

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001621.D
 Acq On : 11 May 2018 00:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
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Quant Time: May 11 07:10:29 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 06:59:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	57686	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	314664	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	286791	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	124256	29.75	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.17%
60) 4-Bromofluorobenzene	11.15	95	138687	29.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.80%
63) Toluene-d8	8.72	98	382627	30.80	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.67%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	316631	87.66	ug/l	99
3) Chloromethane	1.32	50	320855	92.68	ug/l	100
4) Vinyl Chloride	1.40	62	343358	94.42	ug/l	99
5) Bromomethane	1.64	94	140541	52.84	ug/l	98
6) Chloroethane	1.71	64	223243	98.09	ug/l	95
7) Trichlorofluoromethane	1.92	101	507526	85.89	ug/l	99
8) Diethyl Ether	2.19	74	207861	97.11	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	290476	86.28	ug/l	98
10) 1,1-Dichloroethene	2.37	96	286347	92.28	ug/l	99
11) Methyl Iodide	2.51	142	457812	116.58	ug/l	99
12) Methyl Acetate	2.78	43	460176	107.48	ug/l	100
13) Acrolein	2.30	56	239608	482.40	ug/l	99
14) Acrylonitrile	3.16	53	922353	540.85	ug/l	100
15) Acetone	2.45	58	245344	478.56	ug/l	99
16) Carbon Disulfide	2.56	76	766219	94.35	ug/l	99
17) Allyl chloride	2.73	41	541040	97.38	ug/l	96
18) Methylene Chloride	2.85	84	318977	93.46	ug/l	97
19) trans-1,2-Dichloroethene	3.16	96	308274	92.30	ug/l	99
20) Diisopropyl ether	3.88	45	1028799	95.00	ug/l	99
21) 1,1-Dichloroethane	3.70	63	561652	95.92	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	350157	94.19	ug/l	97
23) tert-Butyl Alcohol	3.10	59	404979	569.91	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	995257	92.81	ug/l	99
25) Chloroform	5.22	83	587192	92.45	ug/l	97
26) Cyclohexane	5.57	56	486218	94.14	ug/l	# 99
29) 1,1-Dichloropropene	5.81	75	436495	94.87	ug/l	100
30) 2-Butanone	4.72	43	1275867	517.29	ug/l	100
31) 2,2-Dichloropropane	4.59	77	354567	73.86	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	531105	94.72	ug/l	99
33) Carbon Tetrachloride	5.79	117	485154	95.92	ug/l	98
34) Benzene	6.15	78	1297125	94.35	ug/l	99
35) Methacrylonitrile	5.07	41	279107	102.30	ug/l	96
36) 1,2-Dichloroethane	6.21	62	485270	91.02	ug/l	100
37) Trichloroethene	7.22	130	390418	93.88	ug/l	100
38) Methylcyclohexane	7.46	83	506641	95.19	ug/l	97
39) 1,2-Dichloropropane	7.52	63	319364	91.65	ug/l	99
40) Dibromomethane	7.67	93	226144	91.89	ug/l	99

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Manual Integrations
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Quant Time: May 11 07:10:29 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 06:59:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	450914	97.06	ug/l	99
42) Vinyl Acetate	3.83	43	4419062	473.48	ug/l	99
43) Ethyl Acetate	4.87	43	496726	104.20	ug/l	99
44) Isopropyl Acetate	6.48	43	790219	100.10	ug/l	99
45) 1,4-Dioxane	7.77	88	184310	2400.26	ug/l	97
46) Methyl methacrylate	7.79	41	425812	102.71	ug/l	97
47) n-amyl Acetate	10.91	43	716704	96.25	ug/l	97
48) t-1,3-Dichloropropene	8.45	75	519007	95.93	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	465882	91.33	ug/l	97
50) 1,1,2-Trichloroethane	9.22	97	333996	91.30	ug/l	98
51) Ethyl methacrylate	9.19	69	521358	100.16	ug/l	98
52) 1,3-Dichloropropane	9.38	76	553092	93.29	ug/l	98
53) Dibromochloromethane	9.59	129	377101	94.26	ug/l	99
54) 1,2-Dibromoethane	9.68	107	357018	90.88	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	1320900	509.39	ug/l	100
56) Bromoform	10.87	173	327118	99.72	ug/l	99
58) 4-Methyl-2-Pentanone	8.66	43	2628826	535.21	ug/l	97
59) 2-Hexanone	9.51	43	1967084	517.44	ug/l	99
61) Tetrachloroethene	9.34	164	444454	101.54	ug/l	98
62) Toluene	8.79	91	1453026	94.96	ug/l	100
64) Chlorobenzene	10.15	112	953380	92.54	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	361649	96.09	ug/l	100
66) Ethyl Benzene	10.26	91	1585010	93.95	ug/l	98
67) m/p-Xylenes	10.37	106	1267292	187.98	ug/l	98
68) o-Xylene	10.71	106	620517	95.36	ug/l	99
69) Styrene	10.72	104	1040033	96.01	ug/l	99
70) Isopropylbenzene	11.02	105	1644114	93.48	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	499354	94.64	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	480044m	100.89	ug/l	
73) Bromobenzene	11.26	156	471529	91.78	ug/l	99
74) n-propylbenzene	11.37	91	1860730	93.90	ug/l	99
75) 2-Chlorotoluene	11.43	91	1100665	91.35	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	1384543	92.41	ug/l	99
77) t-1,4-Dichloro-2-butene	11.08	75	146748	104.69	ug/l	87
78) 4-Chlorotoluene	11.52	91	1276649	89.74	ug/l	100
79) tert-butylbenzene	12.07	119	1543787	96.42	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	1408420	92.58	ug/l	99
81) sec-Butylbenzene	11.95	105	1675971	96.46	ug/l	100
82) p-Isopropyltoluene	12.07	119	1543787	96.42	ug/l	99
83) 1,3-Dichlorobenzene	12.03	146	850062	91.37	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	861950	91.26	ug/l	99
85) n-Butylbenzene	12.40	91	1305240	95.54	ug/l	99
86) Hexachloroethane	12.60	117	255571	103.72	ug/l	96
87) 1,2-Dichlorobenzene	12.40	146	863818	92.78	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	123188	109.45	ug/l	93
89) 1,2,4-Trichlorobenzene	13.65	180	668471	96.24	ug/l	99
90) Hexachlorobutadiene	13.79	225	346730	104.03	ug/l	98
91) Naphthalene	13.84	128	1913052	103.45	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	676755	97.21	ug/l	100

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VSTDICC100

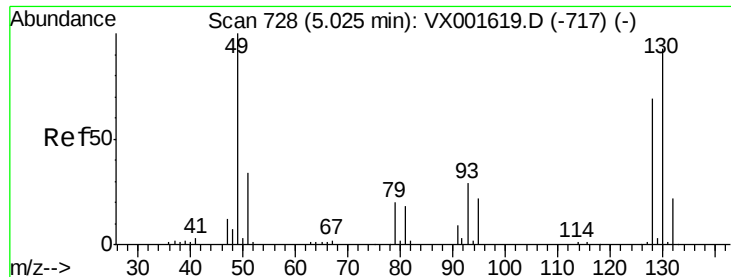
Manual Integrations
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Quant Time: May 11 07:10:29 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



