2018 21:10

Tgt Ion: 92 Resp: 342004

Ion Ratio Lower Upper

92 100

91 172.3 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

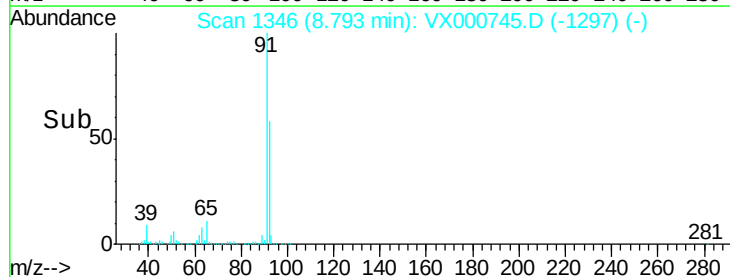
100000

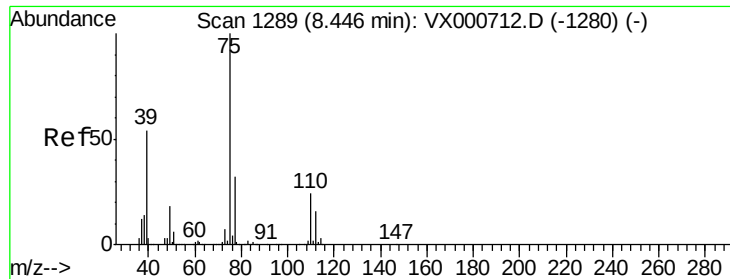
0

8.79

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.73 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 230752

Ion Ratio Lower Upper

75 100

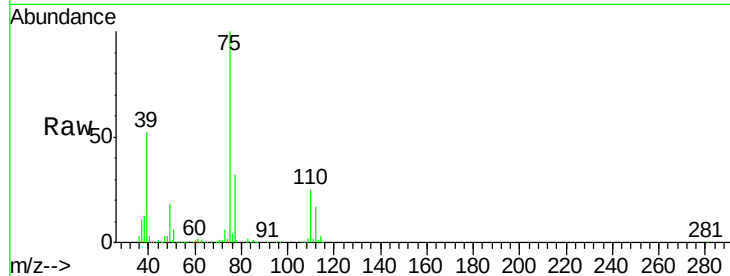
77 31.5 25.4 38.0

Manual Integrations

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.45

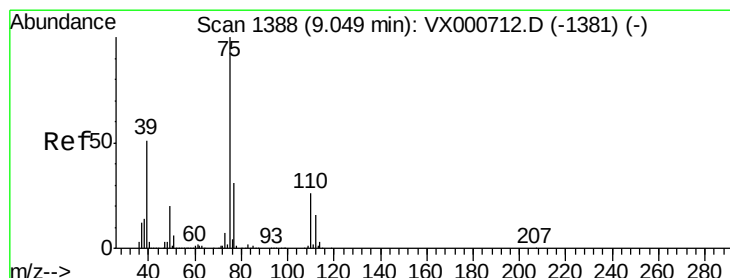
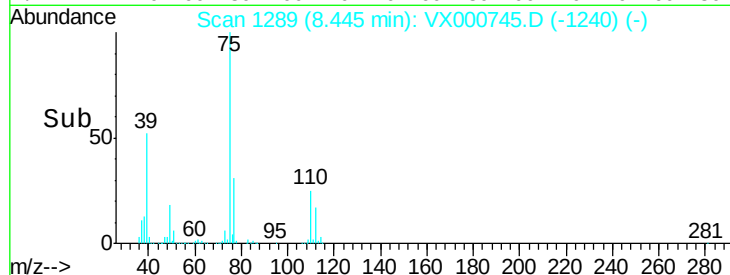
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 46.06 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

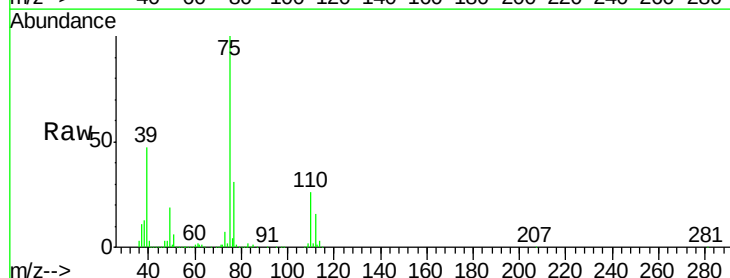
Tgt Ion: 75 Resp: 225868

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8

39 47.2 40.5 60.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.05

200000

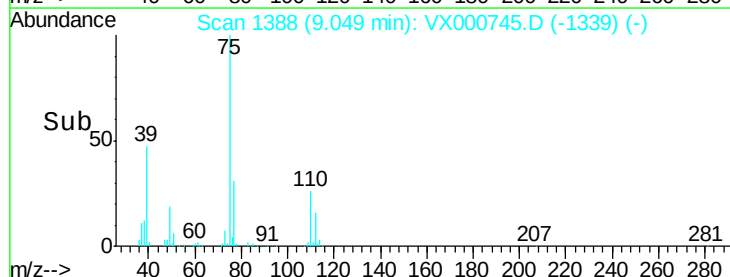
150000

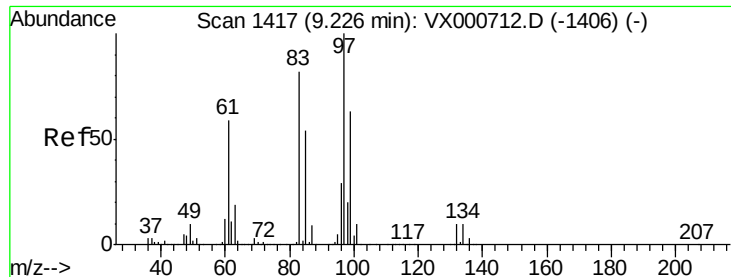
100000

50000

0

Time-->





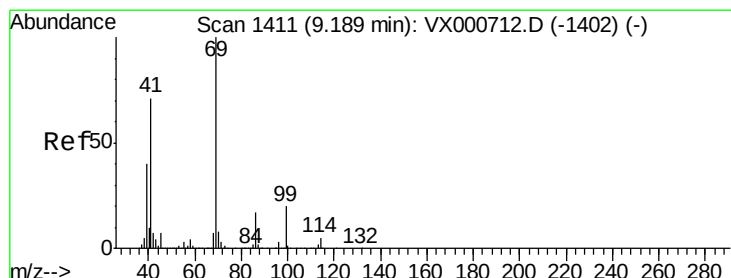
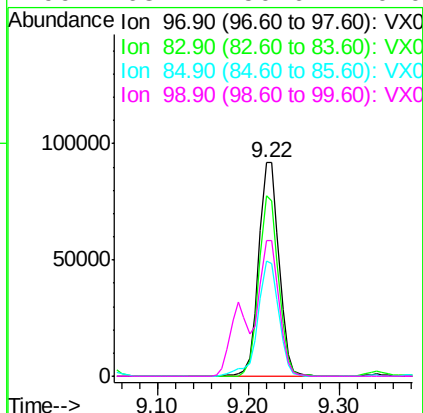
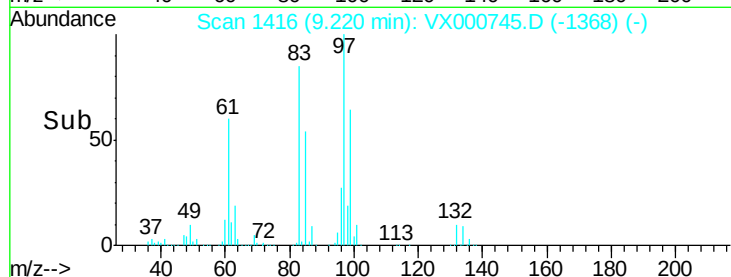
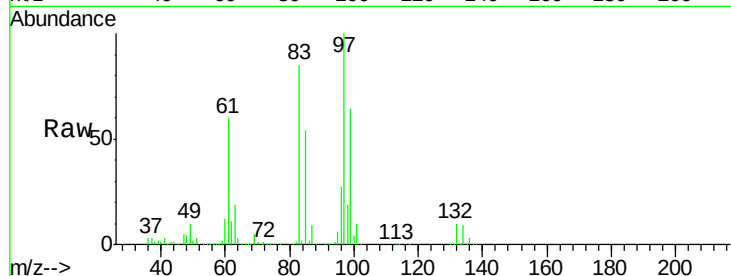
#55
 1,1,2-Trichloroethane
 Concen: 48.92 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.01 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	142976
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.7	98.5
85	54.2	42.8	64.2
99	63.7	50.6	76.0

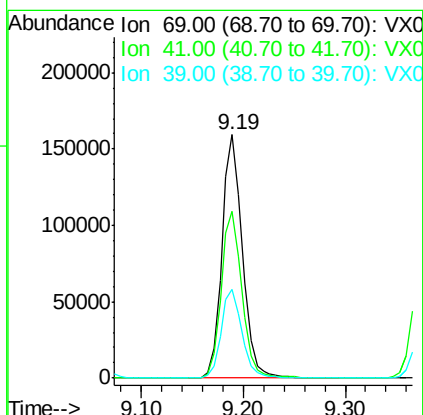
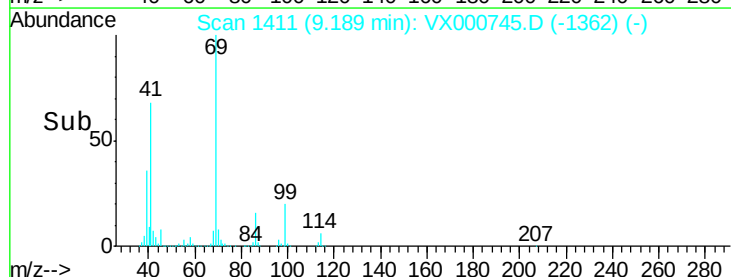
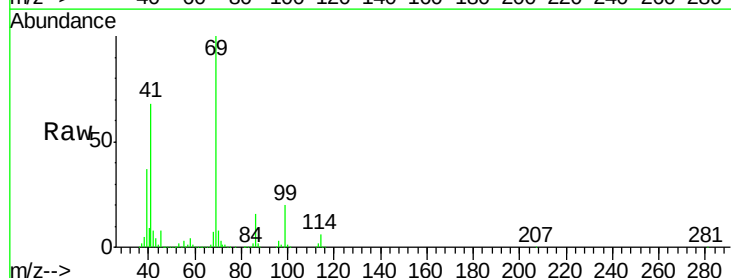
Manual Integrations
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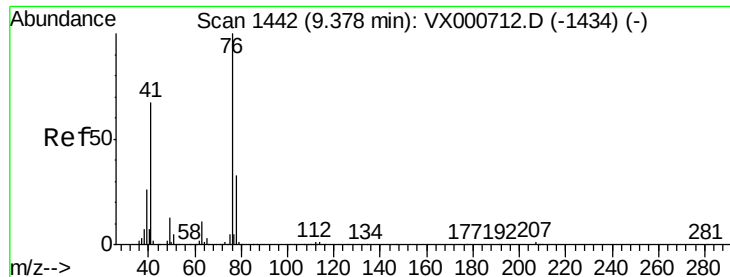
sam
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#56
 Ethyl methacrylate
 Concen: 47.59 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion:	69	Resp:	221779
Ion	Ratio	Lower	Upper
69	100		
41	69.3	56.4	84.6
39	37.1	31.4	47.2





#57

1,3-Dichloropropane

Concen: 47.66 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 227837

Ion Ratio Lower Upper

76 100

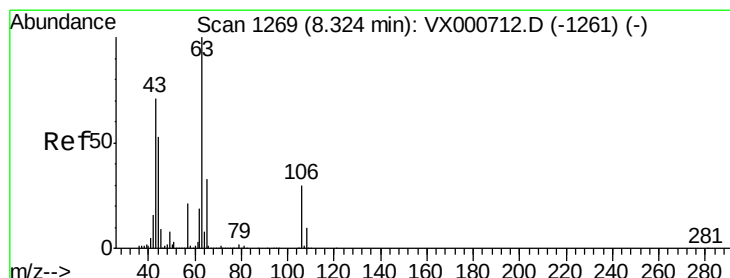
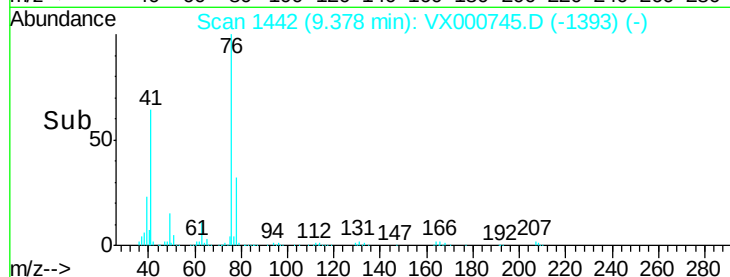
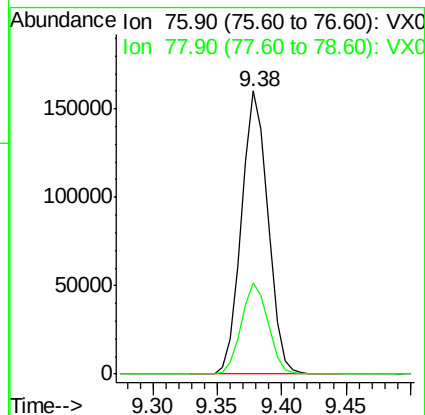
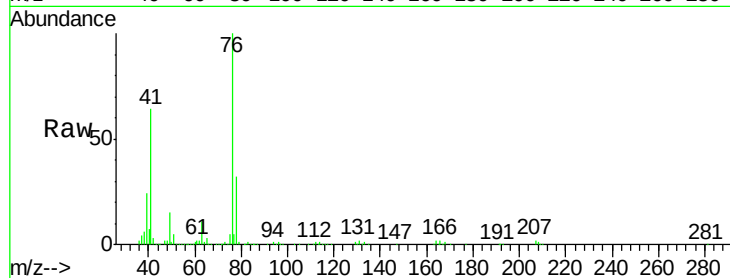
78 32.6 26.2 39.2

