

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001656.D
 Acq On : 11 May 2018 22:48
 Operator : JC/MD
 Sample : J2741-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

Manual Integrations
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 5/14/2018 3:58:30 PM

Quant Time: May 12 07:27:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	328781	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	307315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152142	41.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.98%	
35) Dibromofluoromethane	5.51	113	130248	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	
50) Toluene-d8	8.72	98	451216	42.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.54%	
62) 4-Bromofluorobenzene	11.14	95	167366	40.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	147186	43.37	ug/l	99
3) Chloromethane	1.32	50	144337	43.67	ug/l	99
4) Vinyl Chloride	1.40	62	412587	119.61	ug/l	99
5) Bromomethane	1.64	94	68339	42.79	ug/l	100
6) Chloroethane	1.72	64	108187	47.45	ug/l	100
7) Trichlorofluoromethane	1.93	101	237252	45.70	ug/l	100
8) Diethyl Ether	2.19	74	96792	47.57	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137884	45.30	ug/l	99
10) Methyl Iodide	2.51	142	165686	37.73	ug/l	99
11) Tert butyl alcohol	3.09	59	173223	226.74	ug/l	99
12) 1,1-Dichloroethene	2.37	96	135705	48.65	ug/l	98
13) Acrolein	2.30	56	24687	159.70	ug/l	97
14) Allyl chloride	2.73	41	245464	47.19	ug/l	98
15) Acrylonitrile	3.15	53	418338	242.32	ug/l	100
16) Acetone	2.45	43	351725	213.76	ug/l	97
17) Carbon Disulfide	2.57	76	305834	43.08	ug/l	99
18) Methyl Acetate	2.78	43	218658	50.58	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	469902	48.38	ug/l	98
20) Methylene Chloride	2.86	84	148438	45.56	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	143747	46.17	ug/l	98
22) Diisopropyl ether	3.88	45	477300	49.11	ug/l	99
23) Vinyl Acetate	3.83	43	1857303	229.32	ug/l	99
24) 1,1-Dichloroethane	3.70	63	275386	50.73	ug/l	100
25) 2-Butanone	4.72	43	564880	237.50	ug/l	99
26) 2,2-Dichloropropane	4.59	77	173340	41.35	ug/l #	1
27) cis-1,2-Dichloroethene	4.60	96	2908042	877.06	ug/l	85
28) Bromochloromethane	5.03	49	116889	49.66	ug/l	99
29) Tetrahydrofuran	5.18	42	366280	240.69	ug/l	100
30) Chloroform	5.22	83	279515	49.98	ug/l	98
31) Cyclohexane	5.58	56	216118	46.35	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	247518	50.64	ug/l	100
36) 1,1-Dichloropropene	5.81	75	192542	46.04	ug/l	99
37) Ethyl Acetate	4.87	43	205153	44.75	ug/l #	81
38) Carbon Tetrachloride	5.79	117	222888	49.97	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	222667	45.03	ug/l	97
40) Benzene	6.15	78	594772	48.69	ug/l	99
41) Methacrylonitrile	5.07	41	126120	48.08	ug/l	99
42) 1,2-Dichloroethane	6.20	62	224683	47.86	ug/l	100
43) Isopropyl Acetate	6.48	43	338068	48.04	ug/l	99
44) Trichloroethene	7.22	130	180631	48.38	ug/l	99
45) 1,2-Dichloropropane	7.52	63	152529	50.09	ug/l	99
46) Dibromomethane	7.67	93	104814	48.62	ug/l	99
47) Bromodichloromethane	7.90	83	208219	52.19	ug/l	98
48) Methyl methacrylate	7.79	41	189451	49.44	ug/l	99
49) 1,4-Dioxane	7.76	88	72310	873.38	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1181252	252.58	ug/l	99
52) Toluene	8.79	92	390805	48.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	227125	50.37	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	206718	44.60	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	158481	49.25	ug/l	98
56) Ethyl methacrylate	9.19	69	228891	49.34	ug/l	98
57) 1,3-Dichloropropane	9.38	76	256543	48.21	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	471	0.21	ug/l #	43
59) 2-Hexanone	9.51	43	860440	240.27	ug/l	99
60) Dibromochloromethane	9.59	129	170922	51.87	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164751	48.76	ug/l	99
64) Tetrachloroethene	9.34	164	195612	45.67	ug/l	97
65) Chlorobenzene	10.15	112	436019	48.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	166966	51.79	ug/l	99
67) Ethyl Benzene	10.26	91	716015	48.47	ug/l	99
68) m/p-Xylenes	10.37	106	571435	97.90	ug/l	99
69) o-Xylene	10.71	106	280156	49.39	ug/l	99
70) Styrene	10.72	104	462782	50.22	ug/l	99
71) Bromoform	10.87	173	139429	45.33	ug/l	99
73) Isopropylbenzene	11.02	105	748392	50.39	ug/l	100
74) N-amyl acetate	6.48	43	338068	50.11	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	232580	53.02	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	217665m	50.03	ug/l	
77) Bromobenzene	11.26	156	214549	49.69	ug/l	99
78) n-propylbenzene	11.37	91	818167	50.59	ug/l	100
79) 2-Chlorotoluene	11.43	91	496390	49.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	618673	50.03	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	59387	44.07	ug/l	98
82) 4-Chlorotoluene	11.52	91	571036	49.74	ug/l	100
83) tert-Butylbenzene	11.77	119	648141	52.68	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	642681	50.57	ug/l	99
85) sec-Butylbenzene	11.95	105	755365	51.15	ug/l	100
86) p-Isopropyltoluene	12.07	119	689109	50.87	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	379328	49.14	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	383320	48.69	ug/l	100
89) n-Butylbenzene	12.40	91	549676	48.97	ug/l	100
90) Hexachloroethane	12.60	117	112370	55.09	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	388641	49.49	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52100	54.06	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286521	49.86	ug/l	99
94) Hexachlorobutadiene	13.79	225	150206	47.77	ug/l	99
95) Naphthalene	13.84	128	849515	53.45	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299593	50.81	ug/l	100

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

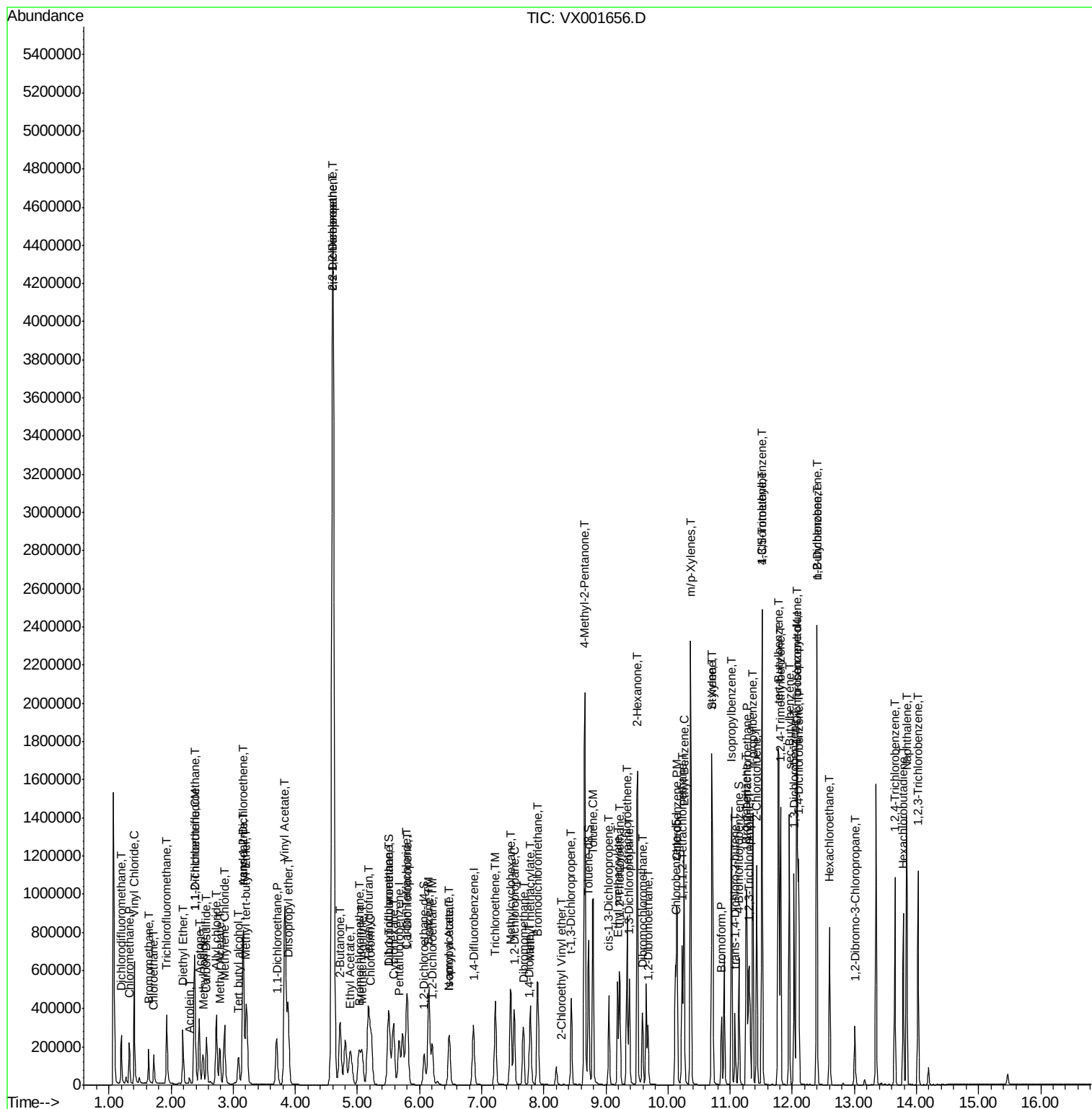
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
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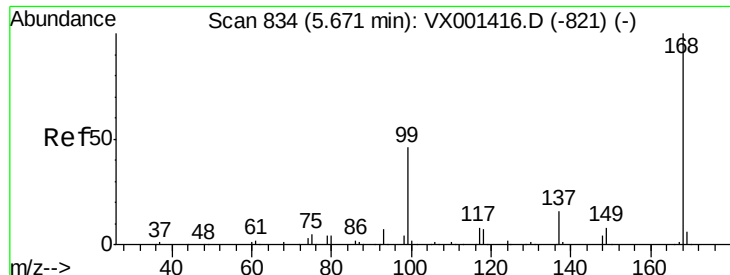
Instrument :
 MSVOA_X
 ClientSampleID :
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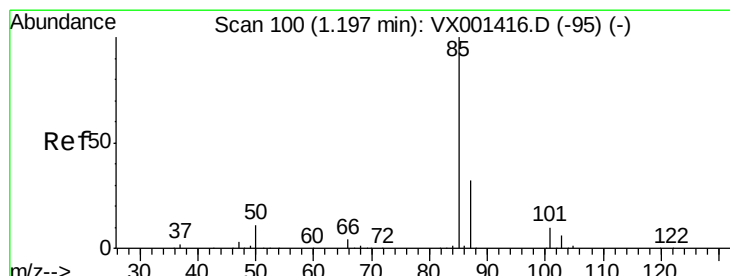
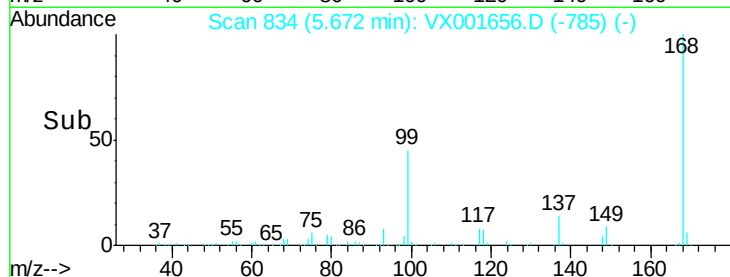
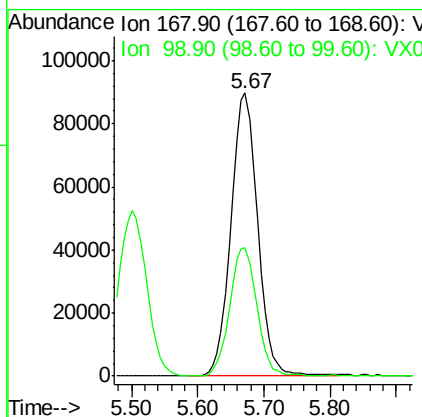
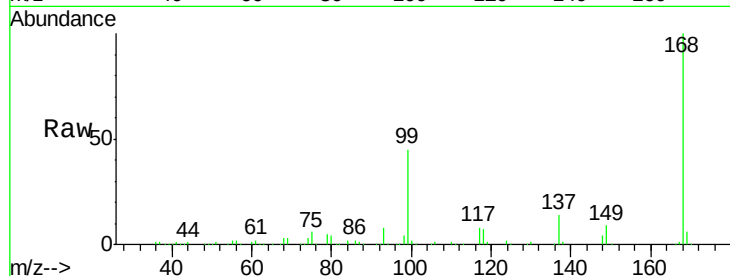
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	252106		
99	45.3	36.6	54.8	

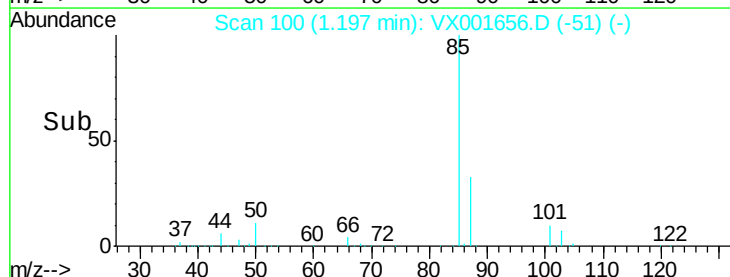
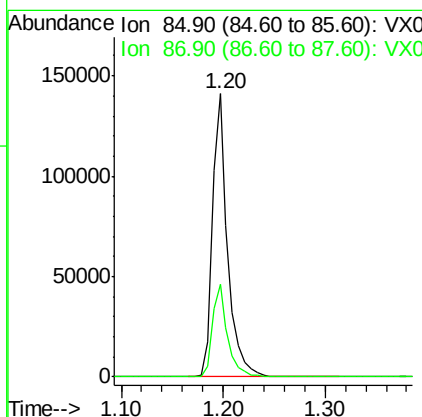
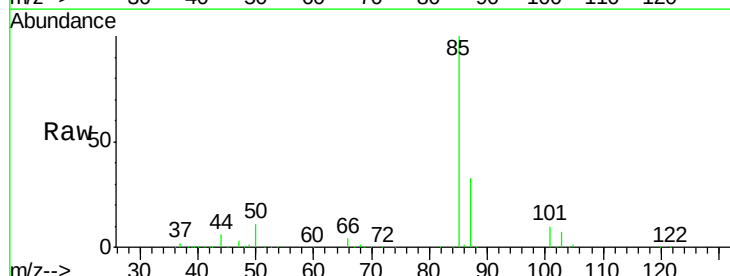
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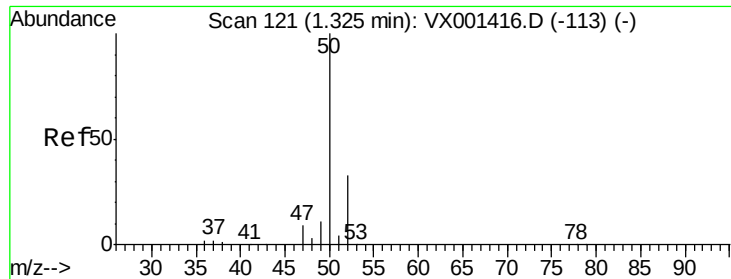
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#2
Dichlorodifluoromethane
Concen: 43.37 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	147186		
87	32.7	16.2	48.6	





#3

Chloromethane

Concen: 43.67 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion: 50 Resp: 144337

Ion Ratio Lower Upper

50 100

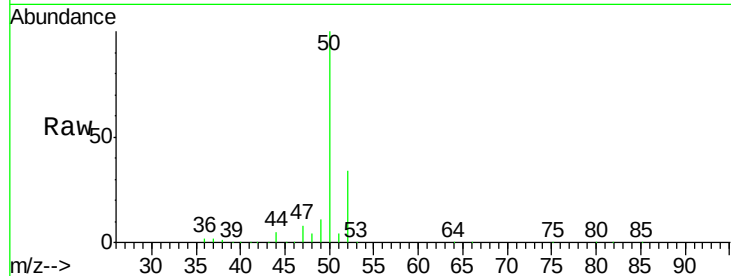
52 33.6 26.2 39.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

150000

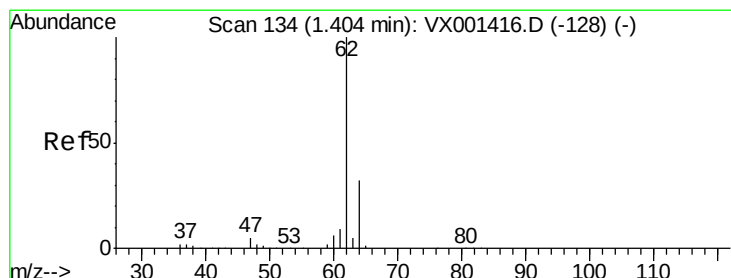
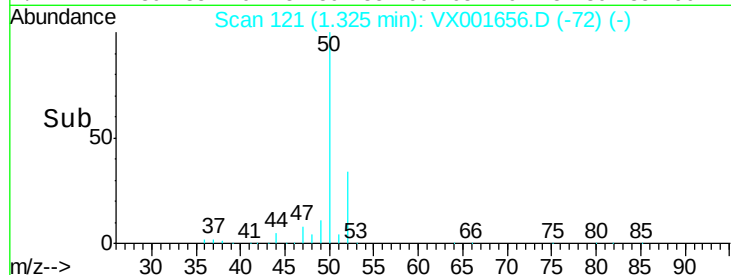
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50000

0

1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 119.61 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001656.D

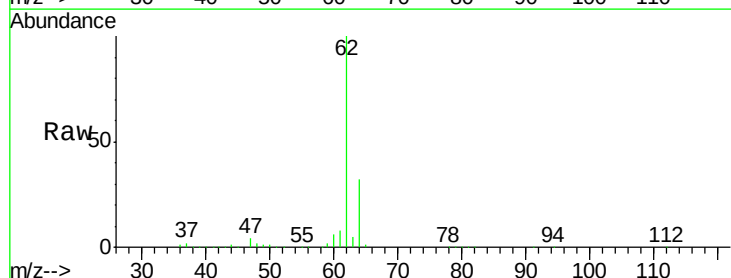
Acq: 11 May 2018 22:48

Tgt Ion: 62 Resp: 412587

Ion Ratio Lower Upper

62 100

64 31.9 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

400000

300000

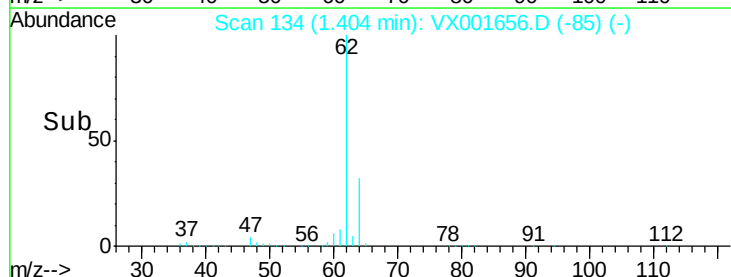
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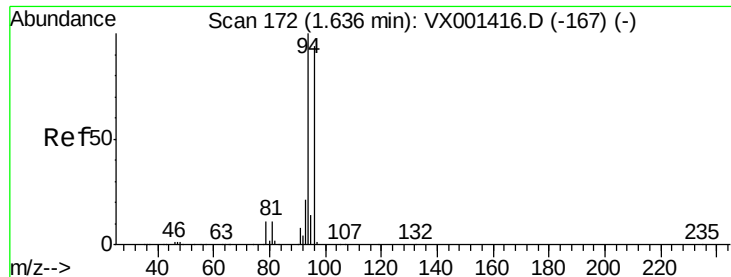
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0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 42.79 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion: 94 Resp: 68339

Ion Ratio Lower Upper

94 100

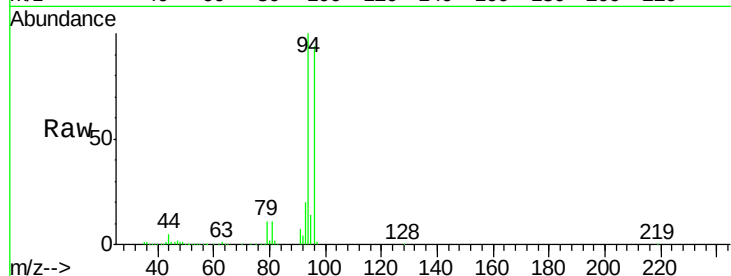
96 93.7 75.0 112.6

Manual Integrations

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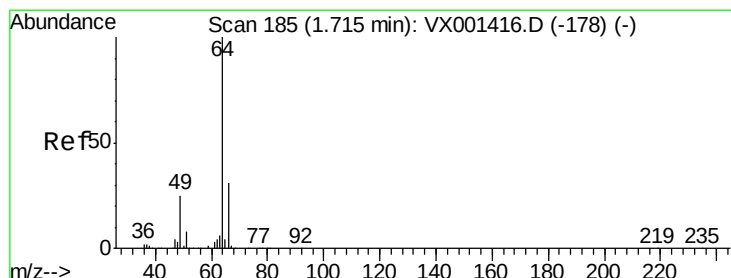
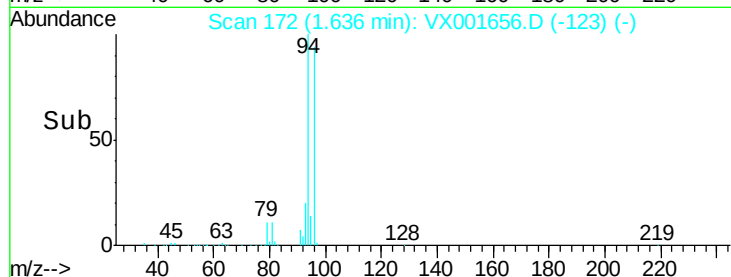
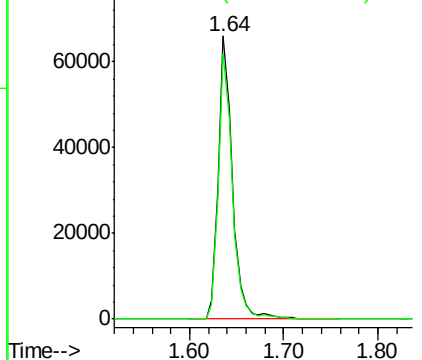
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.45 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX001656.D

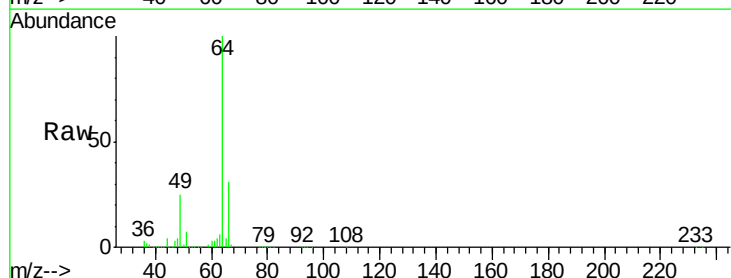
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Tgt Ion: 64 Resp: 108187

Ion Ratio Lower Upper

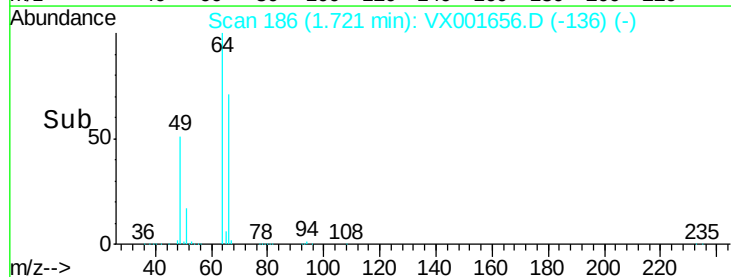
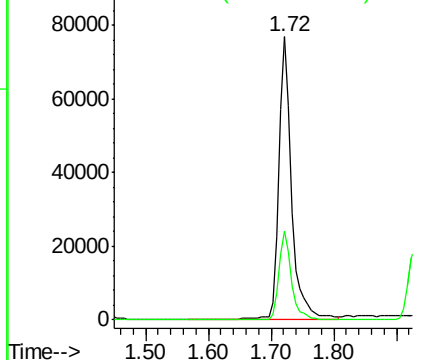
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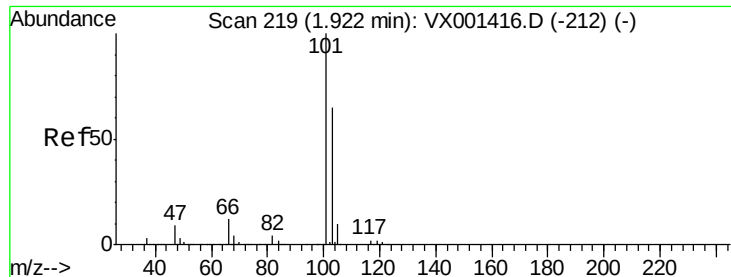
66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

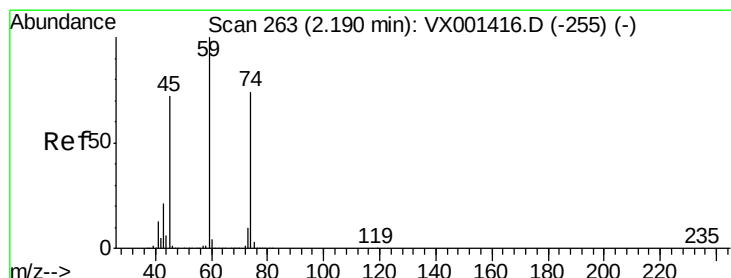
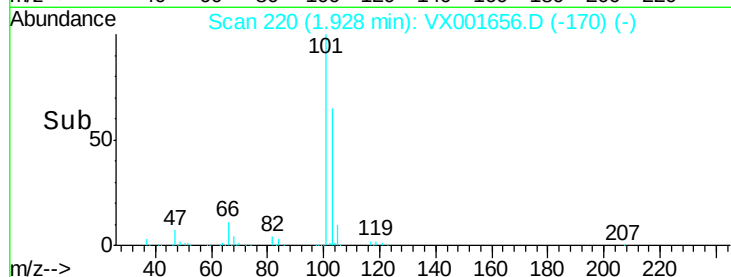
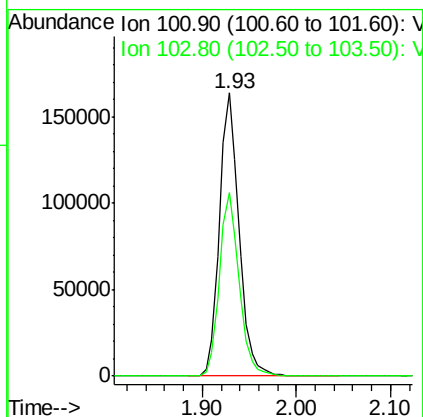
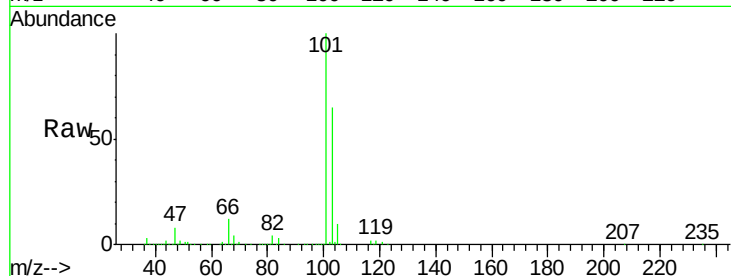
Trichlorofluoromethane
 Concen: 45.70 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.0	78.0

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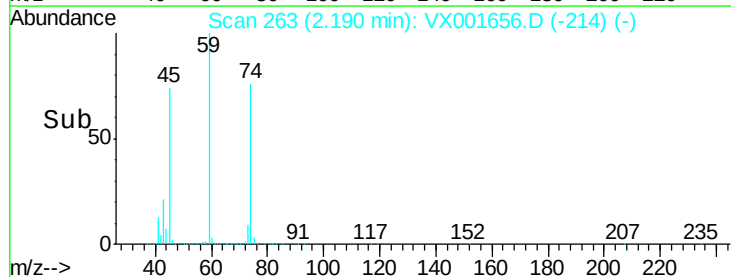
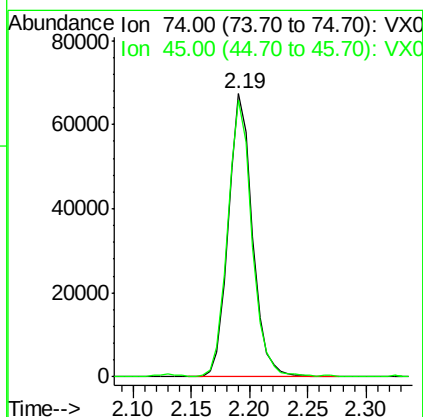
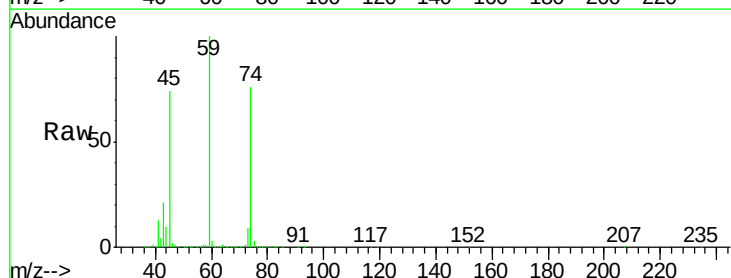
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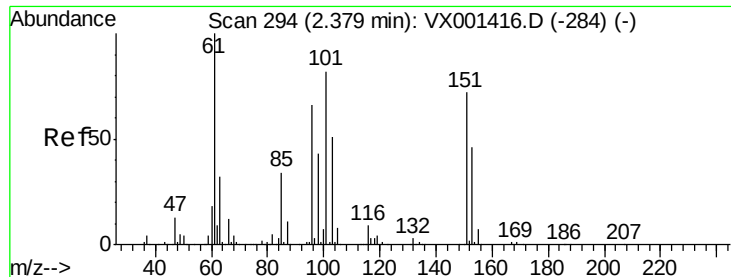


#8

Diethyl Ether
 Concen: 47.57 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	47.9	143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.30 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

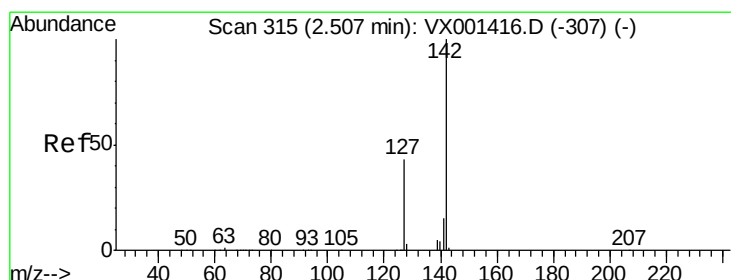
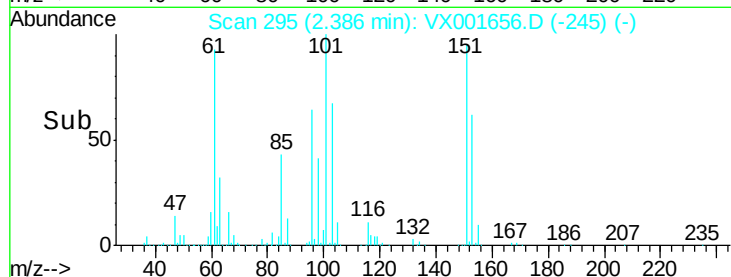
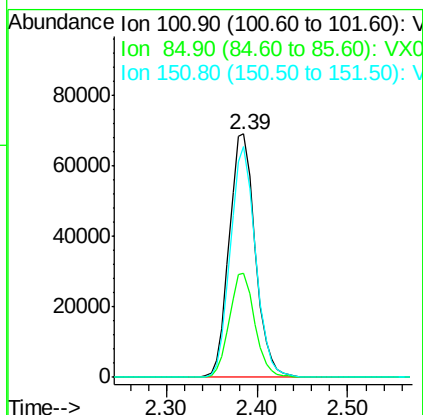
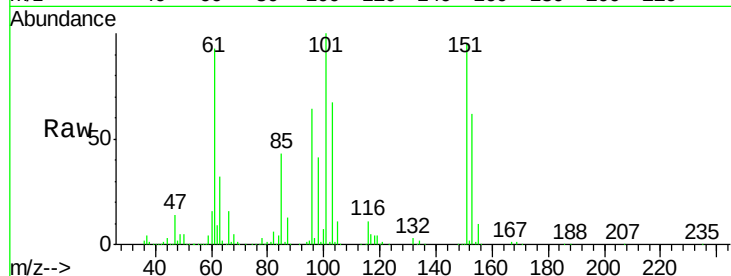
ClientSampleId :

J2741-07MSDMSD

Tot Ion:	101	Resp:	137884
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	91.6	72.3	108.5