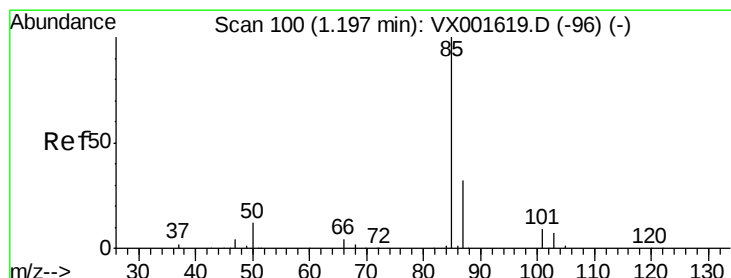
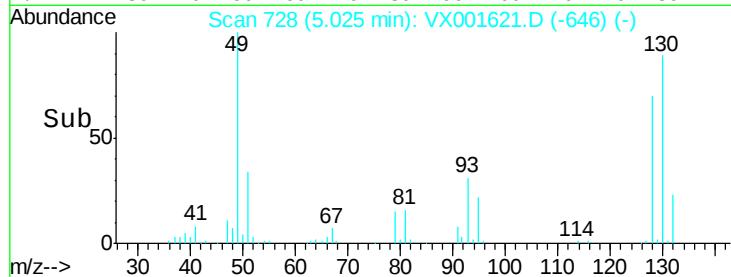
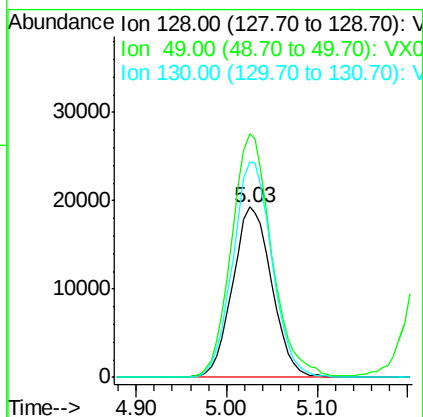
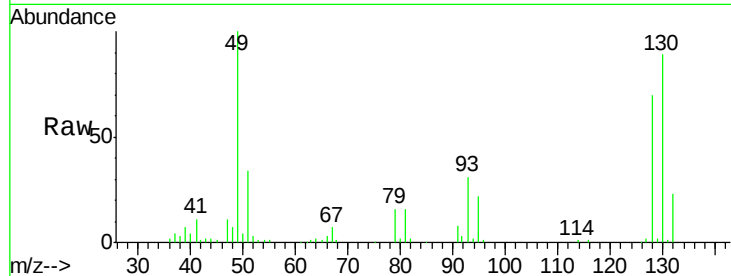
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 5.03 min Scan# 728
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	147.3	0.0	372.0
130	127.3	0.0	326.5

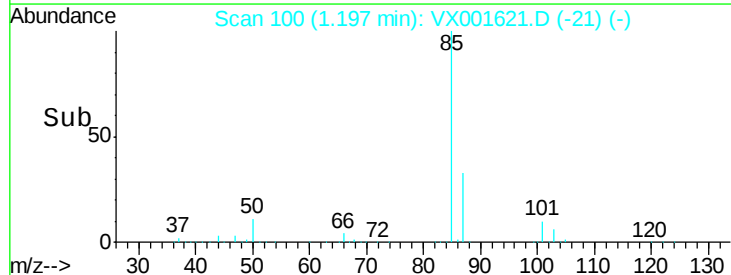
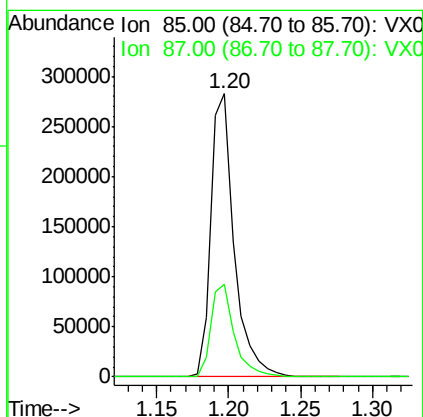
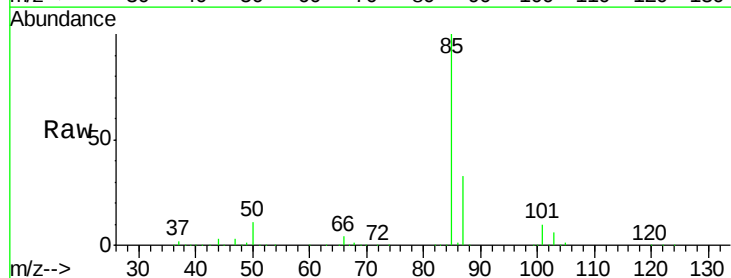
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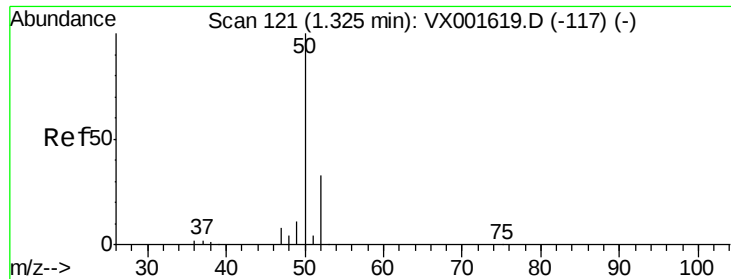
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#2
Dichlorodifluoromethane
Concen: 87.66 ug/l
RT: 1.20 min Scan# 100
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.3	48.8





#3

Chloromethane

Concen: 92.68 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 320855

Ion Ratio Lower Upper

50 100

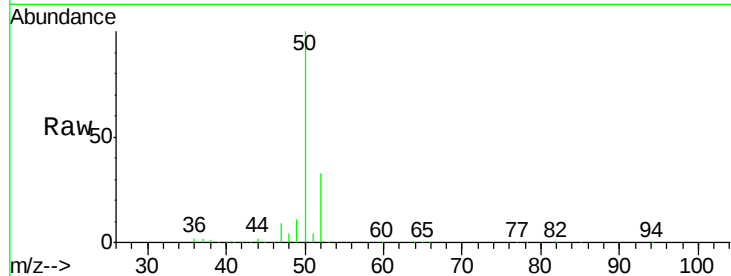
52 32.9 26.4 39.6

Manual Integrations

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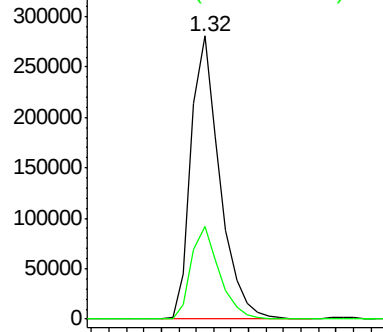
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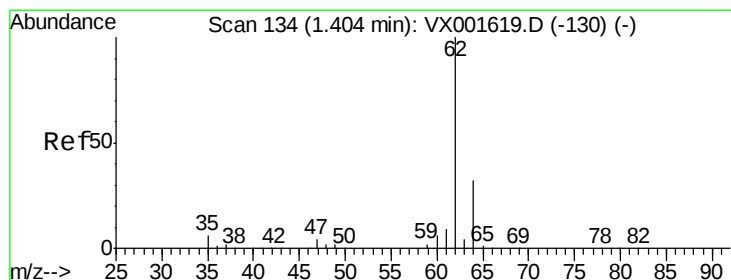
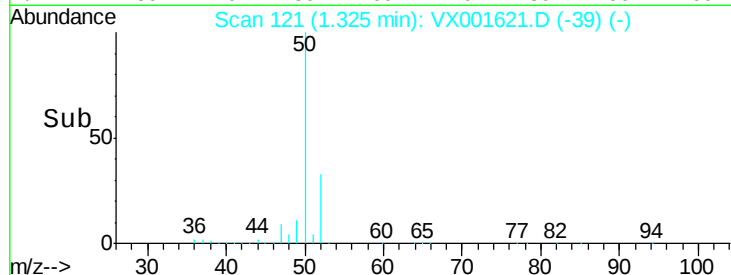


Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



Time-->



#4

Vinyl Chloride

Concen: 94.42 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001621.D

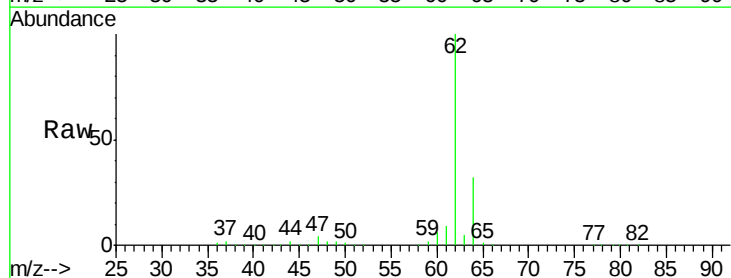
Acq: 11 May 2018 00:22

Tgt Ion: 62 Resp: 343358

Ion Ratio Lower Upper

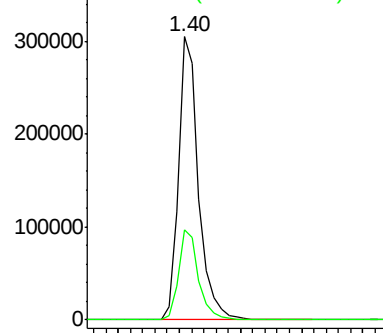
62 100

64 31.8 25.9 38.9

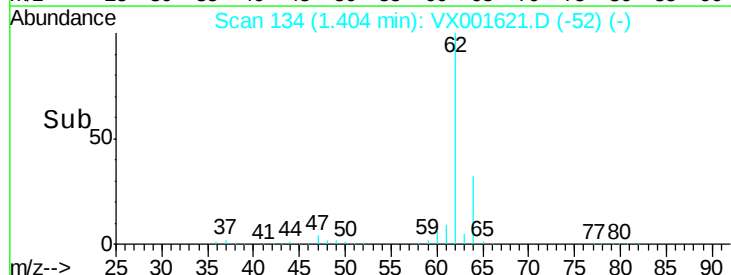


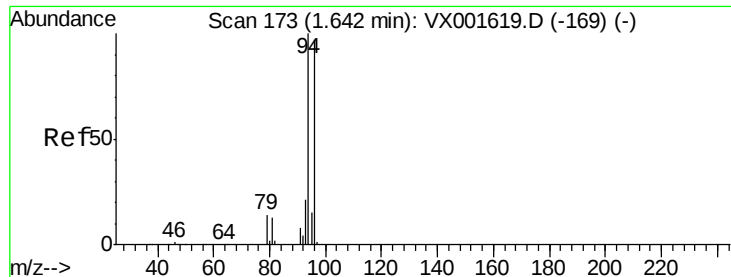
Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0



Time-->





#5

Bromomethane

Concen: 52.84 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 94 Resp: 140541

Ion Ratio Lower Upper

94 100

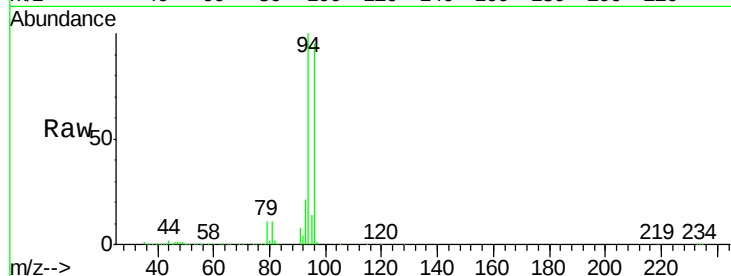
96 94.8 77.8 116.8

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

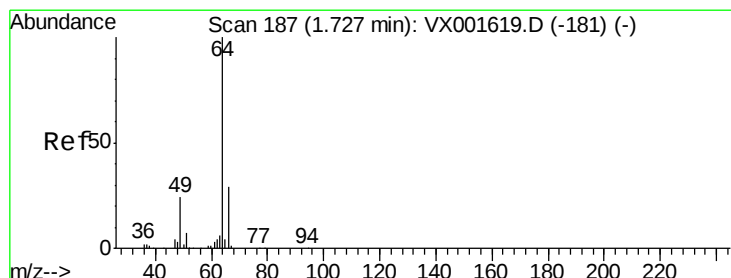
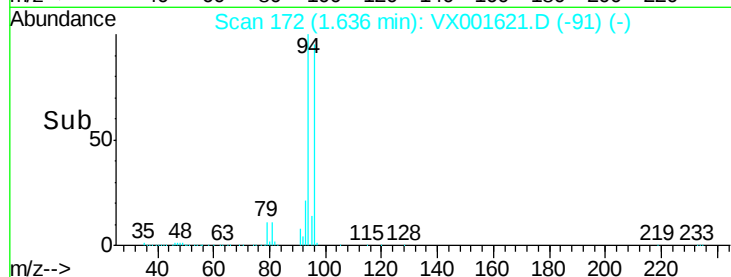
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 98.09 ug/l