Manual Integrations

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sam

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#58

2-Chloroethyl Vinyl ether

Concen: 246.57 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX000745.D

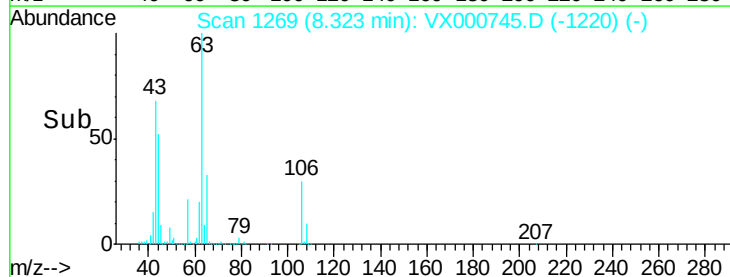
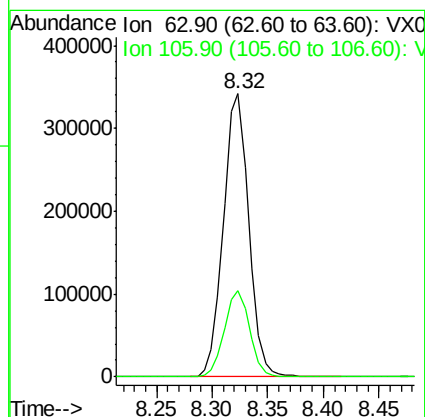
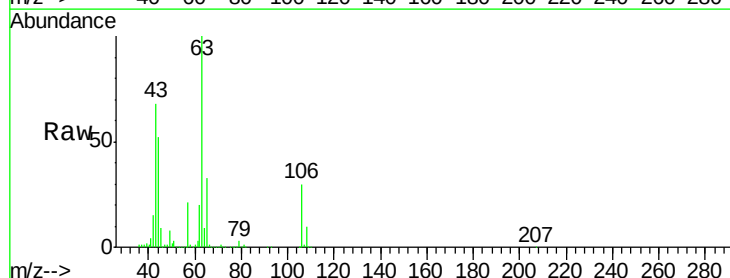
Acq: 08 Apr 2018 21:10

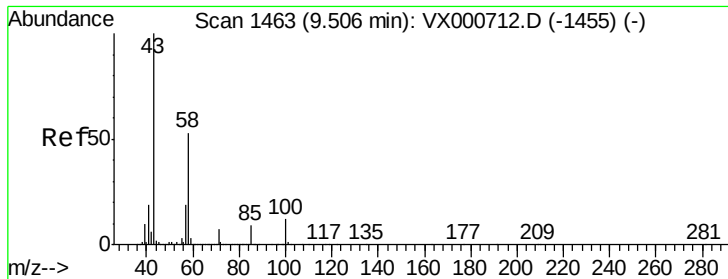
Tgt Ion: 63 Resp: 538154

Ion Ratio Lower Upper

63 100

106 30.5 24.0 36.0





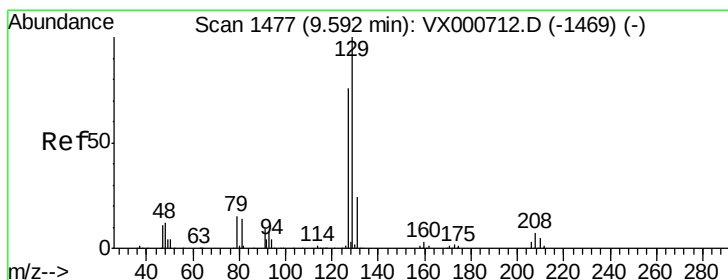
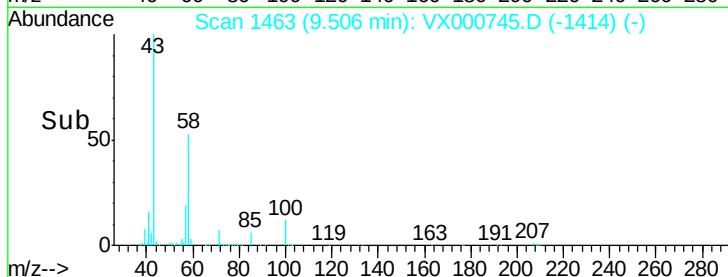
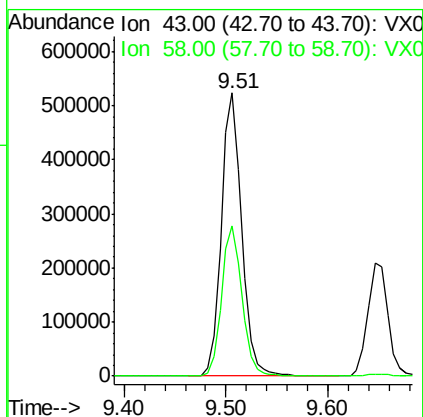
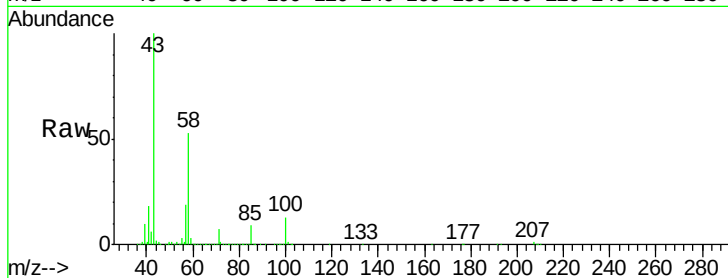
#59
2-Hexanone
Concen: 227.64 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 724905
Ion Ratio Lower Upper
43 100
58 53.5 25.9 77.8

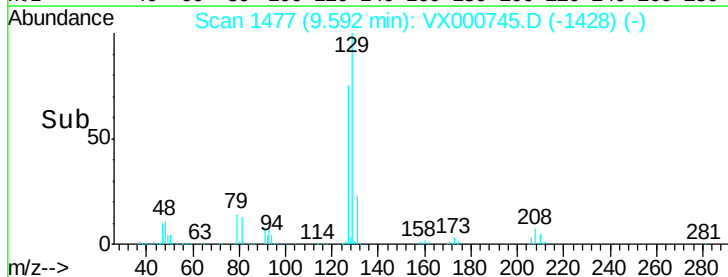
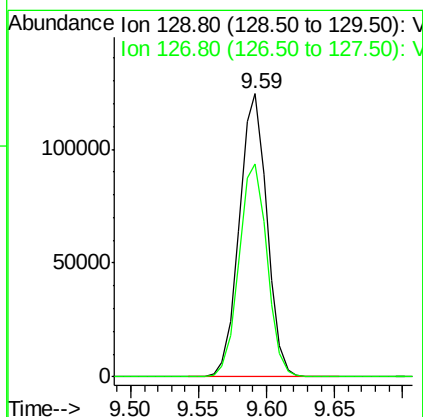
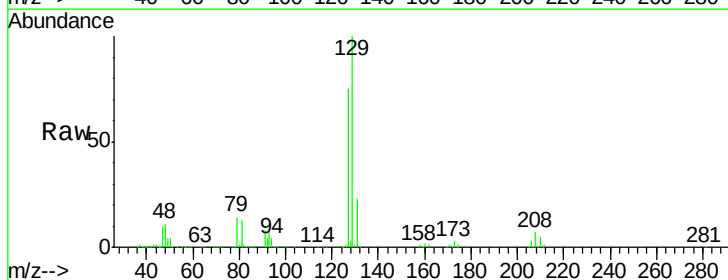
Manual Integrations
APPROVED

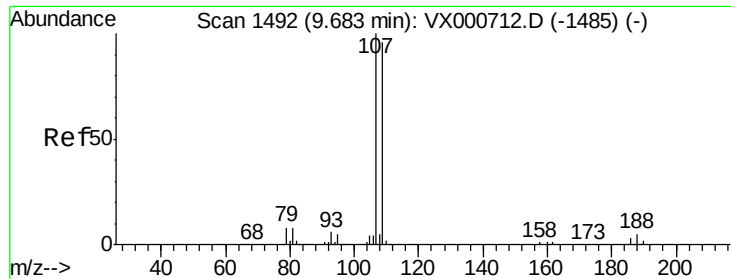
sam
4/9/2018 2:03:36 PM



#60
Dibromochloromethane
Concen: 48.42 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 129 Resp: 176502
Ion Ratio Lower Upper
129 100
127 76.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 47.57 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.01 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 149286

Ion Ratio Lower Upper

107 100

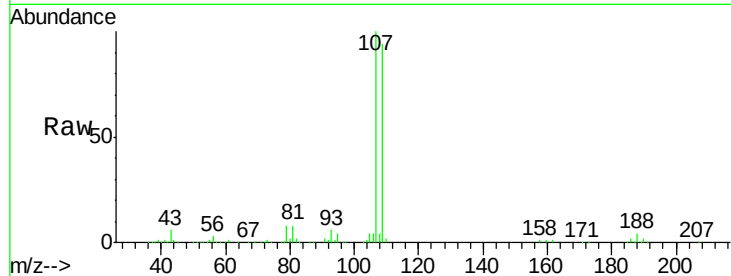
109 94.0 76.6 115.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

120000

100000

80000

60000

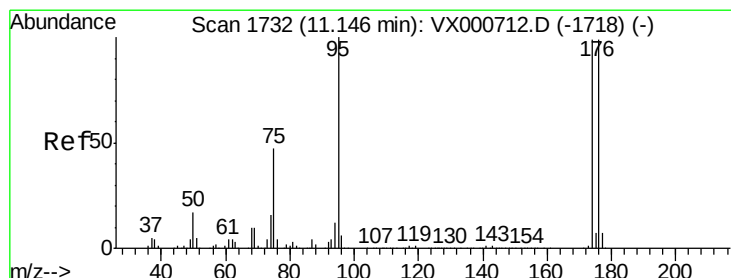
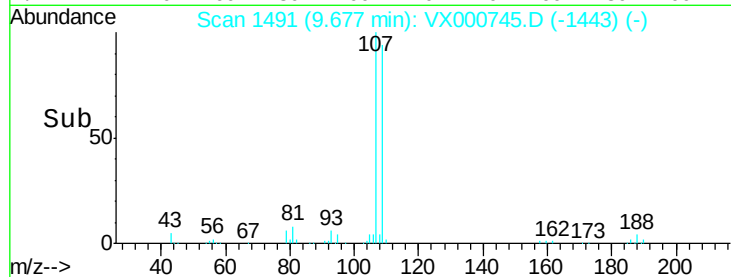
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 47.52 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

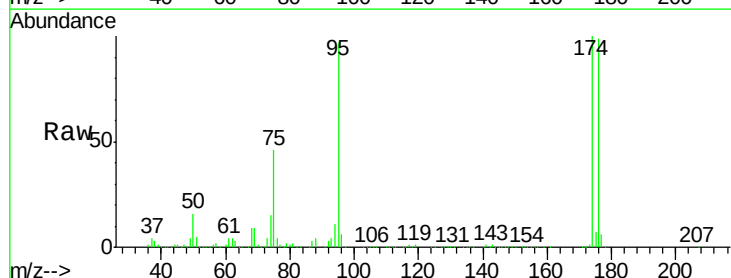
Tgt Ion: 95 Resp: 216302

Ion Ratio Lower Upper

95 100

174 98.0 0.0 191.6

176 96.2 0.0 187.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

150000

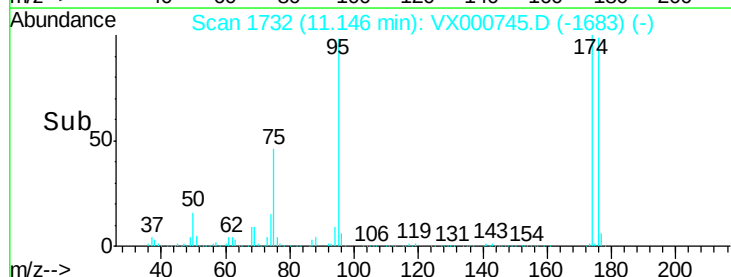
100000

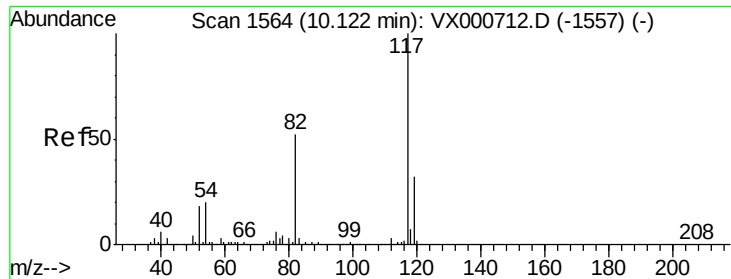
50000

0

11.10 11.20

Time-->





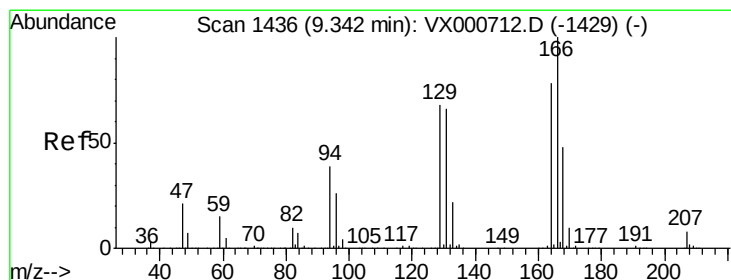
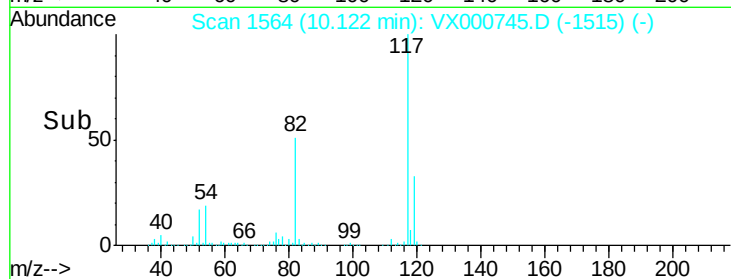
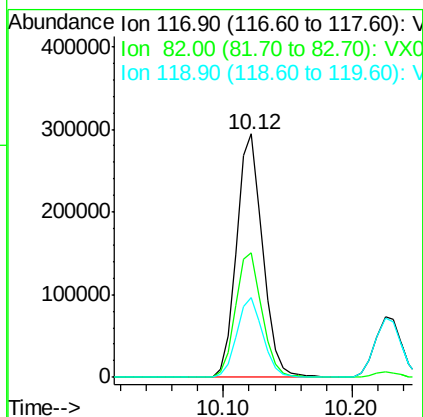
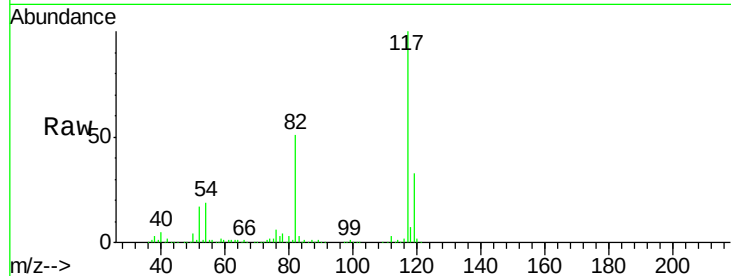
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	51.1	41.9	62.9	
119	32.8	25.8	38.8	