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#10

Methyl Iodide

Concen: 37.73 ug/l

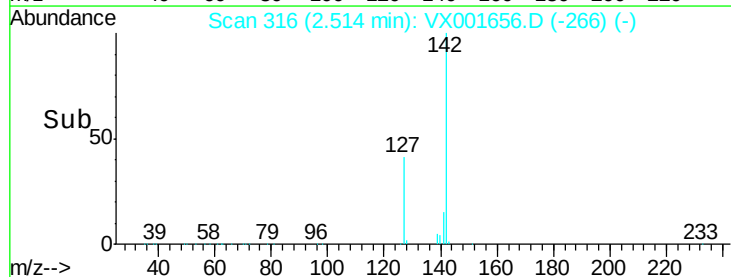
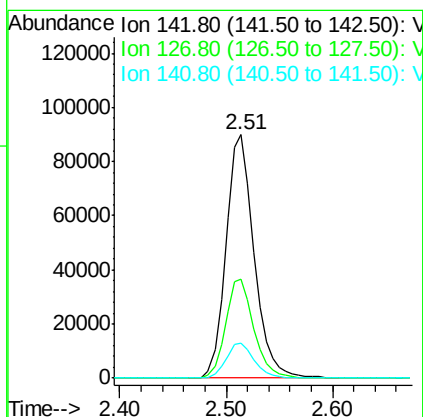
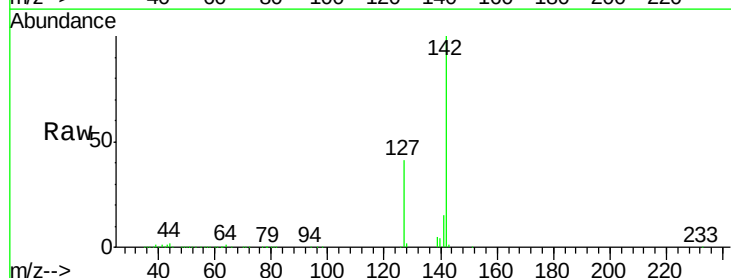
RT: 2.51 min Scan# 316

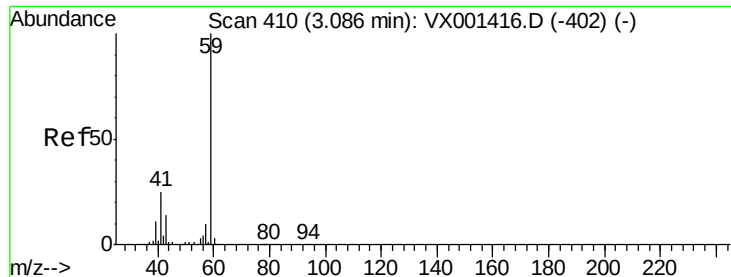
Delta R.T. 0.01 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:	142	Resp:	165686
Ion Ratio	Lower	Upper	
142	100		
127	41.1	33.6	50.4
141	14.4	11.4	17.2





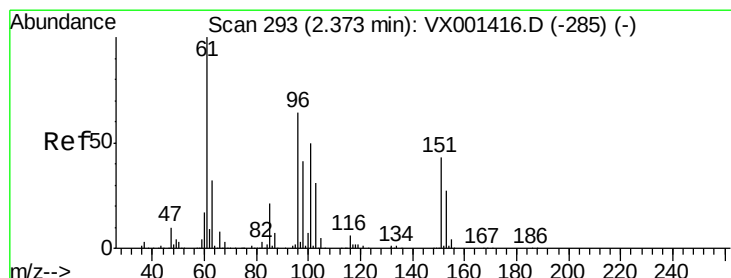
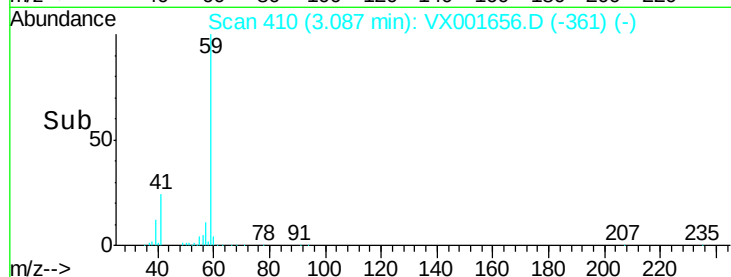
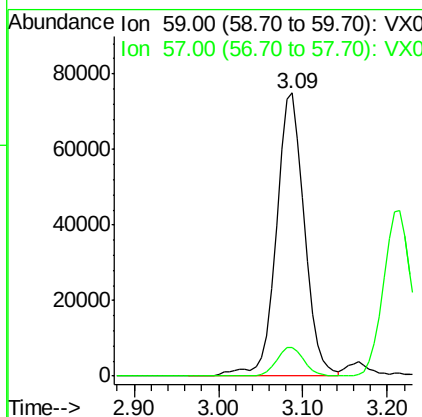
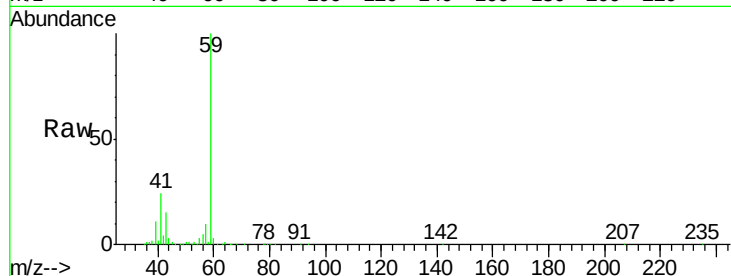
#11
Tert butyl alcohol
Concen: 226.74 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion: 59 Resp: 173223
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.4

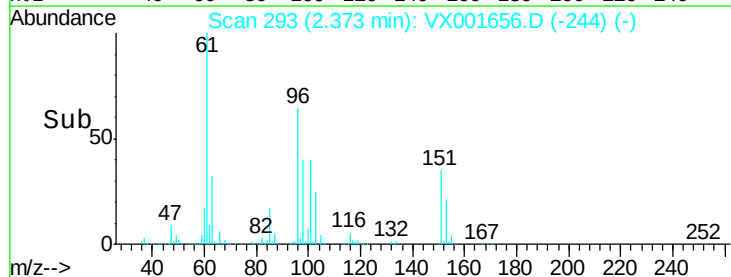
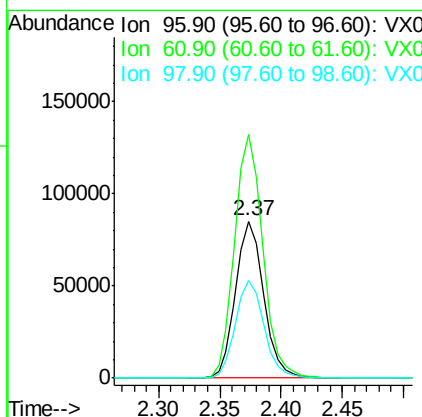
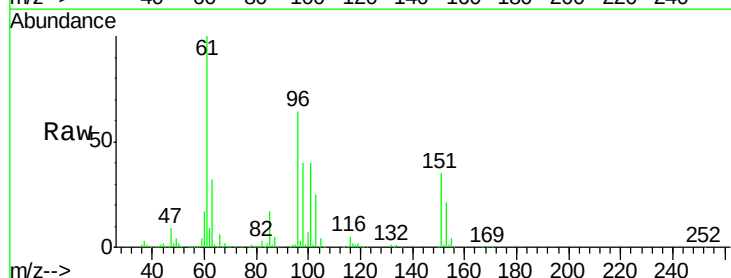
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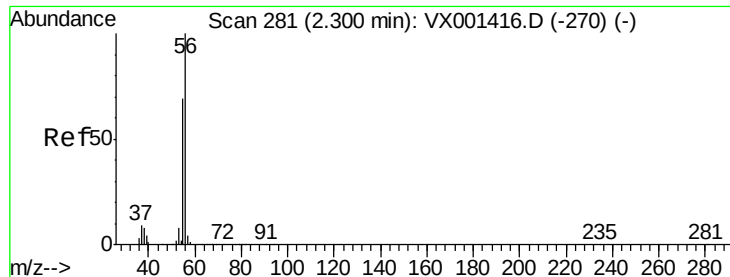
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#12
1,1-Dichloroethene
Concen: 48.65 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 96 Resp: 135705
Ion Ratio Lower Upper
96 100
61 155.1 125.7 188.5
98 62.4 52.0 78.0





#13

Acrolein

Concen: 159.70 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion: 56 Resp: 24687

Ion Ratio Lower Upper

56 100

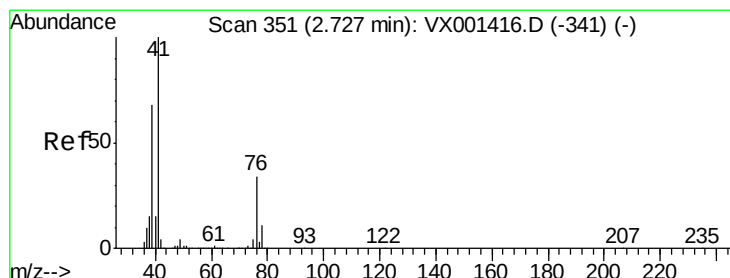
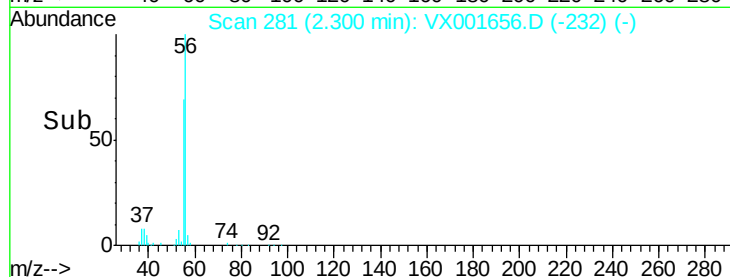
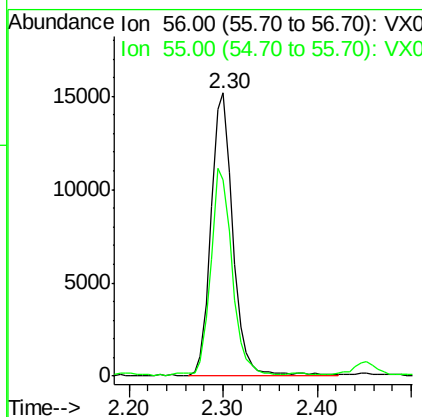
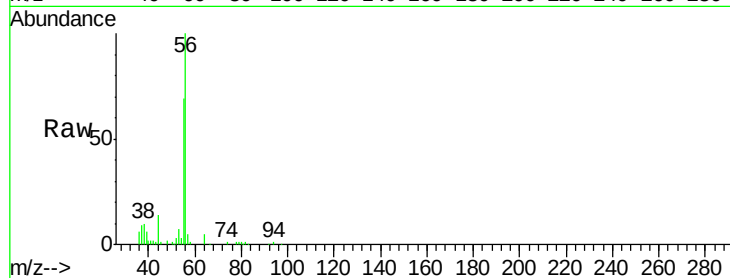
55 70.4 54.5 81.7

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#14

Allyl chloride

Concen: 47.19 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

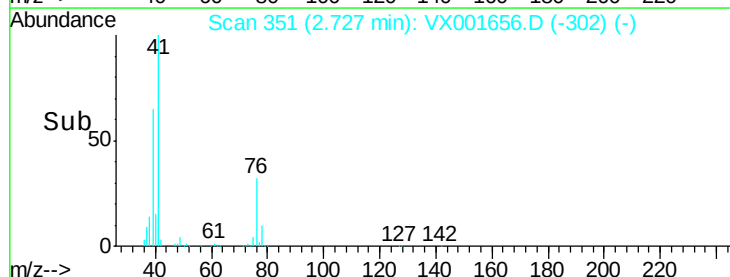
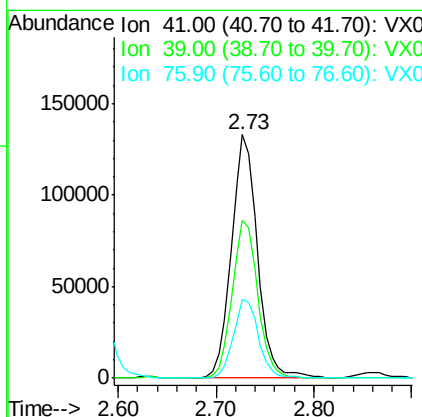
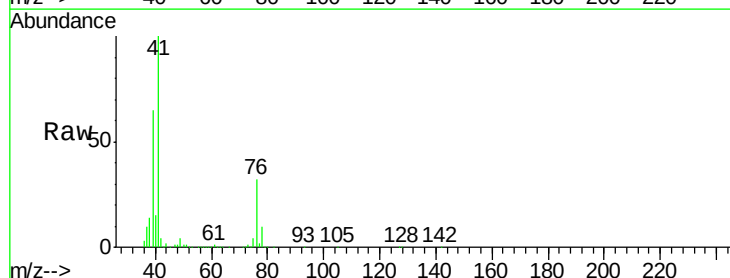
Tgt Ion: 41 Resp: 245464

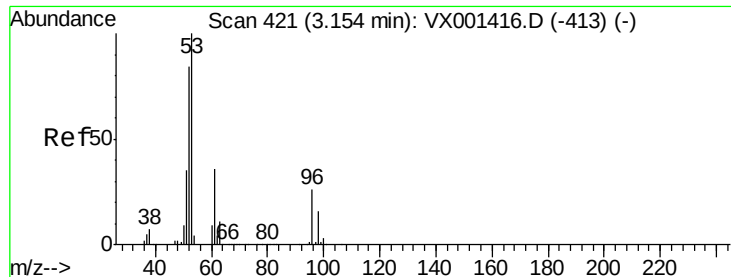
Ion Ratio Lower Upper

41 100

39 63.4 52.4 78.6

76 31.2 25.8 38.6





#15

Acrylonitrile

Concen: 242.32 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

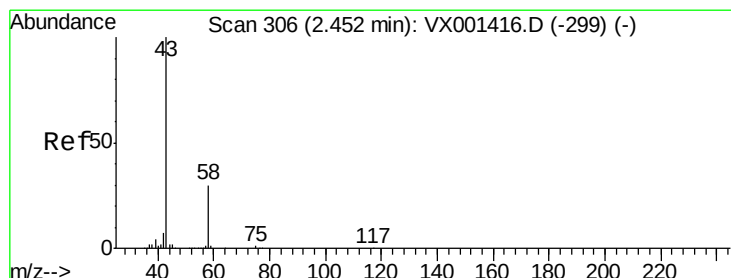
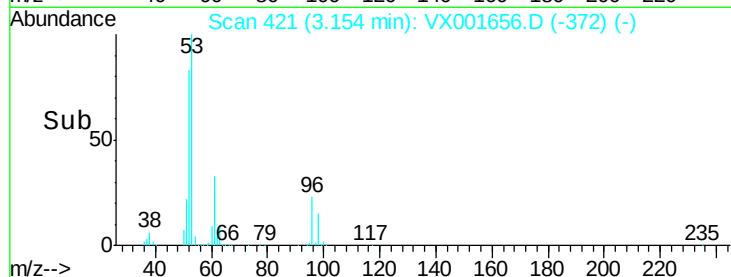
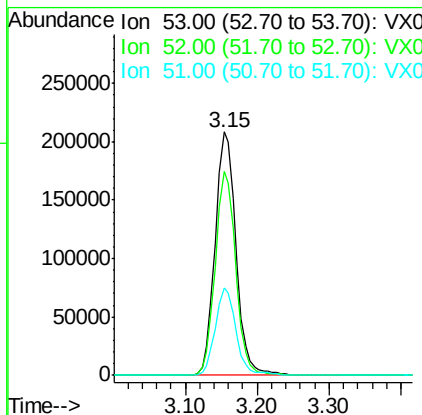
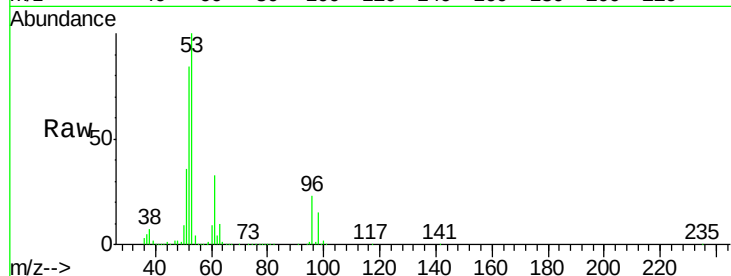
ClientSampleId :

J2741-07MSDMSD

Tot Ion:	53	Resp:	418338
Ion Ratio		Lower	Upper
53	100		
52	82.1	66.2	99.2
51	35.8	28.6	43.0

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#16

Acetone

Concen: 213.76 ug/l

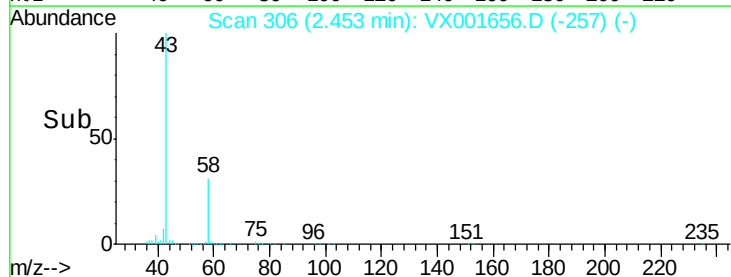
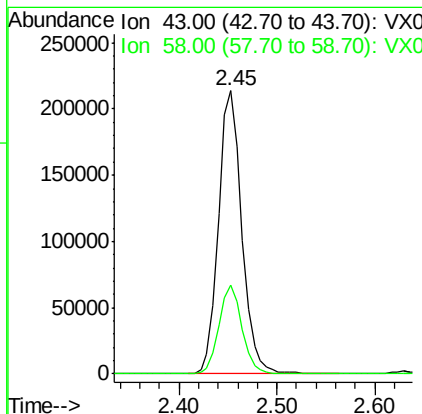
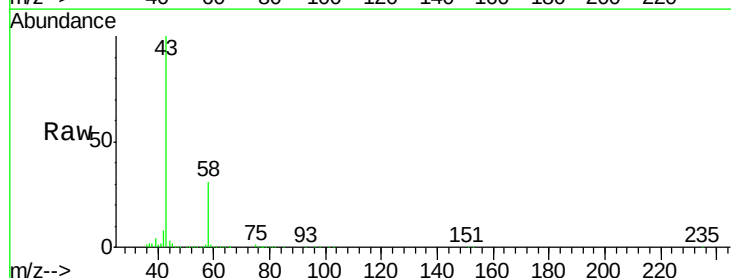
RT: 2.45 min Scan# 306

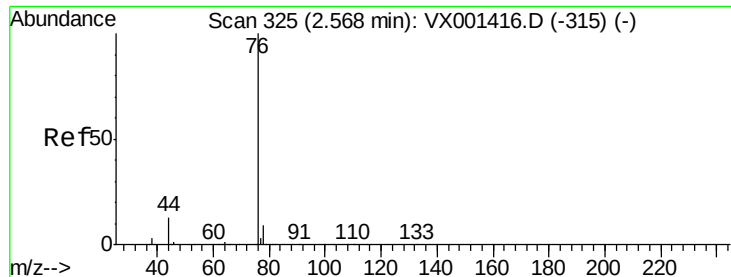
Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:	43	Resp:	351725
Ion Ratio		Lower	Upper
43	100		
58	31.3	23.8	35.8





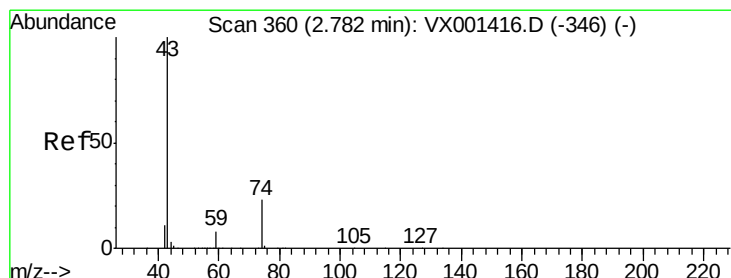
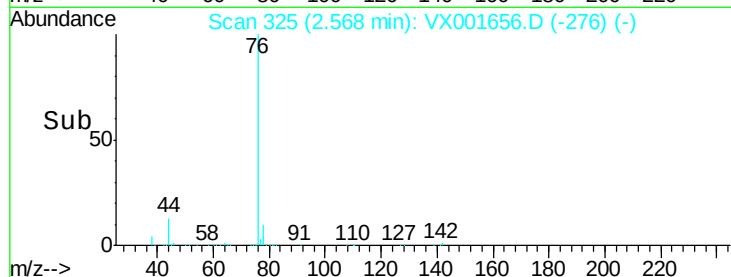
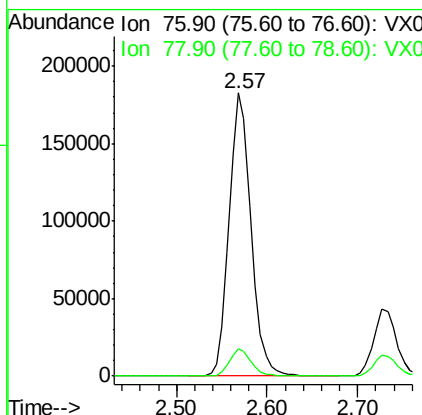
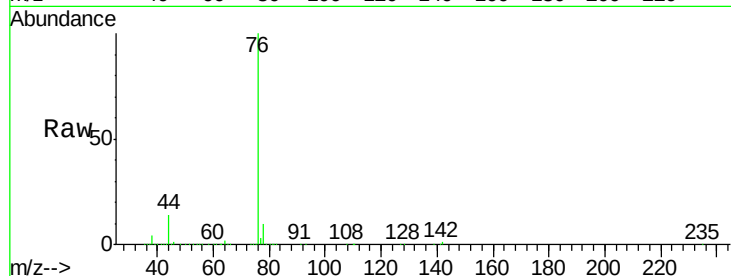
#17
Carbon Disulfide
Concen: 43.08 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.4	11.2

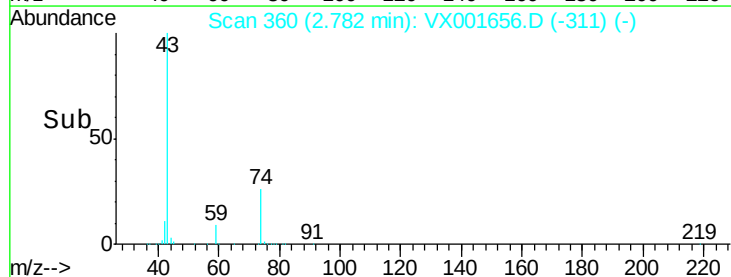
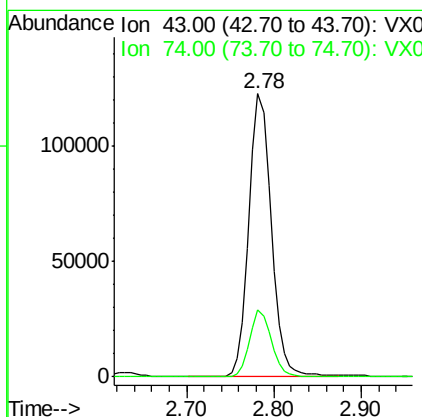
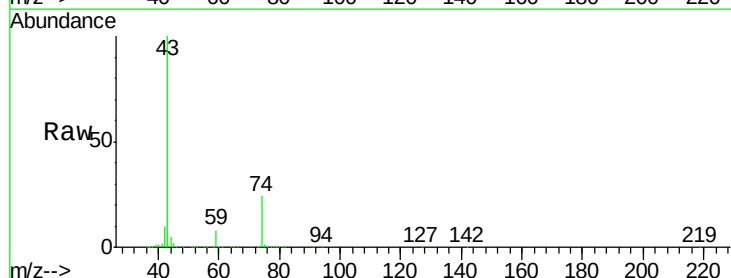
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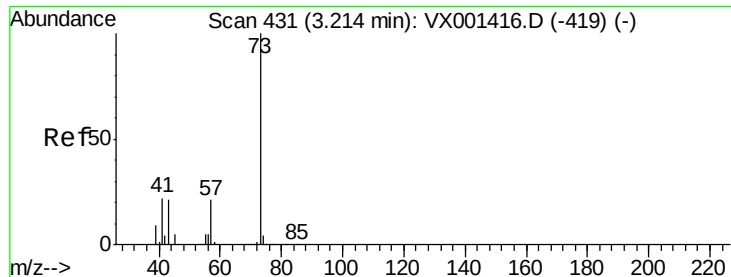
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#18
Methyl Acetate
Concen: 50.58 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.6	27.8





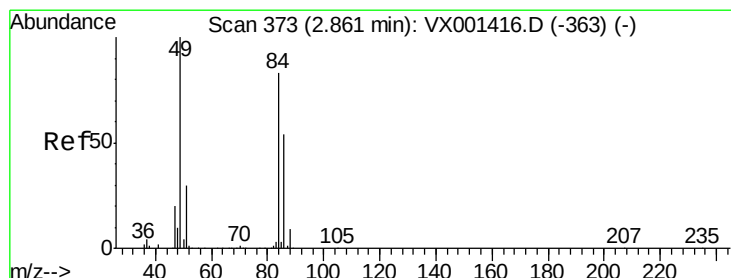
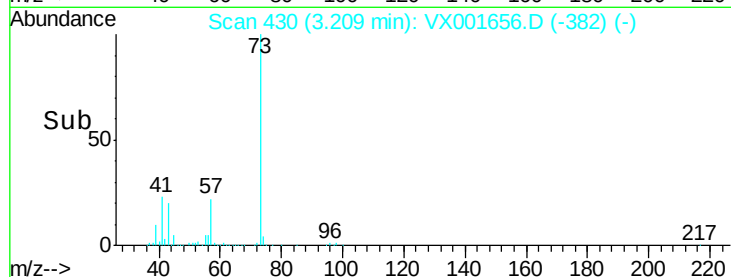
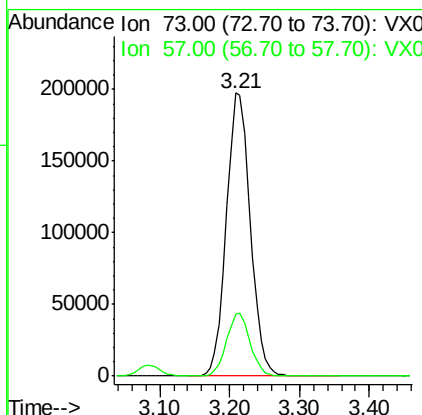
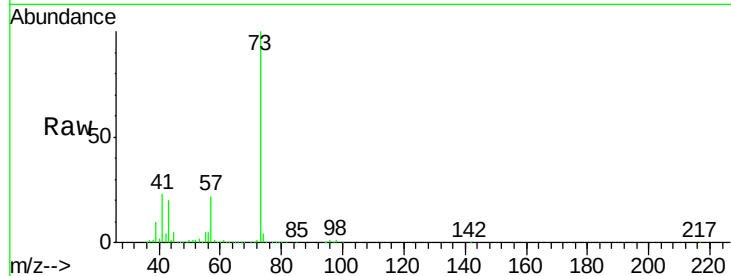
#19
Methyl tert-butyl Ether
Concen: 48.38 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion: 73 Resp: 469902
Ion Ratio Lower Upper
73 100
57 22.0 17.0 25.6

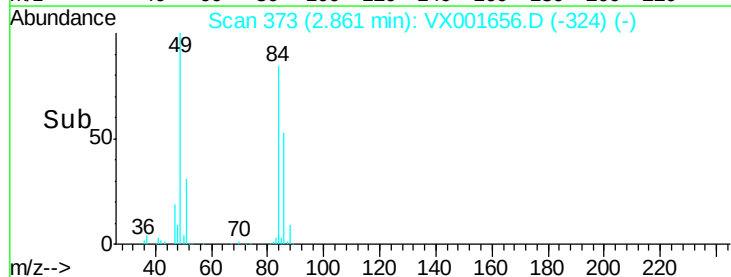
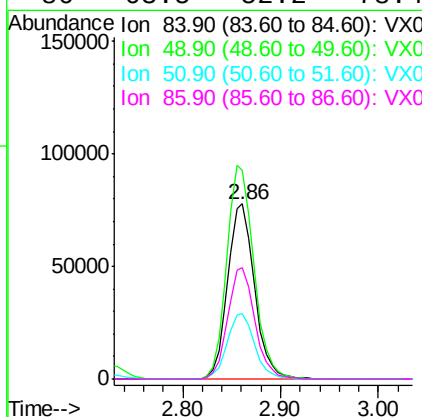
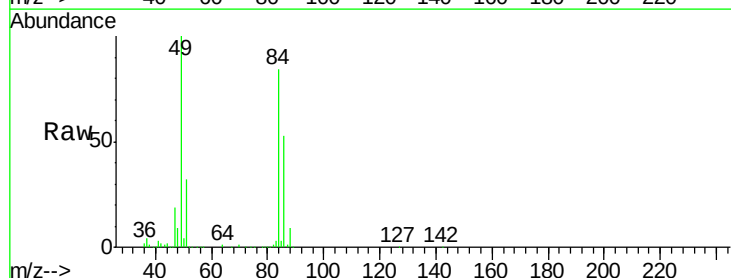
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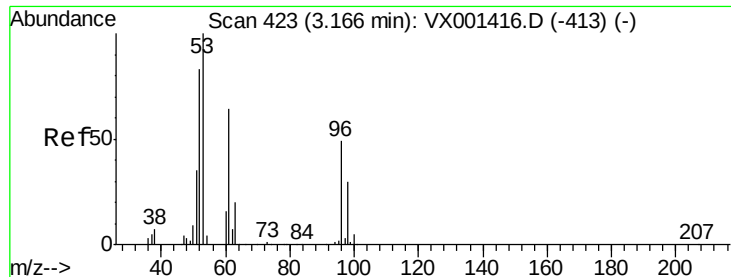
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#20
Methylene Chloride
Concen: 45.56 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 84 Resp: 148438
Ion Ratio Lower Upper
84 100
49 118.9 96.6 144.8
51 37.4 29.0 43.4
86 63.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 46.17 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

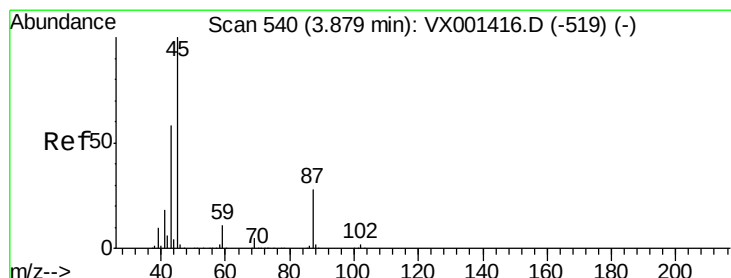
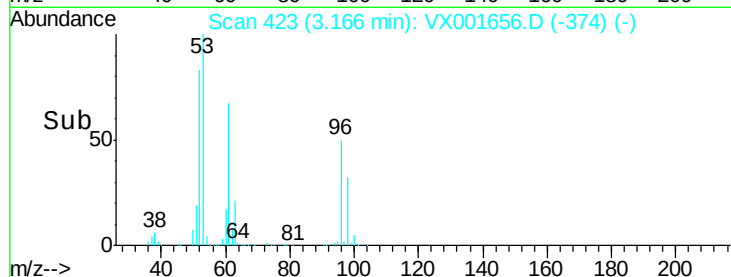
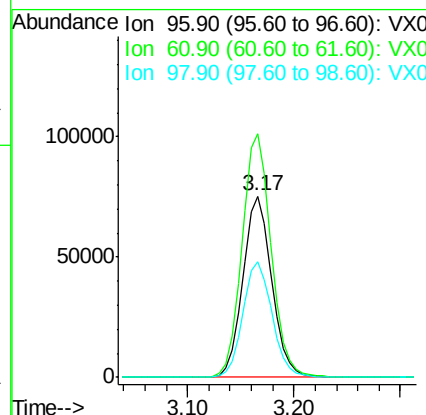
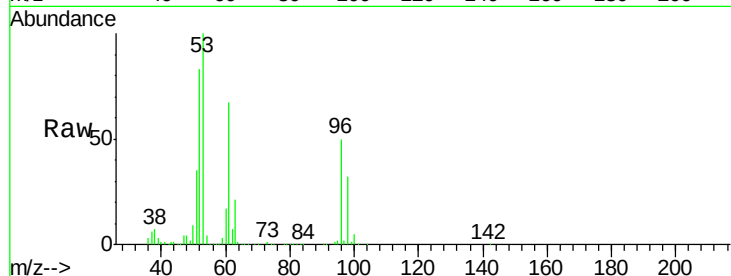
ClientSampleId :

J2741-07MSDMSD

Tot Ion:	96	Resp:	143747
Ion	Ratio	Lower	Upper
96	100		
61	134.3	105.0	157.4
98	63.6	49.9	74.9