RT: 1.71 min Scan# 184

Delta R.T. -0.02 min

Lab File: VX001621.D

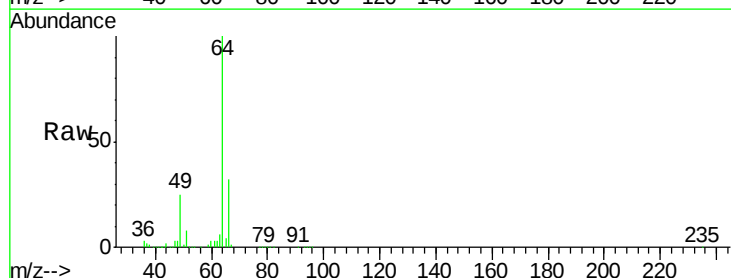
Acq: 11 May 2018 00:22

Tgt Ion: 64 Resp: 223243

Ion Ratio Lower Upper

64 100

66 31.8 23.4 35.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.71

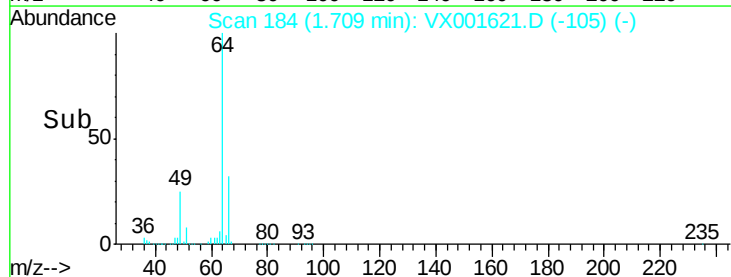
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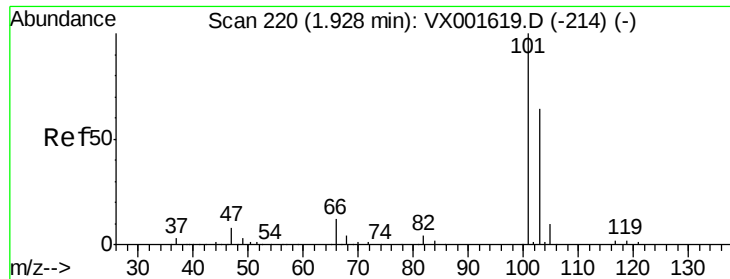
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Time-->





#7

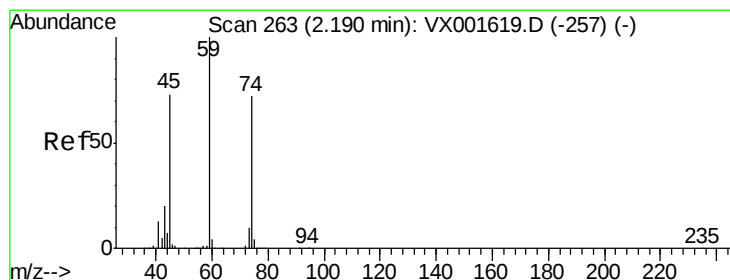
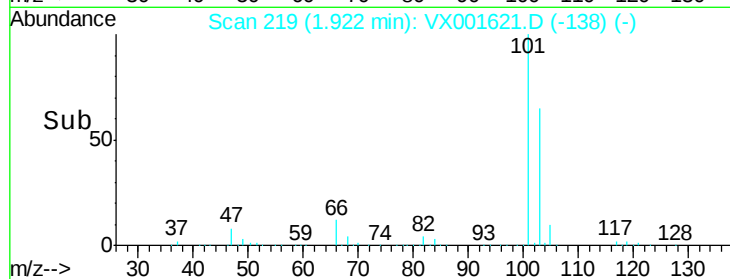
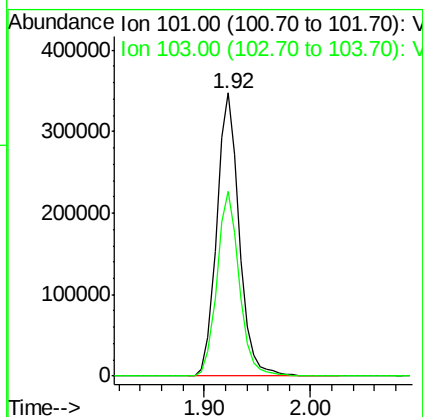
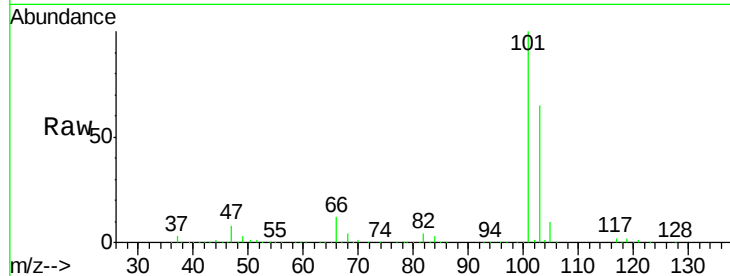
Trichlorofluoromethane
 Concen: 85.89 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	51.4	77.0

Manual Integrations
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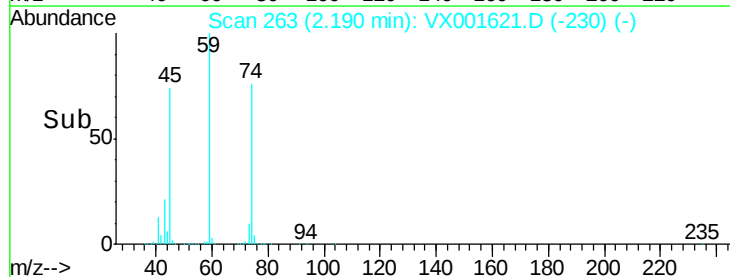
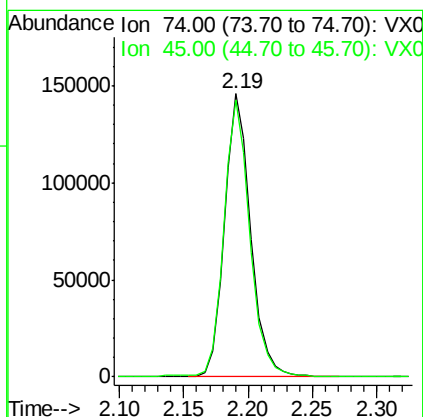
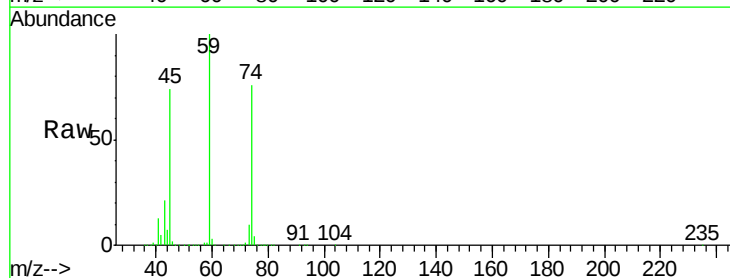
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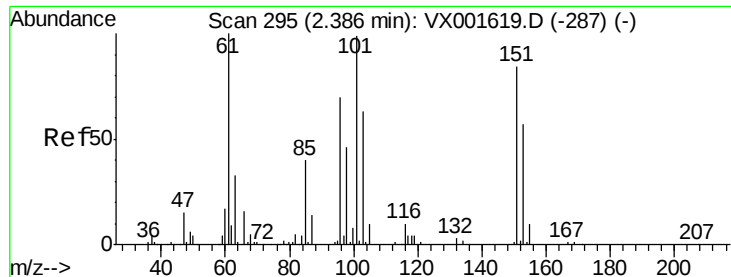


#8

Diethyl Ether
 Concen: 97.11 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	19.4	174.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 86.28 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