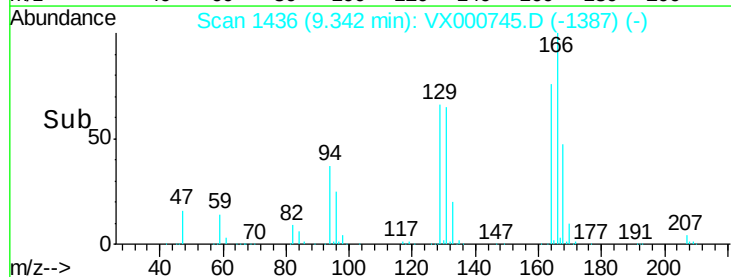
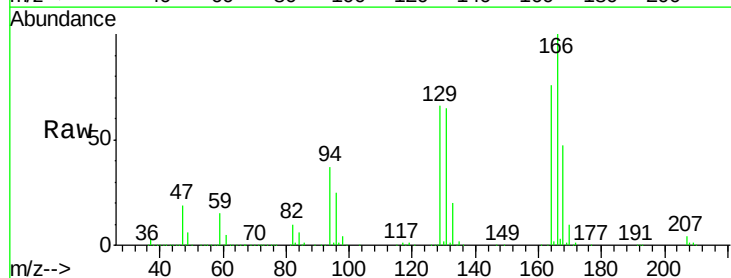
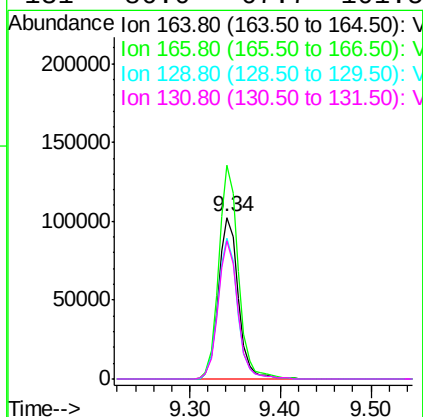
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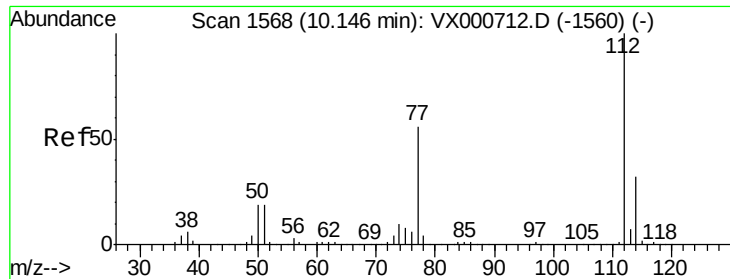
sam
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#64
Tetrachloroethene
Concen: 48.36 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	132.4	102.4	153.6	
129	87.3	69.3	103.9	
131	86.0	67.7	101.5	





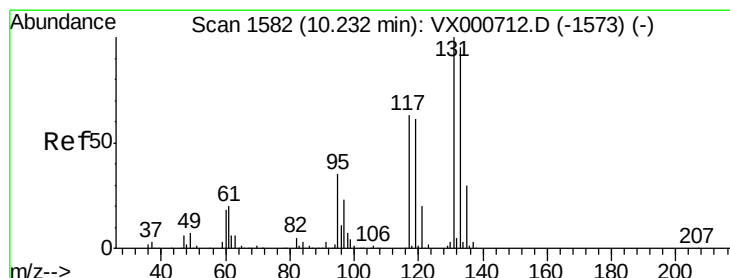
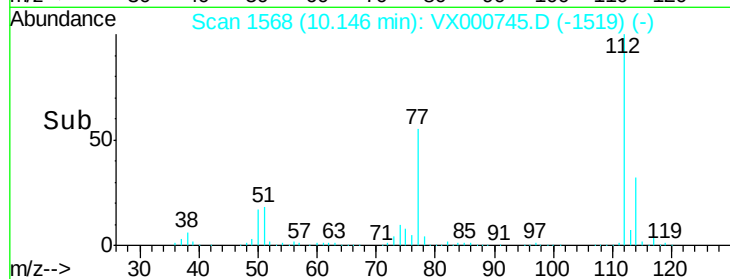
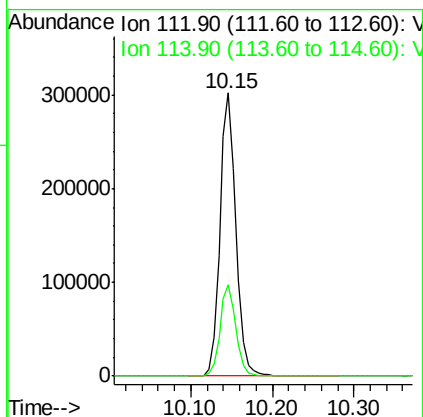
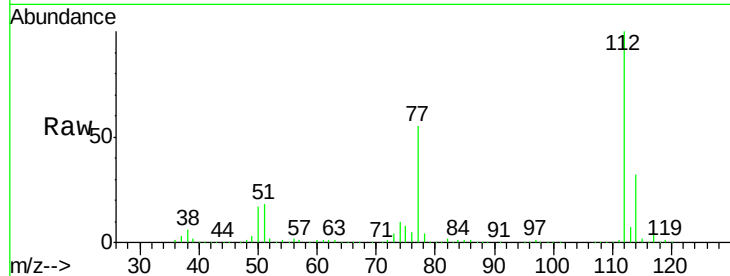
#65
Chlorobenzene
Concen: 48.40 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 411519
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6

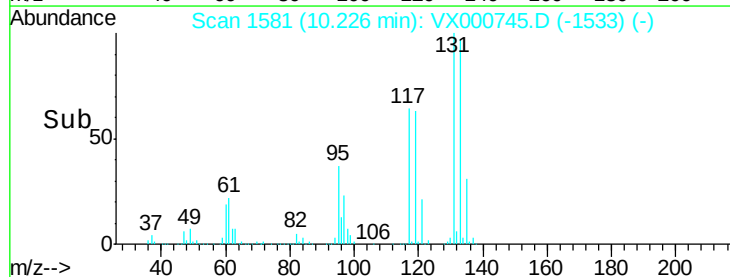
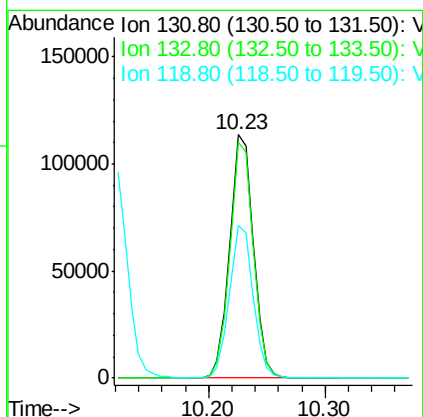
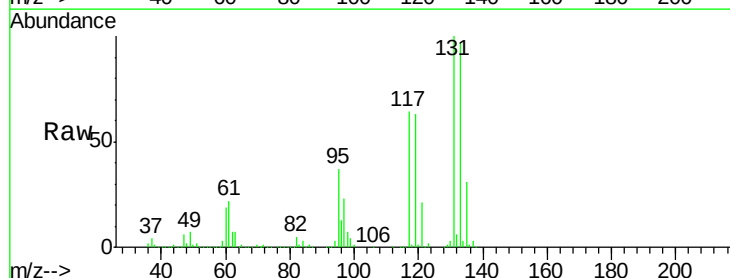
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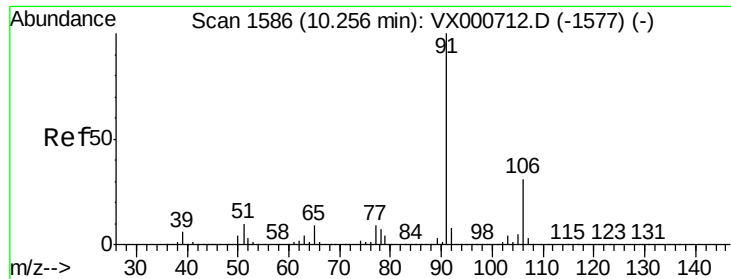
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.73 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion:131 Resp: 161755
Ion Ratio Lower Upper
131 100
133 96.0 48.0 144.2
119 62.9 31.5 94.5





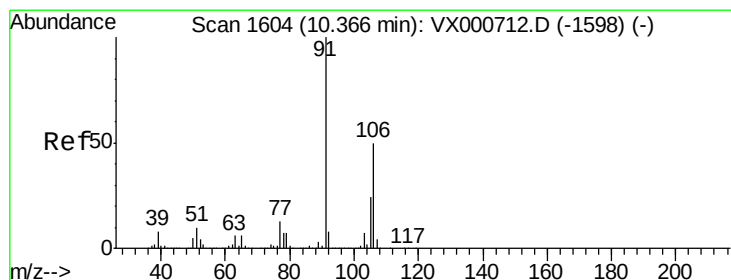
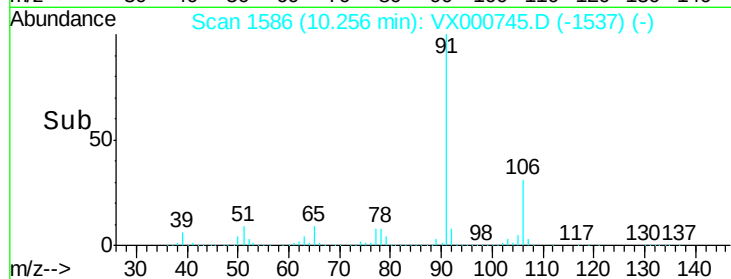
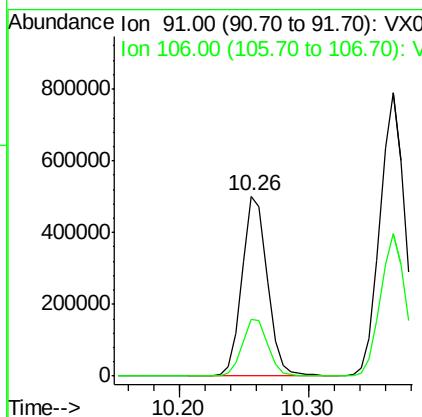
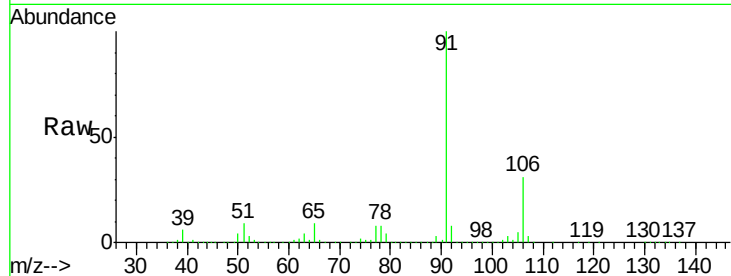
#67
Ethyl Benzene
Concen: 47.83 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 682185
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7

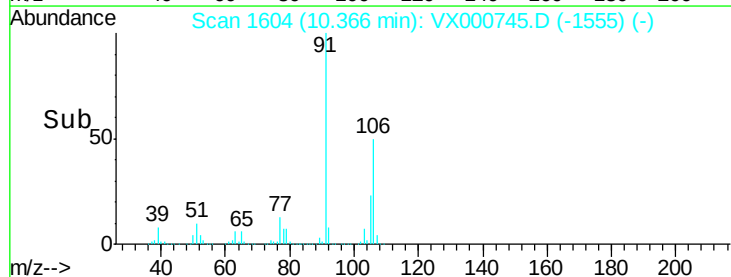
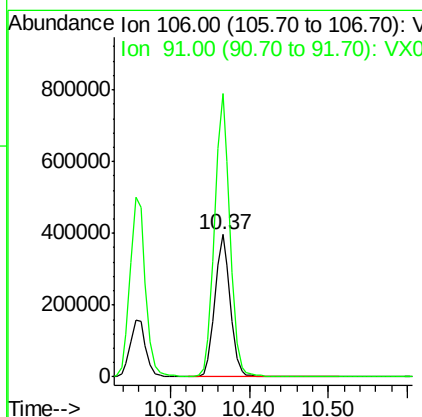
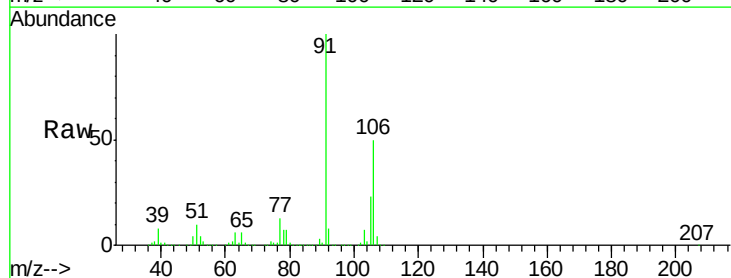
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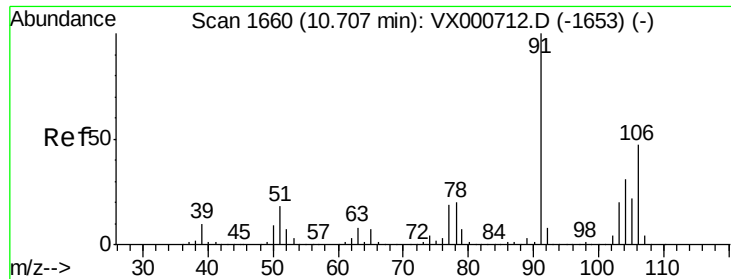
sam
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#68
m/p-Xylenes
Concen: 96.48 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion: 106 Resp: 538338
Ion Ratio Lower Upper
106 100
91 198.7 159.7 239.5