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#22

Diisopropyl ether

Concen: 49.11 ug/l

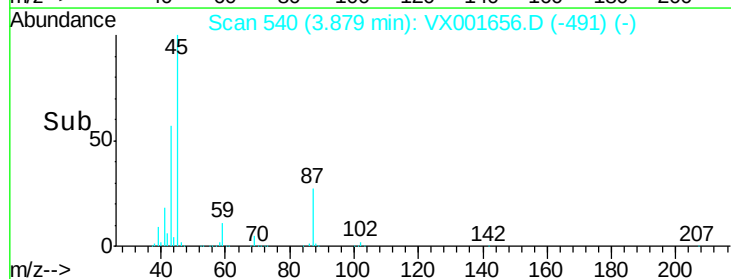
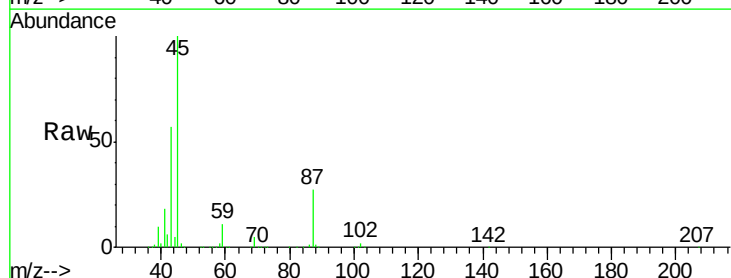
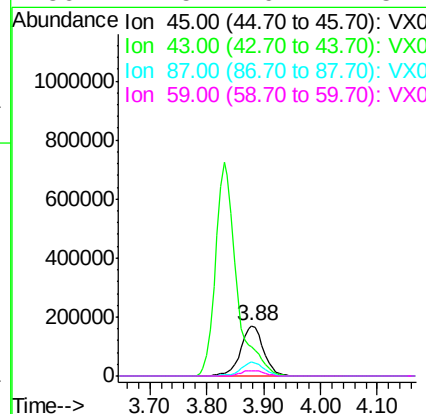
RT: 3.88 min Scan# 540

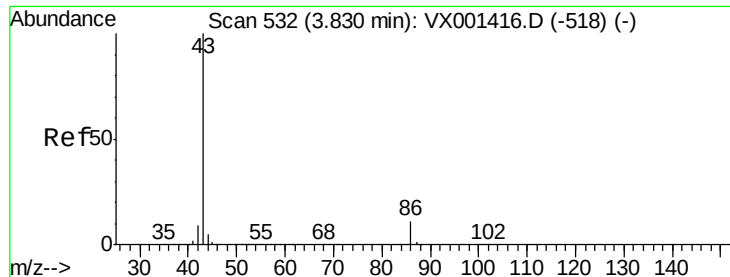
Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:	45	Resp:	477300
Ion	Ratio	Lower	Upper
45	100		
43	57.0	46.5	69.7
87	27.4	22.6	34.0
59	11.5	9.1	13.7





#23

Vinyl Acetate

Concen: 229.32 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion: 43 Resp: 1857303

Ion Ratio Lower Upper

43 100

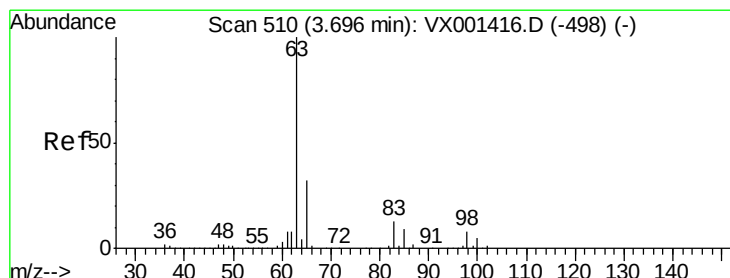
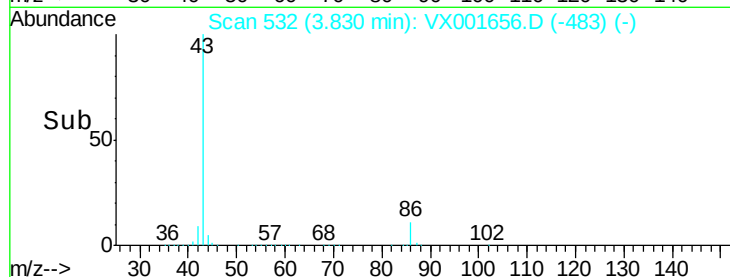
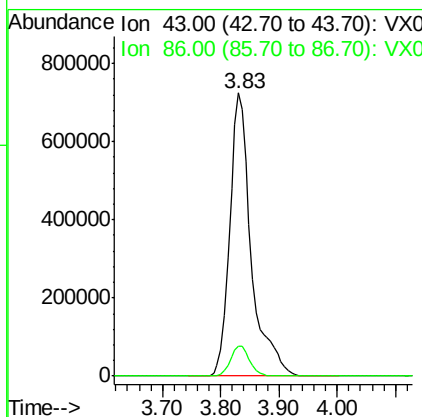
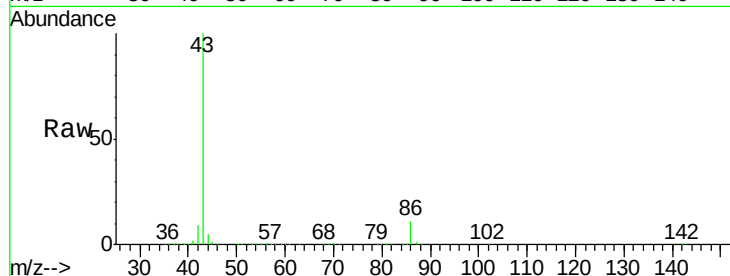
86 10.6 8.6 13.0

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#24

1,1-Dichloroethane

Concen: 50.73 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

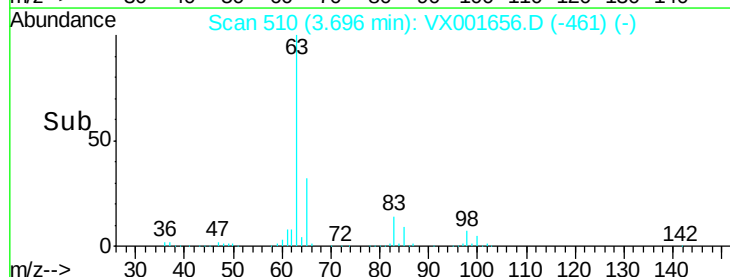
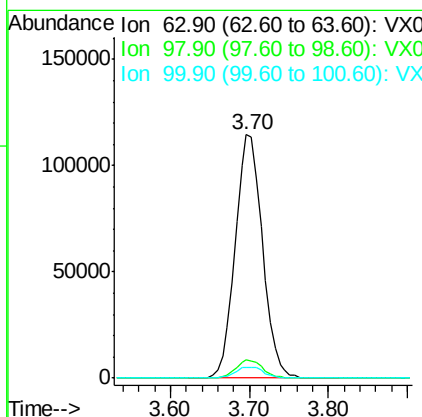
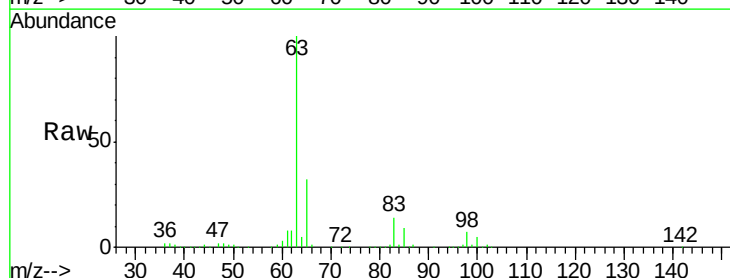
Tgt Ion: 63 Resp: 275386

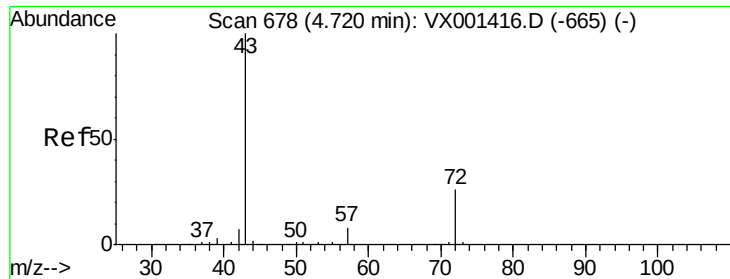
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 237.50 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion: 43 Resp: 564880

Ion Ratio Lower Upper

43 100

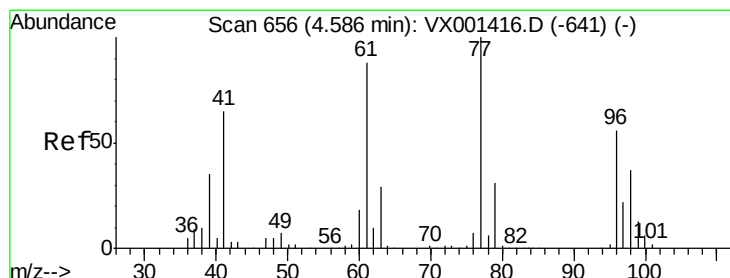
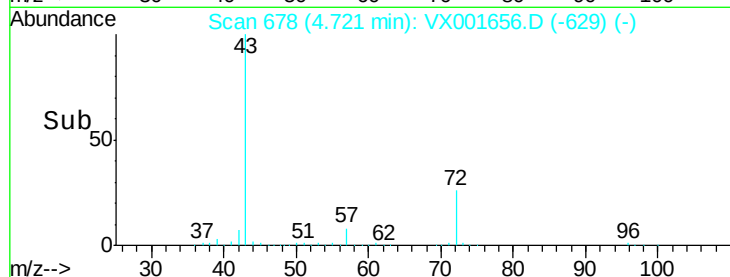
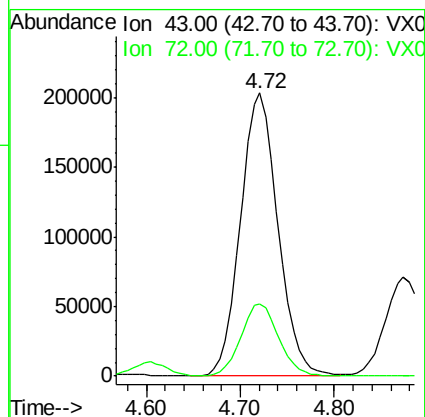
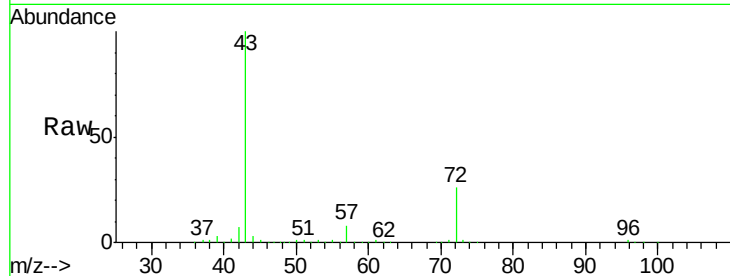
72 25.6 20.7 31.1

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#26

2,2-Dichloropropane

Concen: 41.35 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX001656.D

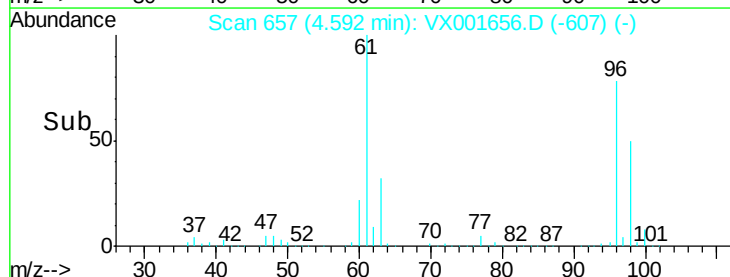
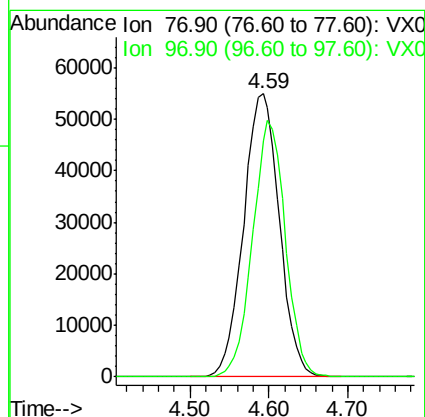
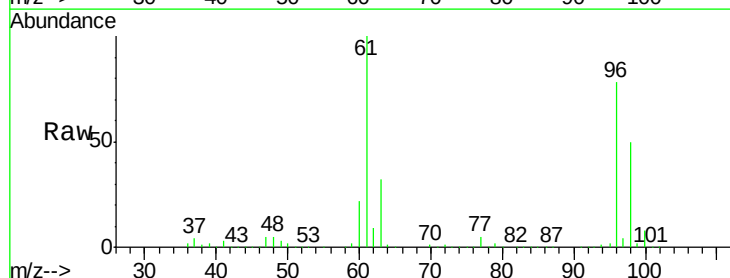
Acq: 11 May 2018 22:48

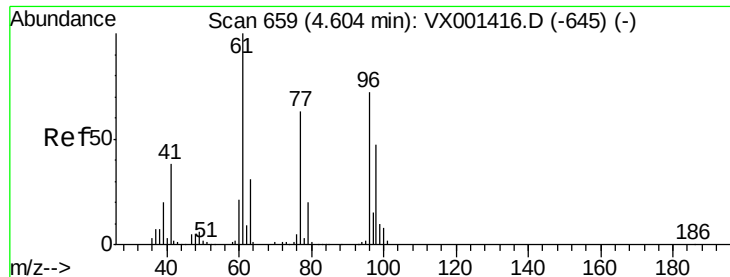
Tgt Ion: 77 Resp: 173340

Ion Ratio Lower Upper

77 100

97 82.9 11.2 33.6#





#27

cis-1,2-Dichloroethene

Concen: 877.06 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion: 96 Resp: 2908042

Ion Ratio Lower Upper

96 100

61 125.0 0.0 301.6

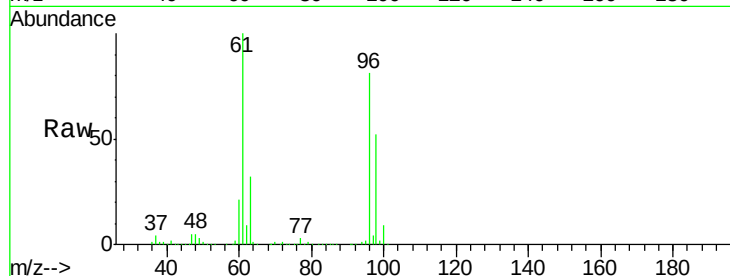
98 64.7 0.0 131.6

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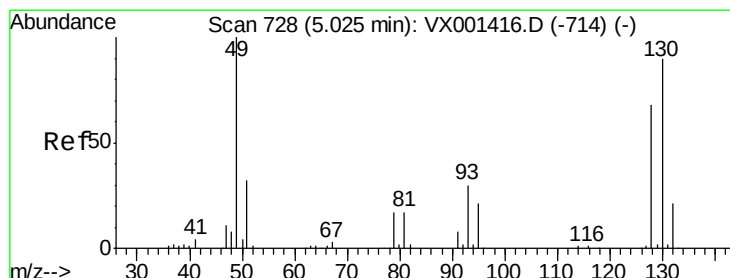
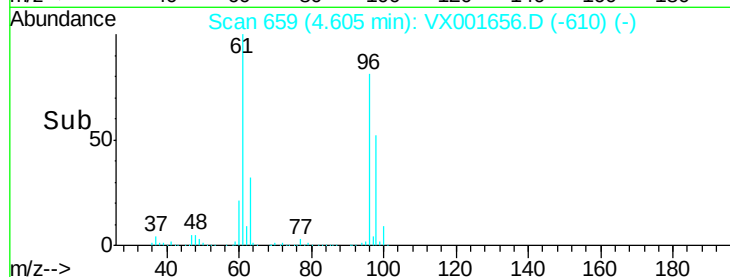
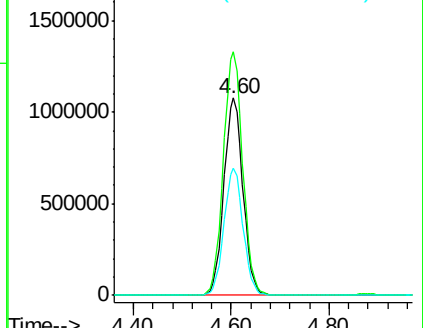
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Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 49.66 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

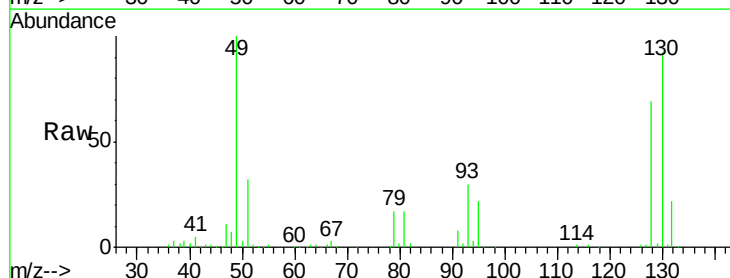
Tgt Ion: 49 Resp: 116889

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.8

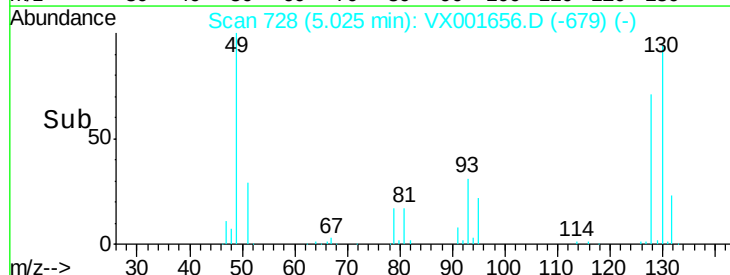
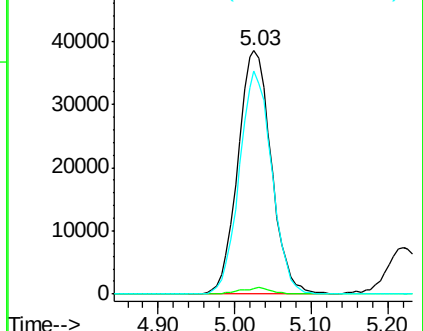
130 88.9 71.9 107.9

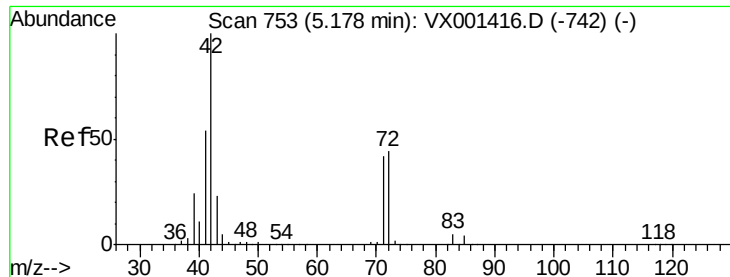


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





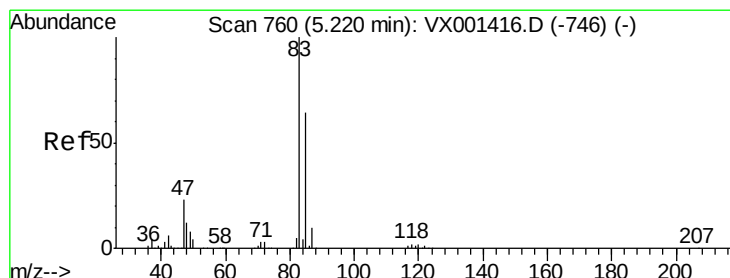
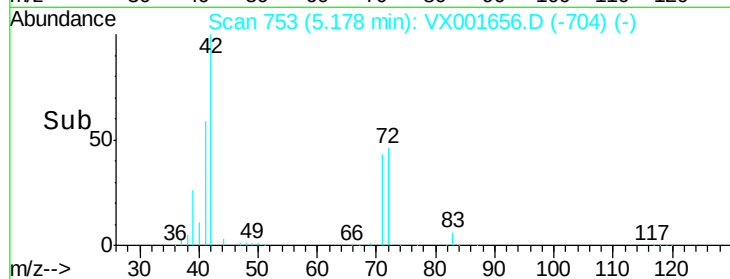
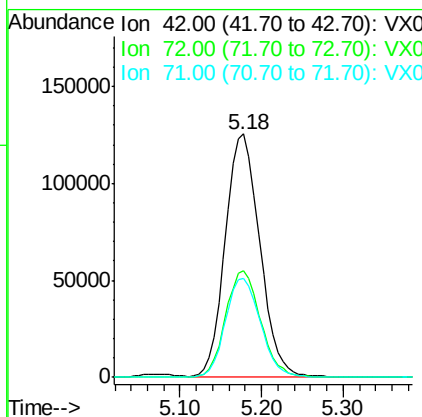
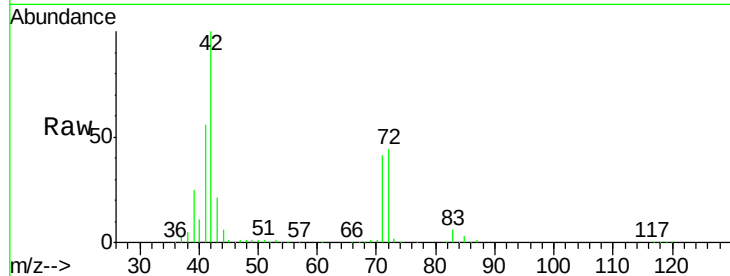
#29
Tetrahydrofuran
Concen: 240.69 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.4	53.2
71	41.4	33.0	49.4

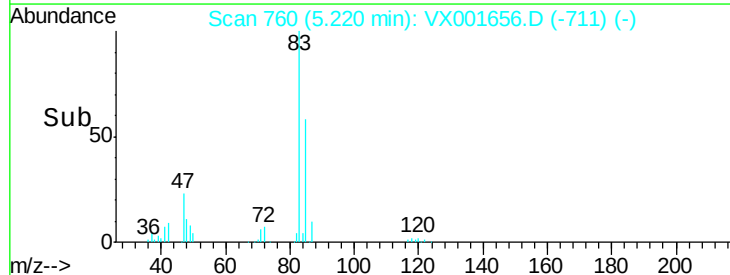
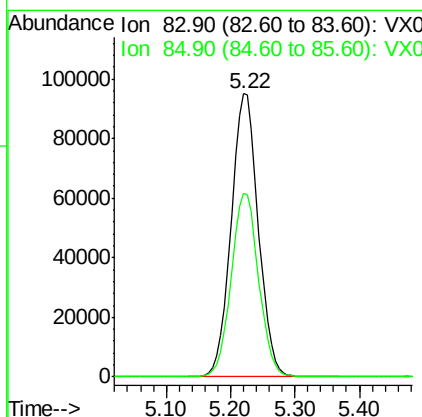
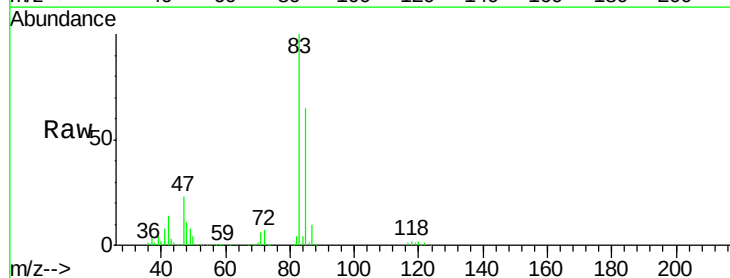
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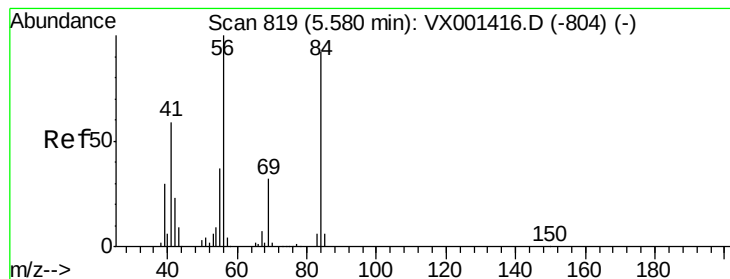
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#30
Chloroform
Concen: 49.98 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.0	76.4





#31

Cyclohexane

Concen: 46.35 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

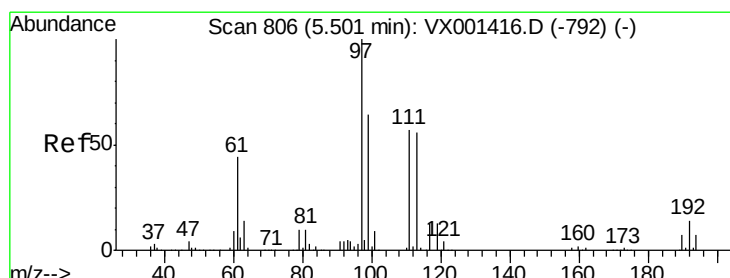
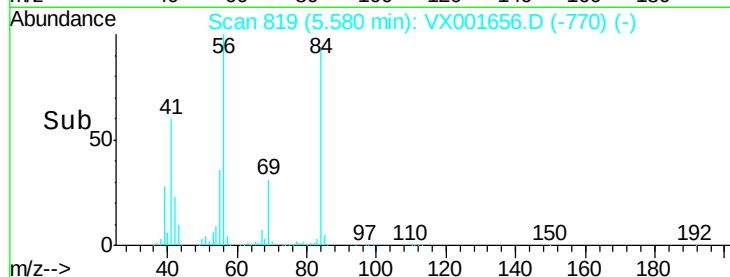
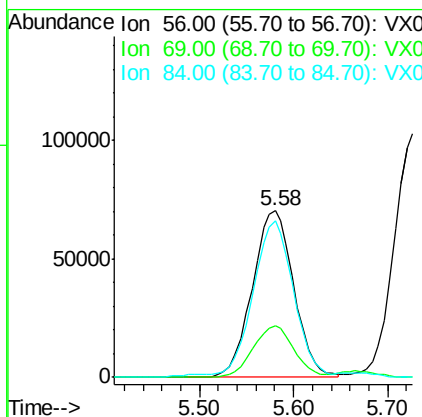
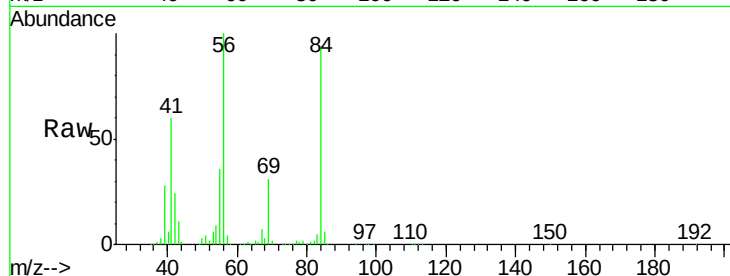
ClientSampleId :

J2741-07MSDMSD

Tot Ion:	56	Resp:	216118
Ion	Ratio	Lower	Upper
56	100		
69	31.3	25.4	38.0
84	92.3	73.8	110.8

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#32

1,1,1-Trichloroethane

Concen: 50.64 ug/l

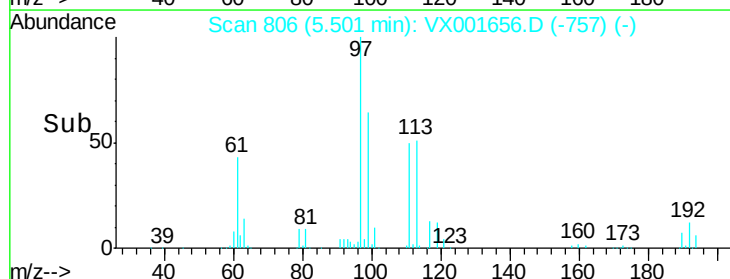
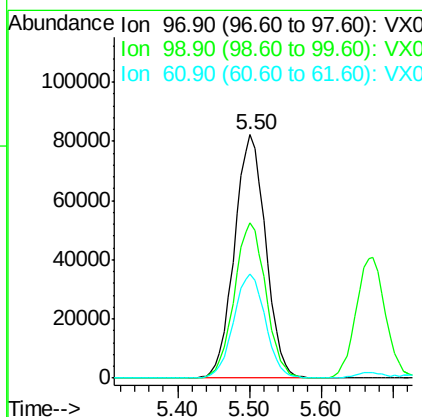
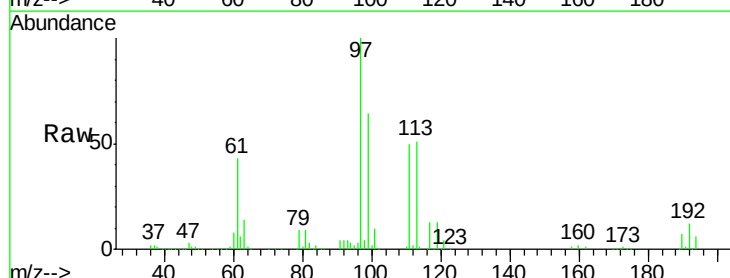
RT: 5.50 min Scan# 806

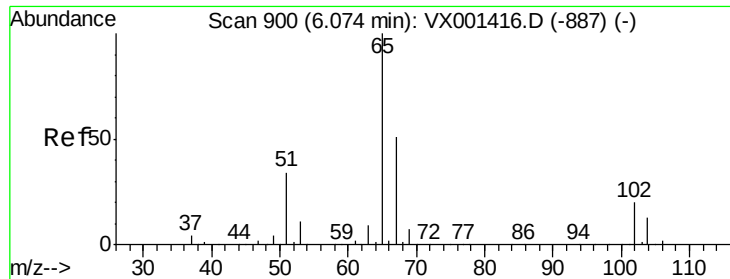
Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:	97	Resp:	247518
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	43.5	34.8	52.2





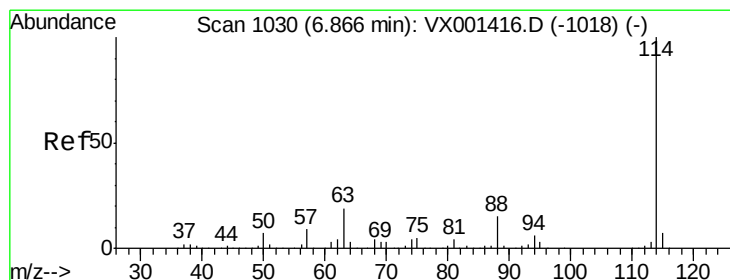
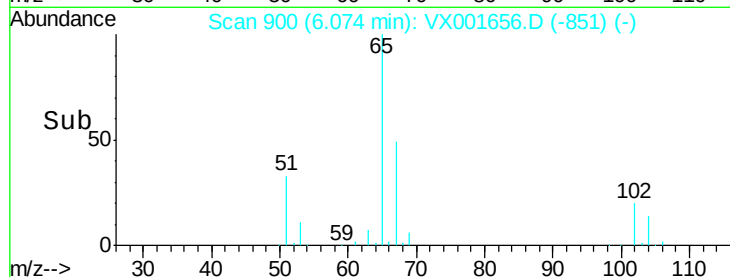
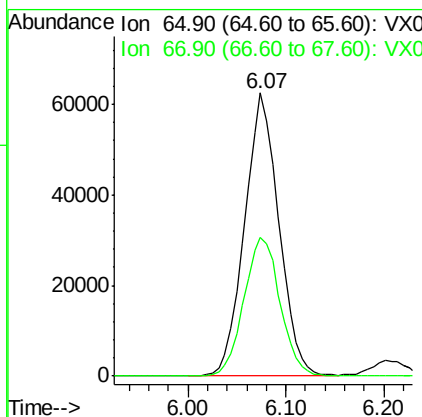
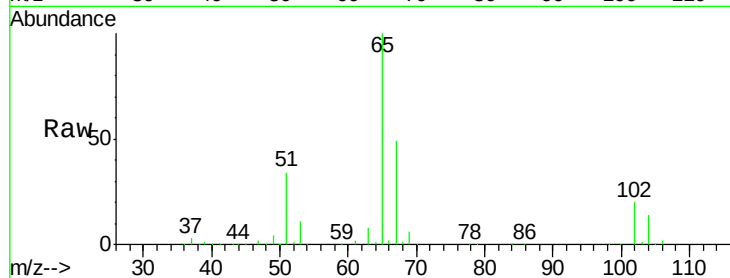
#33
 1,2-Dichloroethane-d4
 Concen: 41.99 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	152142		
67	51.5	0.0	101.8	

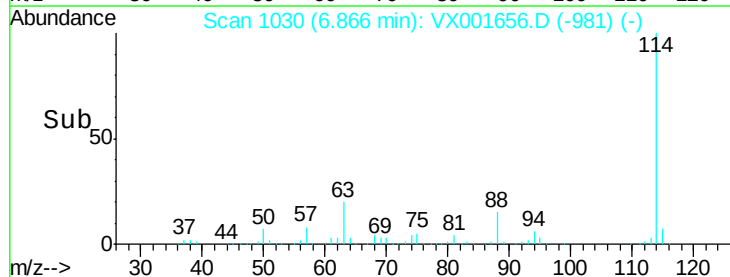
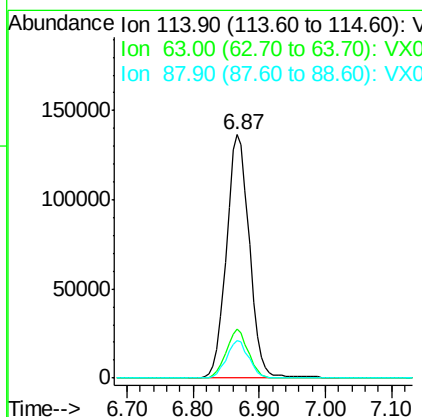
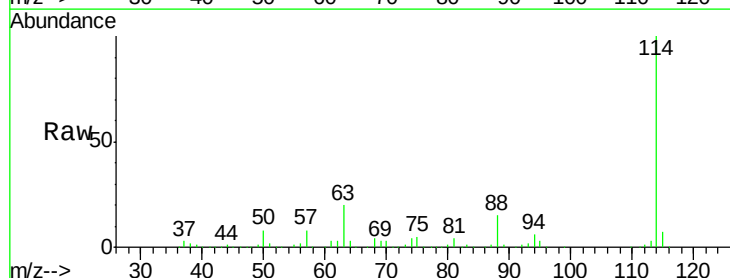
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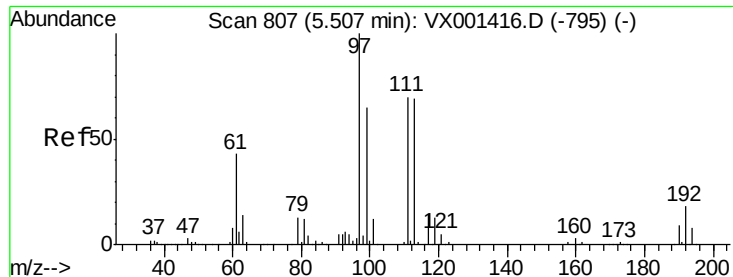
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	328781		
63	19.9	0.0	38.6	
88	15.2	0.0	30.8	