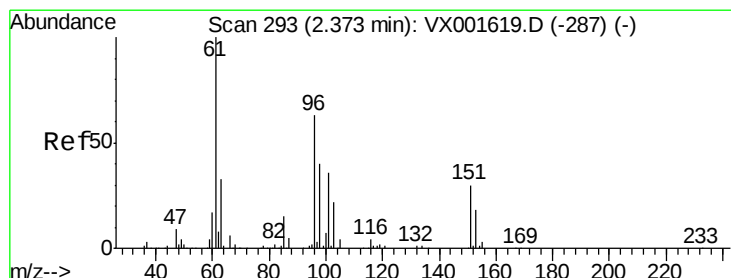
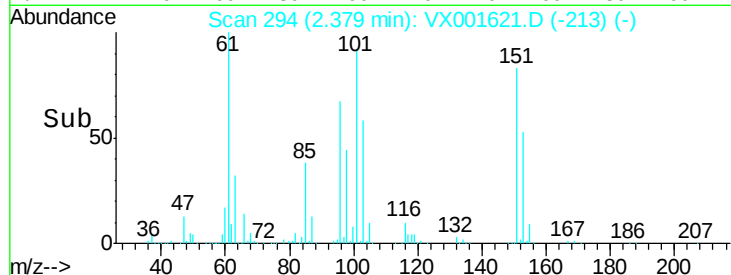
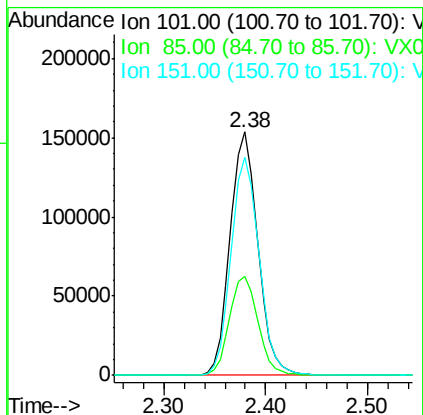
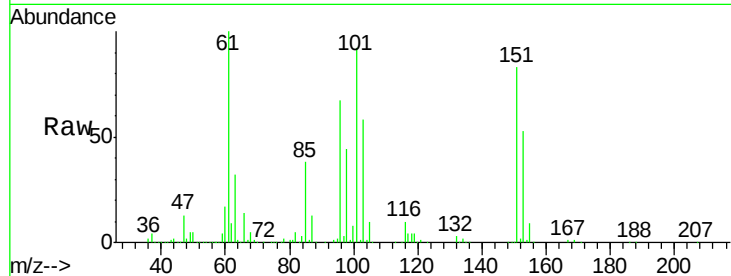
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	290476
Ion Ratio	Lower	Upper	
101	100		
85	41.9	0.0	84.0
151	90.3	0.0	176.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 92.28 ug/l

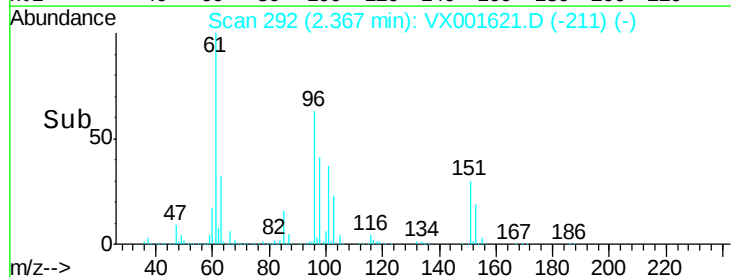
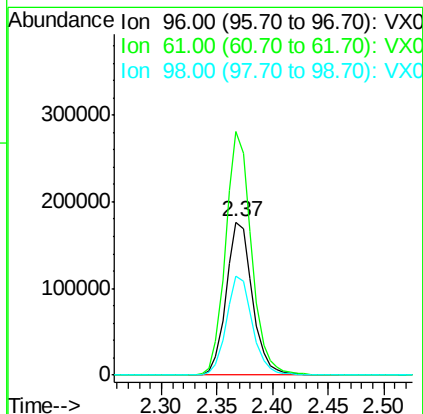
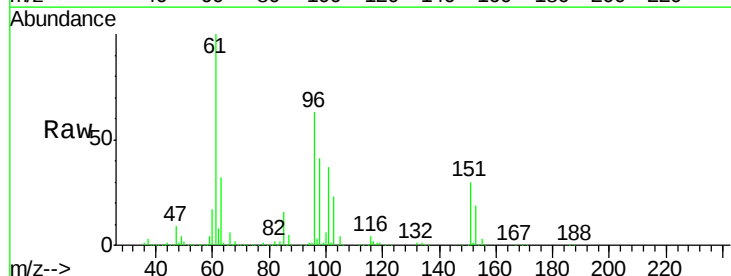
RT: 2.37 min Scan# 292

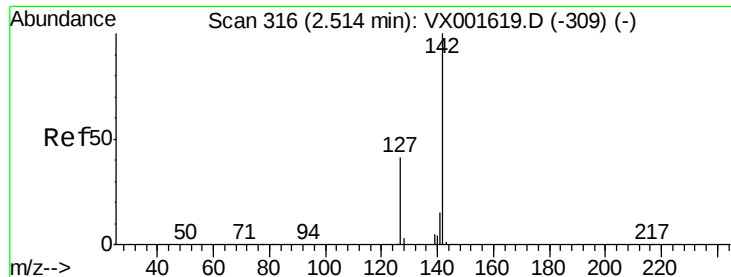
Delta R.T. -0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Tgt Ion:	96	Resp:	286347
Ion Ratio	Lower	Upper	
96	100		
61	158.8	126.5	189.7
98	64.4	50.6	75.8





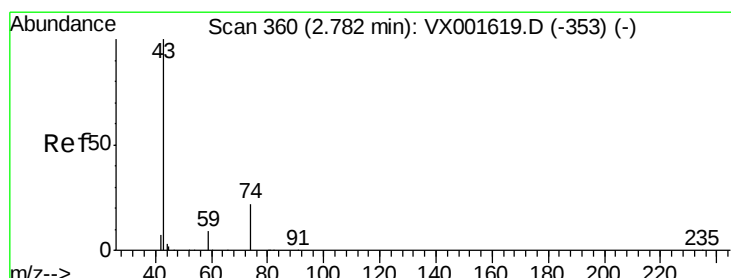
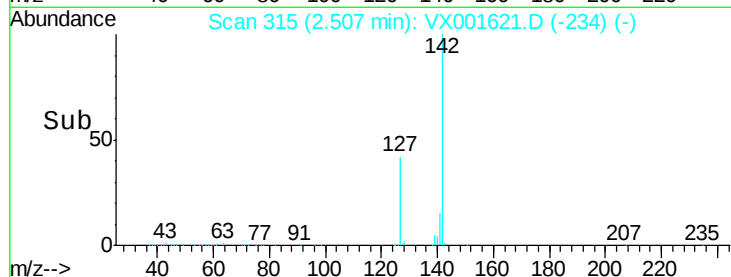
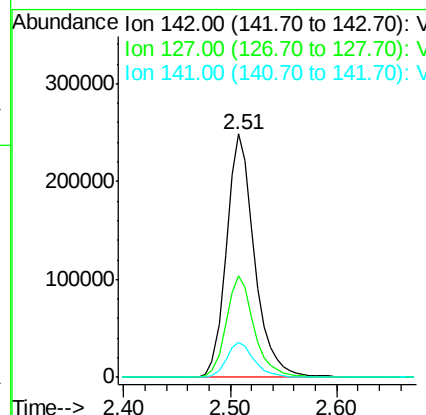
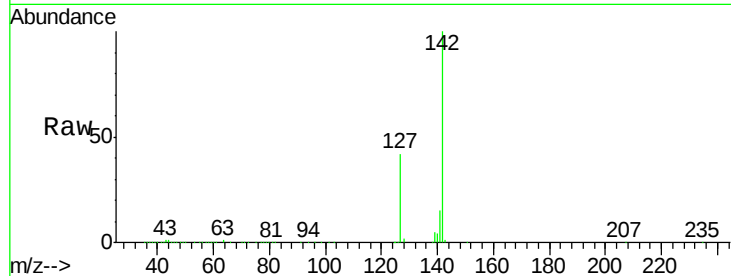
#11
Methvl Iodide
Concen: 116.58 ug/l
RT: 2.51 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.6	20.7	62.1
141	14.6	7.4	22.3