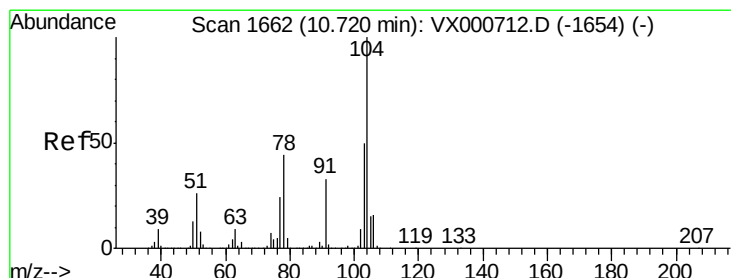
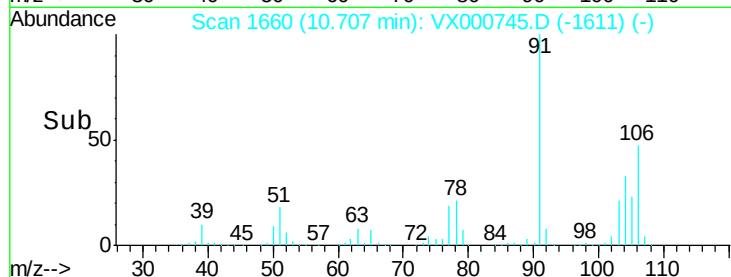
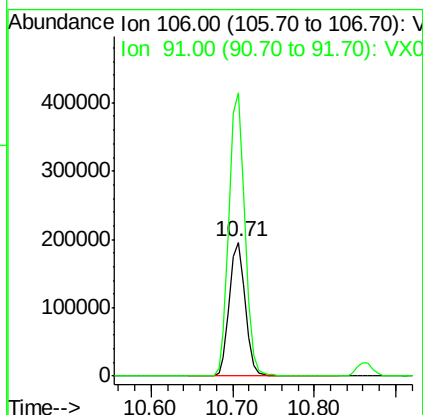
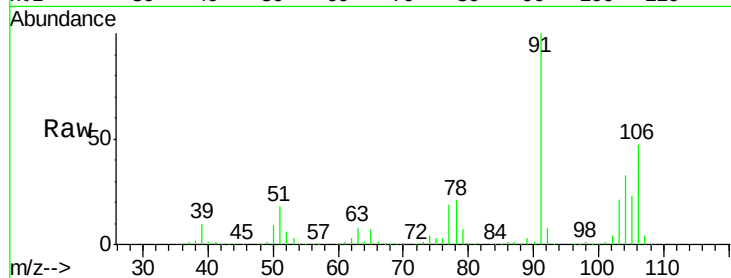
#69
o-Xylene
Concen: 47.75 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 261435
Ion Ratio Lower Upper
106 100
91 211.9 106.1 318.3

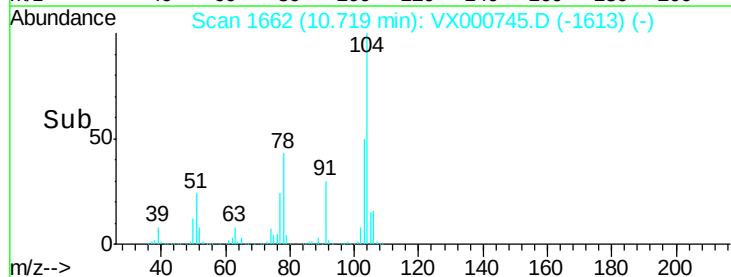
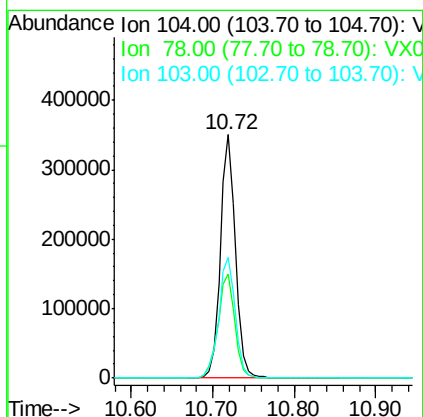
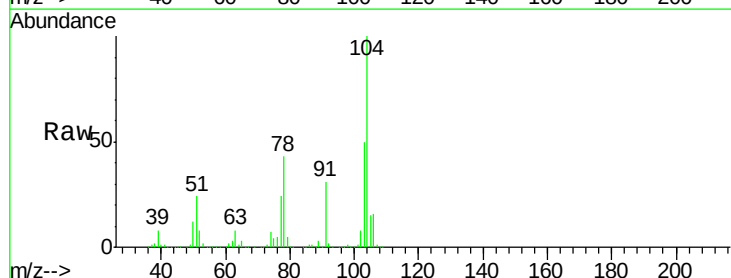
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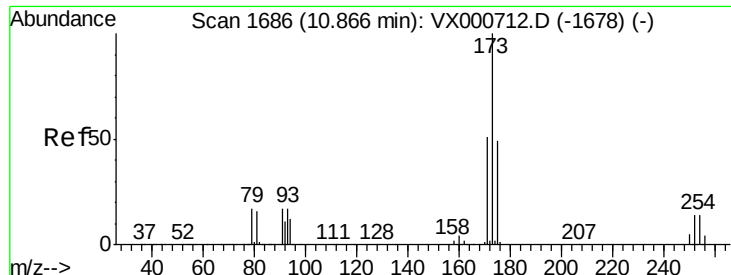
sam
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#70
Styrene
Concen: 48.89 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion:104 Resp: 452226
Ion Ratio Lower Upper
104 100
78 48.3 39.8 59.6
103 55.1 44.1 66.1





#71

Bromoform

Concen: 48.83 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

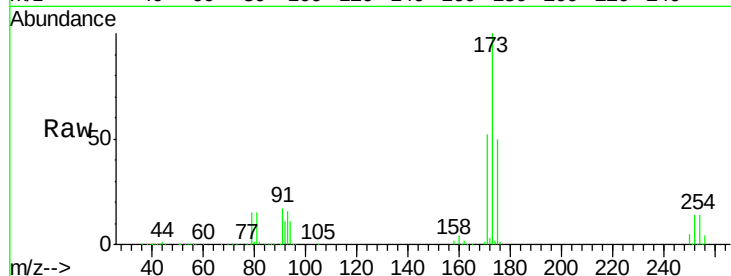
ClientSampleId :

VSTDCCC050EC

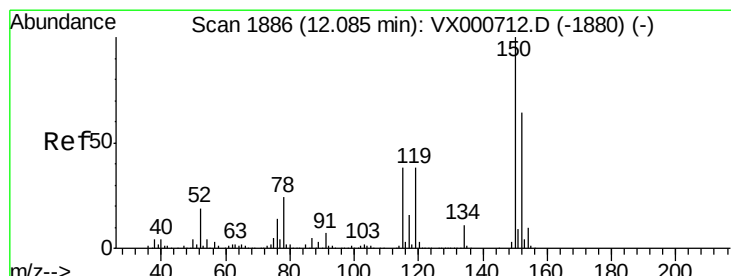
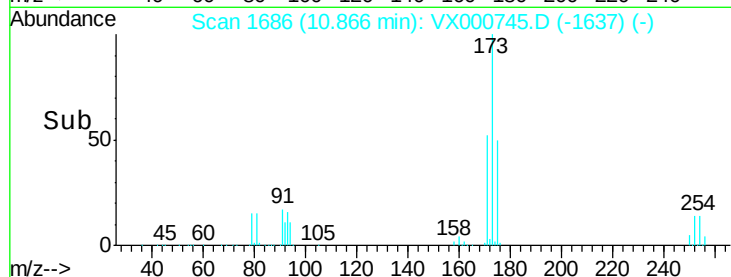
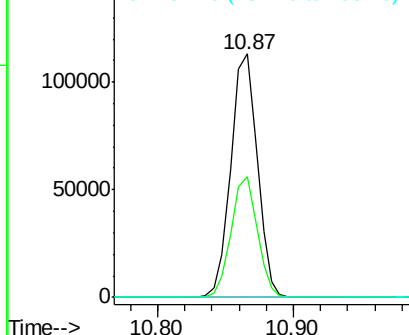
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.2	72.6
254	0.2	0.1	0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

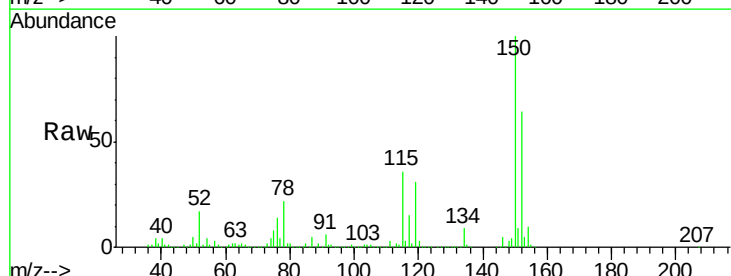
RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

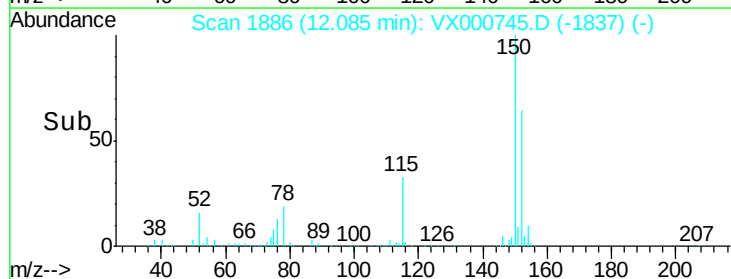
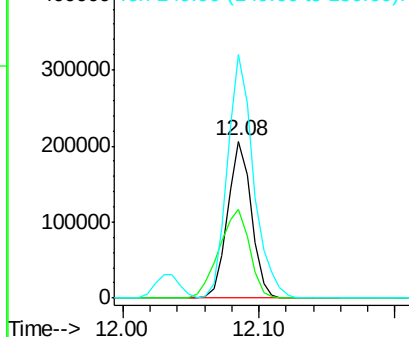
Lab File: VX000745.D

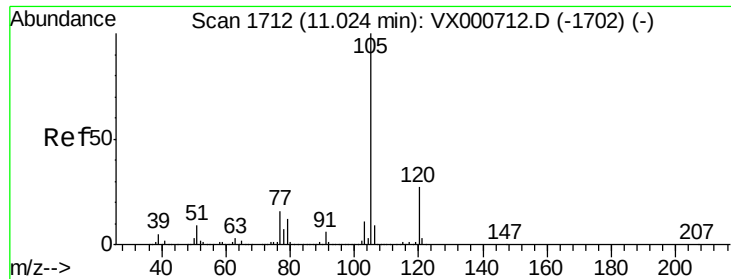
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	72.9	37.7	113.1
150	171.9	0.0	345.0



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





#73

Isopropylbenzene

Concen: 48.37 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 716972

Ion Ratio Lower Upper

105 100

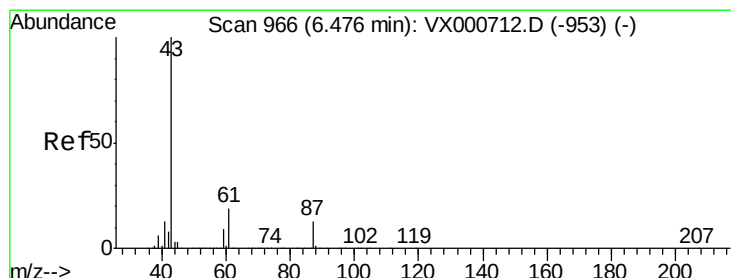
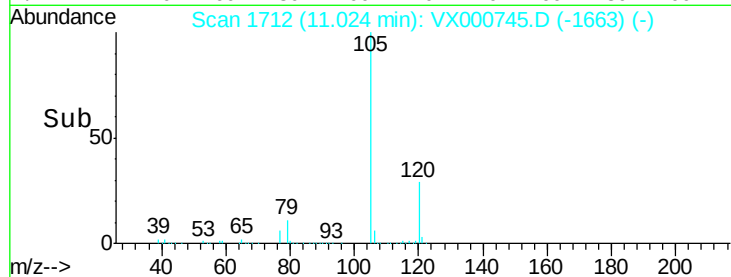
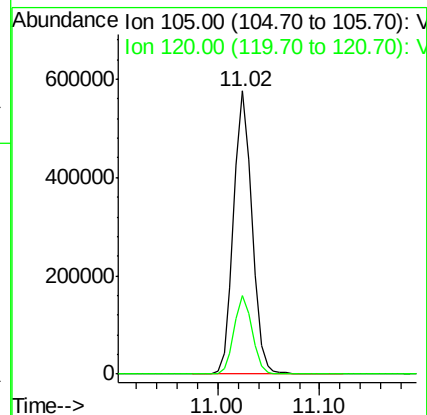
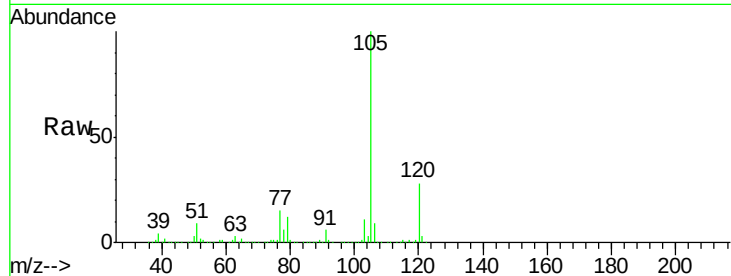
120 27.3 13.7 41.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 44.98 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion: 43 Resp: 324462

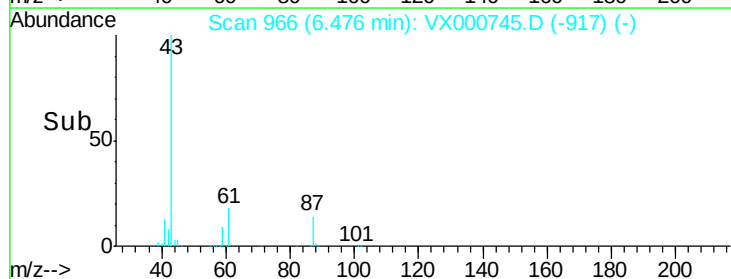
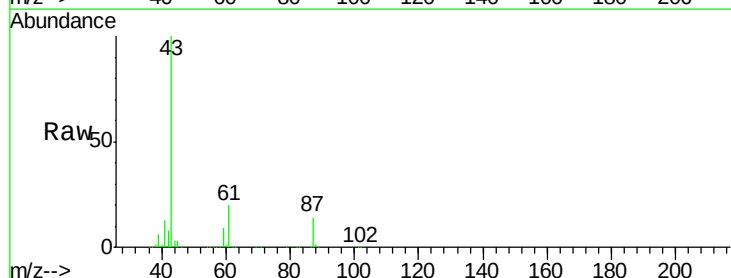
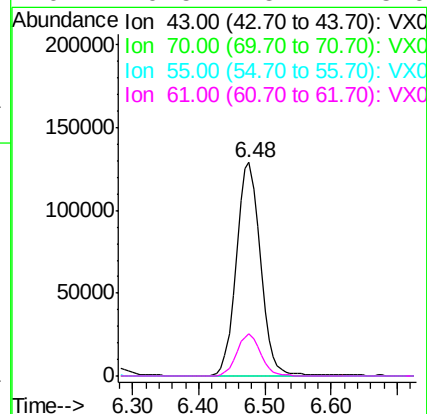
Ion Ratio Lower Upper