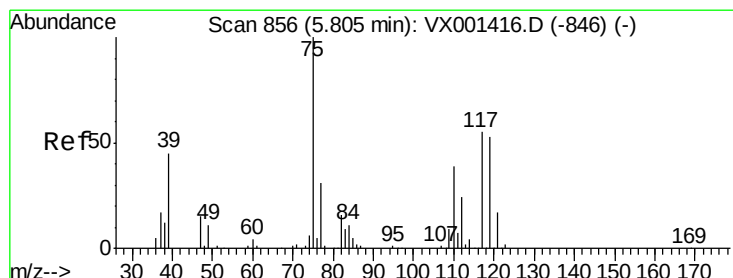
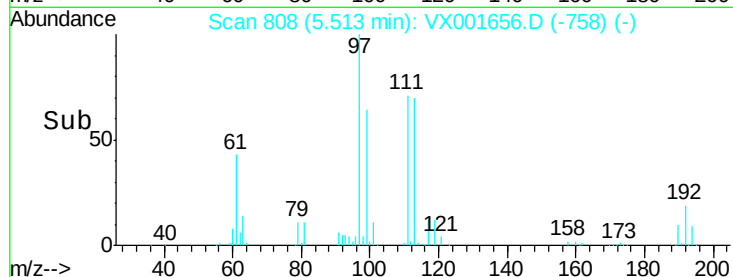
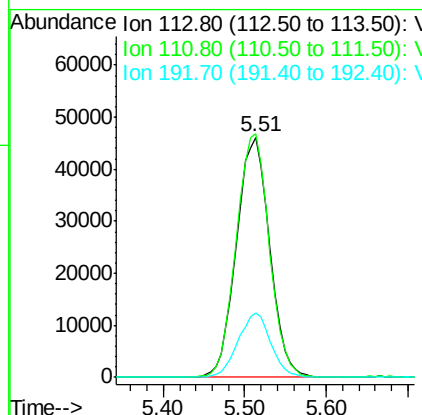
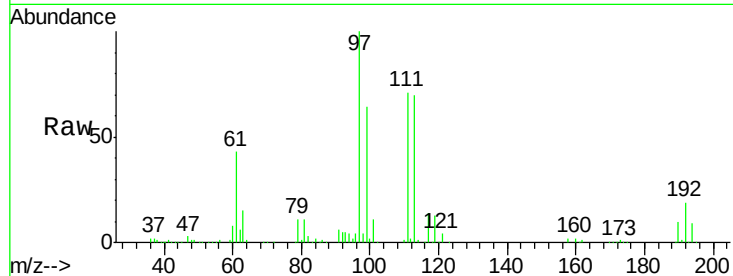
#35
 Dibromofluoromethane
 Concen: 44.54 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130248		
111	100.9	82.2	123.2	
192	26.4	21.4	32.0	

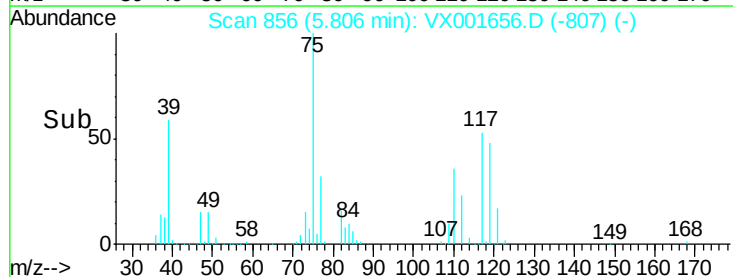
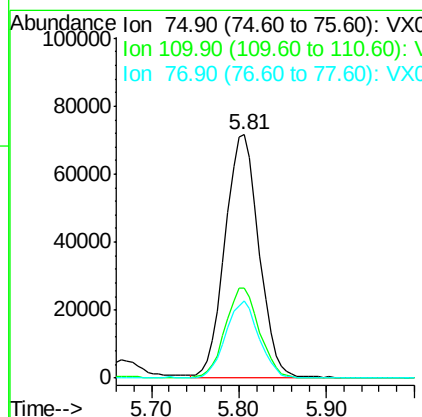
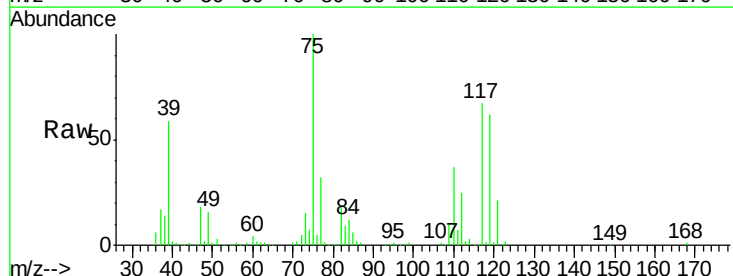
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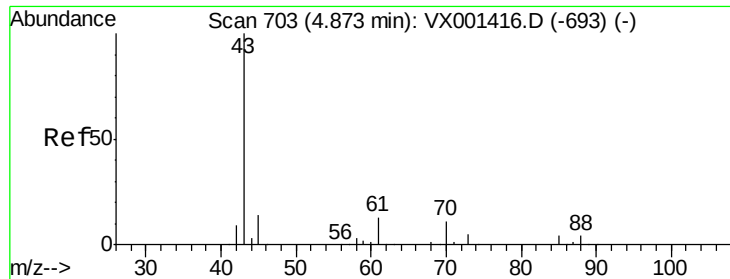
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#36
 1,1-Dichloropropene
 Concen: 46.04 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	192542		
110	37.3	18.9	56.7	
77	31.2	24.9	37.3	





#37

Ethyl Acetate

Concen: 44.75 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

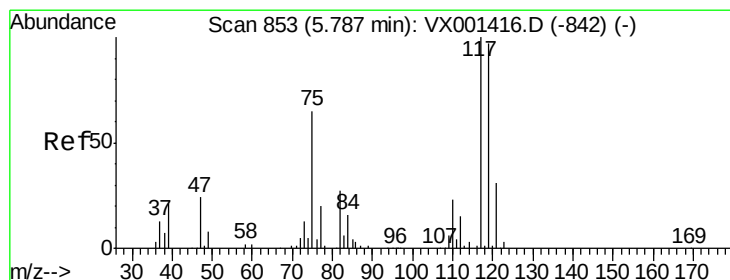
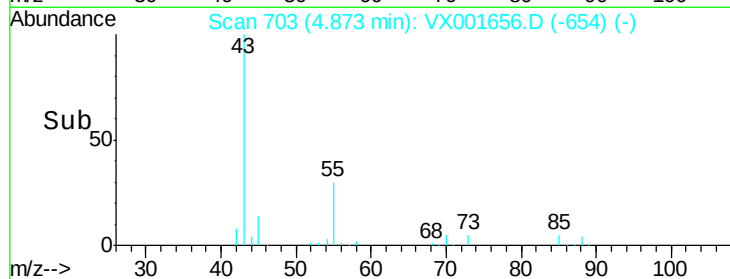
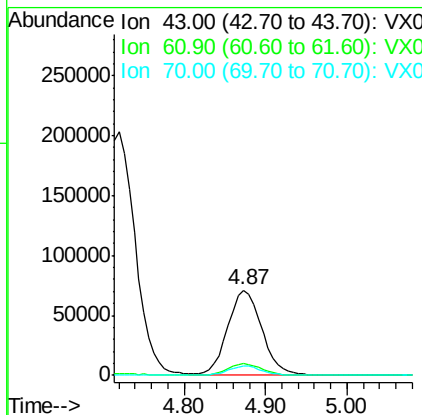
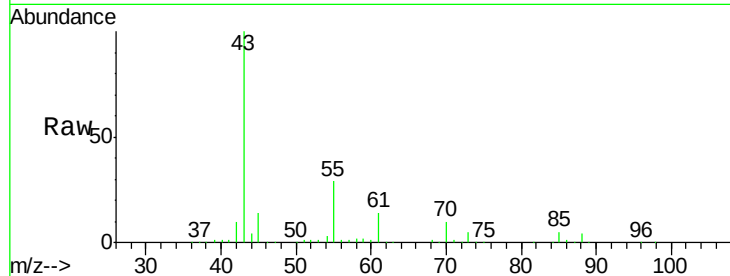
ClientSampleId :

J2741-07MSDMSD

Tot Ion:	43	Resp:	205153
Ion Ratio	Lower	Upper	
43	100		
61	0.0	10.7	16.1#
70	10.6	8.4	12.6

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#38

Carbon Tetrachloride

Concen: 49.97 ug/l

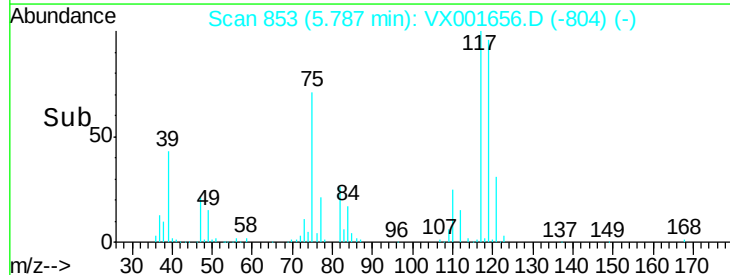
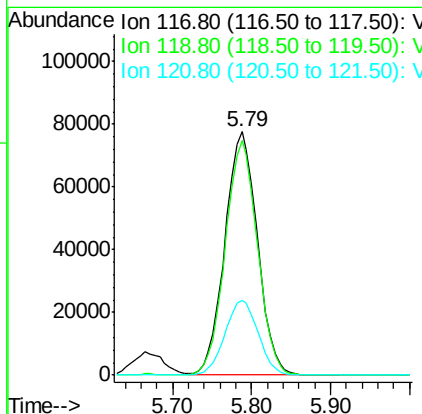
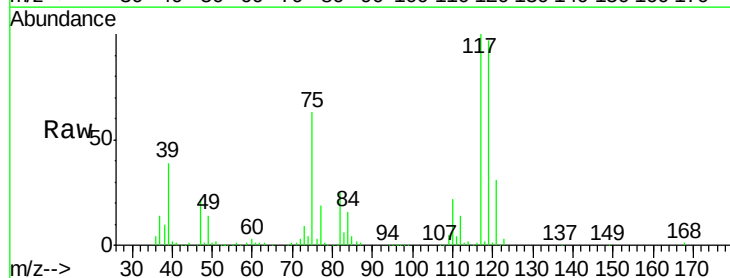
RT: 5.79 min Scan# 853

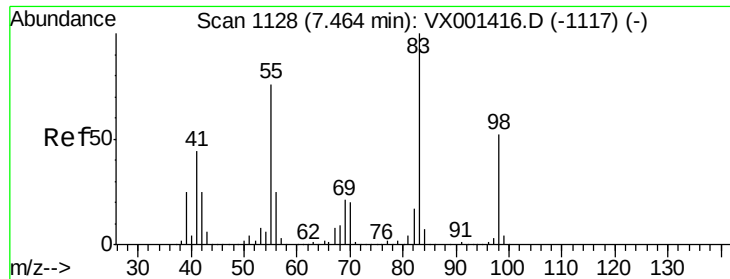
Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:	117	Resp:	222888
Ion Ratio	Lower	Upper	
117	100		
119	96.5	77.0	115.6
121	30.9	25.1	37.7





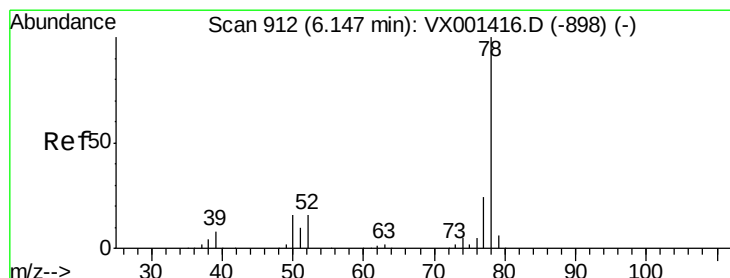
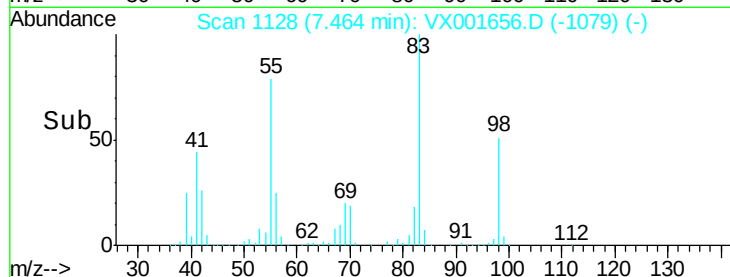
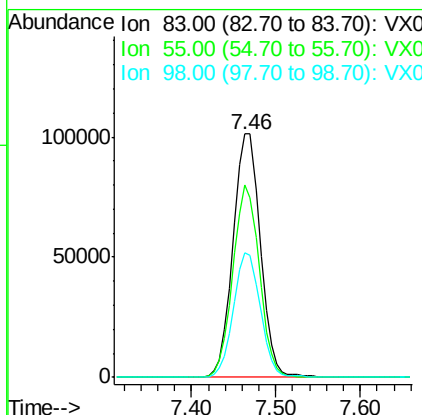
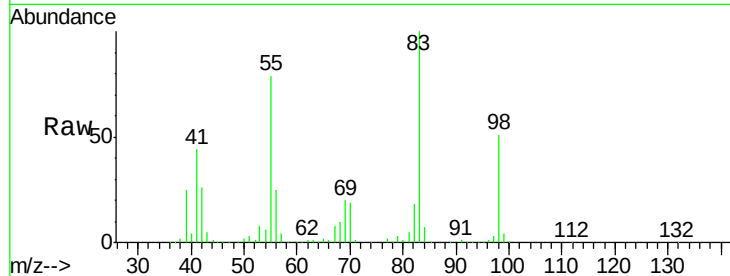
#39
Methylvlcyclohexane
Concen: 45.03 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	222667		
55	79.2		60.9	91.3
98	51.4		41.9	62.9

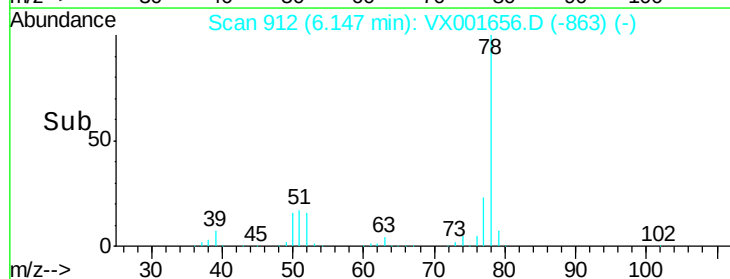
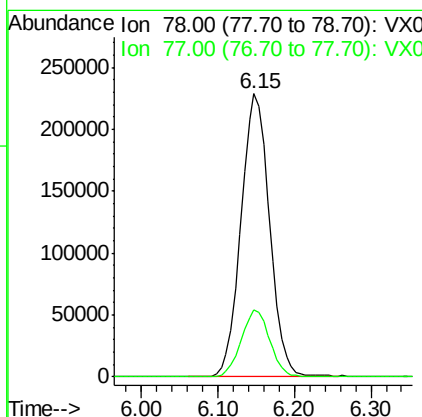
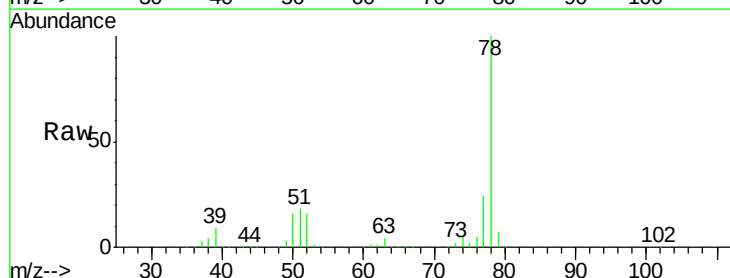
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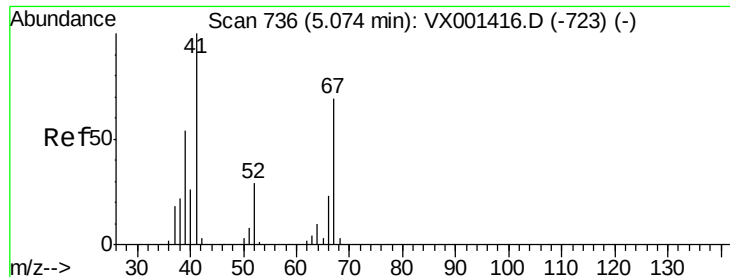
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#40
Benzene
Concen: 48.69 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	594772		
77	23.8		19.4	29.2





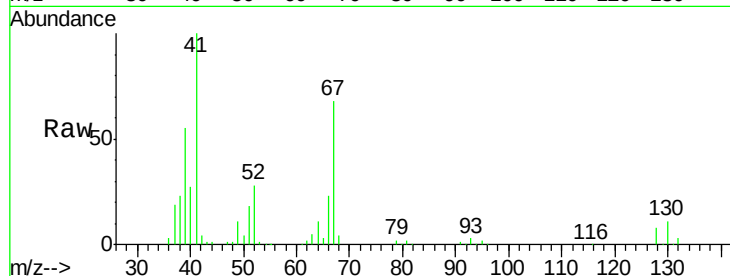
#41
Methacrylonitrile
Concen: 48.08 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

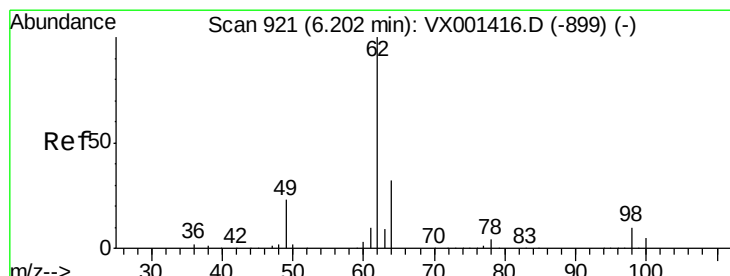
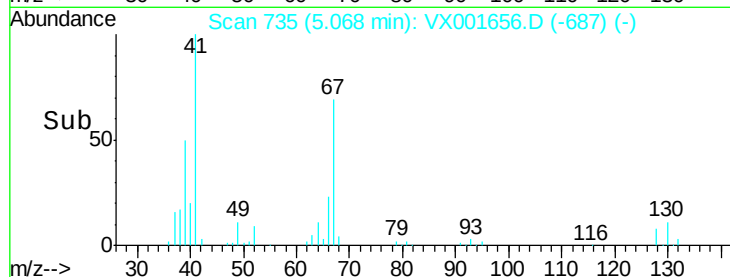
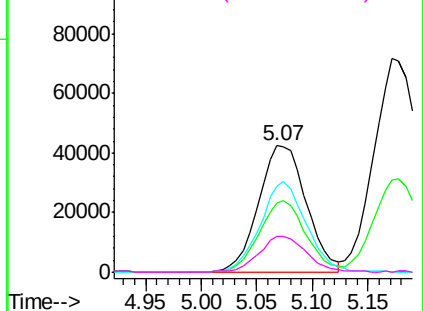
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.8	45.0	67.6		
67	69.6	55.0	82.6		
52	28.1	23.4	35.0		

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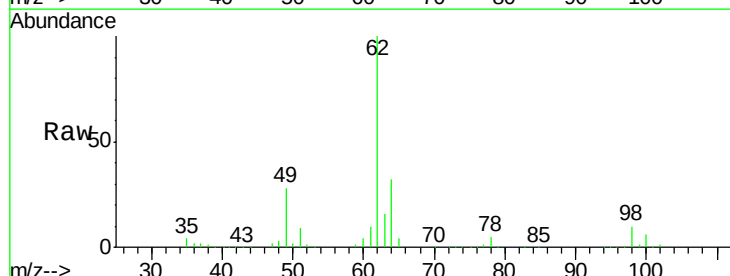


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

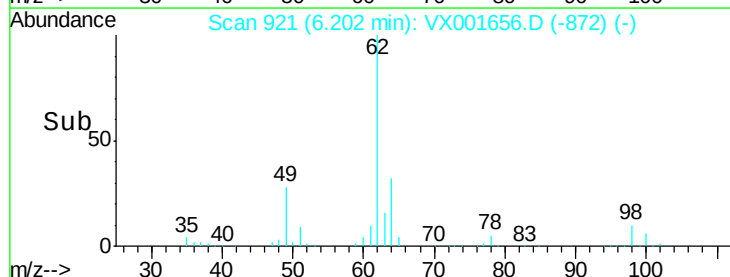
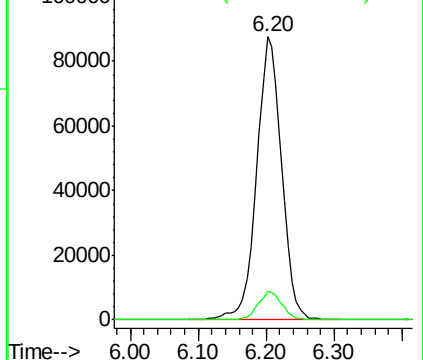


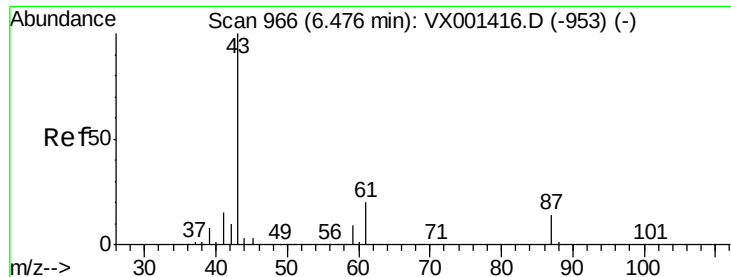
#42
1,2-Dichloroethane
Concen: 47.86 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.6	0.0	19.0		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

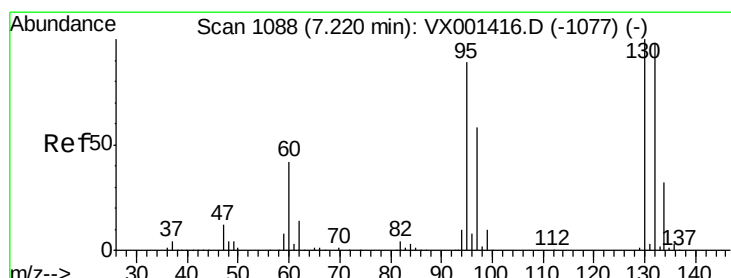
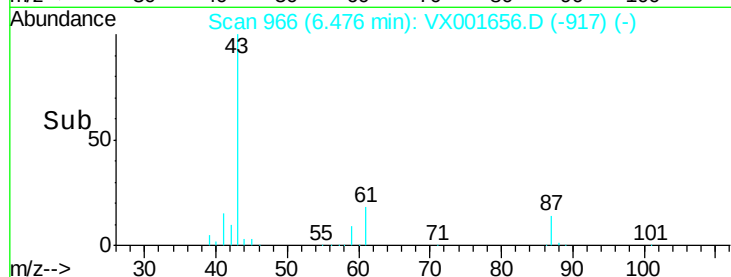
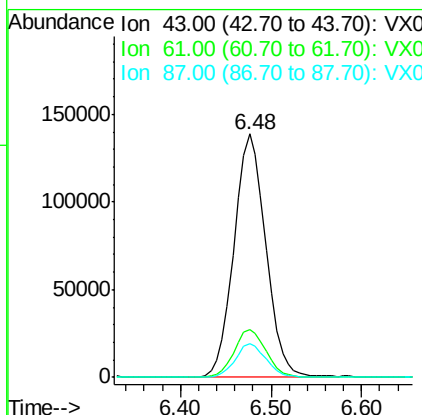
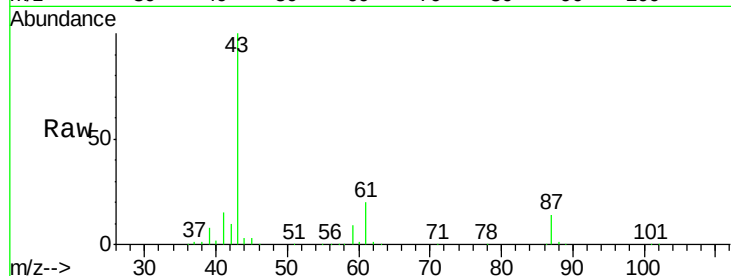
Isopropyl Acetate
Concen: 48.04 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.4	23.0
87	13.5	10.8	16.2

Manual Integrations
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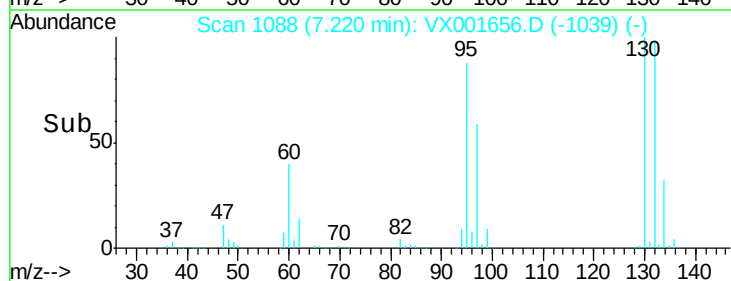
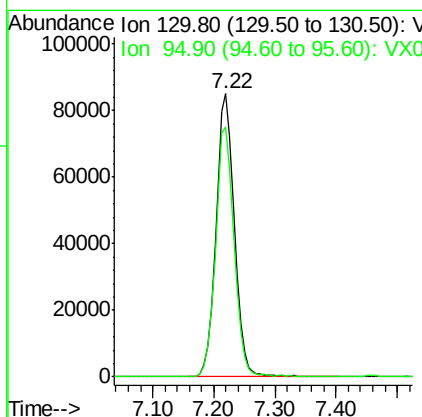
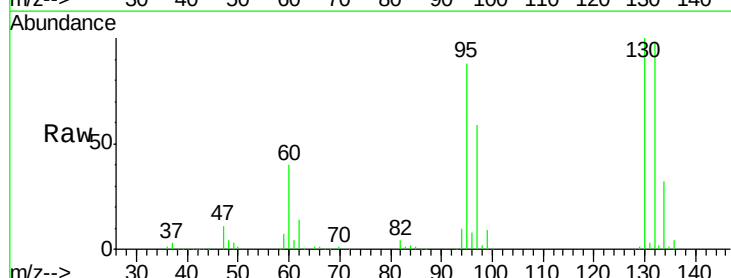
apatel
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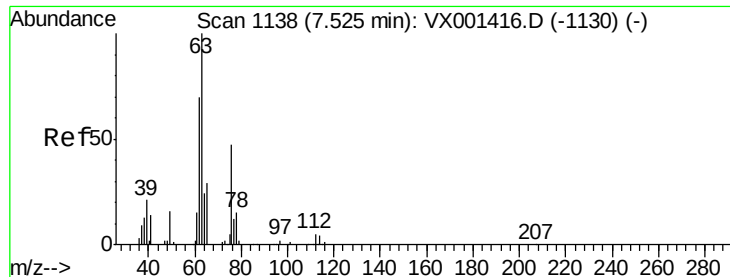


#44

Trichloroethene
Concen: 48.38 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.5	0.0	178.4





#45

1,2-Dichloropropane

Concen: 50.09 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion: 63 Resp: 152529

Ion Ratio Lower Upper

63 100

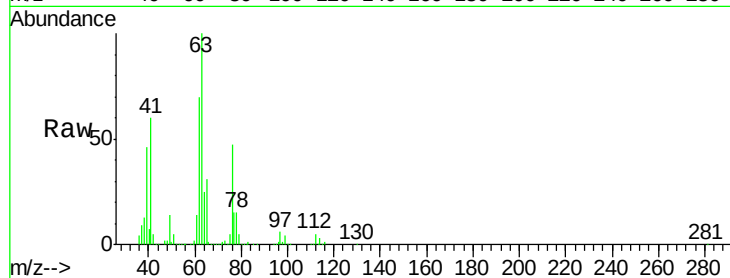
65 31.0 24.5 36.7

Manual Integrations

APPROVED

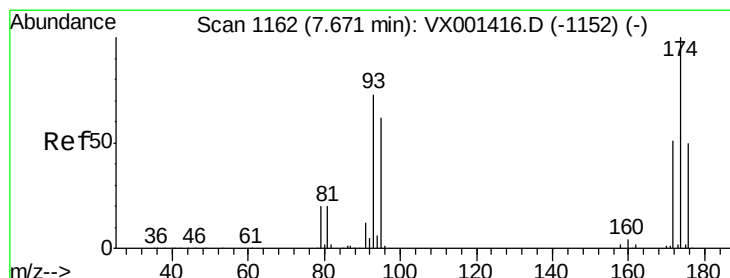
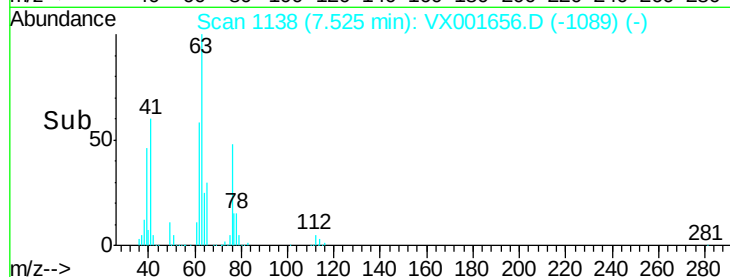
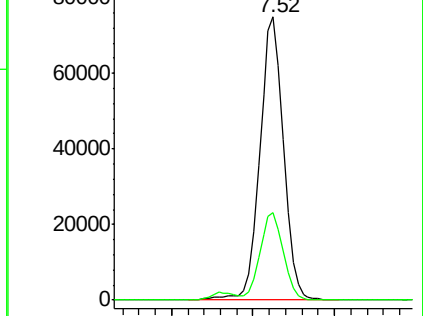
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.62 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

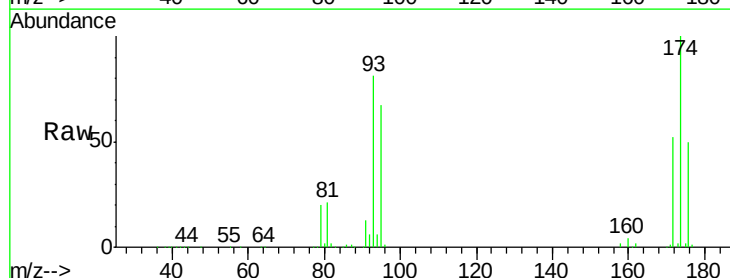
Tgt Ion: 93 Resp: 104814

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.4

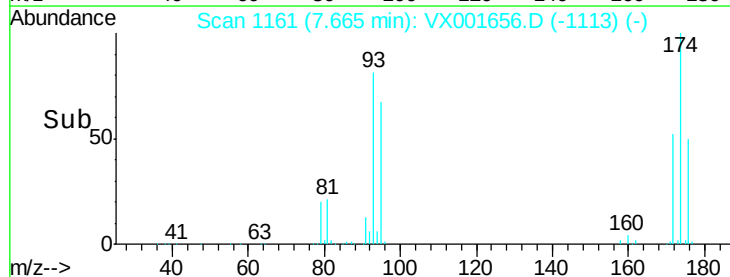
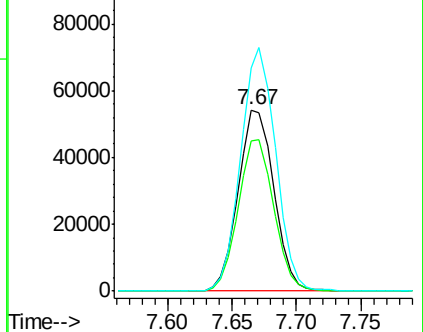
174 131.5 104.5 156.7

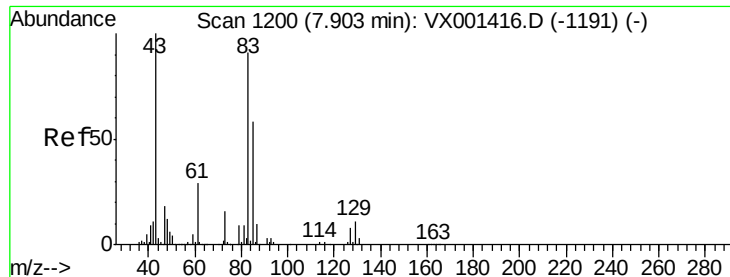


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.19 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