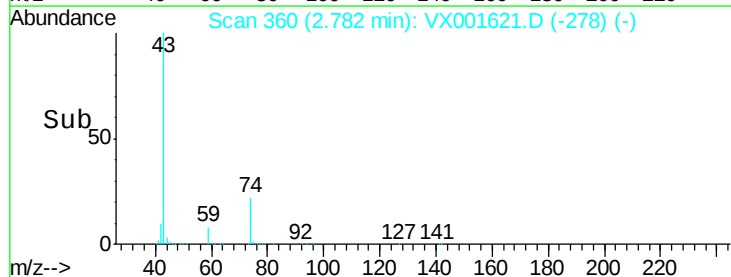
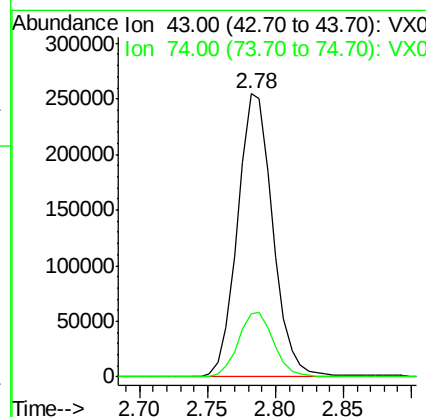
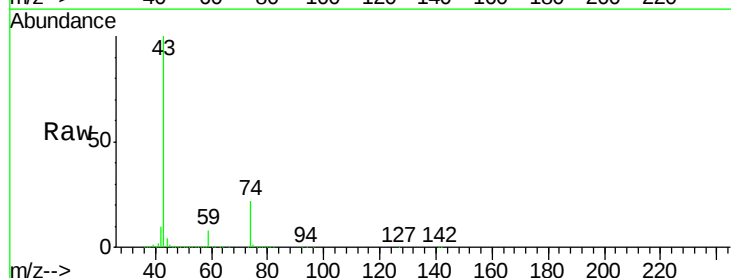
Manual Integrations
APPROVED

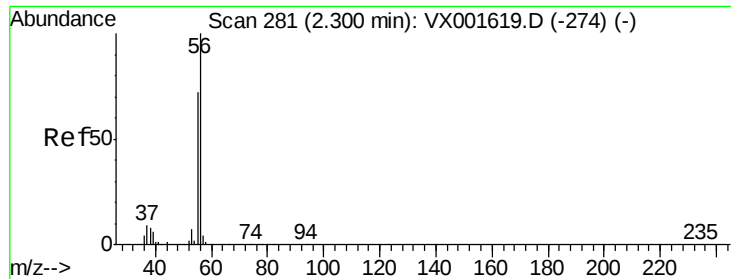
apatel
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#12
Methyl Acetate
Concen: 107.48 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	18.0	27.0





#13

Acrolein

Concen: 482.40 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 56 Resp: 239608

Ion Ratio Lower Upper

56 100

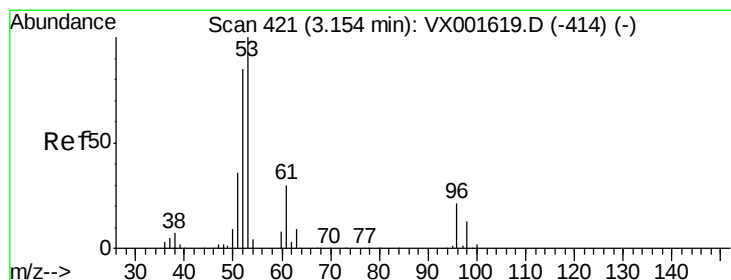
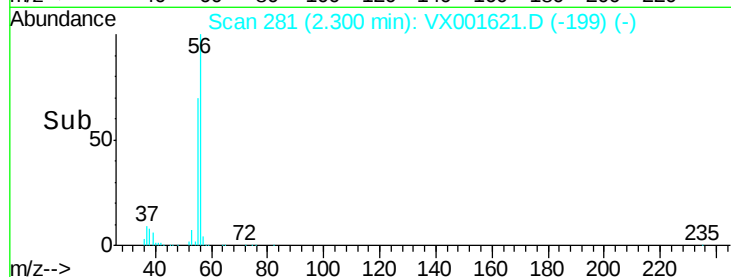
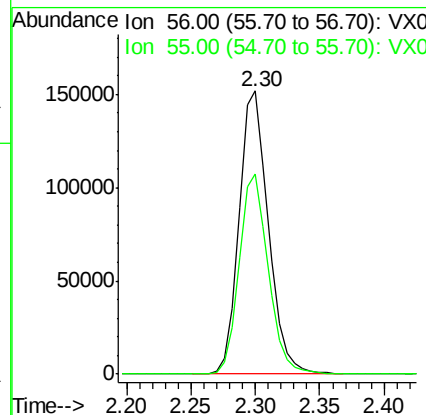
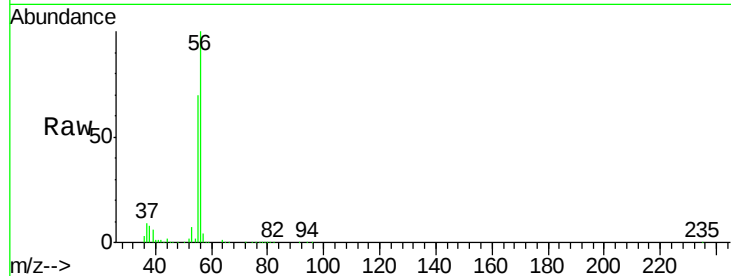
55 70.1 56.9 85.3