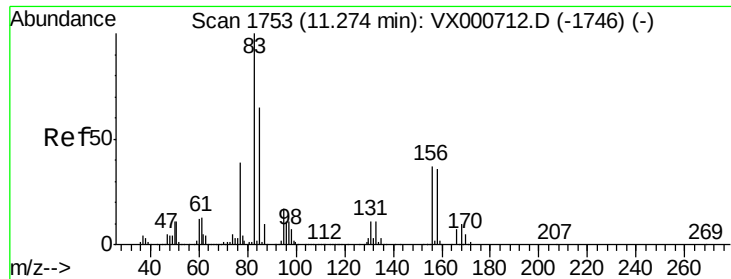
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 19.5 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.94 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

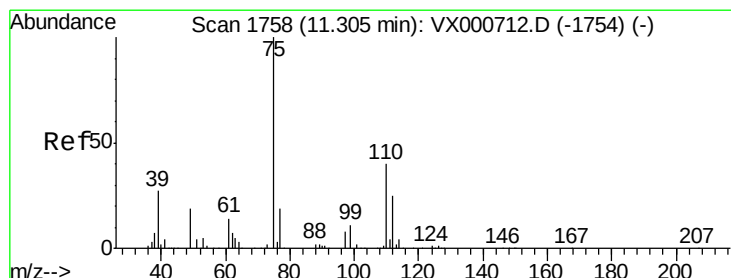
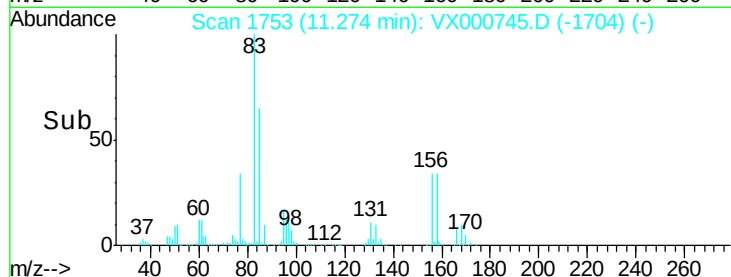
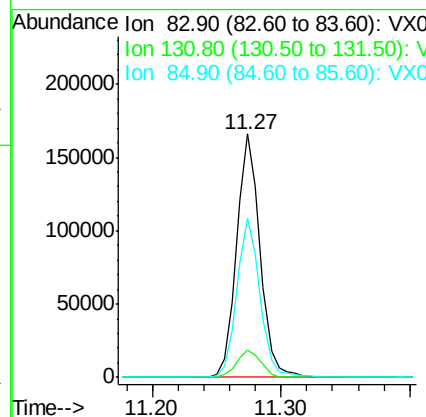
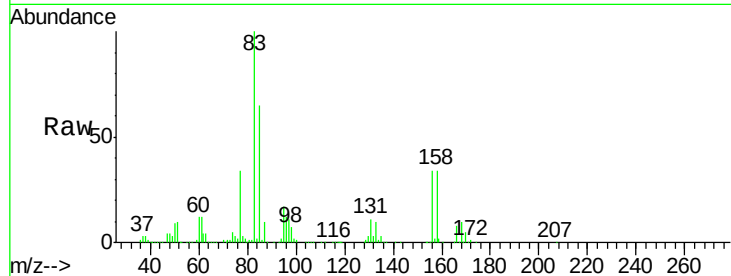
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	211226
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.9	17.7
85	64.6	32.6	98.0

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#76

1,2,3-Trichloropropane

Concen: 47.10 ug/l m

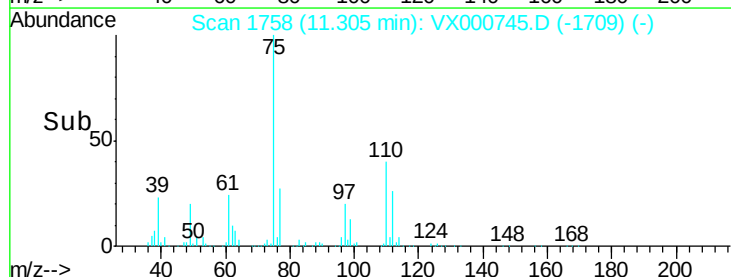
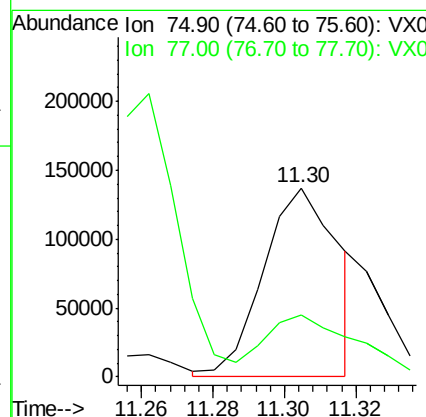
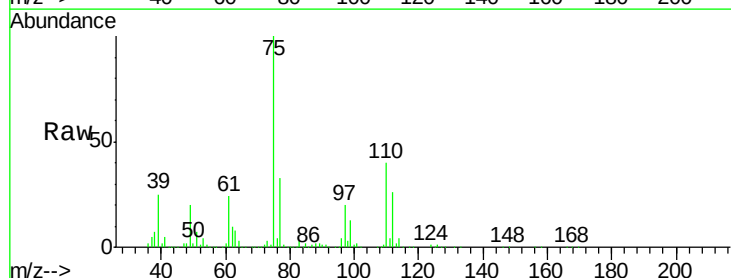
RT: 11.30 min Scan# 1758

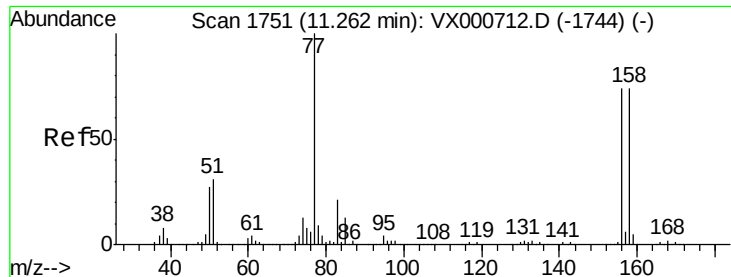
Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion:	75	Resp:	198694
Ion Ratio	Lower	Upper	
75	100		
77	40.0	21.3	63.7





#77

Bromobenzene

Concen: 49.84 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

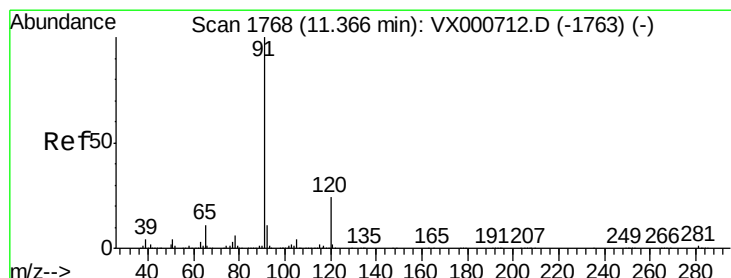
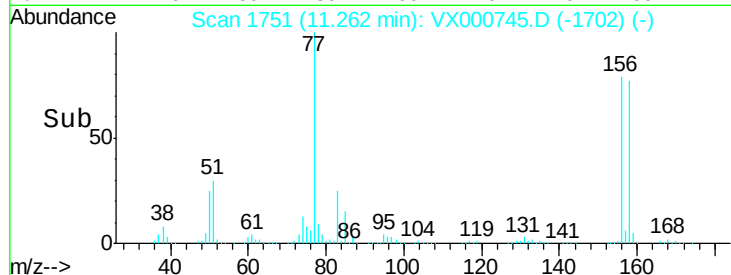
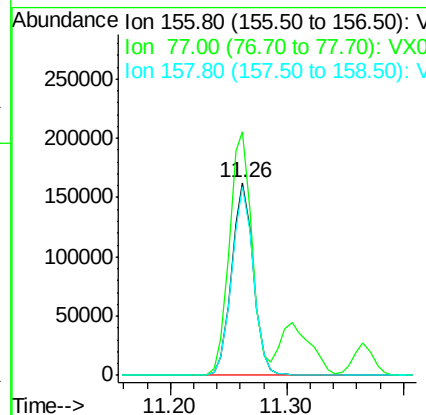
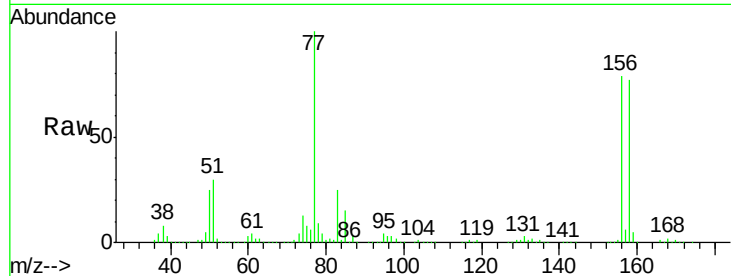
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	209521
Ion Ratio	Lower	Upper	
156	100		
77	131.4	68.3	205.1
158	98.1	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 47.43 ug/l

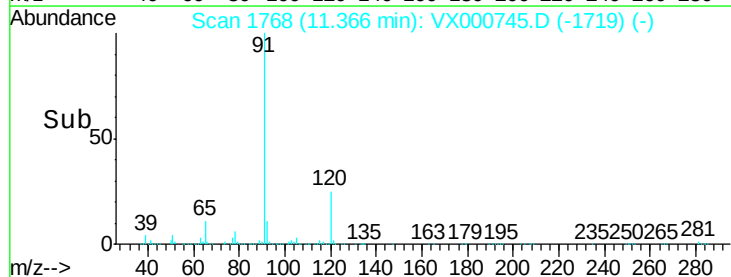
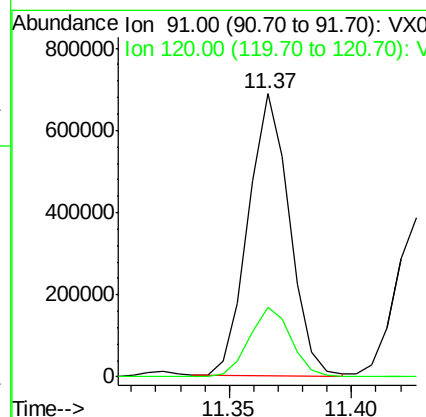
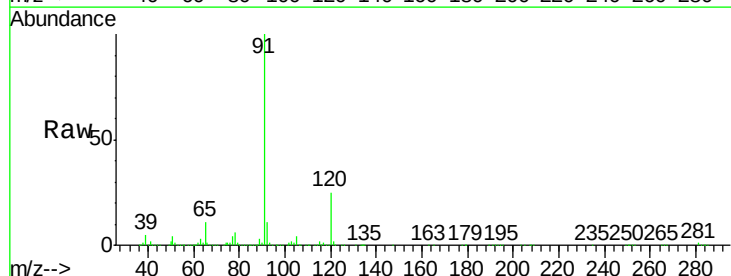
RT: 11.37 min Scan# 1768

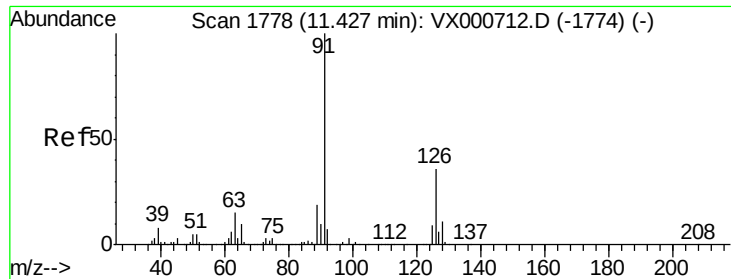
Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion:	91	Resp:	806566
Ion Ratio	Lower	Upper	
91	100		
120	25.2	12.5	37.5





#79

2-Chlorotoluene

Concen: 47.19 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 478654

Ion Ratio Lower Upper

91 100

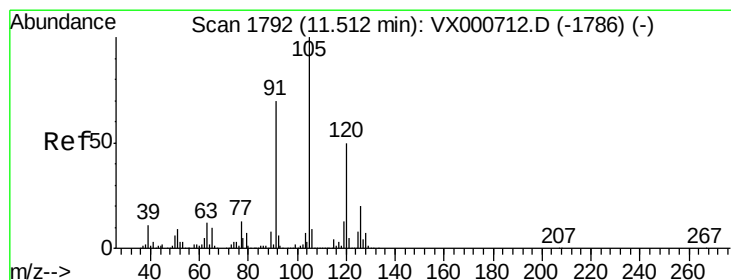
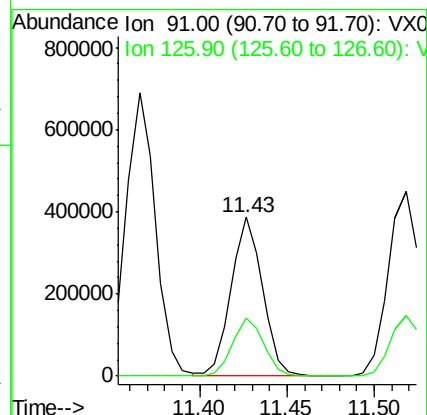
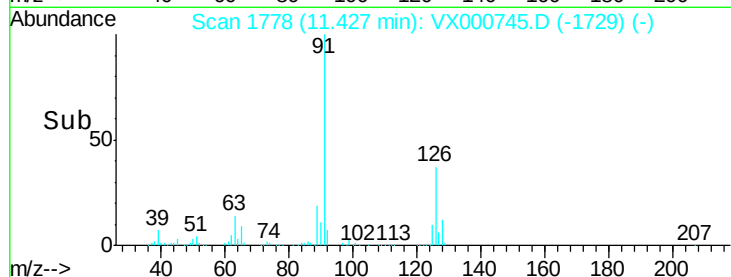
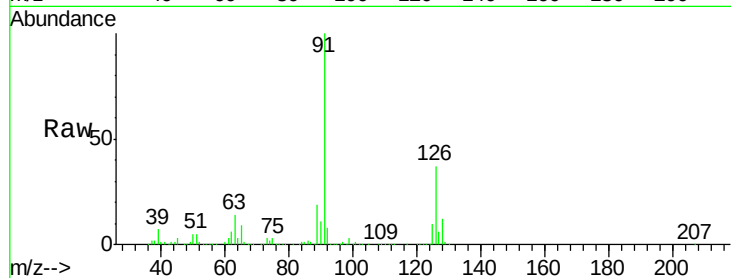
126 36.8 18.3 54.9