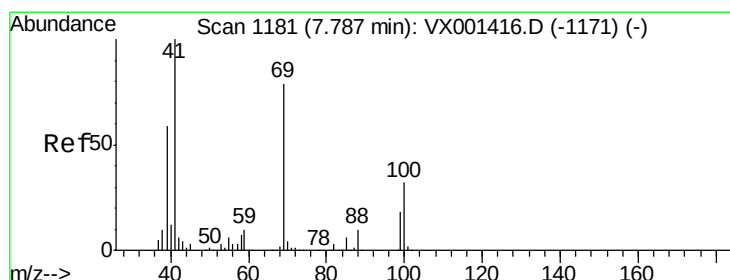
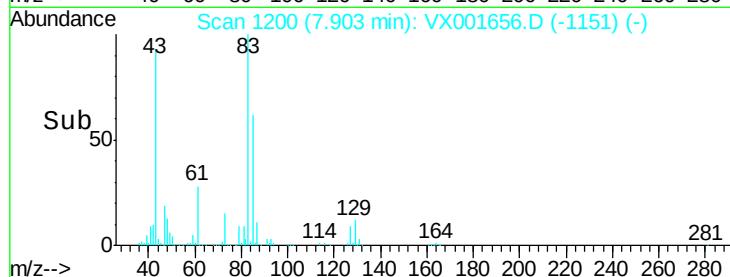
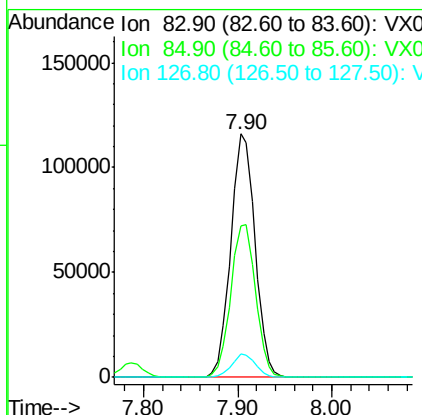
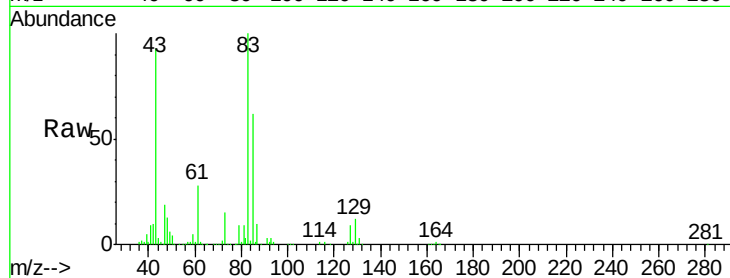
ClientSampleId :

J2741-07MSDMSD

Tot Ion:	83	Resp:	208219
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.0	76.6
127	9.4	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.44 ug/l

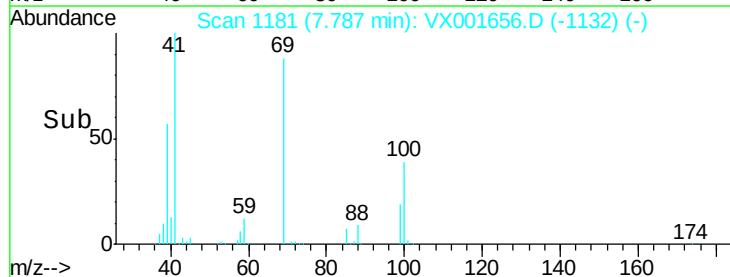
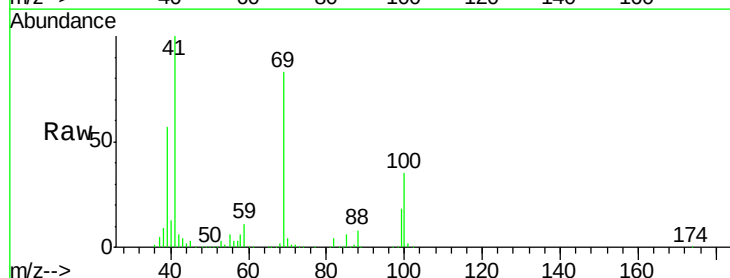
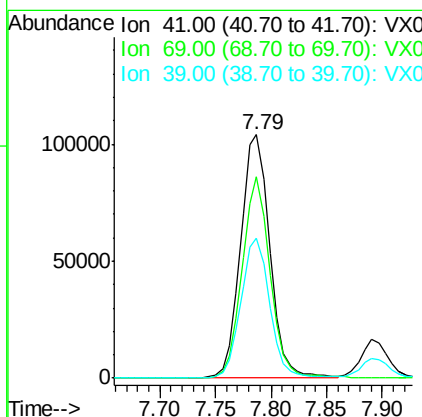
RT: 7.79 min Scan# 1181

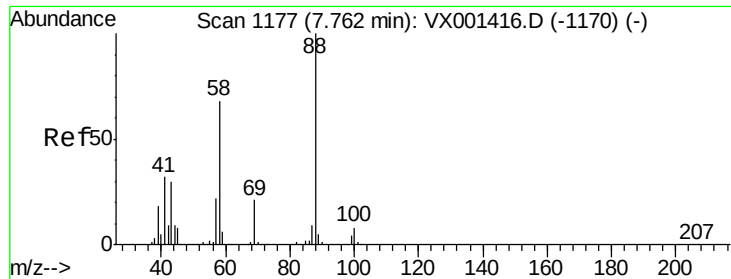
Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:	41	Resp:	189451
Ion	Ratio	Lower	Upper
41	100		
69	79.7	63.4	95.2
39	56.6	47.0	70.4





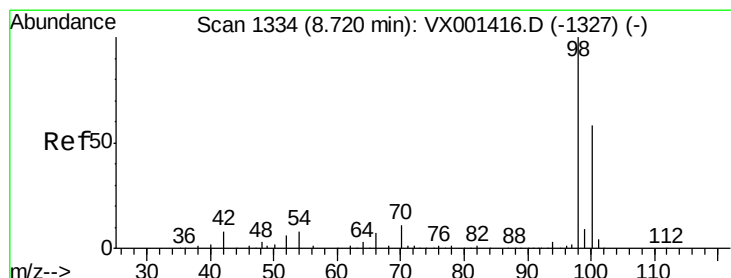
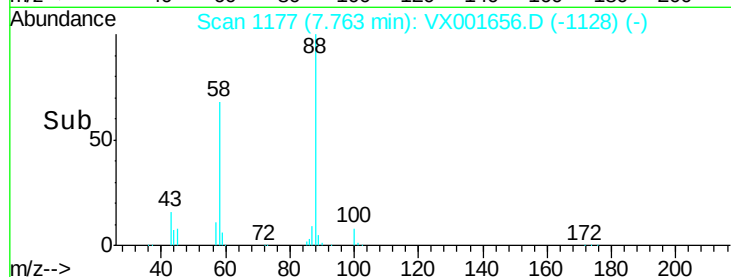
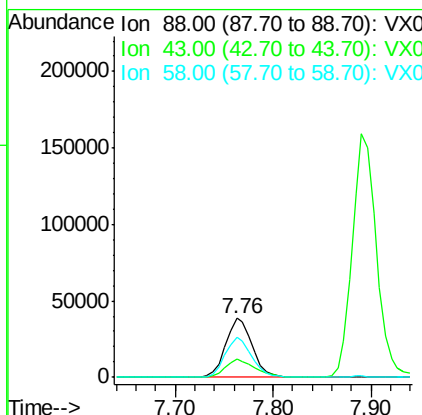
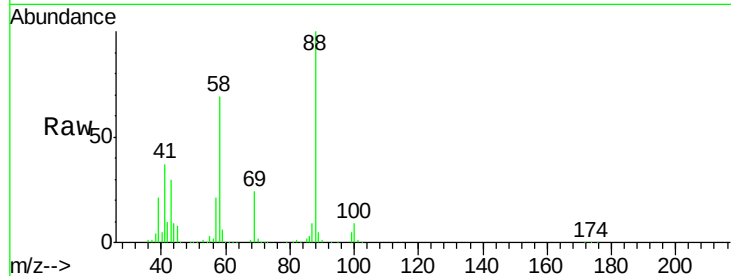
#49
1,4-Dioxane
Concen: 873.38 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.9	26.4	39.6
58	68.8	54.1	81.1

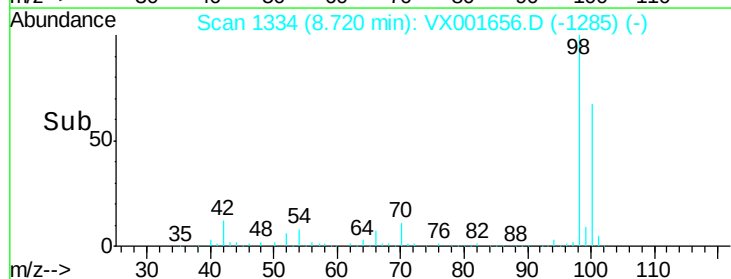
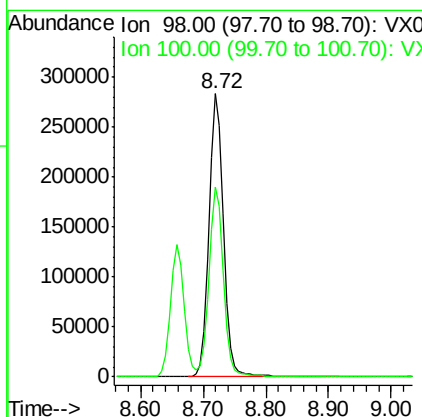
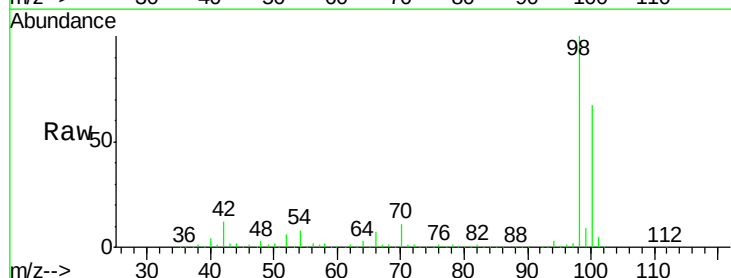
Manual Integrations
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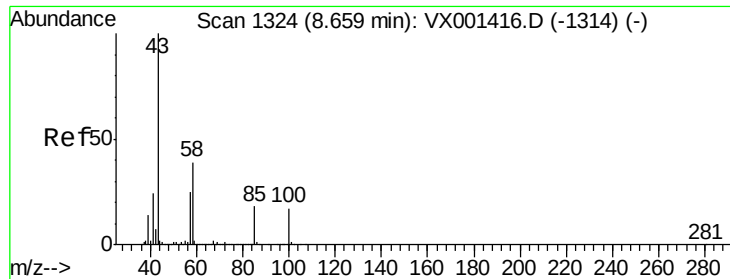
apatel
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#50
Toluene-d8
Concen: 42.27 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	54.0	81.0





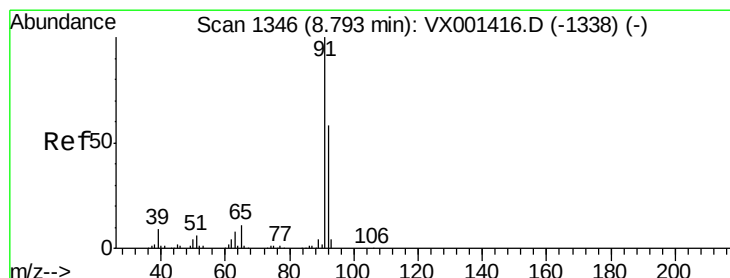
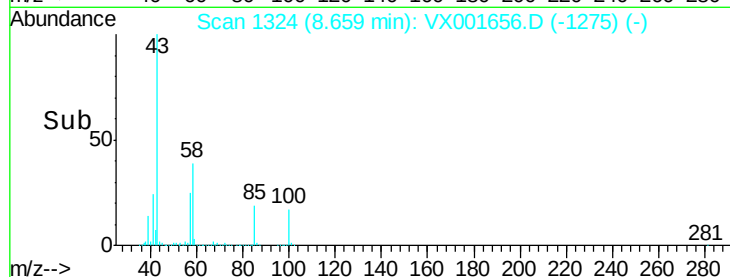
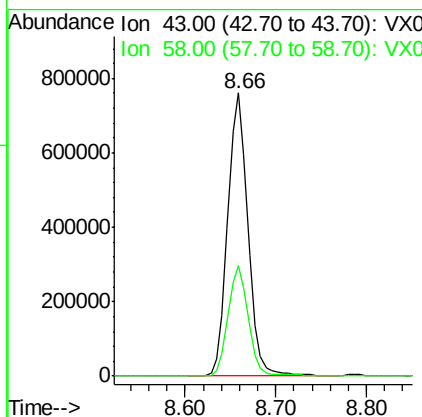
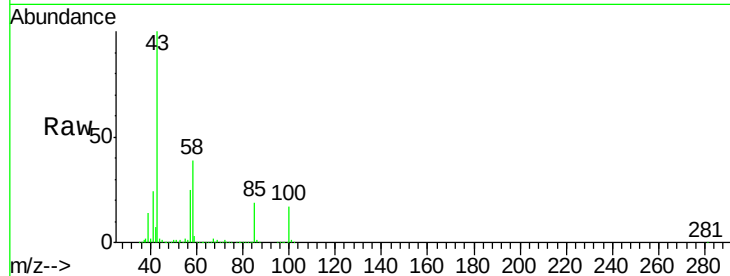
#51
4-Methyl-2-Pentanone
Concen: 252.58 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion: 43 Resp: 1181252
Ion Ratio Lower Upper
43 100
58 39.3 30.8 46.2

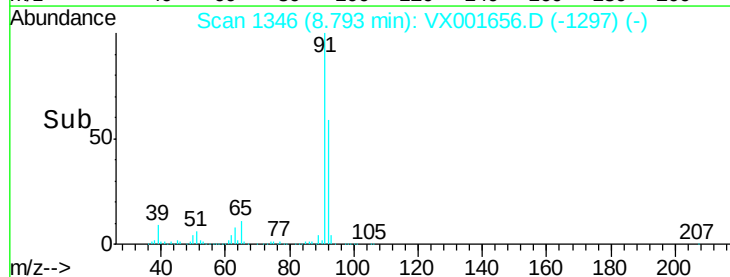
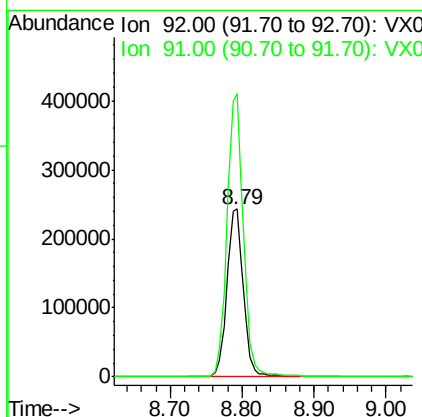
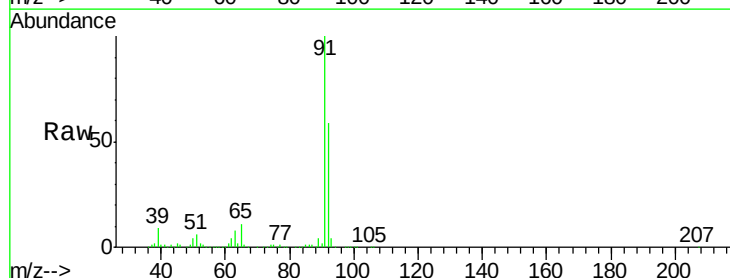
Manual Integrations
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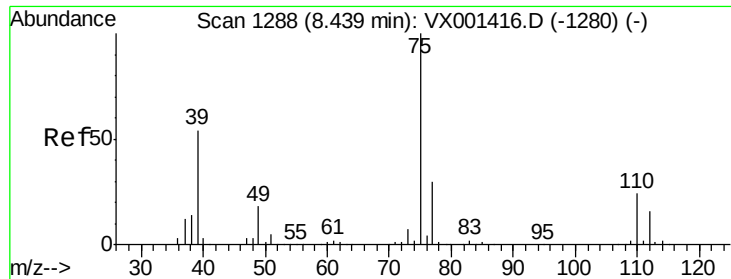
apatel
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#52
Toluene
Concen: 48.93 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 92 Resp: 390805
Ion Ratio Lower Upper
92 100
91 167.3 135.2 202.8





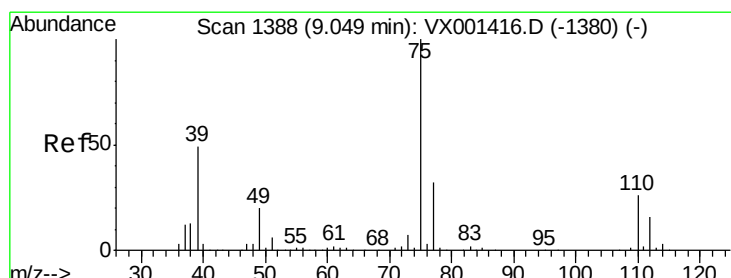
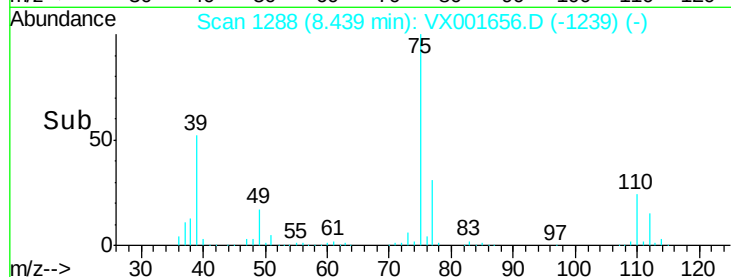
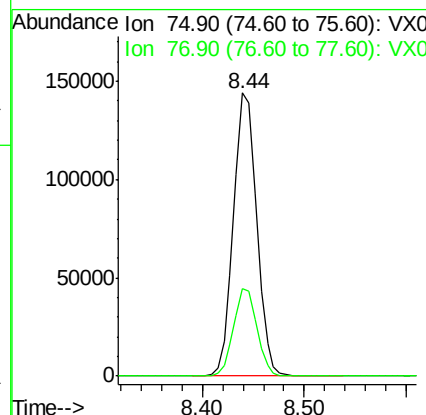
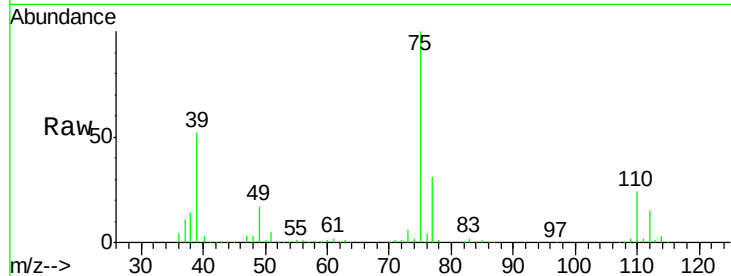
#53
t-1,3-Dichloropropene
Concen: 50.37 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
75	100	227125		
77	30.7	24.2	36.4	

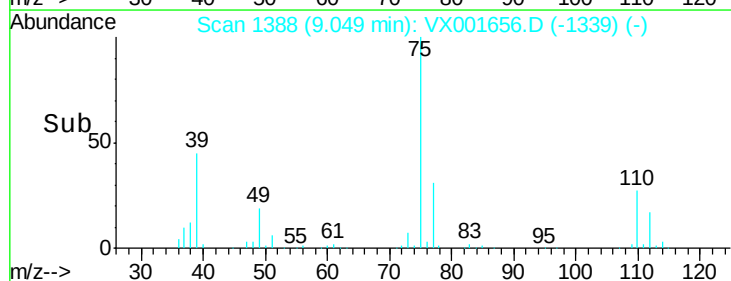
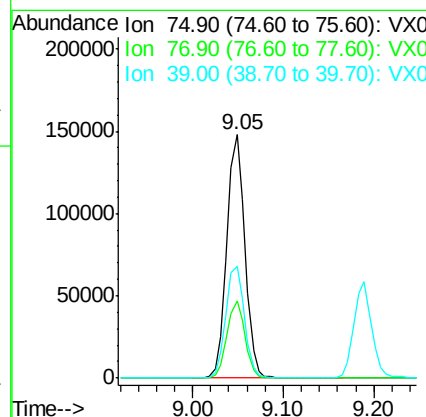
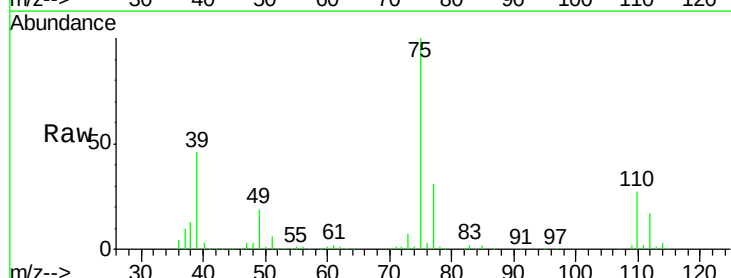
Manual Integrations
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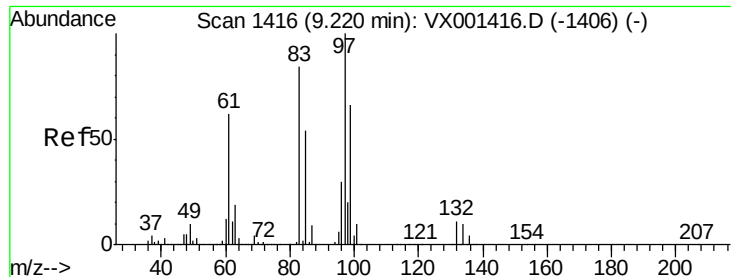
apatel
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#54
cis-1,3-Dichloropropene
Concen: 44.60 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	206718		
77	31.4	25.5	38.3	
39	45.8	38.9	58.3	





#55

1,1,2-Trichloroethane

Concen: 49.25 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

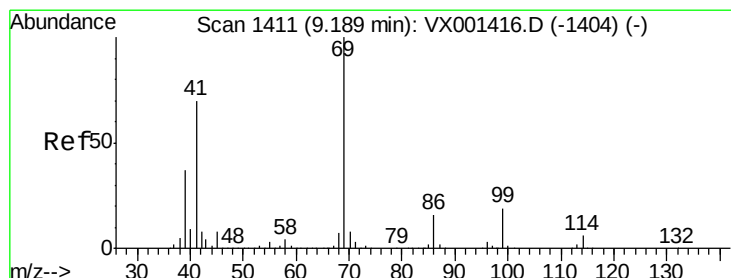
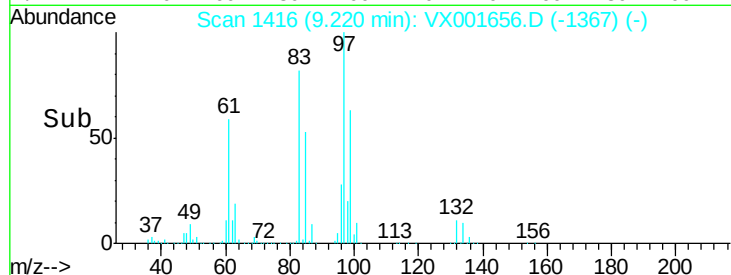
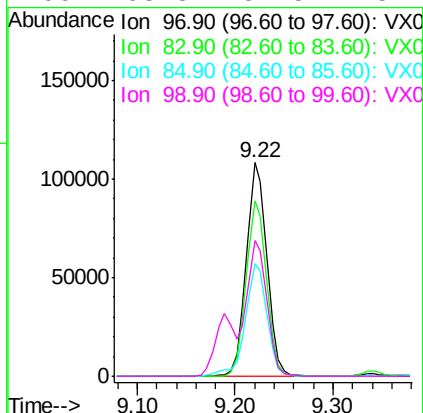
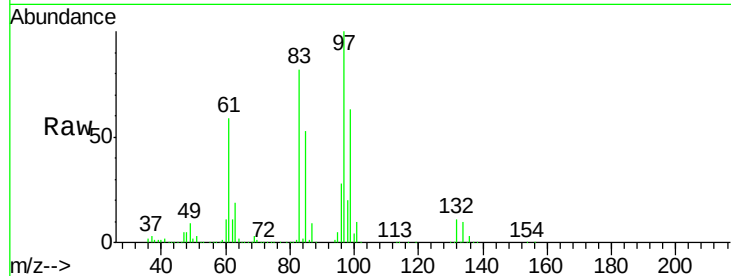
ClientSampleId :

J2741-07MSDMSD

Tot Ion:	97	Resp:	158481
Ion Ratio	Lower	Upper	
97	100		
83	82.2	67.4	101.0
85	52.8	43.3	64.9
99	63.3	52.5	78.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 49.34 ug/l

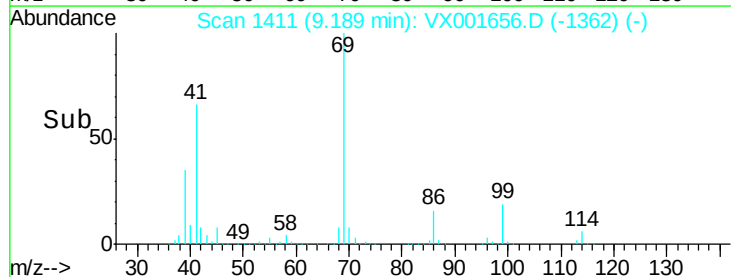
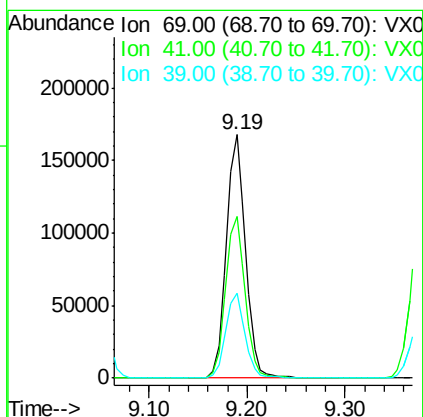
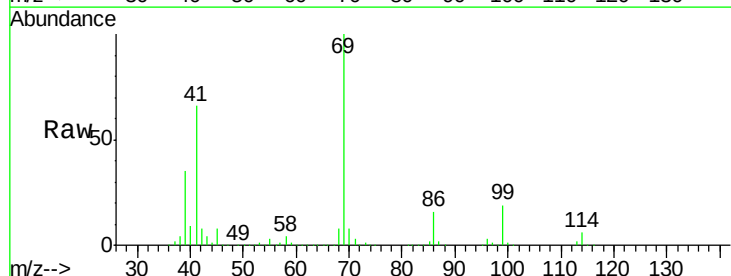
RT: 9.19 min Scan# 1411

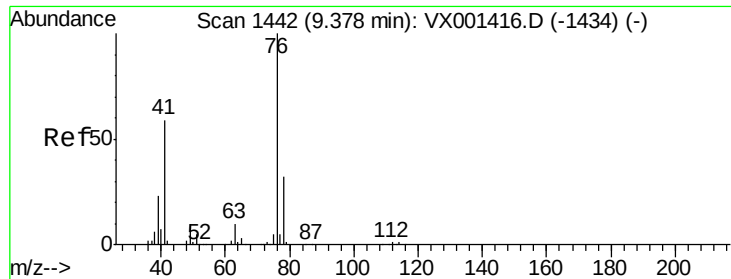
Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:	69	Resp:	228891
Ion Ratio	Lower	Upper	
69	100		
41	67.4	55.1	82.7
39	35.2	29.9	44.9





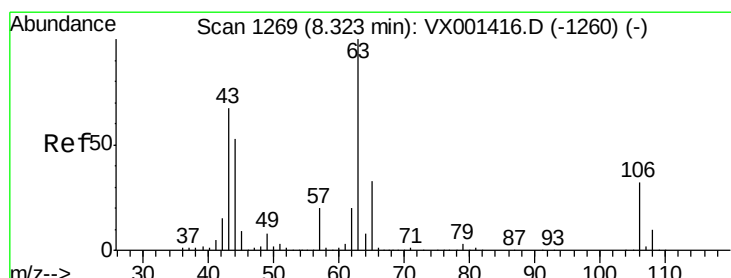
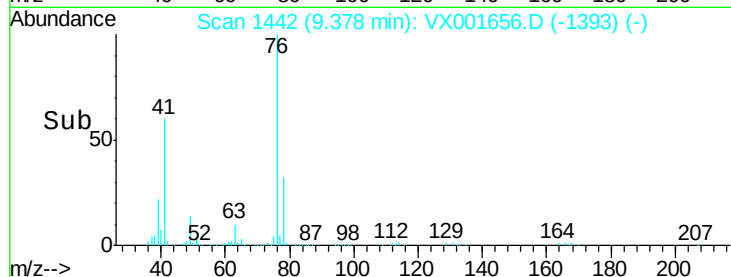
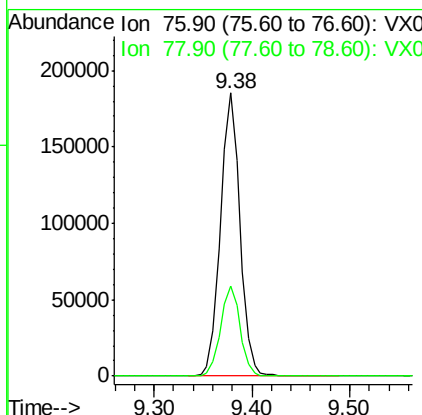
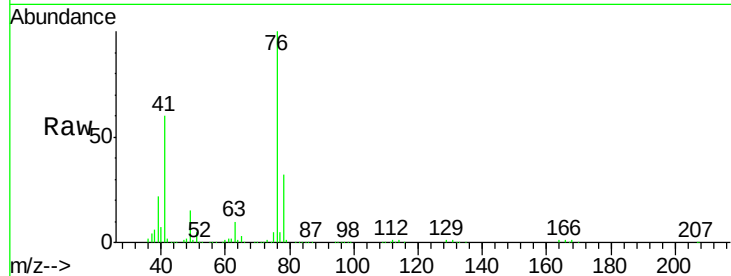
#57
 1,3-Dichloropropane
 Concen: 48.21 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.6

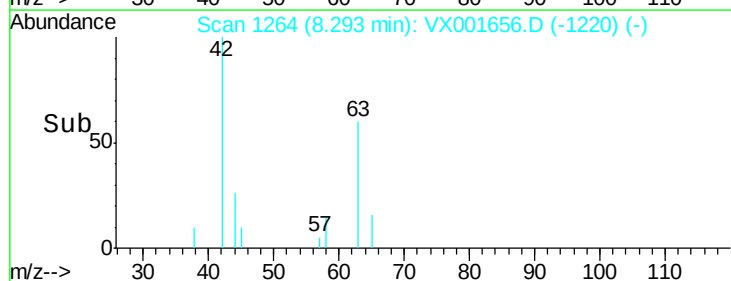
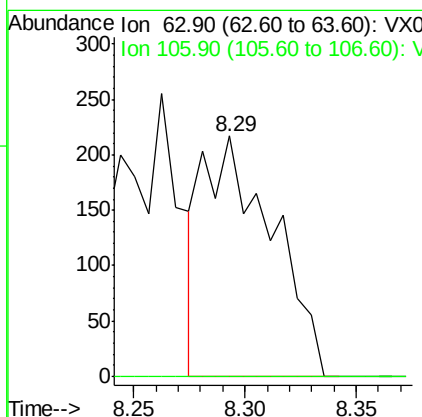
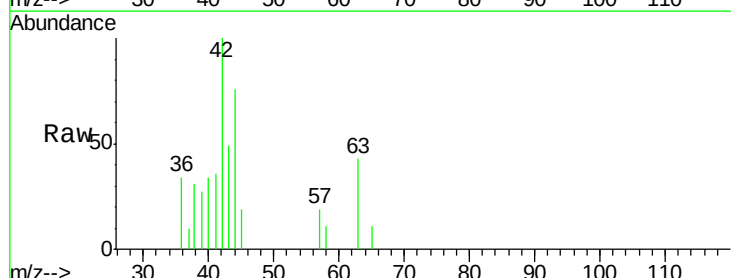
Manual Integrations
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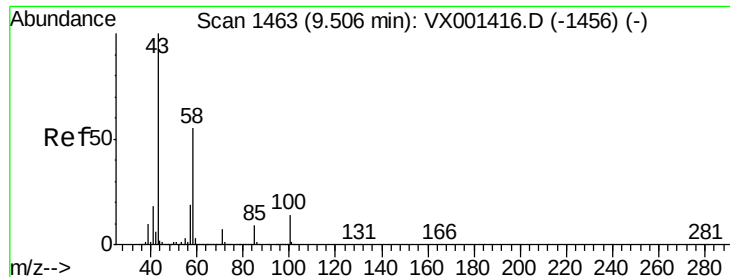
apatel
 5/14/2018 3:58:30 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.21 ug/l
 RT: 8.29 min Scan# 1264
 Delta R.T. -0.03 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	0.0	25.4	38.0#