Manual Integrations

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#14

Acrylonitrile

Concen: 540.85 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

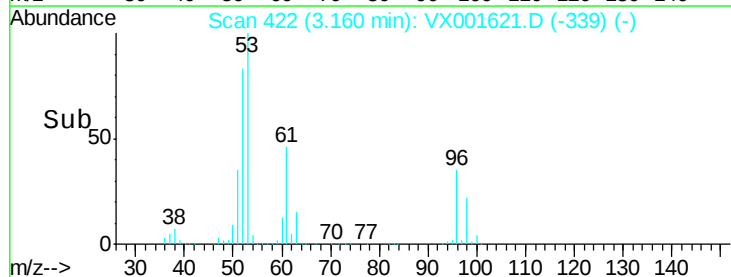
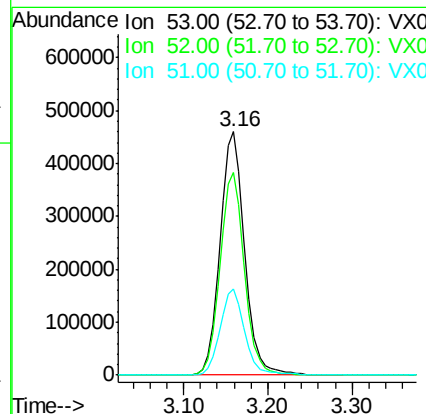
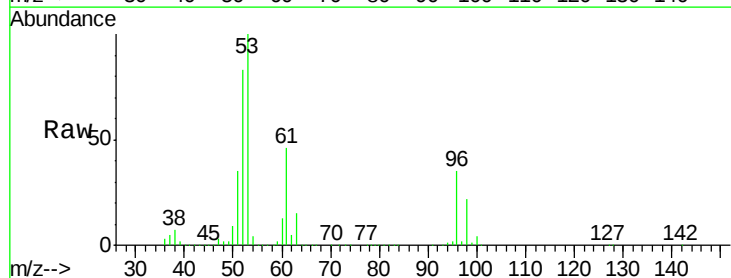
Tgt Ion: 53 Resp: 922353

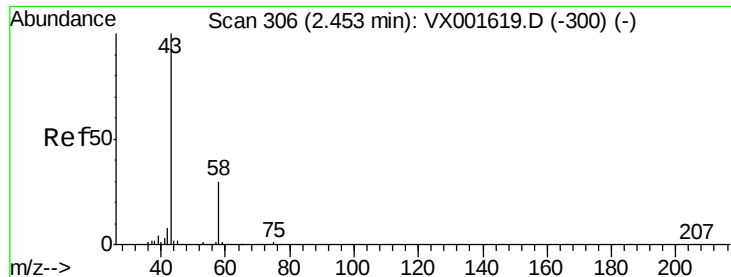
Ion Ratio Lower Upper

53 100

52 82.7 41.3 123.9

51 35.5 18.1 54.3





#15

Acetone

Concen: 478.56 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Tot Ion: 58 Resp: 245344

Ion Ratio Lower Upper

58 100

43 327.7 264.2 396.2

Instrument :

MSVOA_X

ClientSampleId :

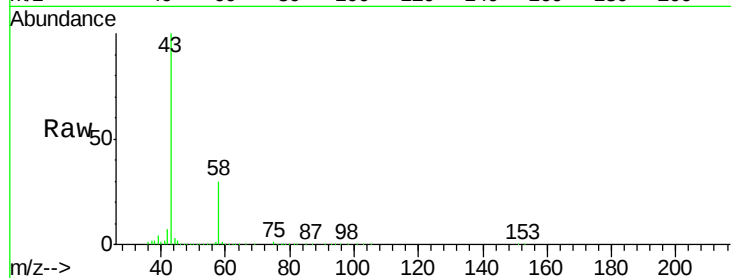
VSTDICC100

Manual Integrations

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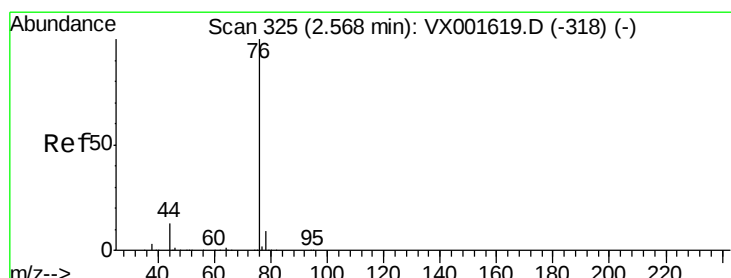
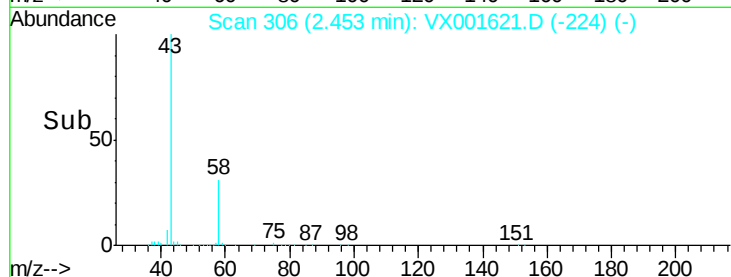
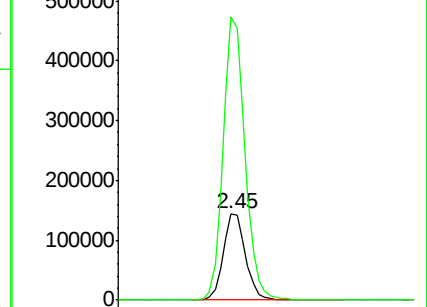
apatel

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 94.35 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX001621.D

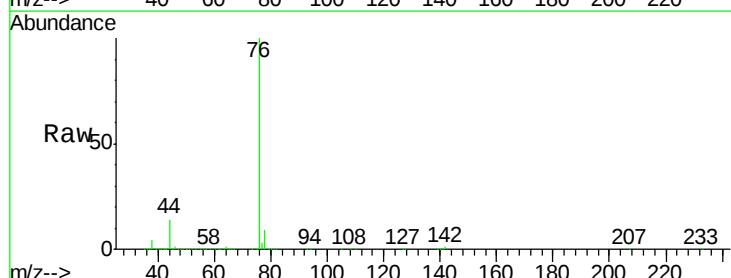
Acq: 11 May 2018 00:22

Tgt Ion: 76 Resp: 766219

Ion Ratio Lower Upper

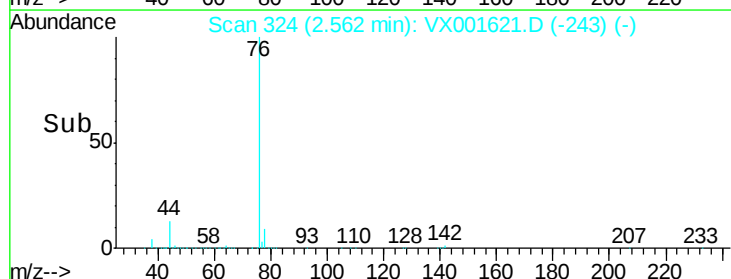
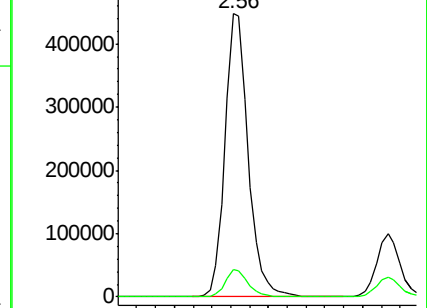
76 100

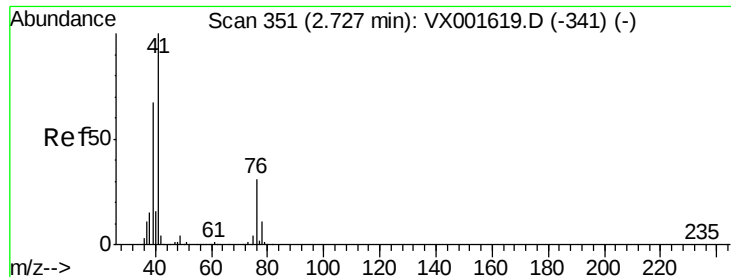
78 9.4 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