Manual Integrations

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sam

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#80

1,3,5-Trimethylbenzene

Concen: 47.65 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX000745.D

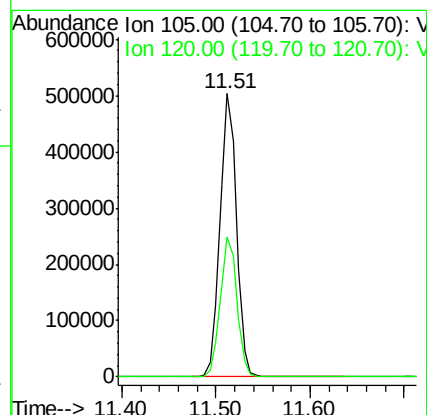
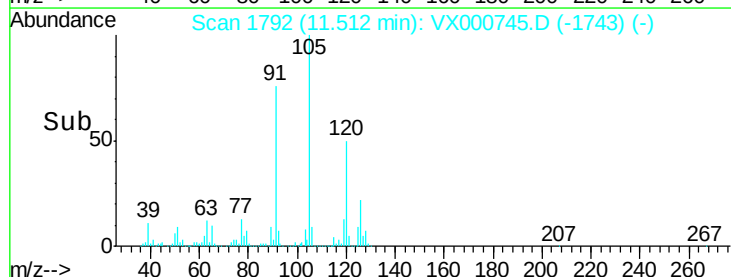
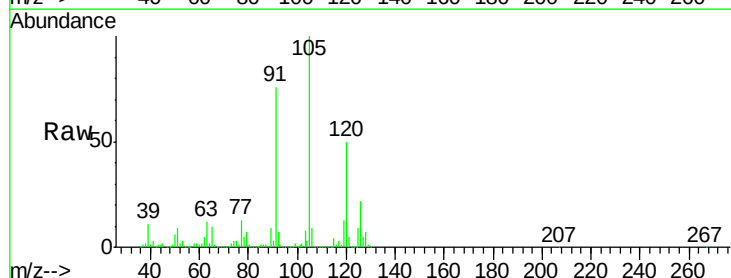
Acq: 08 Apr 2018 21:10

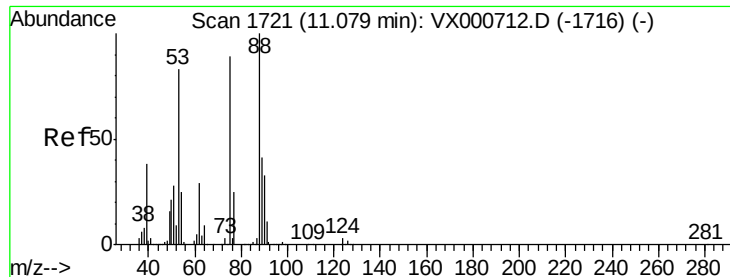
Tgt Ion: 105 Resp: 611756

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3





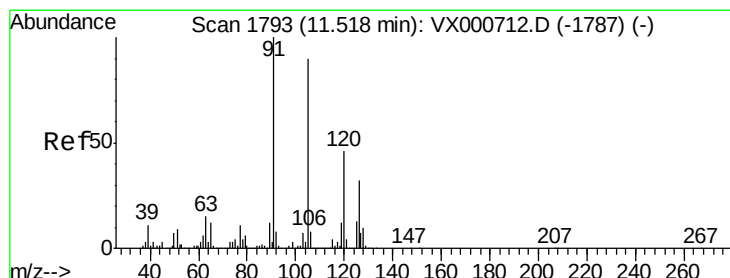
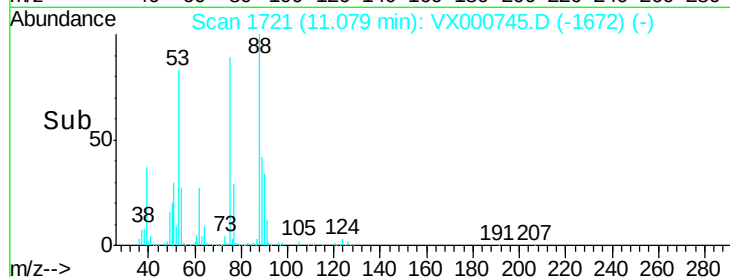
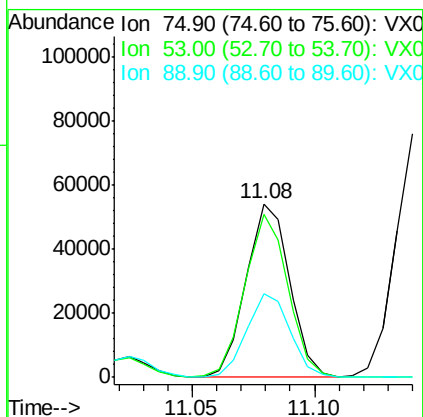
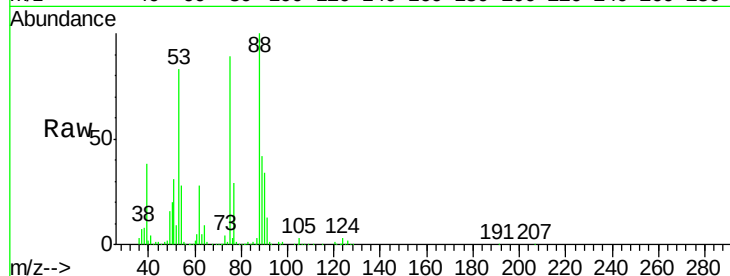
#81
trans-1,4-Dichloro-2-butene
Concen: 41.19 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.3	74.2	111.2
89	49.0	46.6	69.8

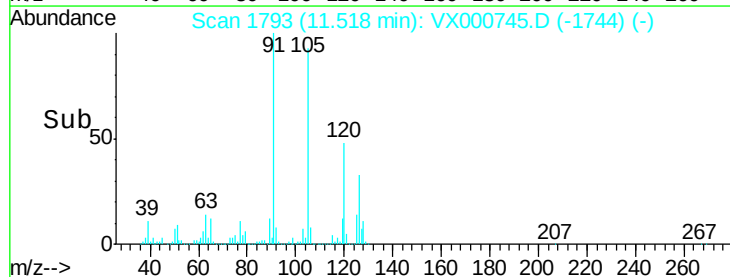
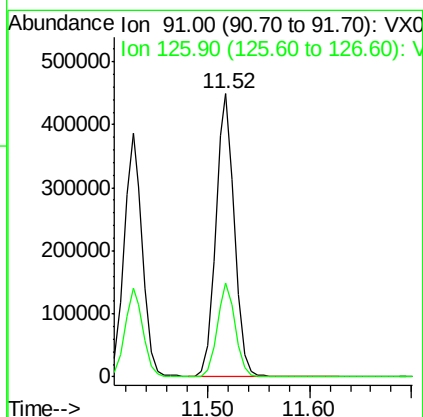
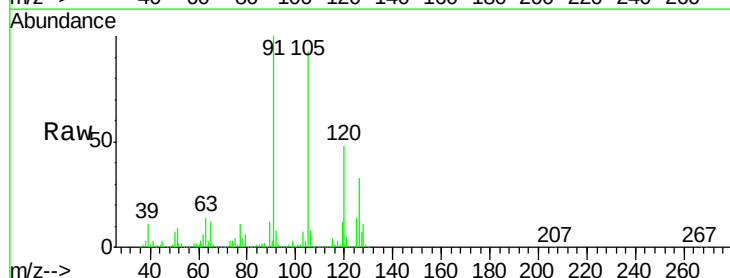
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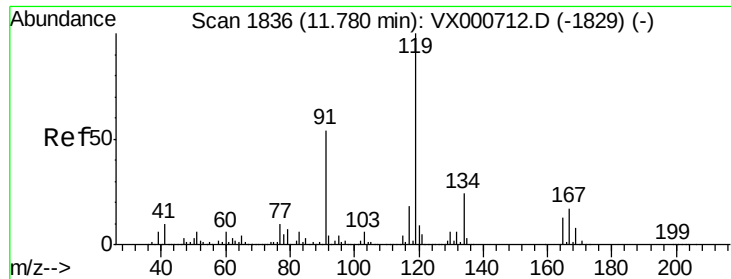
sam
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#82
4-Chlorotoluene
Concen: 47.28 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.0	48.0





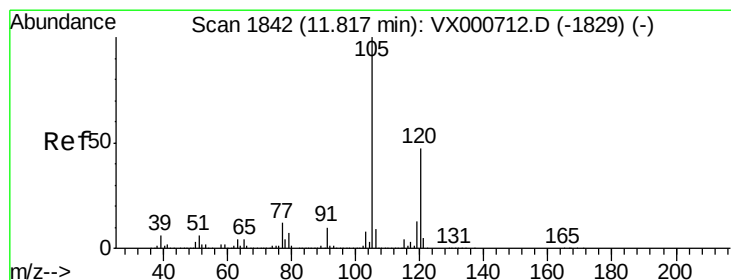
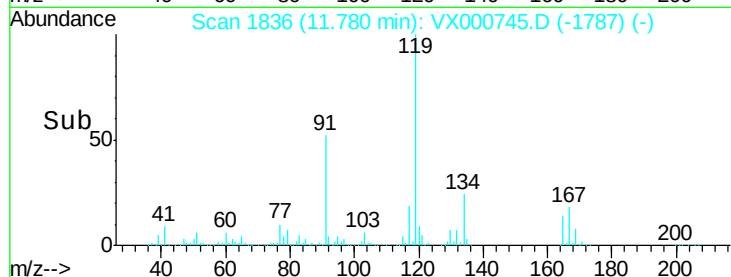
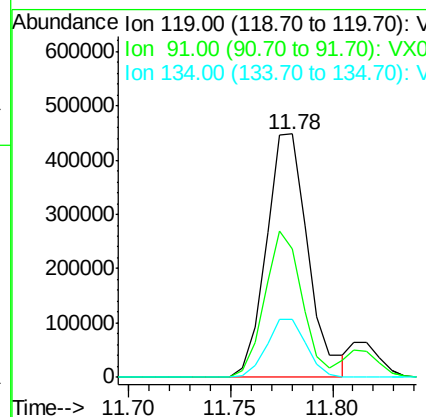
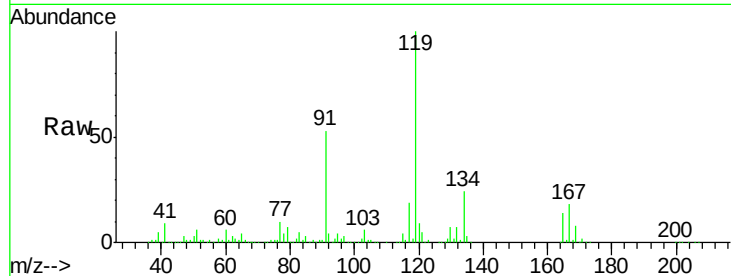
#83
 tert-Butylbenzene
 Concen: 48.57 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.7	27.3	81.8
134	22.7	11.5	34.4

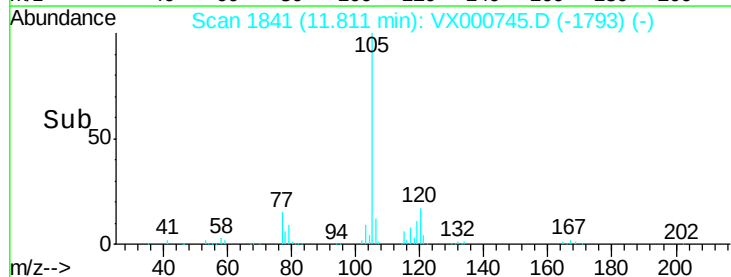
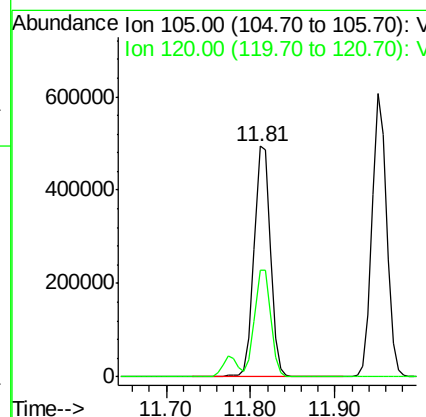
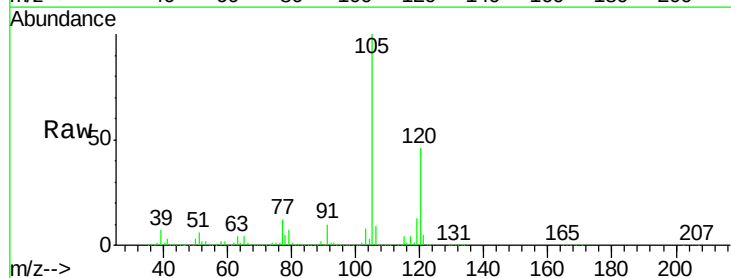
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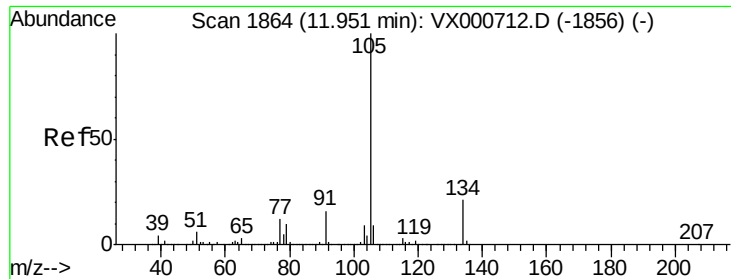
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.86 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.9	68.5