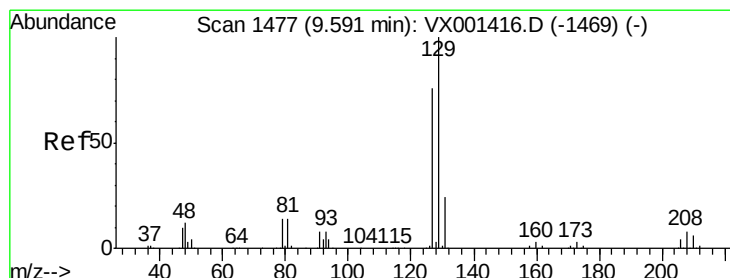
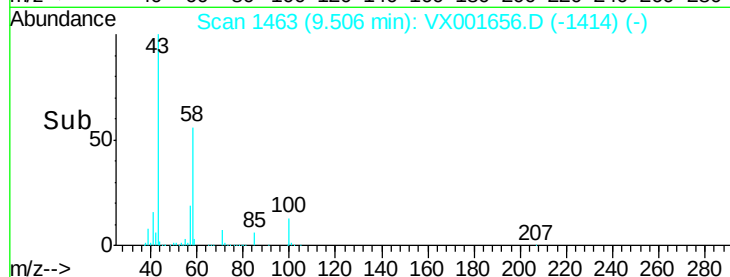
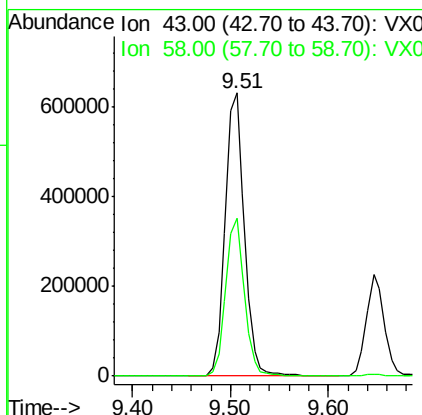
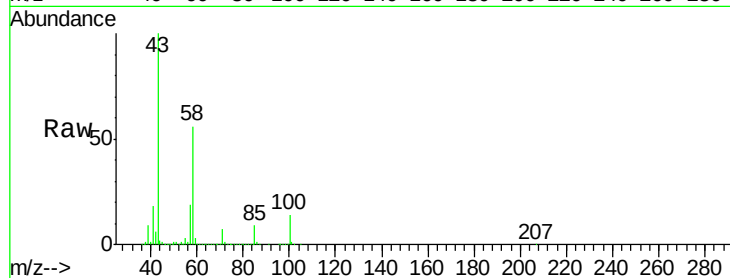
#59
2-Hexanone
Concen: 240.27 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.7	27.1	81.2

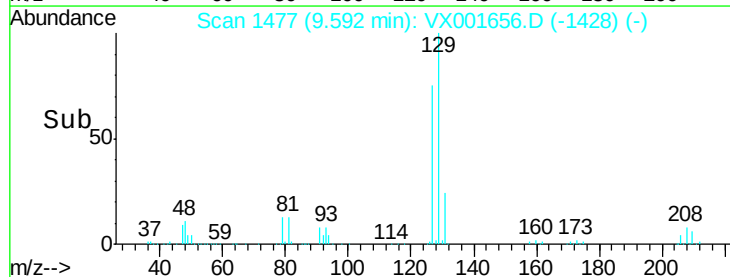
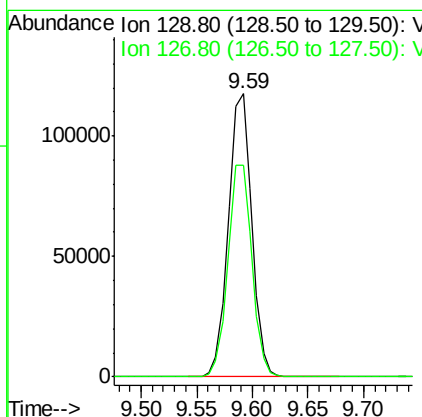
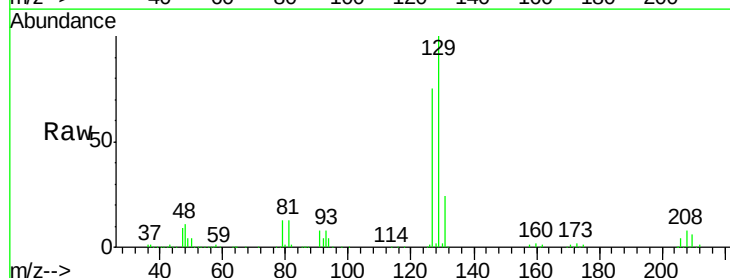
Manual Integrations
APPROVED

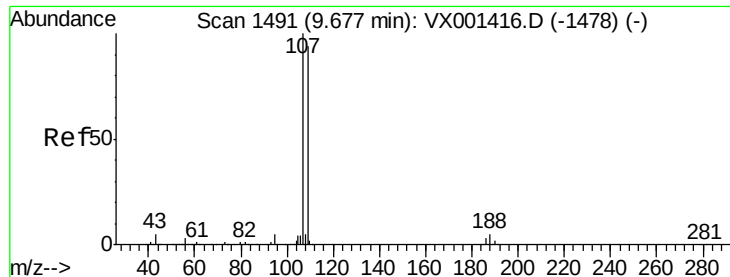
apatel
5/14/2018 3:58:30 PM



#60
Dibromochloromethane
Concen: 51.87 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.1	114.5





#61

1,2-Dibromoethane

Concen: 48.76 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion: 107 Resp: 164751

Ion Ratio Lower Upper

107 100

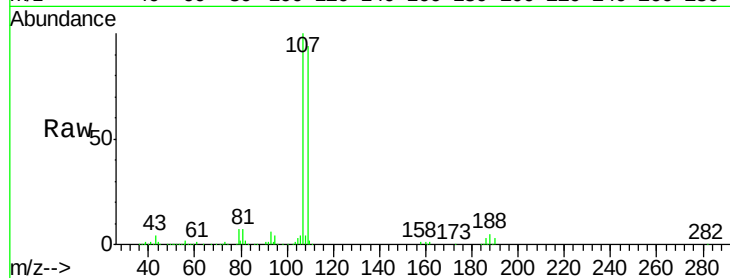
109 95.3 75.5 113.3

Manual Integrations

APPROVED

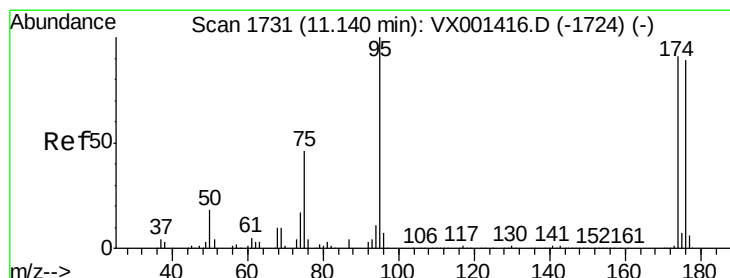
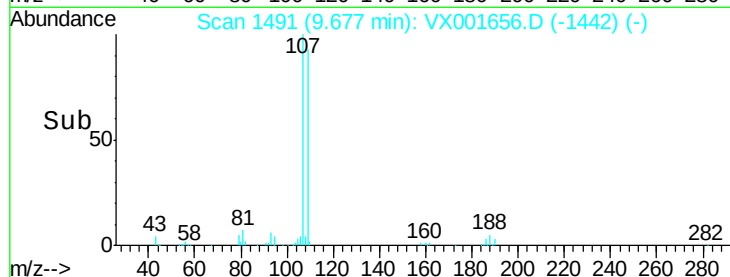
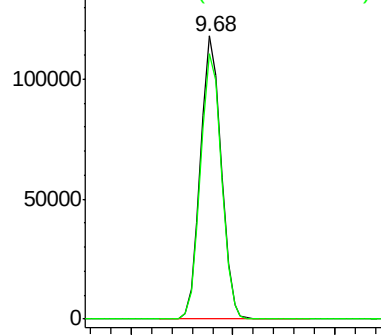
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 40.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

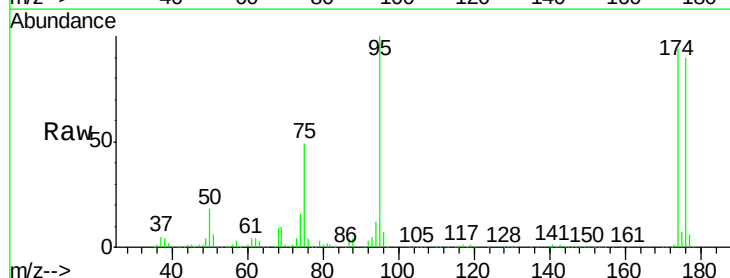
Tgt Ion: 95 Resp: 167366

Ion Ratio Lower Upper

95 100

174 102.7 0.0 202.0

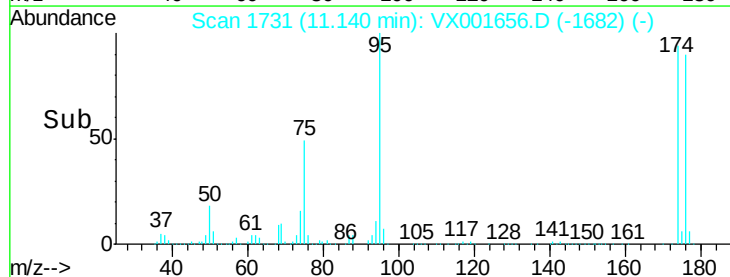
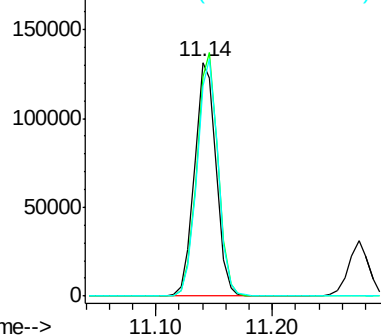
176 99.7 0.0 197.4

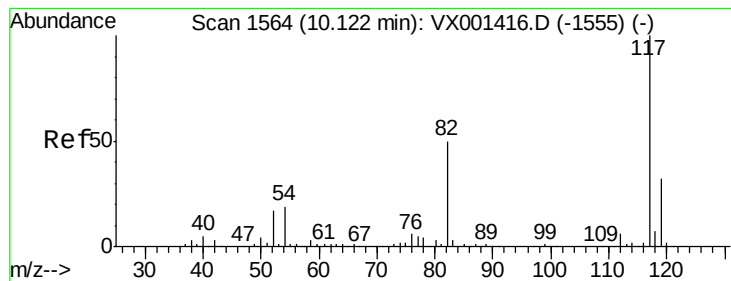


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

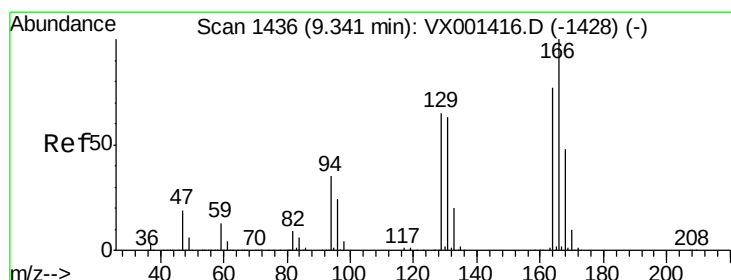
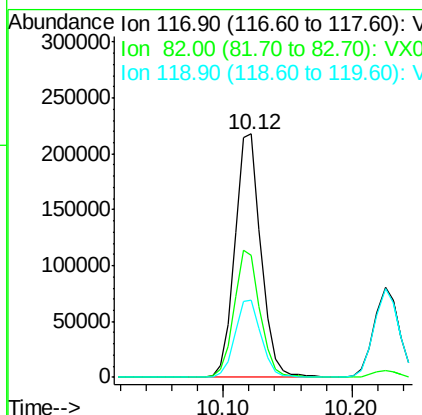
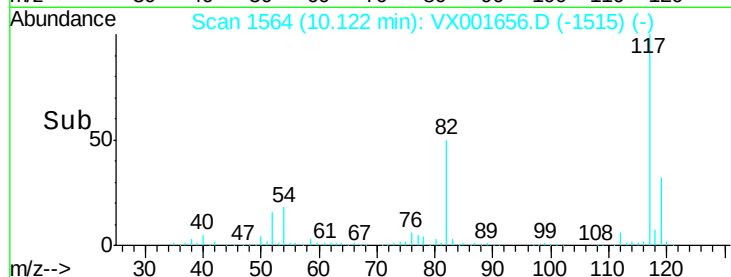
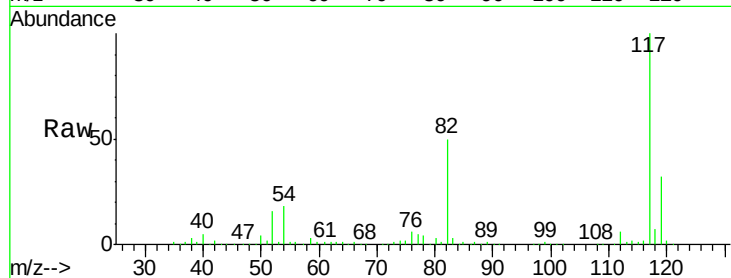
ClientSampleId :

J2741-07MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	307315		
82	50.3	40.0	60.0	
119	31.9	25.8	38.8	

Manual Integrations
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#64

Tetrachloroethene

Concen: 45.67 ug/l

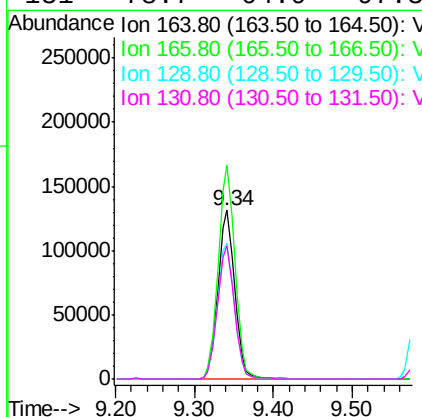
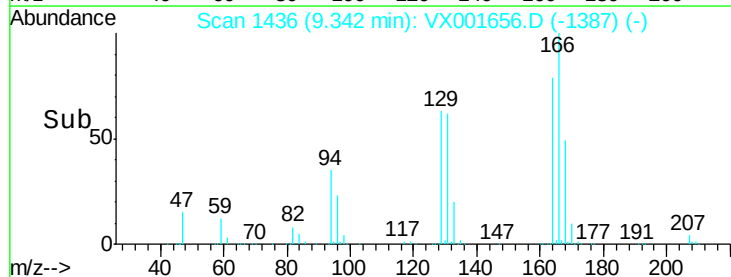
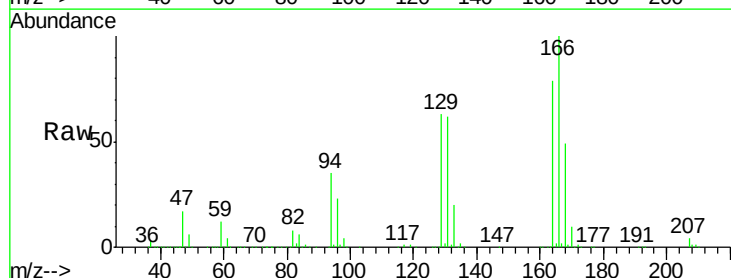
RT: 9.34 min Scan# 1436

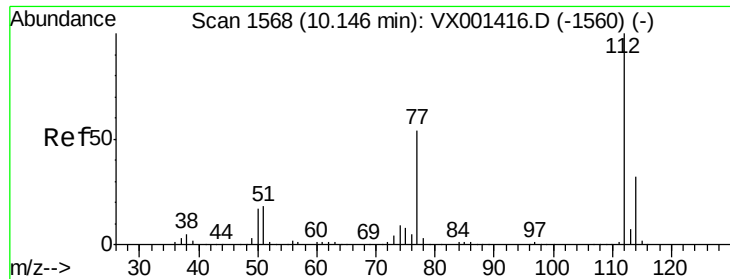
Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	195612		
166	126.8	103.5	155.3	
129	80.3	66.7	100.1	
131	78.7	64.9	97.3	





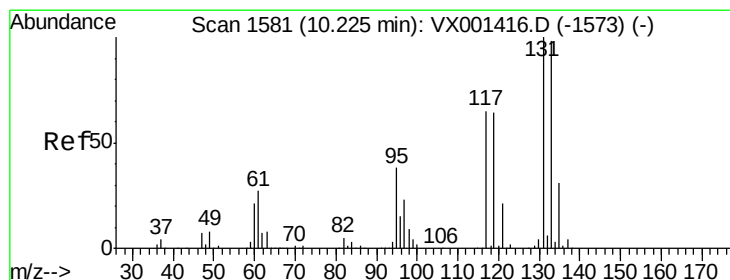
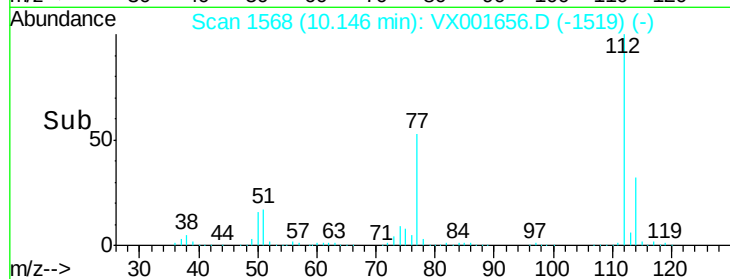
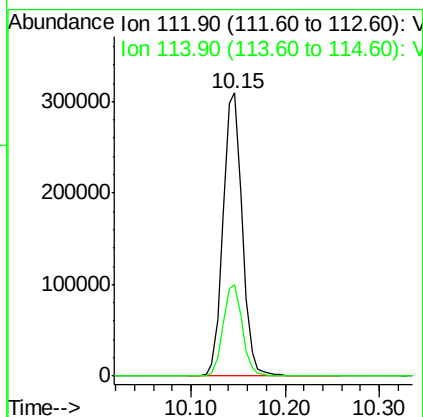
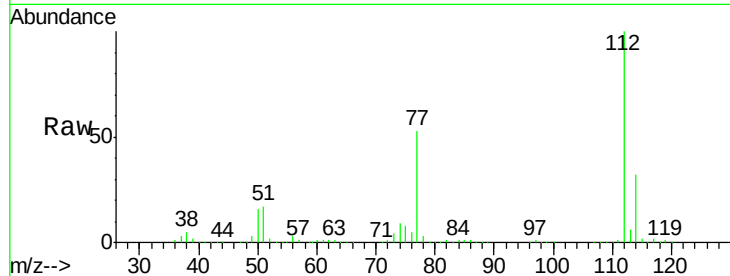
#65
Chlorobenzene
Concen: 48.38 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion:112 Resp: 436019
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0

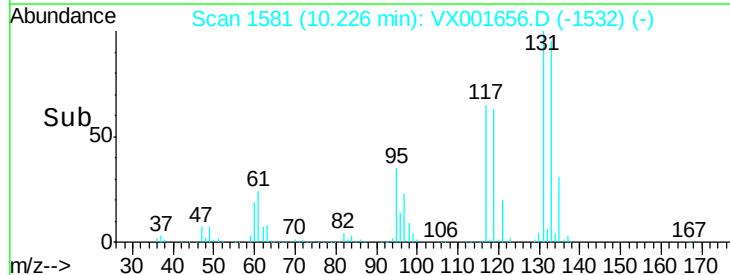
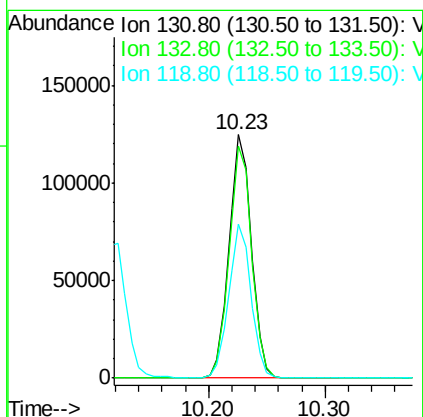
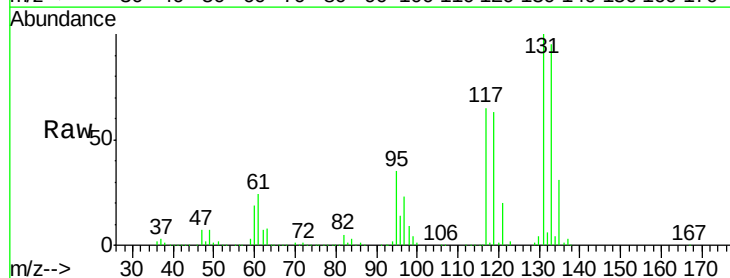
Manual Integrations
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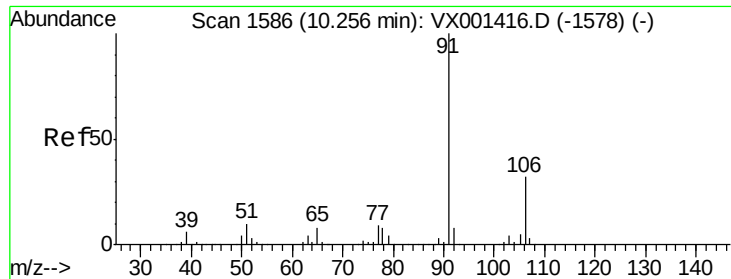
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.79 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion:131 Resp: 166966
Ion Ratio Lower Upper
131 100
133 95.8 47.9 143.8
119 63.2 31.1 93.3





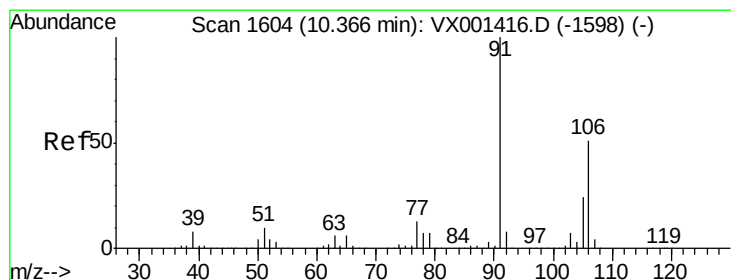
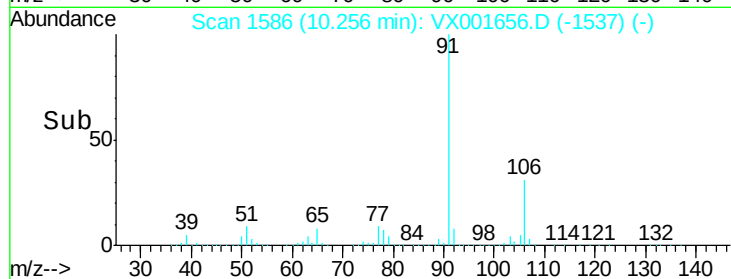
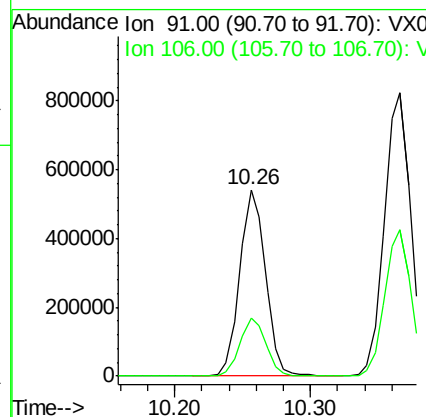
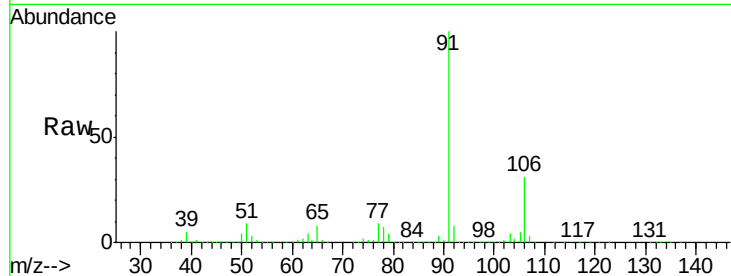
#67
Ethyl Benzene
Concen: 48.47 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion: 91 Resp: 716015
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

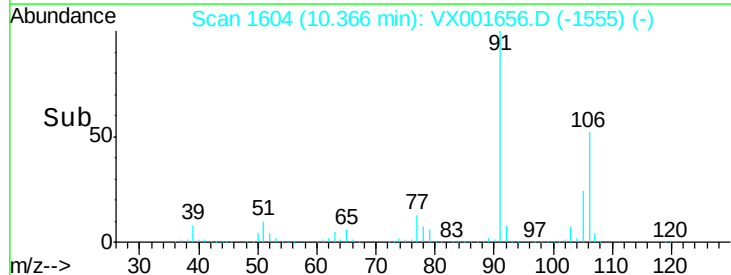
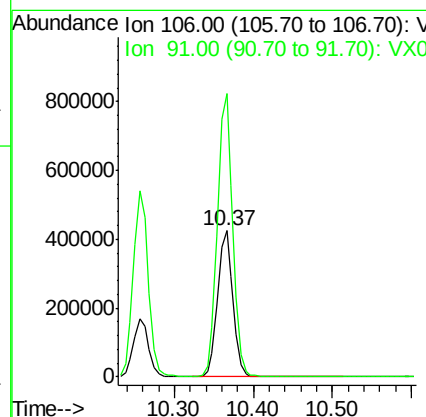
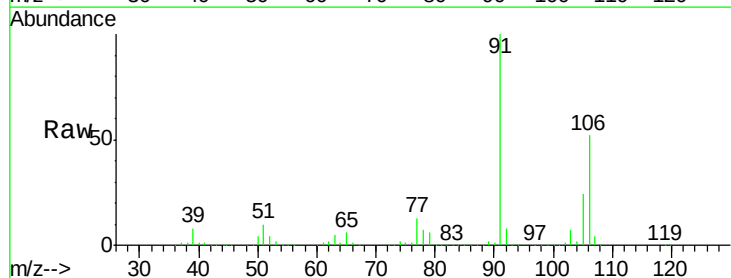
Manual Integrations
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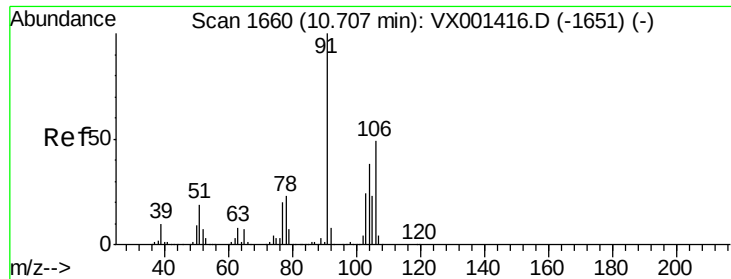
apatel
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#68
m/p-Xylenes
Concen: 97.90 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion: 106 Resp: 571435
Ion Ratio Lower Upper
106 100
91 195.0 157.5 236.3





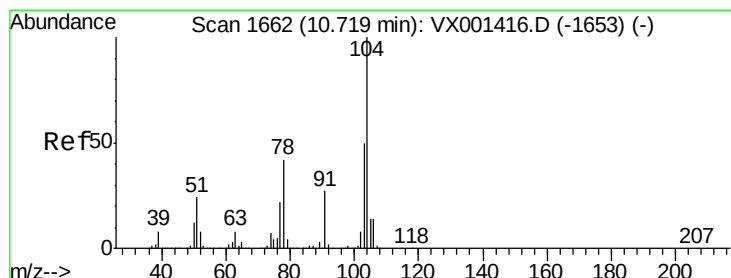
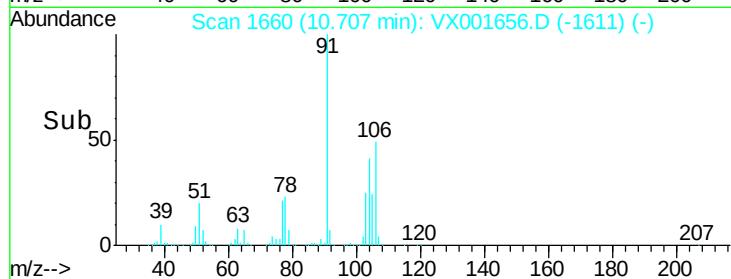
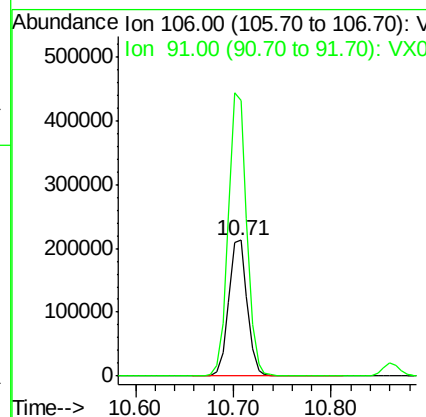
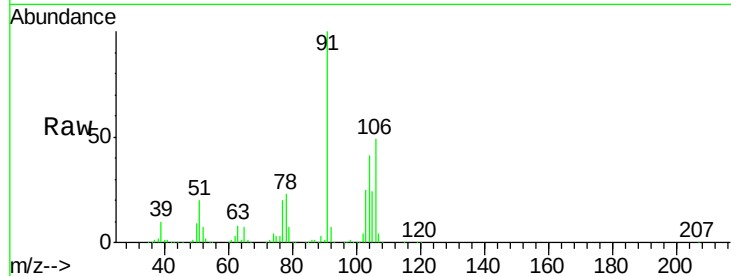
#69
o-Xylene
Concen: 49.39 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		280156		
91	206.9	103.1	309.1		

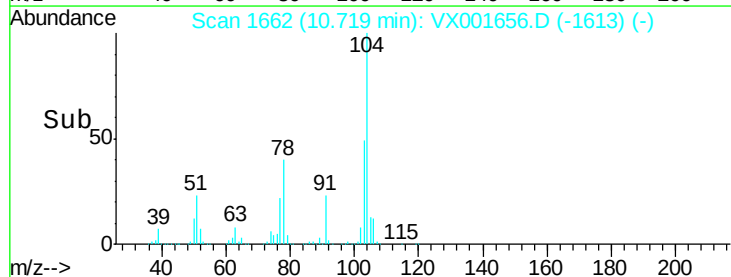
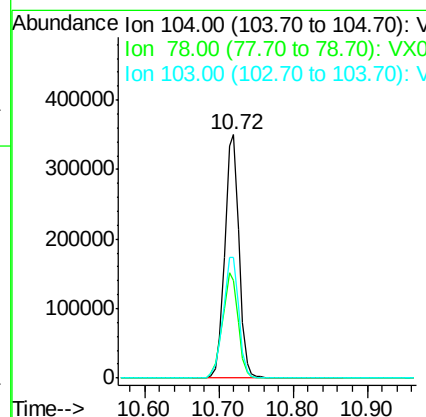
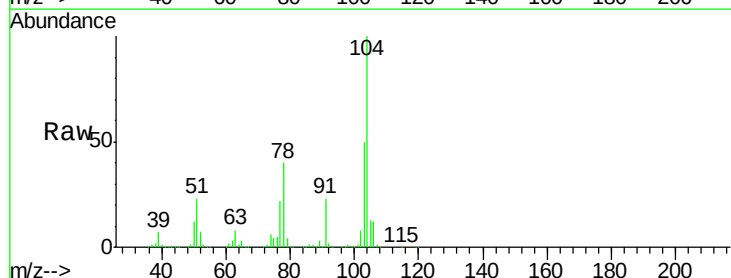
Manual Integrations
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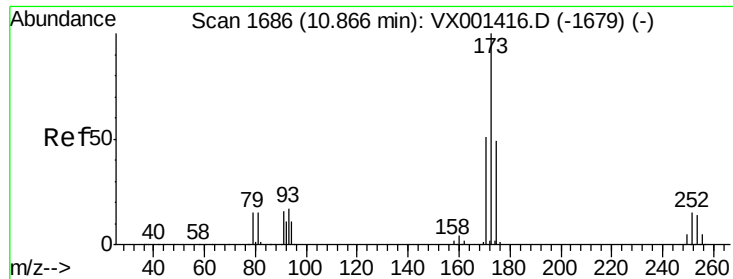
apatel
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#70
Styrene
Concen: 50.22 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		462782		
78	47.0	38.6	58.0		
103	54.6	44.0	66.0		





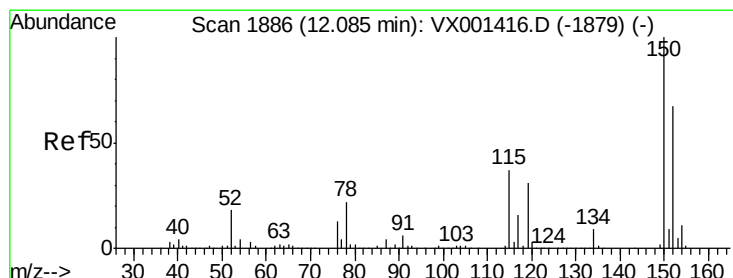
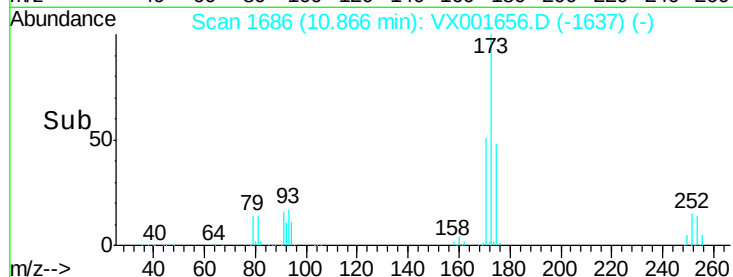
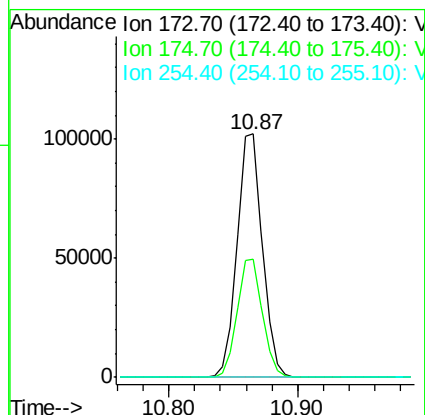
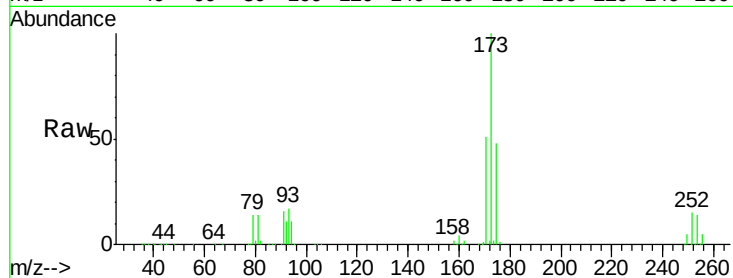
#71
Bromoform
Concen: 45.33 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.5	73.5
254	0.2	0.2	0.2