#85

sec-Butylbenzene

Concen: 47.96 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 738649

Ion Ratio Lower Upper

105 100

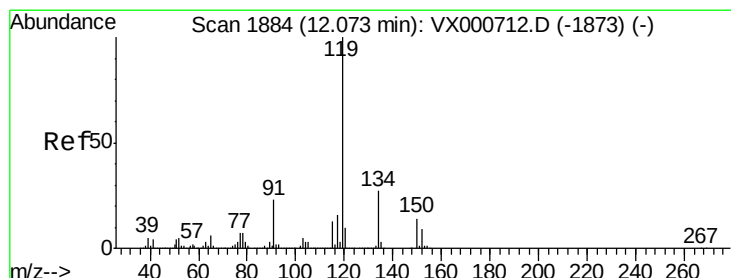
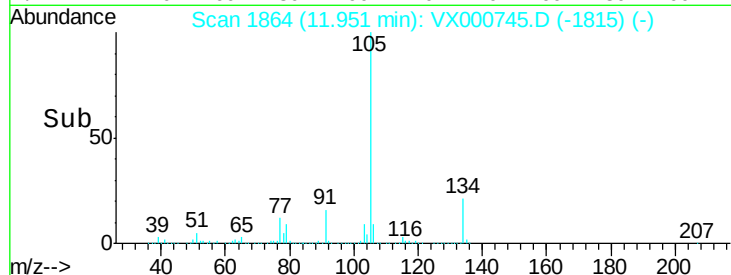
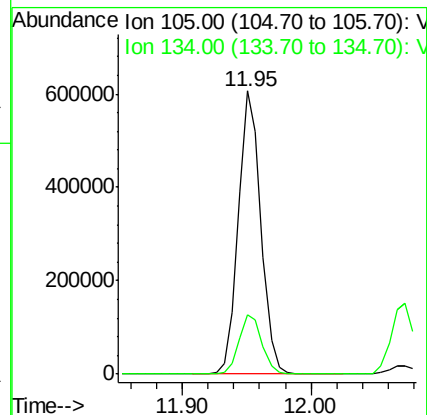
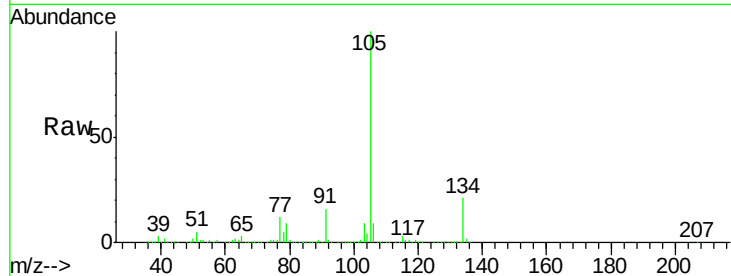
134 21.6 10.7 32.1

Manual Integrations

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sam

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#86

p-Isopropyltoluene

Concen: 47.51 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

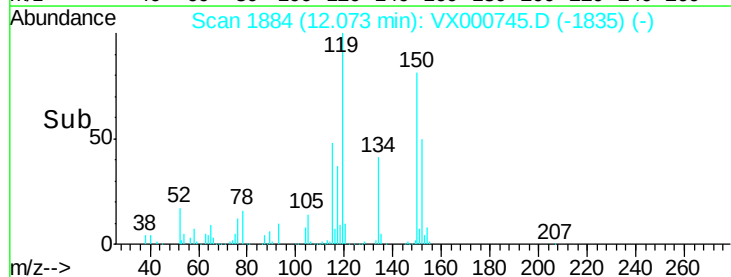
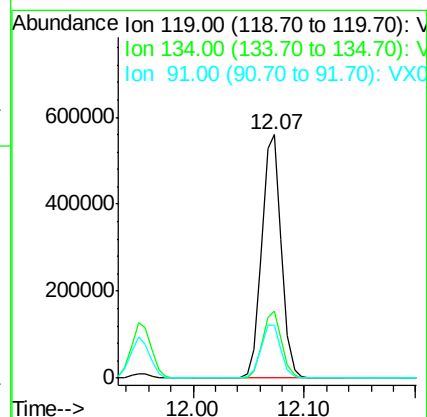
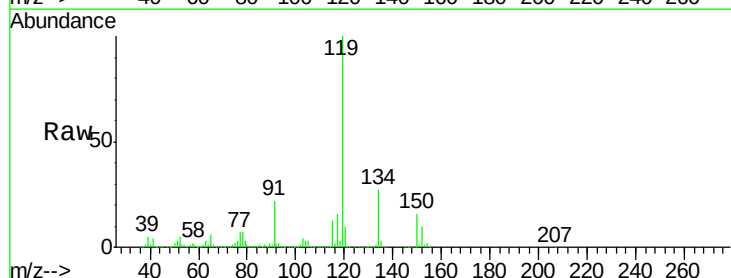
Tgt Ion:119 Resp: 684071

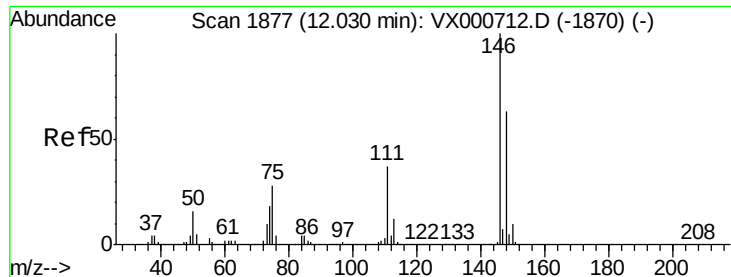
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.2

91 22.3 11.5 34.4





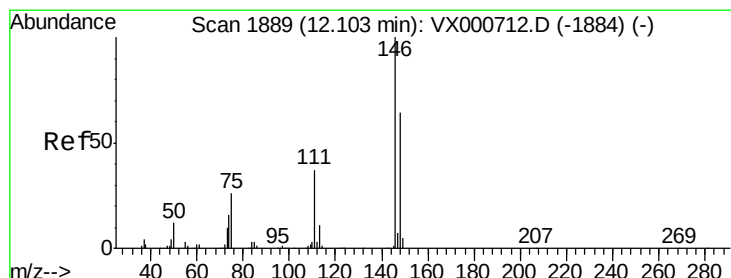
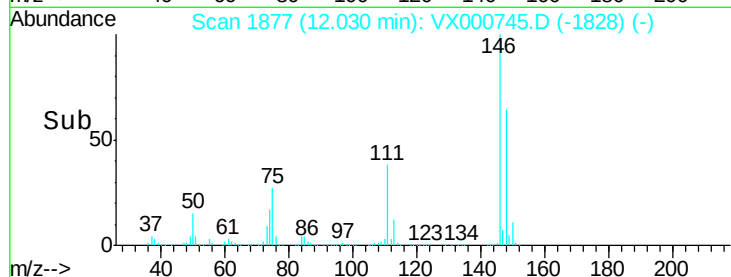
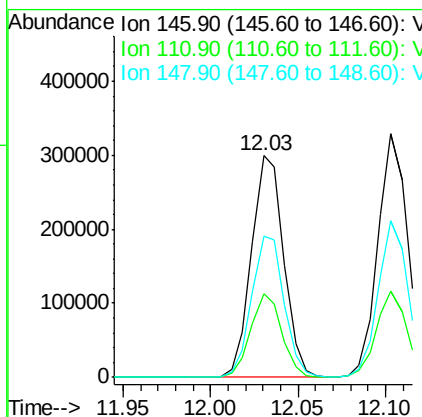
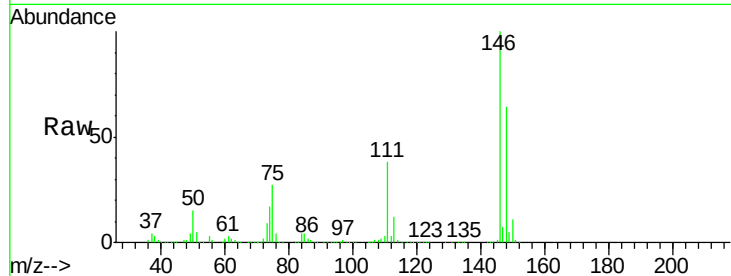
#87
 1,3-Dichlorobenzene
 Concen: 48.79 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.6	55.8
148	64.2	32.0	96.2

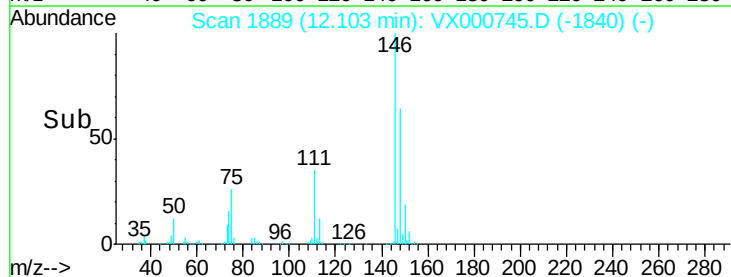
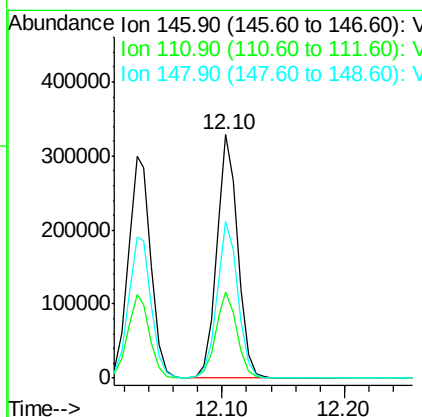
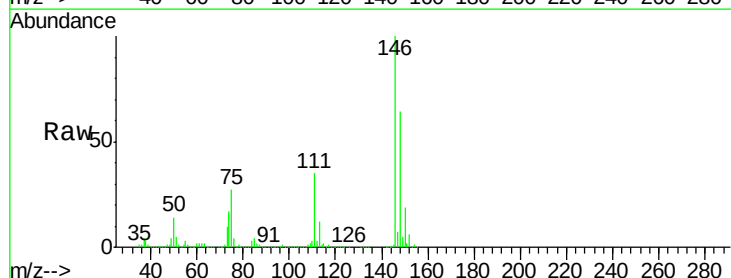
Manual Integrations
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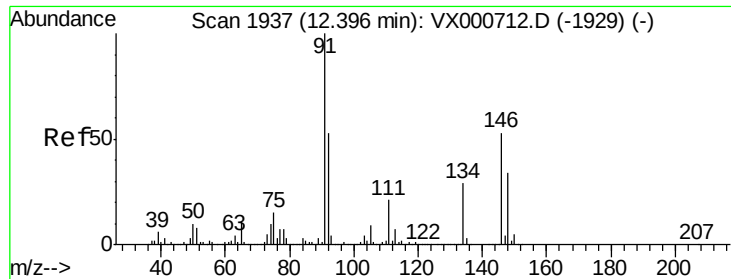
sam
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#88
 1,4-Dichlorobenzene
 Concen: 48.64 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.2	54.6
148	64.1	32.1	96.5





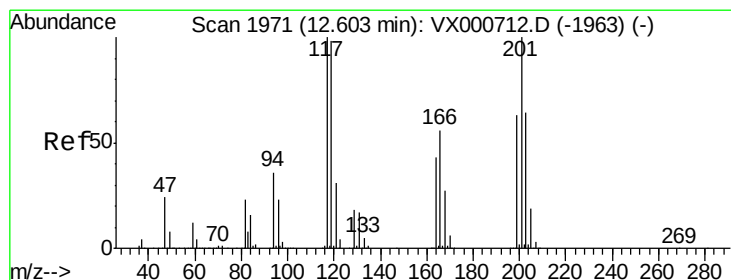
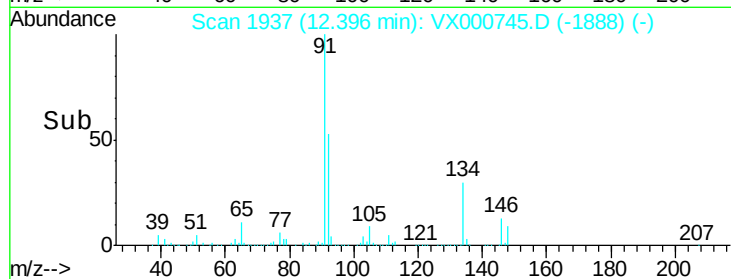
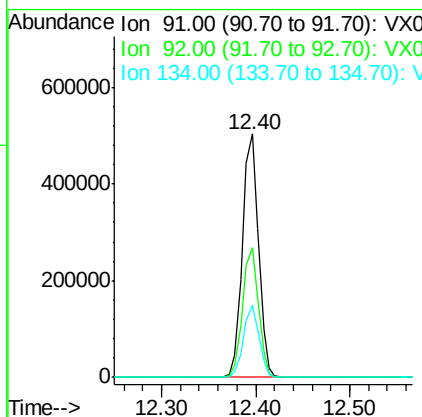
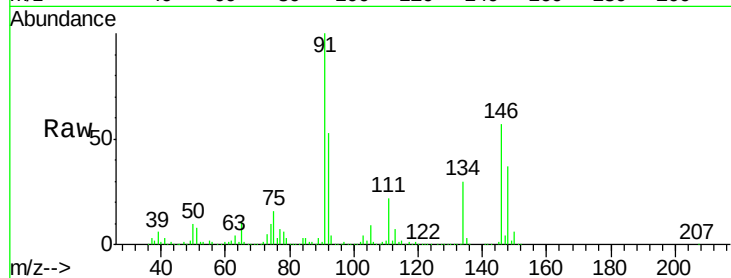
#89
n-Butylbenzene
Concen: 46.43 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.7	80.0
134	28.8	14.4	43.0

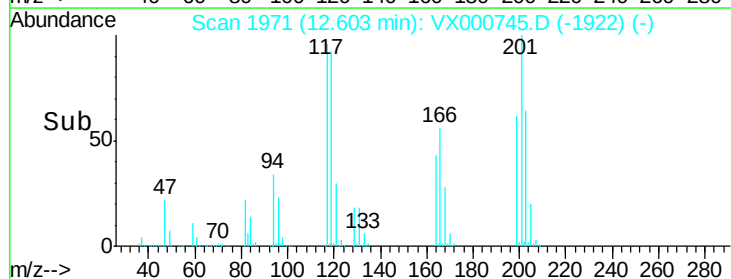
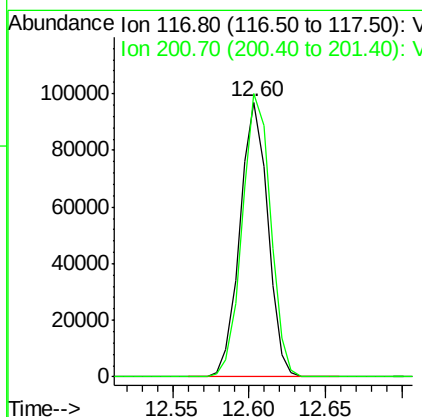
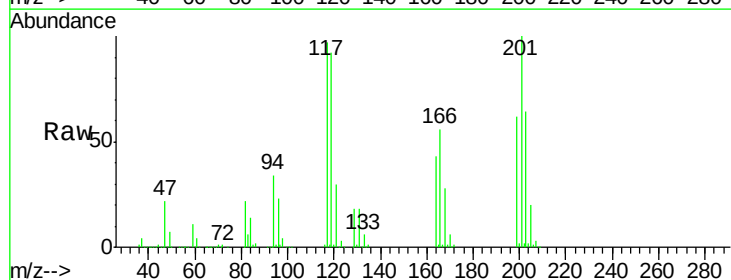
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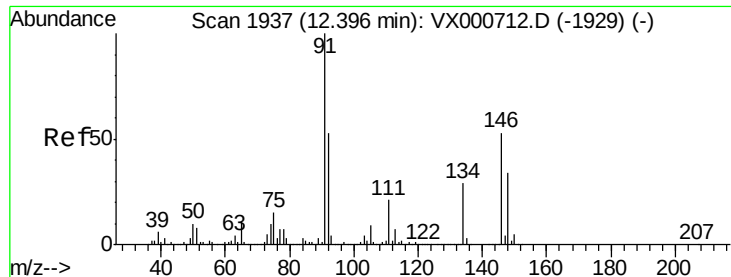
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#90
Hexachloroethane
Concen: 46.83 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.8	51.2	153.6