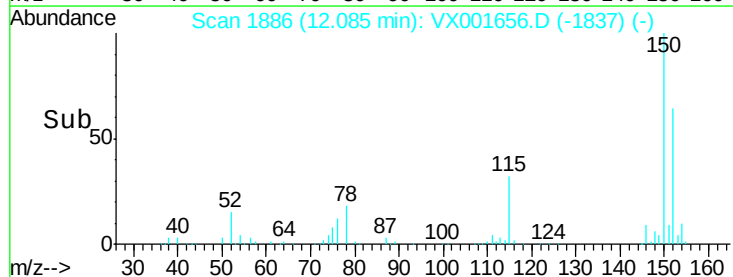
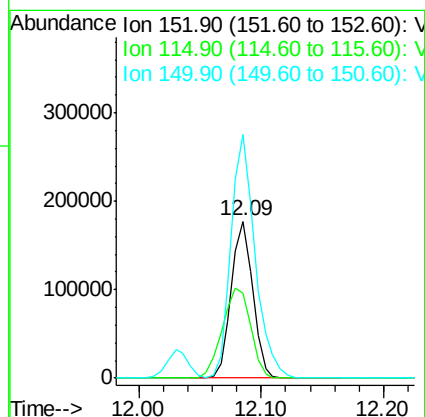
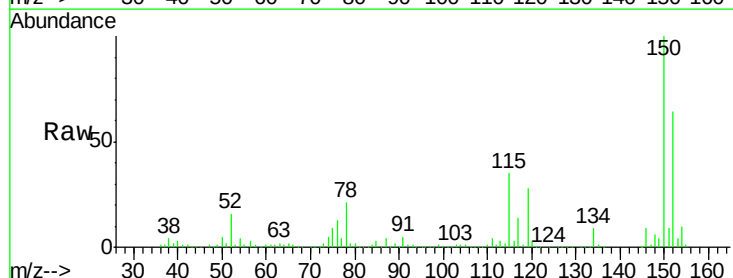
Manual Integrations
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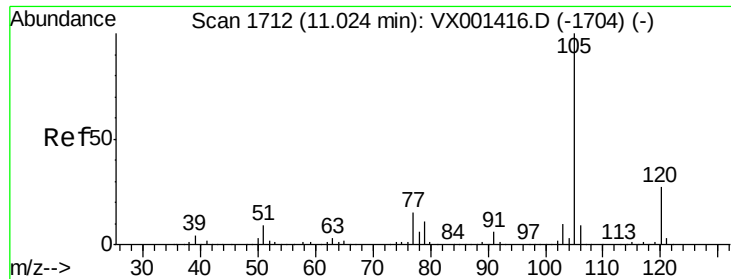
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.8	37.7	113.1
150	174.1	0.0	349.4





#73

Isopropylbenzene

Concen: 50.39 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion: 105 Resp: 748392

Ion Ratio Lower Upper

105 100

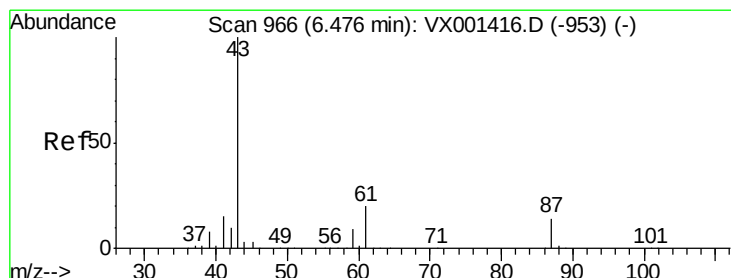
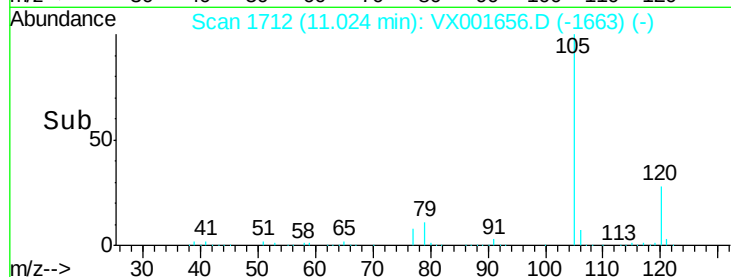
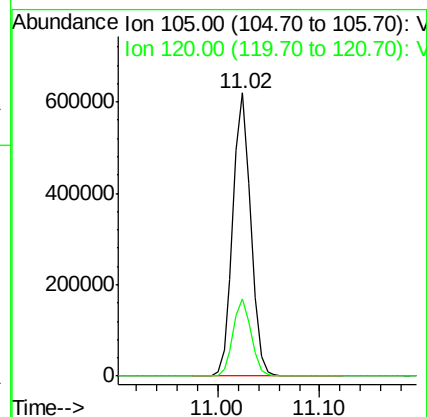
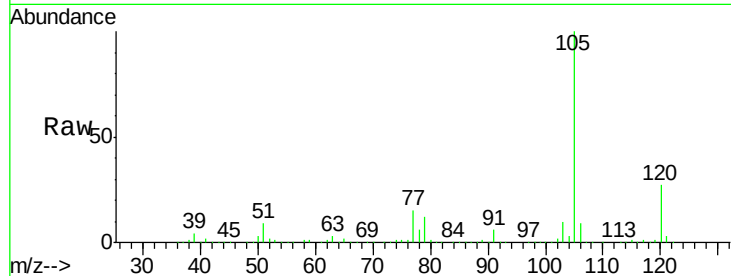
120 27.3 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.11 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion: 43 Resp: 338068

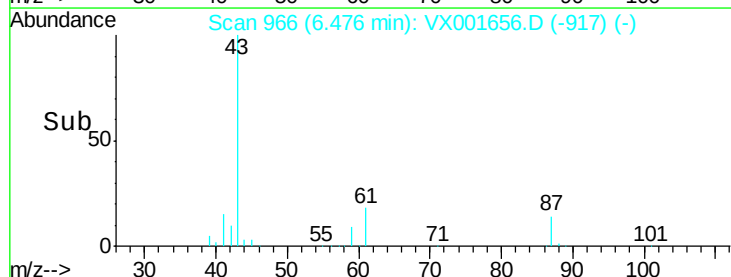
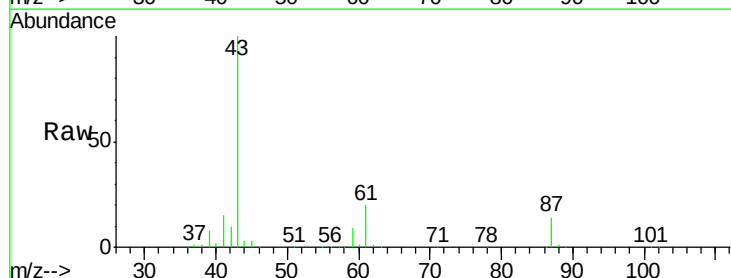
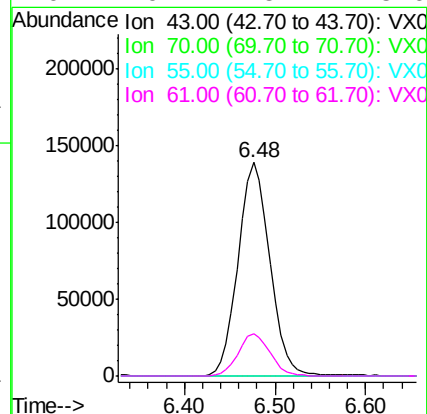
Ion Ratio Lower Upper

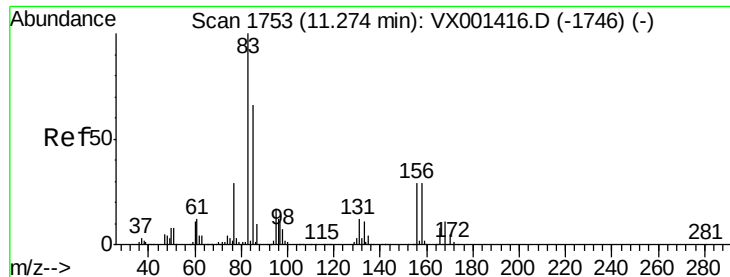
43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 19.7 15.4 23.0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.02 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

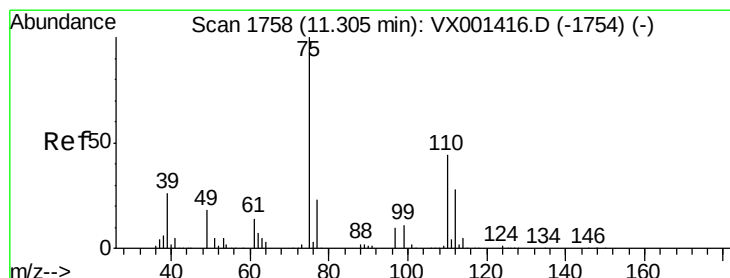
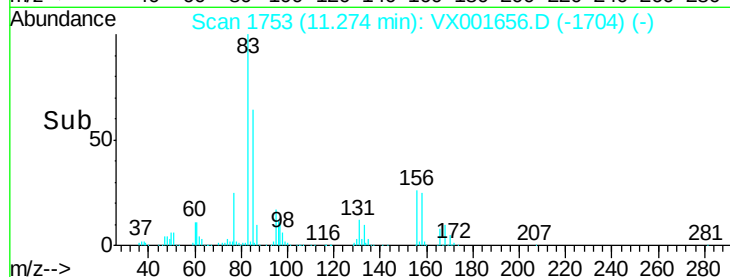
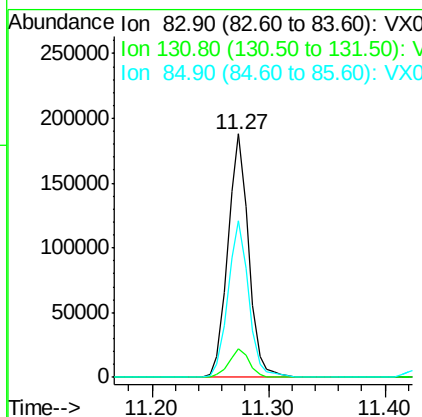
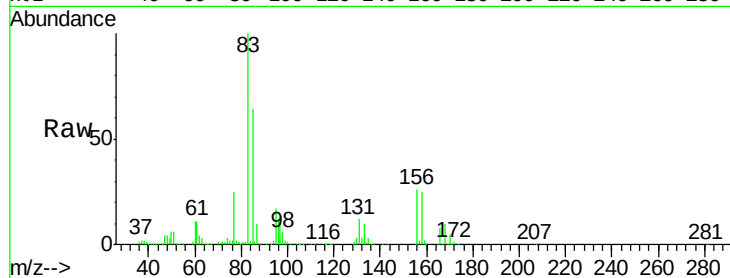
ClientSampleId :

J2741-07MSDMSD

Tot Ion:	83	Resp:	232580
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.8	17.4
85	64.0	32.7	98.1

Manual Integrations
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apatel
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#76

1,2,3-Trichloropropane

Concen: 50.03 ug/l m

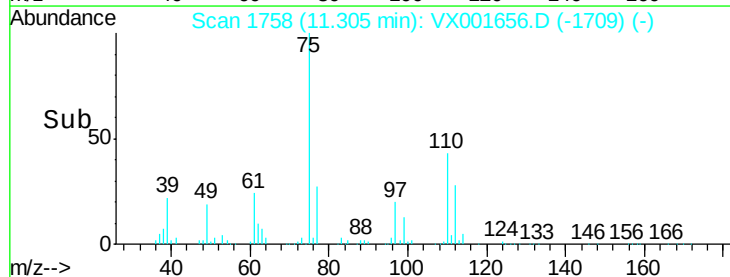
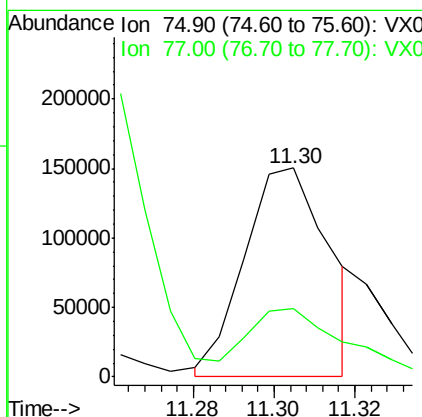
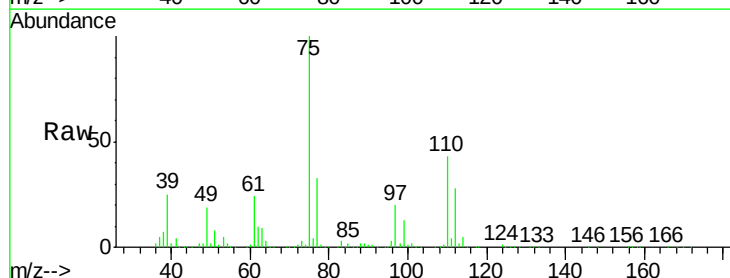
RT: 11.30 min Scan# 1758

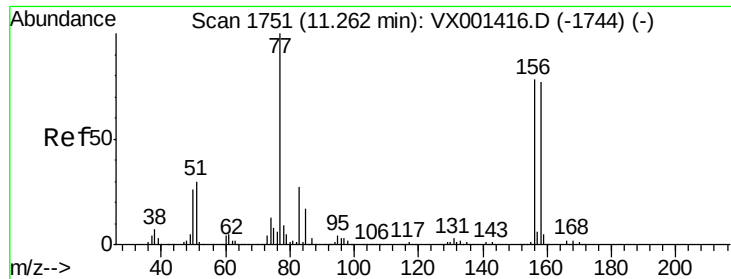
Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:	75	Resp:	217665
Ion Ratio	Lower	Upper	
75	100		
77	37.8	19.6	58.7





#77

Bromobenzene

Concen: 49.69 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion:156 Resp: 214549

Ion Ratio Lower Upper

156 100

77 130.8 66.0 198.2

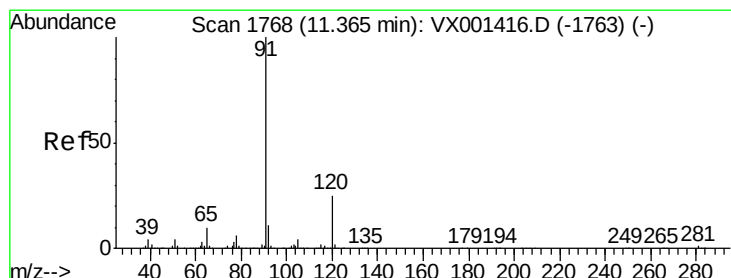
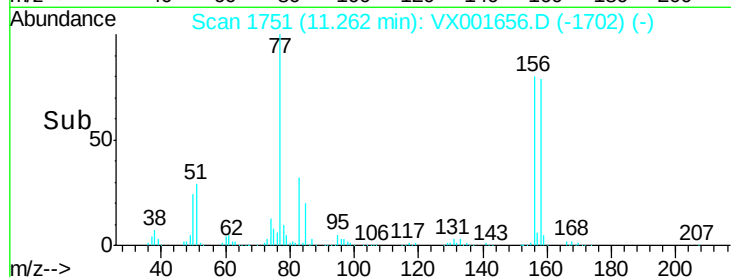
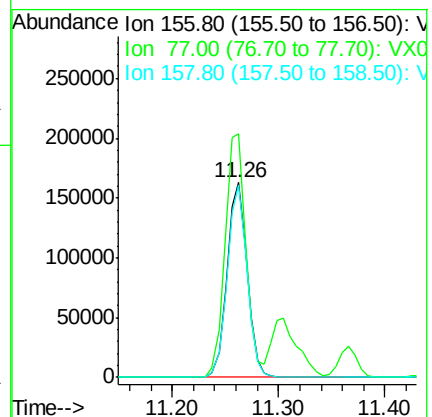
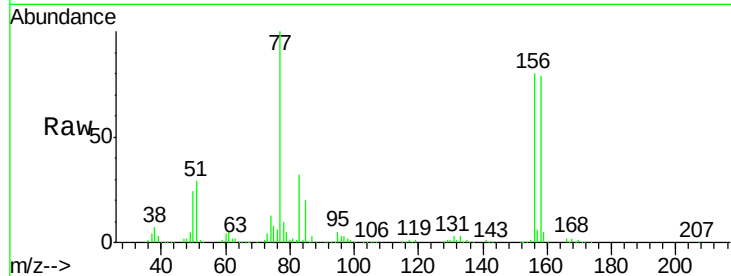
158 97.5 49.4 148.2

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#78

n-propylbenzene

Concen: 50.59 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001656.D

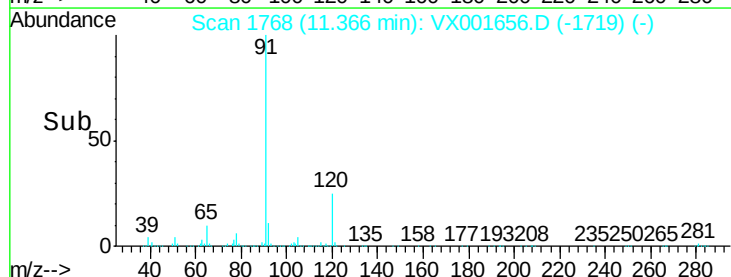
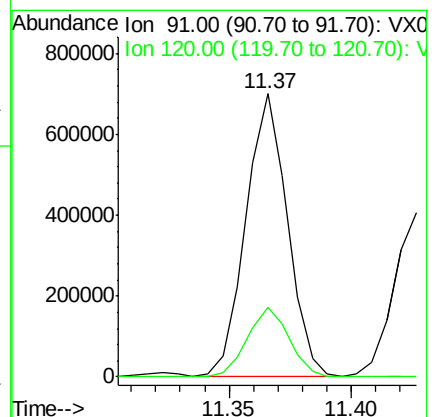
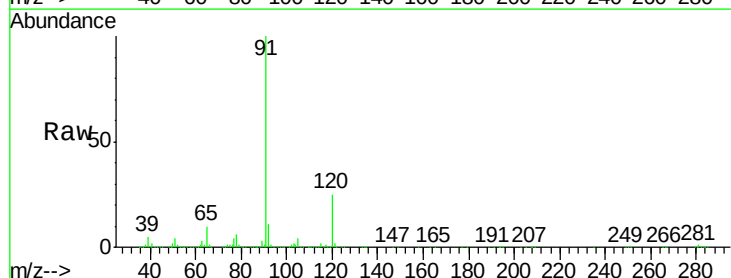
Acq: 11 May 2018 22:48

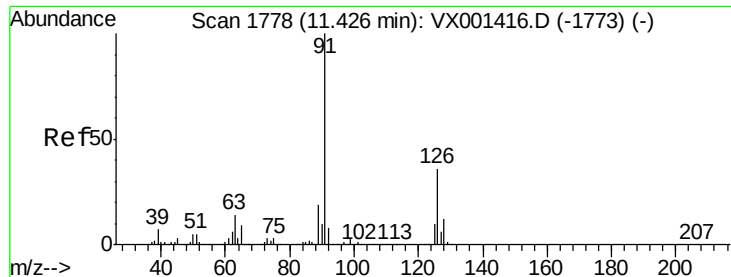
Tgt Ion: 91 Resp: 818167

Ion Ratio Lower Upper

91 100

120 24.9 12.5 37.5





#79

2-Chlorotoluene

Concen: 49.88 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion: 91 Resp: 496390

Ion Ratio Lower Upper

91 100

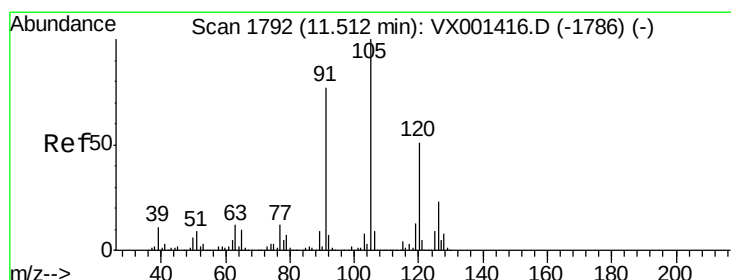
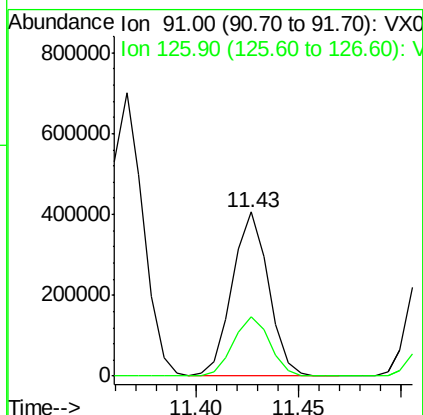
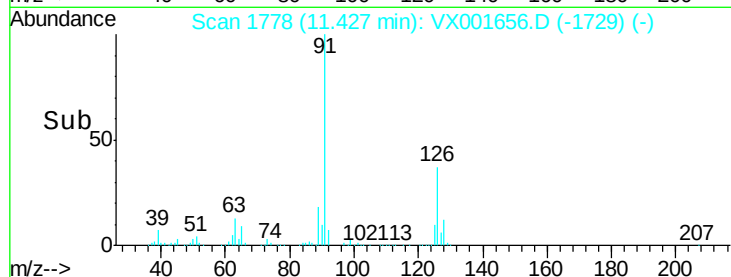
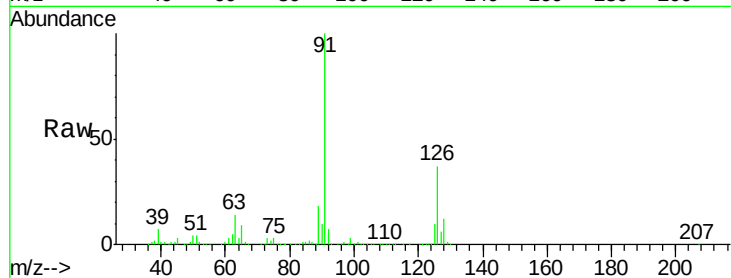
126 36.8 18.1 54.4

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.03 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001656.D

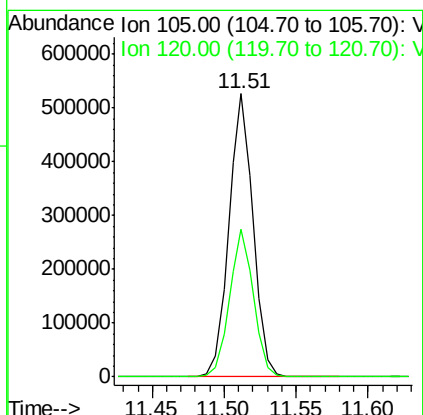
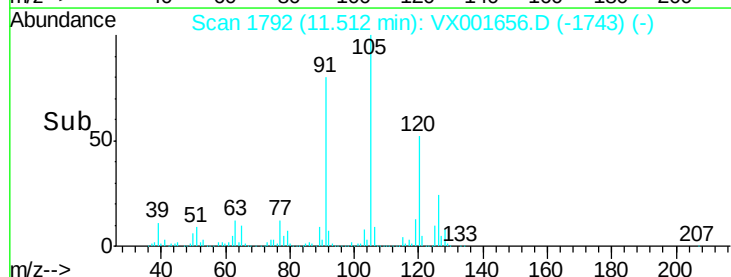
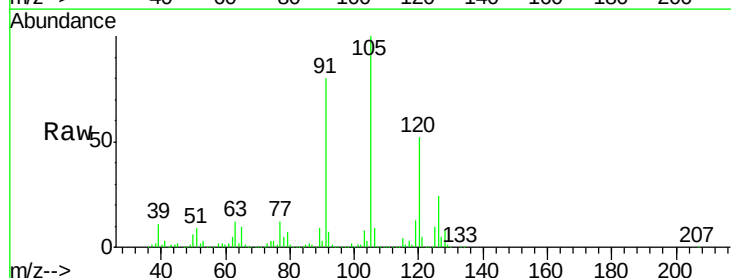
Acq: 11 May 2018 22:48

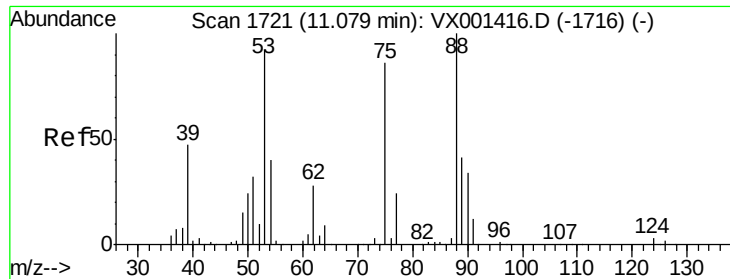
Tgt Ion: 105 Resp: 618673

Ion Ratio Lower Upper

105 100

120 51.7 25.7 77.1





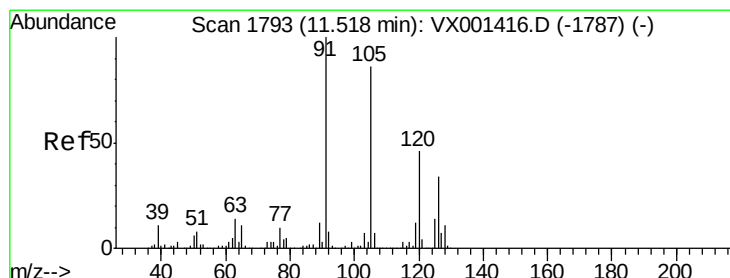
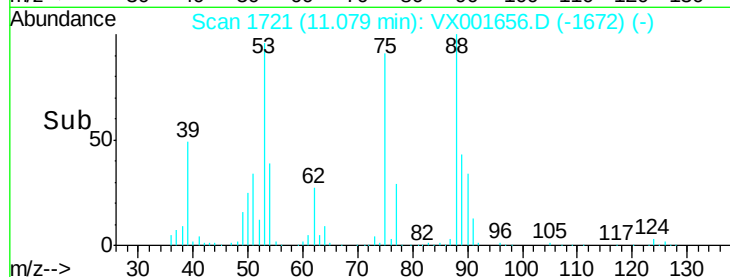
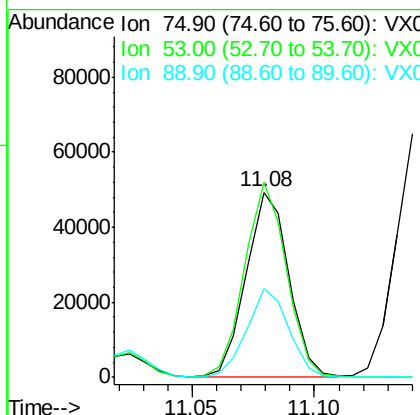
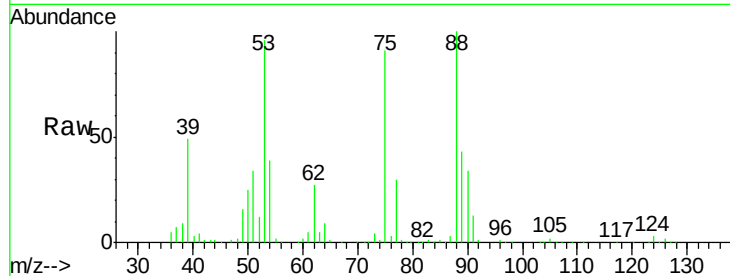
#81
trans-1,4-Dichloro-2-butene
Concen: 44.07 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.7	84.5	126.7
89	47.4	39.5	59.3

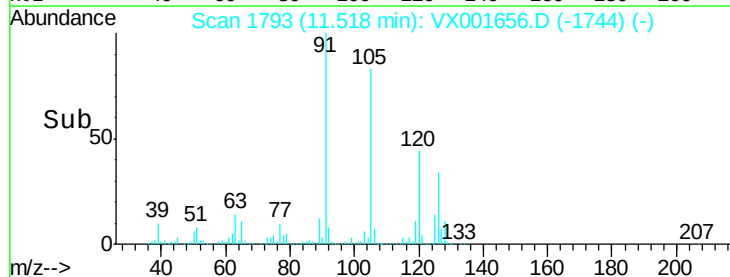
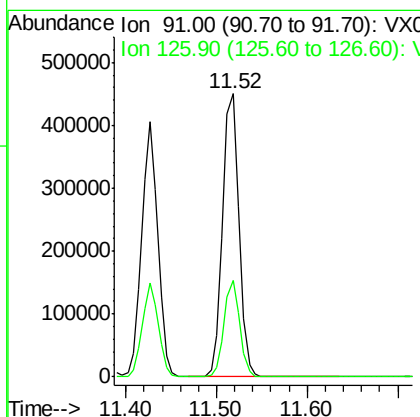
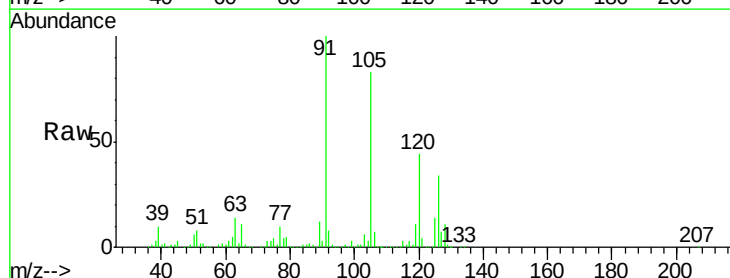
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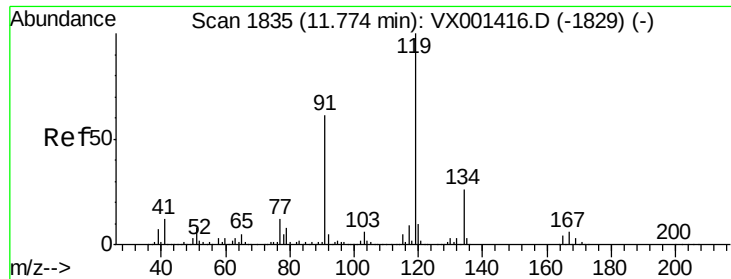
apatel
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#82
4-Chlorotoluene
Concen: 49.74 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.5





#83

tert-Butylbenzene

Concen: 52.68 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

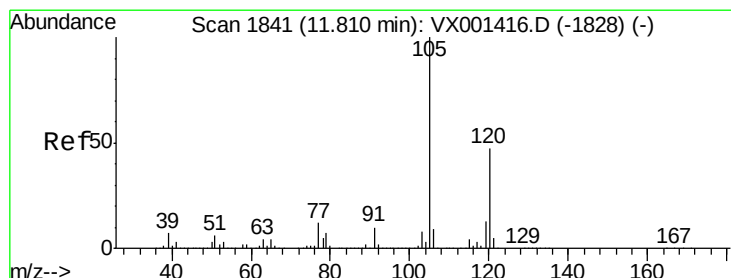
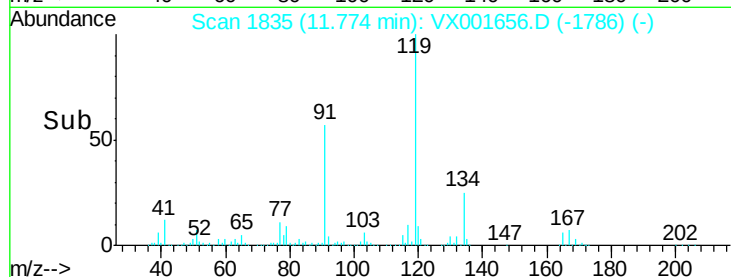
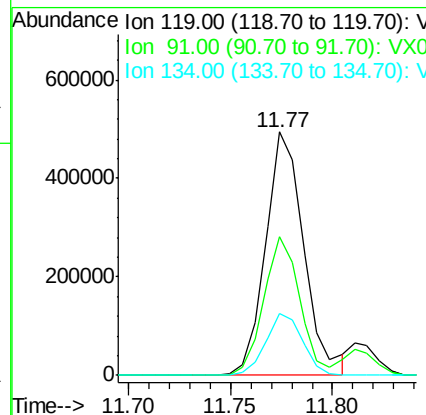
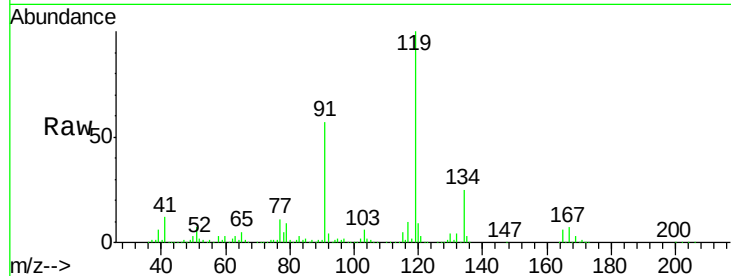
ClientSampleId :

J2741-07MSDMSD

Tot Ion:	119	Resp:	648141
Ion Ratio	Lower	Upper	
119	100		
91	53.3	27.8	83.3
134	24.5	12.4	37.0

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#84

1,2,4-Trimethylbenzene

Concen: 50.57 ug/l

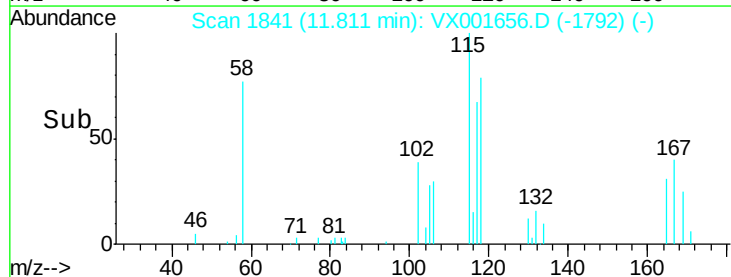
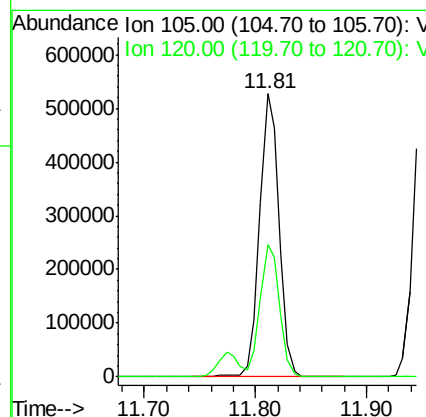
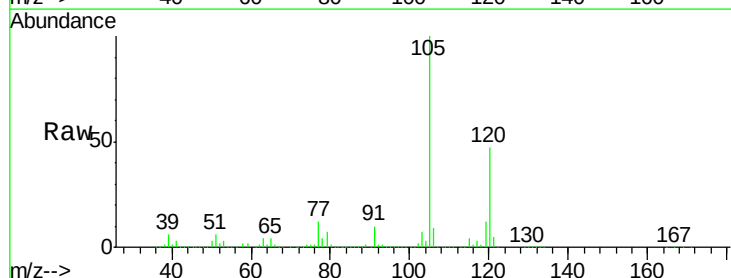
RT: 11.81 min Scan# 1841

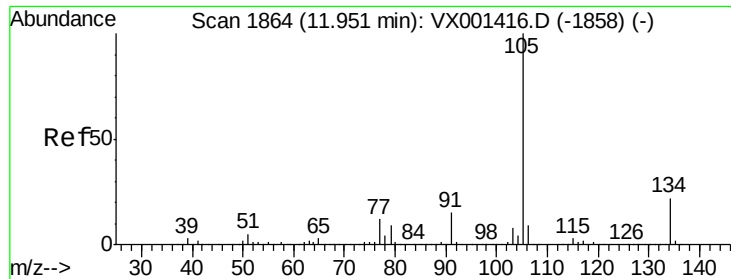
Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:	105	Resp:	642681
Ion Ratio	Lower	Upper	
105	100		
120	46.3	23.4	70.2





#85

sec-Butylbenzene

Concen: 51.15 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

J2741-07MSDMSD

Tot Ion:105 Resp: 755365

Ion Ratio Lower Upper

105 100

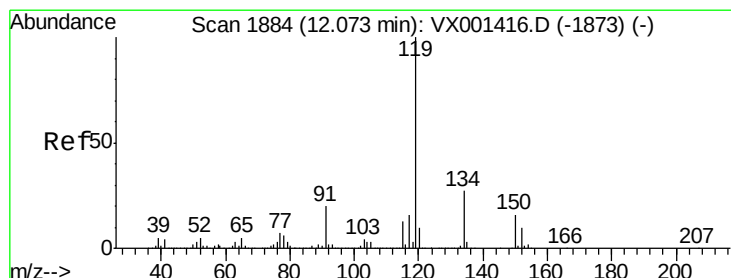
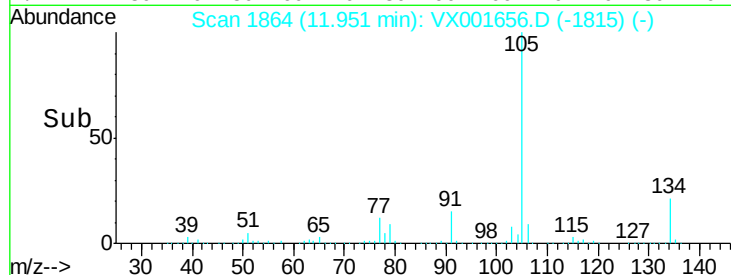
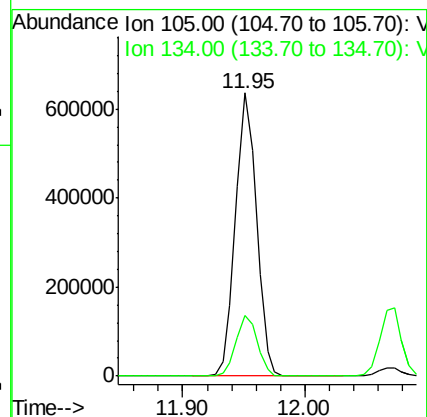
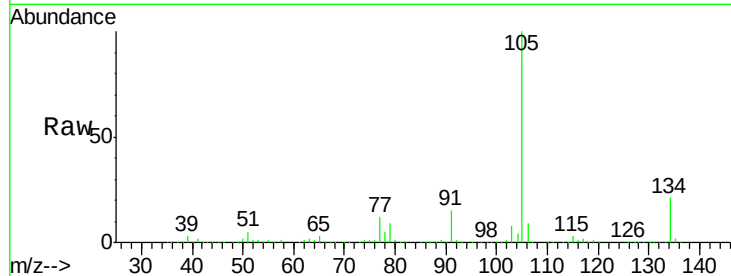
134 21.7 10.9 32.9

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#86

p-Isopropyltoluene

Concen: 50.87 ug/l

RT: 12.07 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

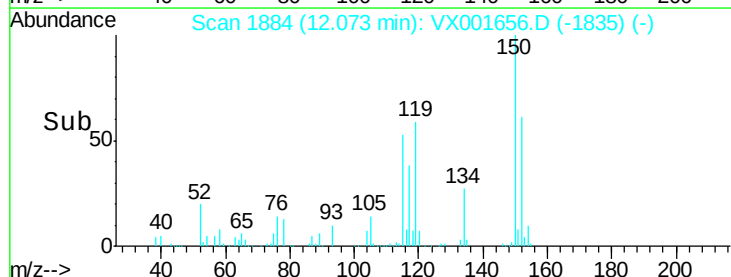
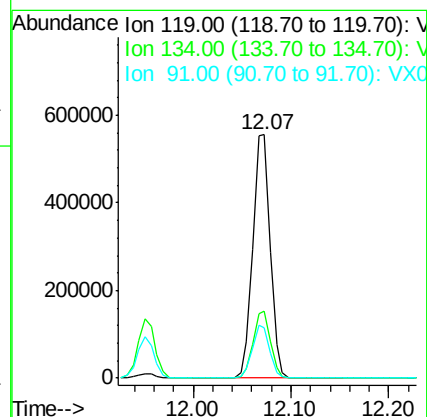
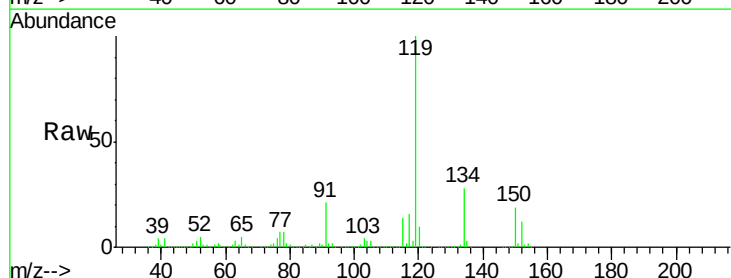
Tgt Ion:119 Resp: 689109

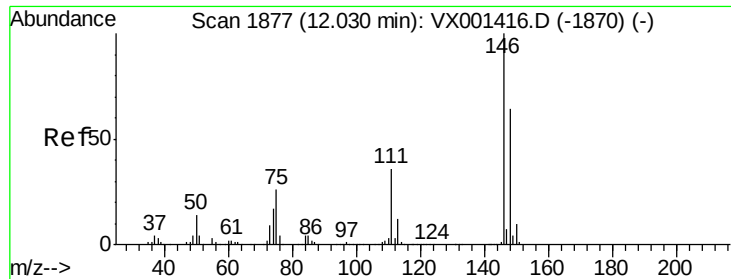
Ion Ratio Lower Upper

119 100

134 27.4 13.6 40.8

91 21.4 10.8 32.3





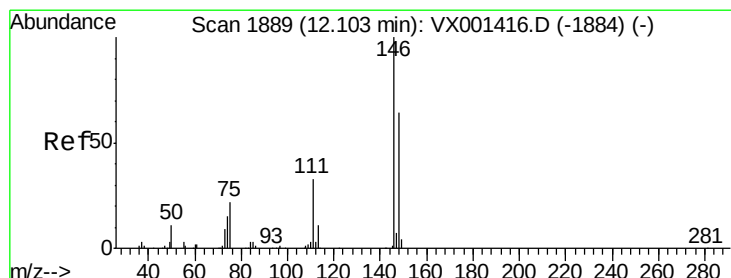
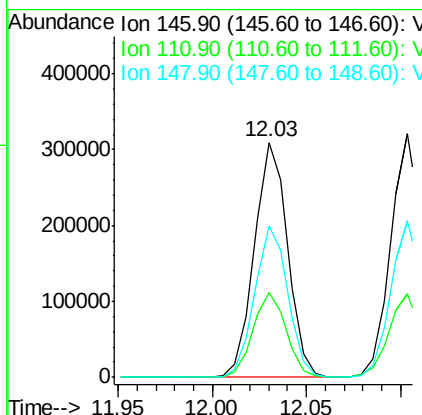
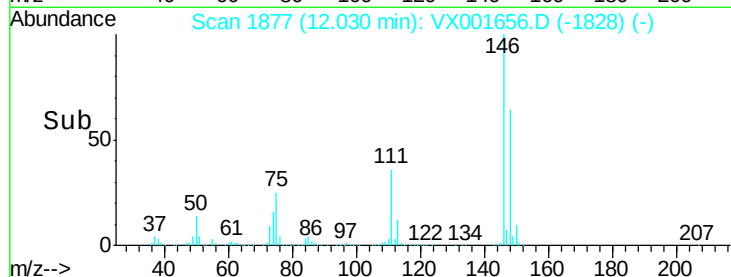
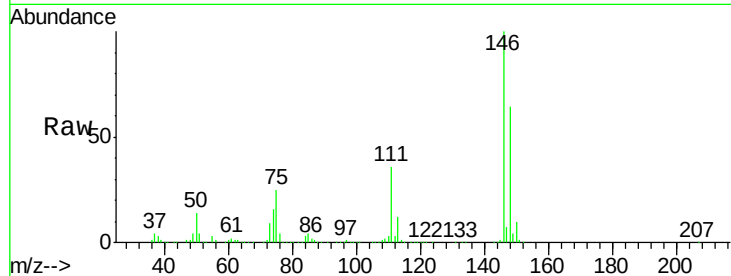
#87
 1,3-Dichlorobenzene
 Concen: 49.14 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.1
148	64.3	32.1	96.5

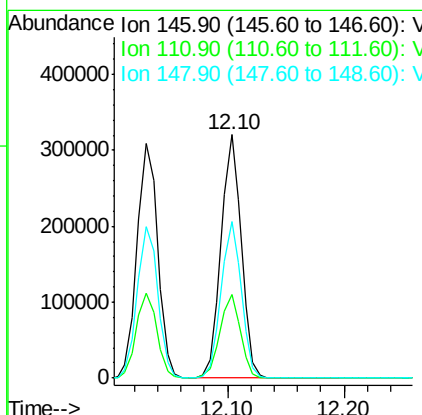
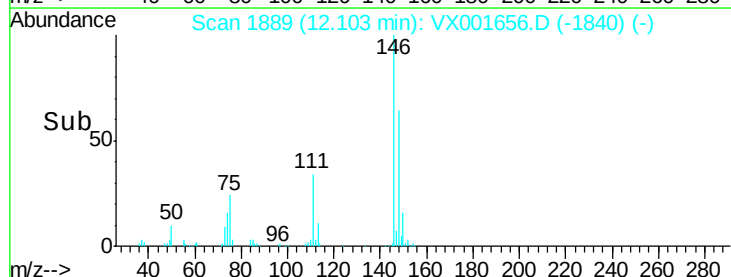
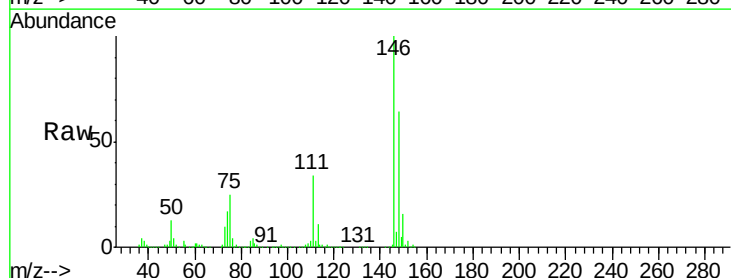
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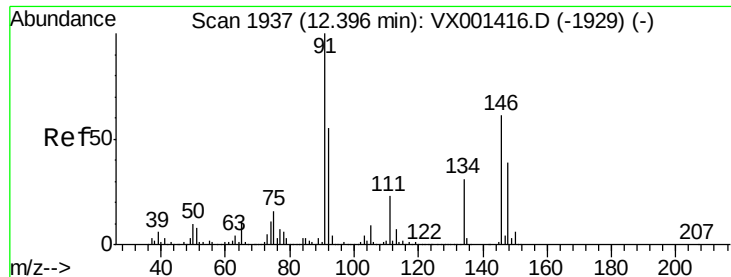
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#88
 1,4-Dichlorobenzene
 Concen: 48.69 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.7	17.4	52.3
148	64.3	32.2	96.6





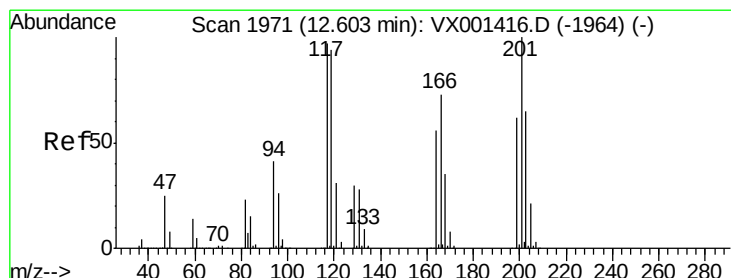
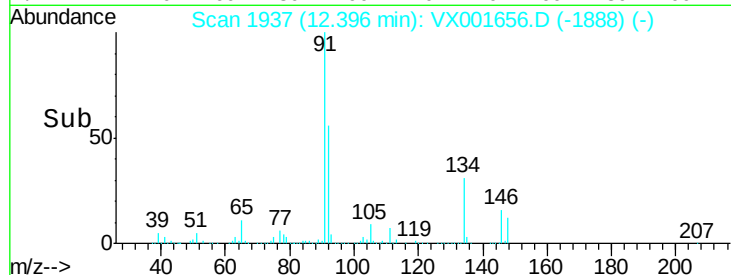
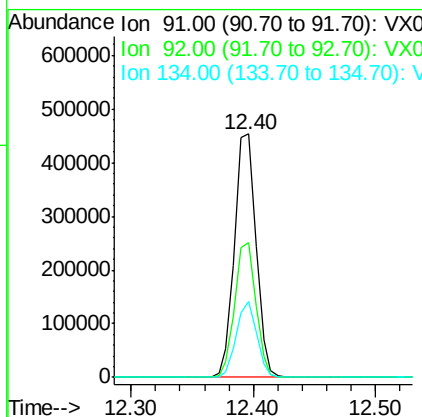
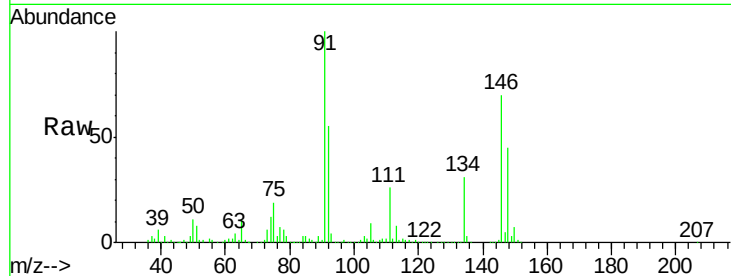
#89
n-Butylbenzene
Concen: 48.97 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSDMSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.5
134	29.4	14.6	44.0

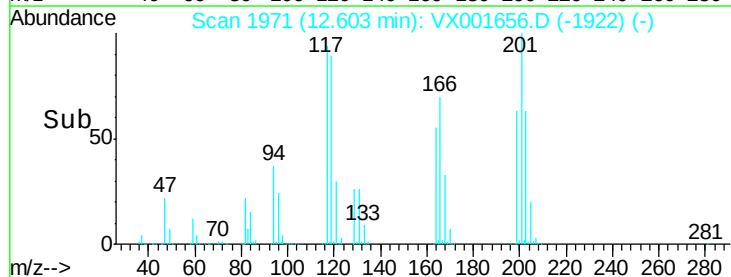
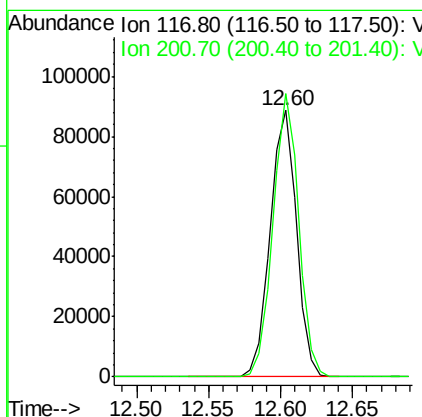
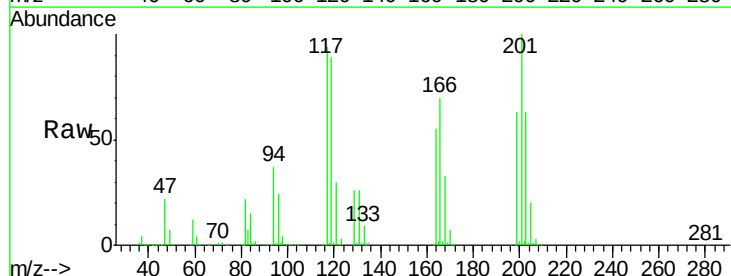
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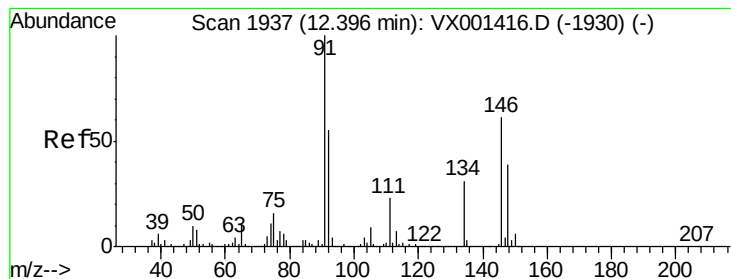
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#90
Hexachloroethane
Concen: 55.09 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001656.D
Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.4	51.5	154.5





#91

1,2-Dichlorobenzene

Concen: 49.49 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

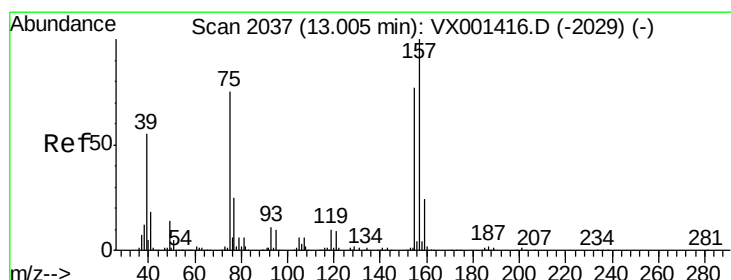
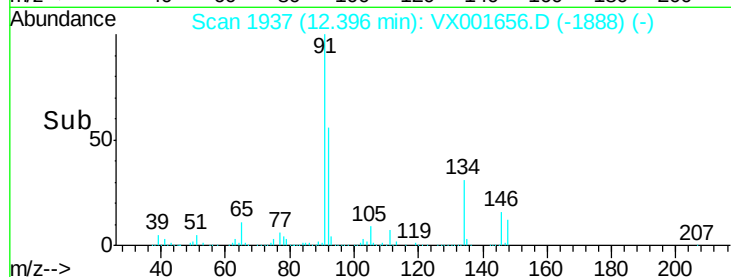
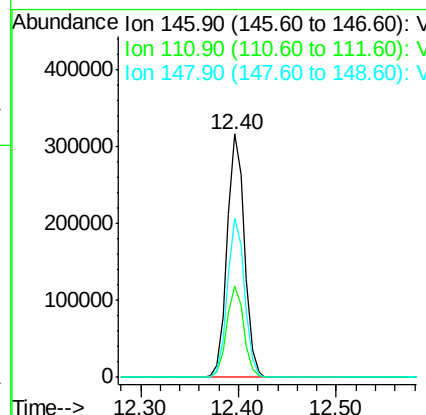
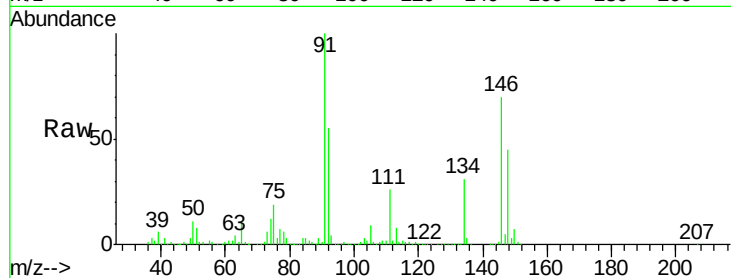
ClientSampleId :

J2741-07MSDMSD

Tot Ion:	146	Resp:	388641
Ion Ratio	Lower	Upper	
146	100		
111	37.1	18.6	55.8
148	64.6	32.1	96.5

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#92

1,2-Dibromo-3-Chloropropane

Concen: 54.06 ug/l

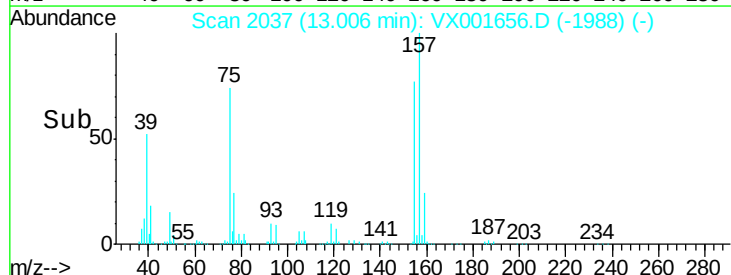
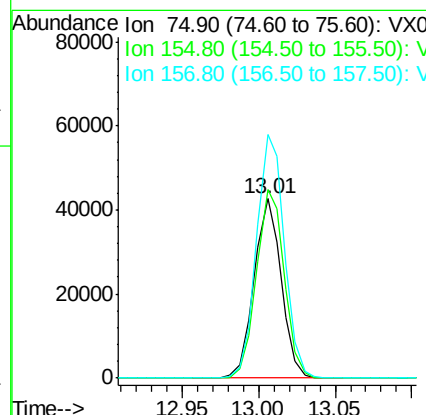
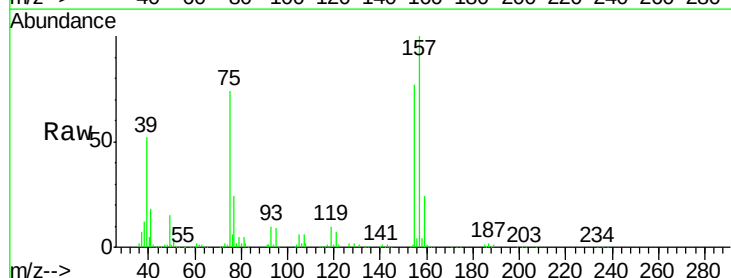
RT: 13.01 min Scan# 2037

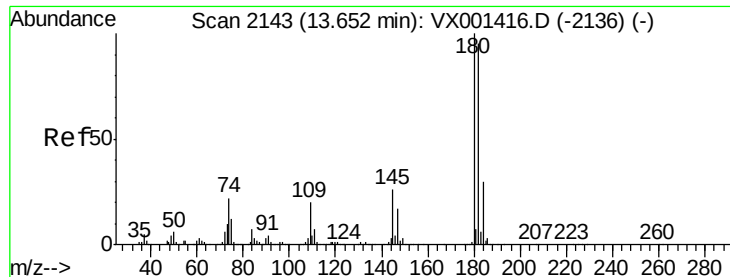
Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:	75	Resp:	52100
Ion Ratio	Lower	Upper	
75	100		
155	108.2	53.4	160.2
157	140.0	68.3	204.8





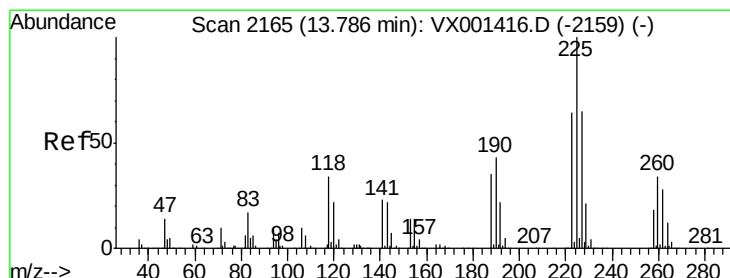
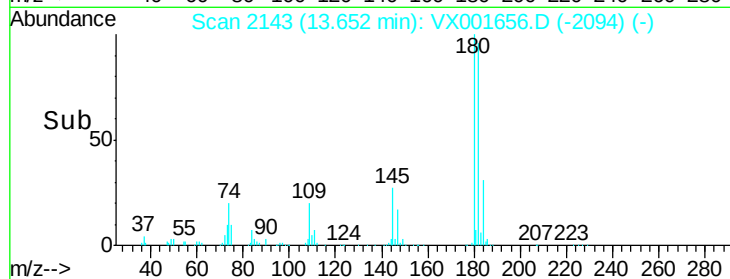
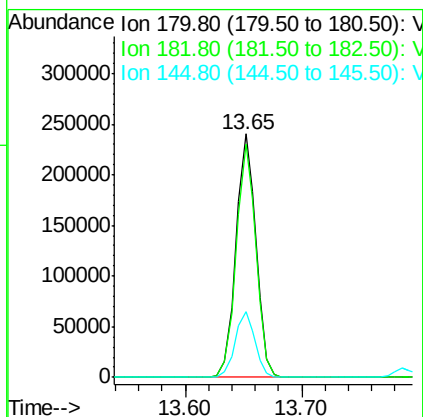
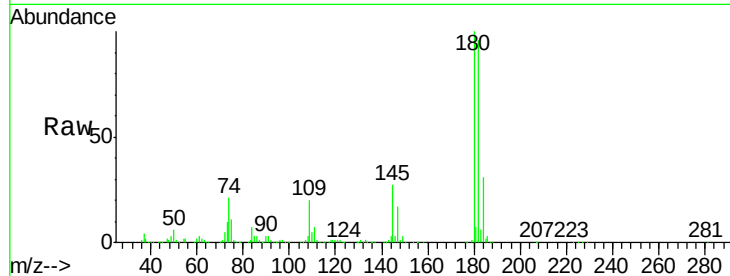
#93
 1,2,4-Trichlorobenzene
 Concen: 49.86 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSDMSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	286521		
182	95.0	47.8	143.4	
145	26.9	13.3	39.9	

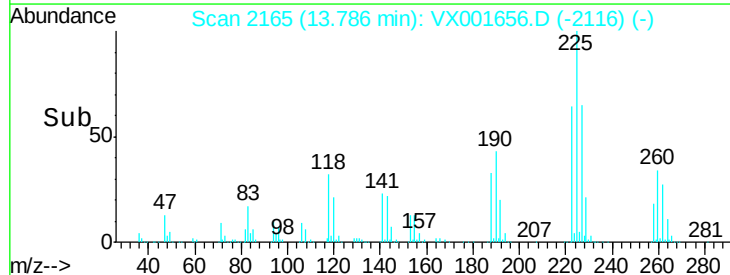
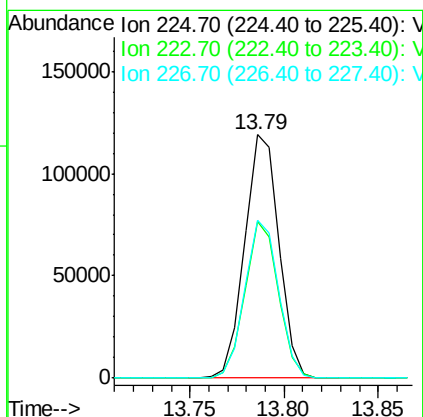
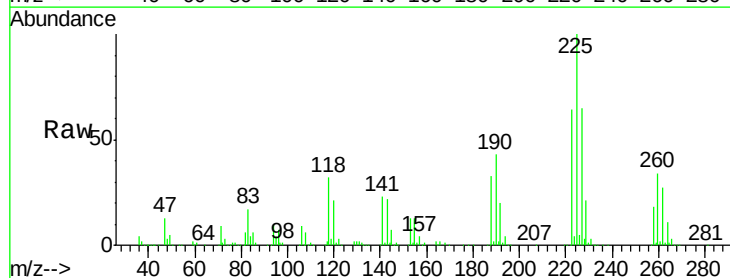
Manual Integrations
 APPROVED

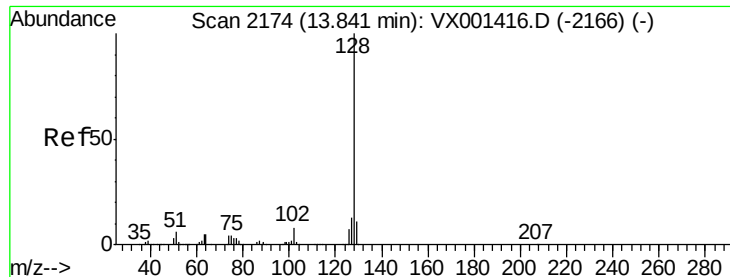
apatel
 5/14/2018 3:58:30 PM



#94
 Hexachlorobutadiene
 Concen: 47.77 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001656.D
 Acq: 11 May 2018 22:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150206		
223	62.6	31.3	93.9	
227	63.9	32.4	97.2	





#95

Naphthalene

Concen: 53.45 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Instrument :

MSVOA_X

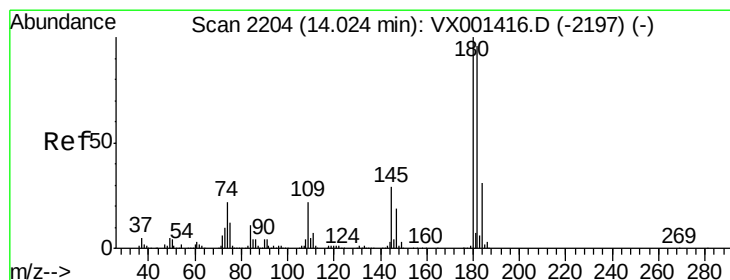
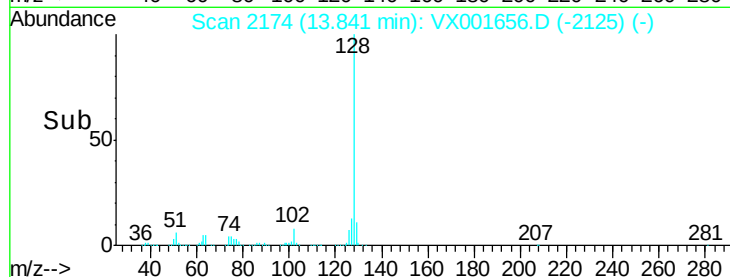
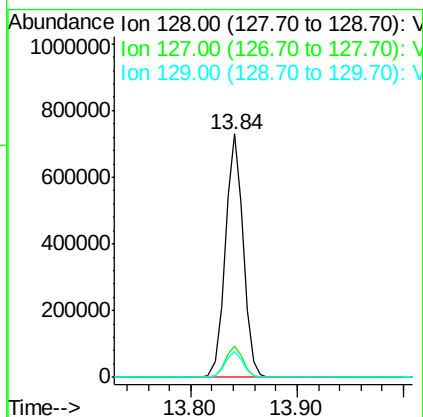
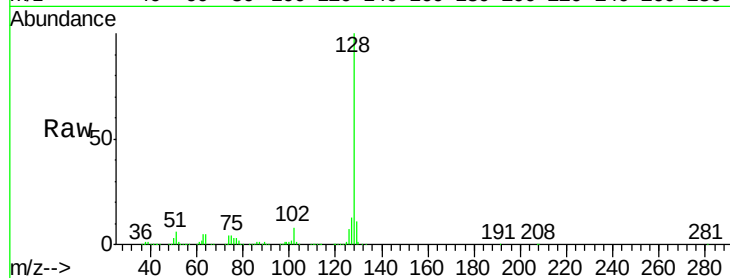
ClientSampleId :

J2741-07MSDMSD

Tot Ion:	128	Resp:	849515
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

apatel
5/14/2018 3:58:30 PM



#96

1,2,3-Trichlorobenzene

Concen: 50.81 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX001656.D

Acq: 11 May 2018 22:48

Tgt Ion:	180	Resp:	299593
Ion Ratio	Lower	Upper	
180	100		
182	96.4	48.0	144.2
145	27.9	14.1	42.4