#91

1,2-Dichlorobenzene

Concen: 49.09 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Instrument :

MSVOA_X

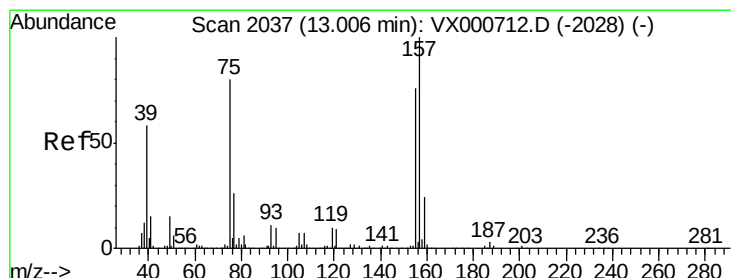
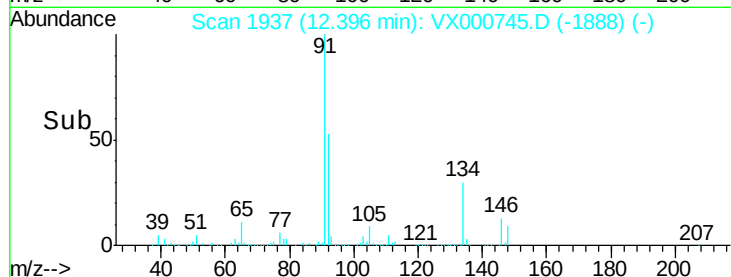
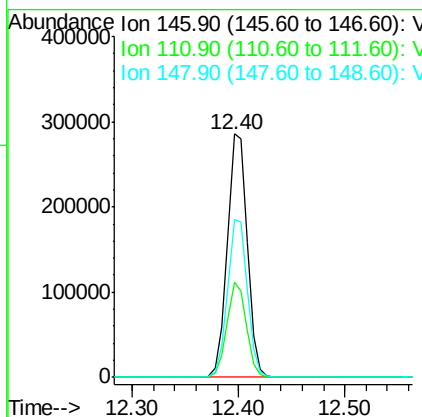
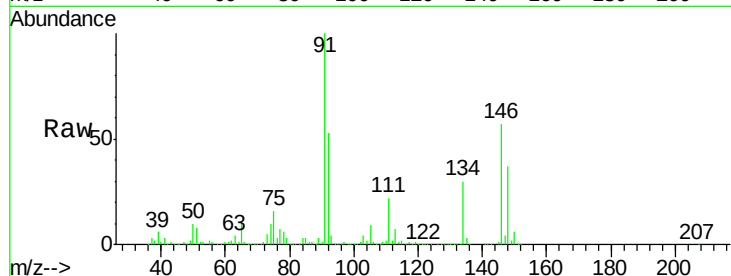
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	377367
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.3	57.9
148	64.7	31.9	95.7

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#92

1,2-Dibromo-3-Chloropropane

Concen: 44.11 ug/l

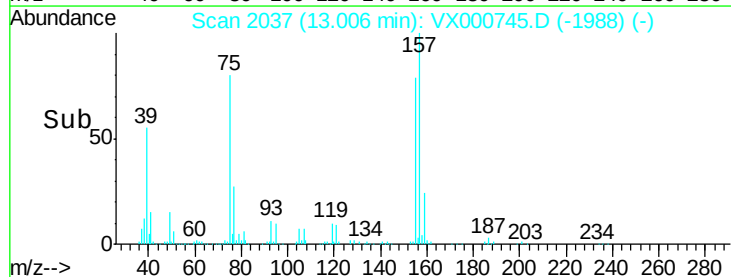
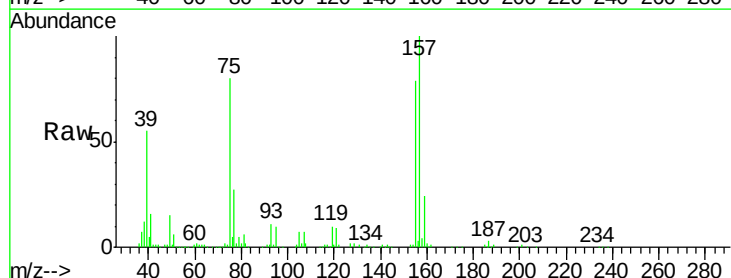
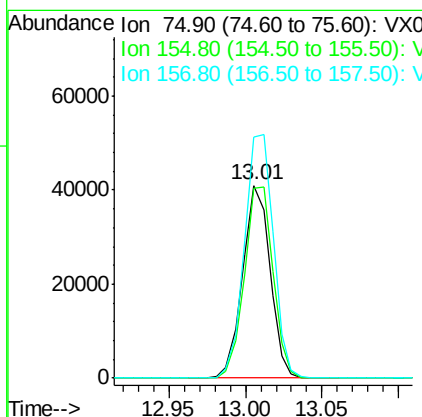
RT: 13.01 min Scan# 2037

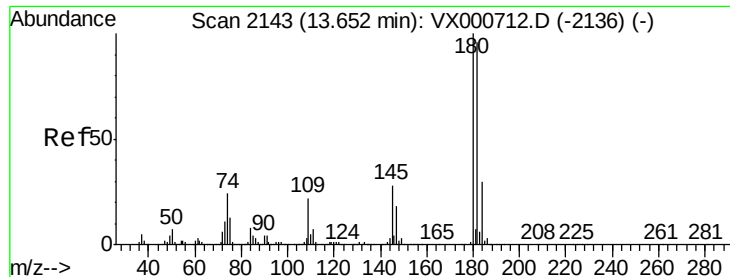
Delta R.T. -0.00 min

Lab File: VX000745.D

Acq: 08 Apr 2018 21:10

Tgt Ion:	75	Resp:	51074
Ion Ratio	Lower	Upper	
75	100		
155	103.6	48.4	145.0
157	133.3	62.8	188.5





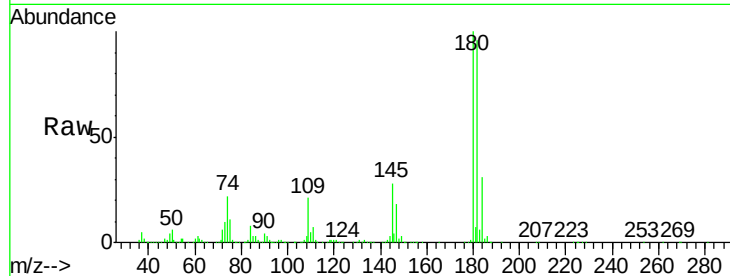
#93
 1,2,4-Trichlorobenzene
 Concen: 48.62 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050EC

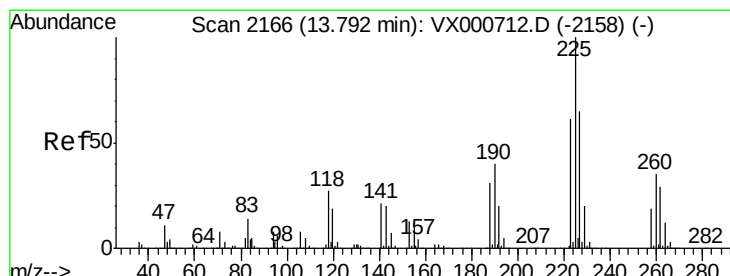
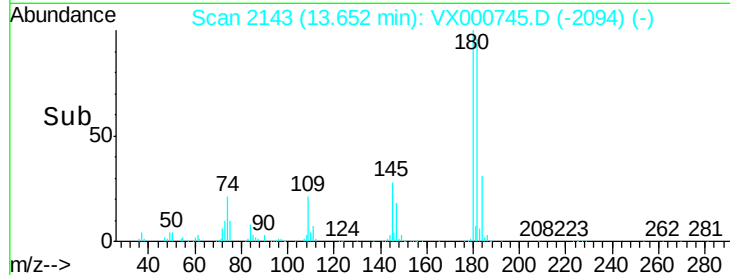
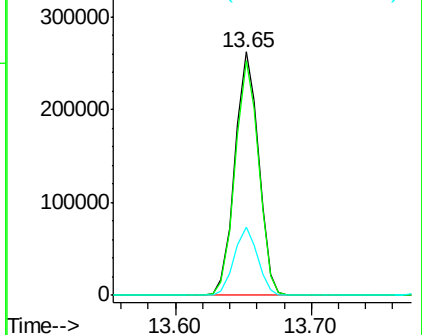
Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.9	143.7	
145	27.7	14.1	42.3	

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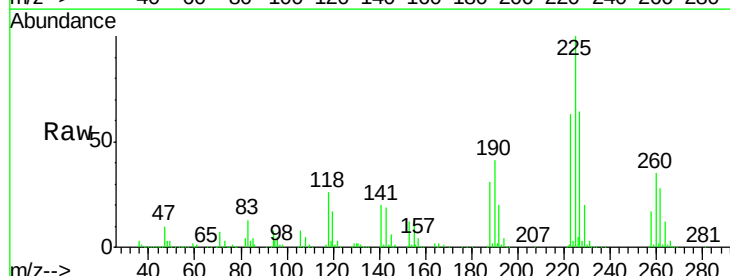


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

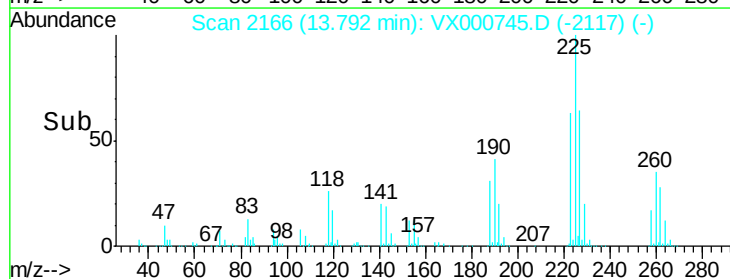
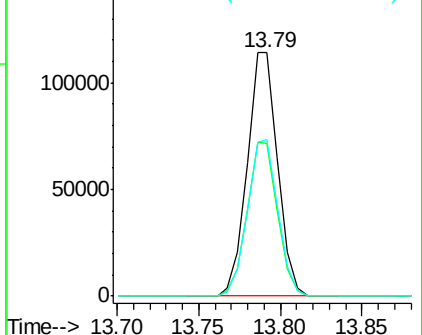


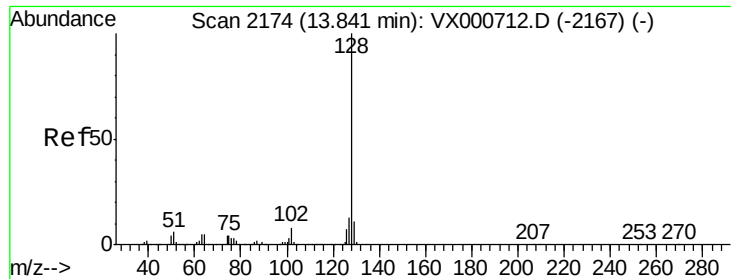
#94
 Hexachlorobutadiene
 Concen: 45.96 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000745.D
 Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	30.9	92.8	
227	64.3	31.9	95.7	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





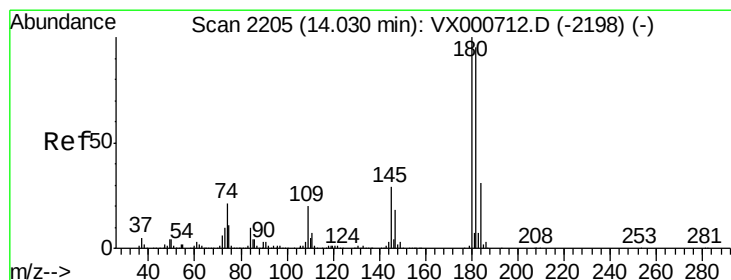
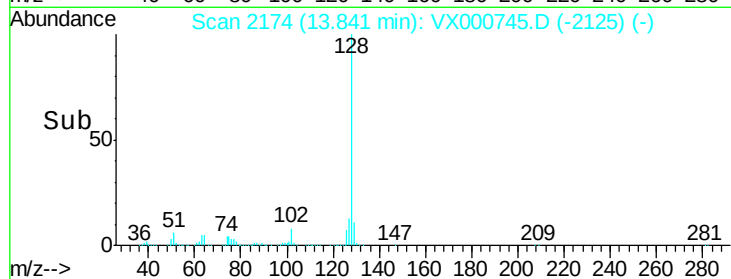
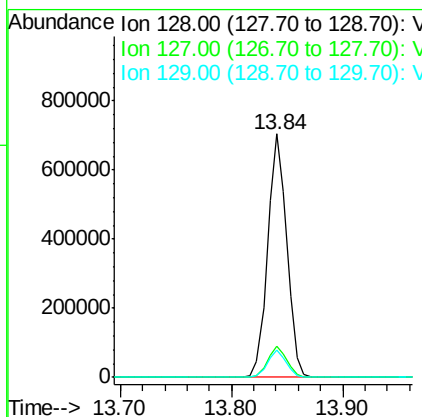
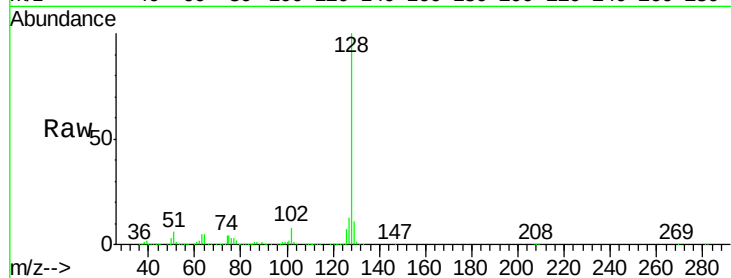
#95
Naphthalene
Concen: 49.40 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.9	8.8	13.2

Manual Integrations
APPROVED

sam
4/9/2018 2:03:36 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.79 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000745.D
Acq: 08 Apr 2018 21:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	29.3	14.9	44.9