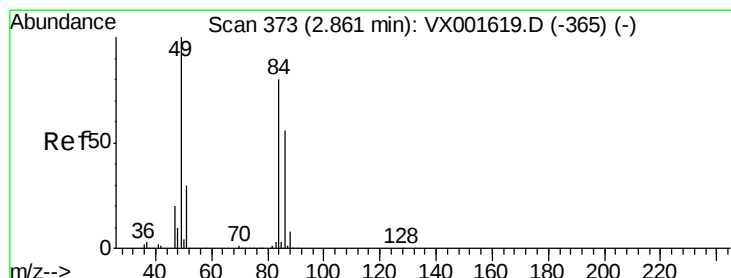
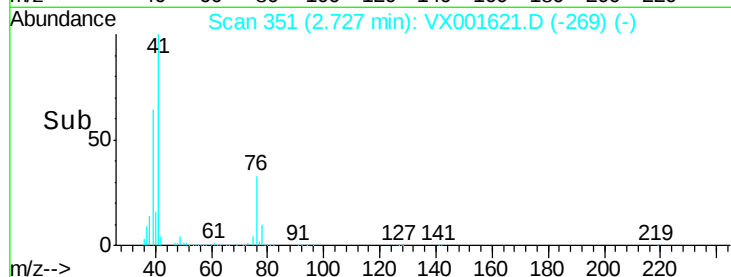
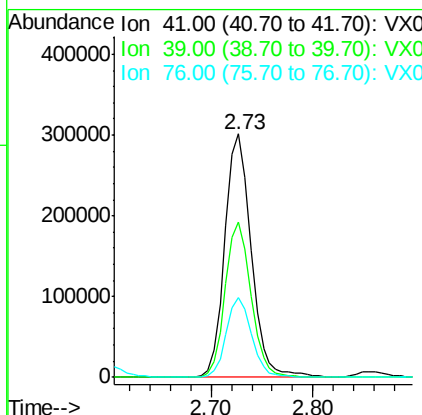
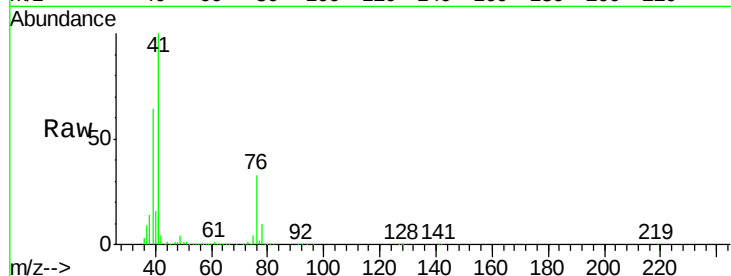
#17
Allvl chloride
Concen: 97.38 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.6	33.7	101.1
76	32.8	15.4	46.4

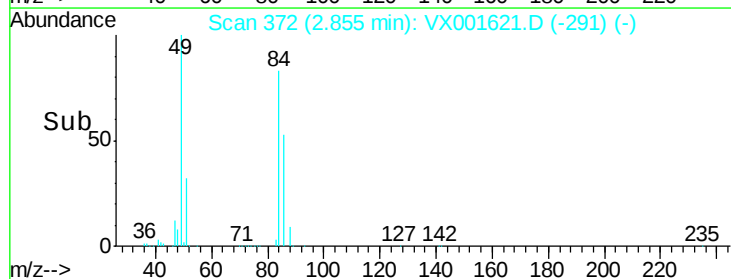
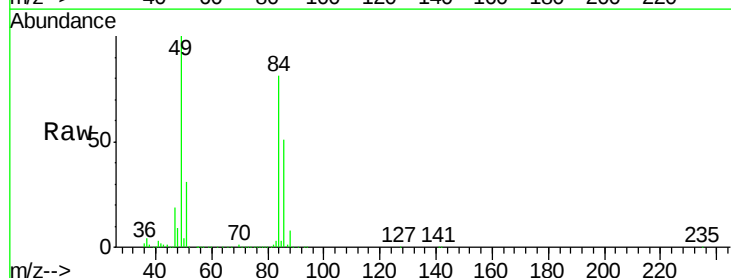
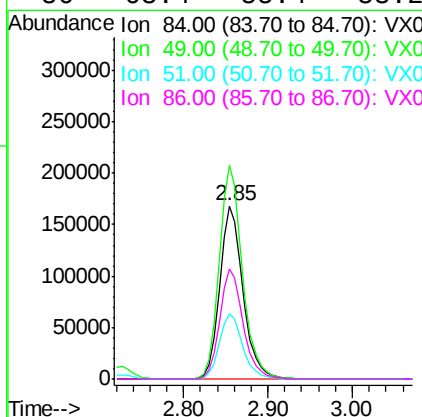
Manual Integrations
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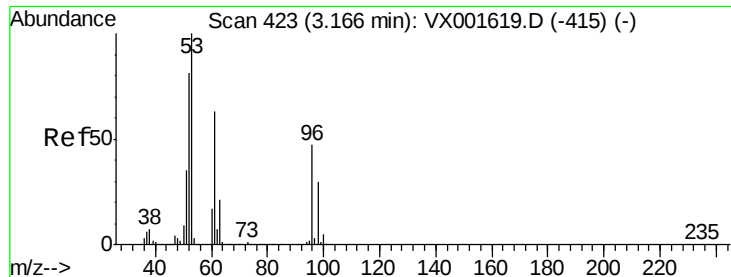
apatel
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#18
Methylene Chloride
Concen: 93.46 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	99.5	149.3
51	37.9	30.1	45.1
86	63.4	55.4	83.2





#19

trans-1,2-Dichloroethene

Concen: 92.30 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

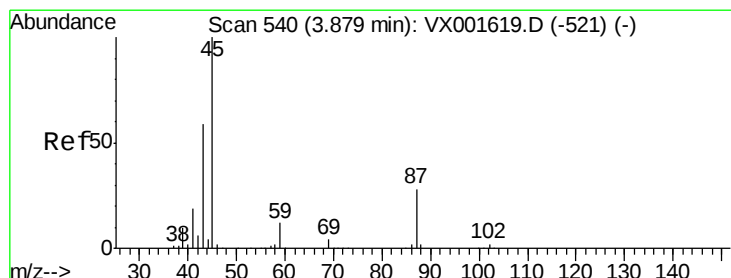
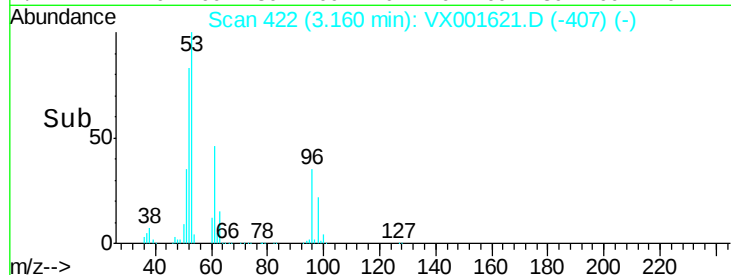
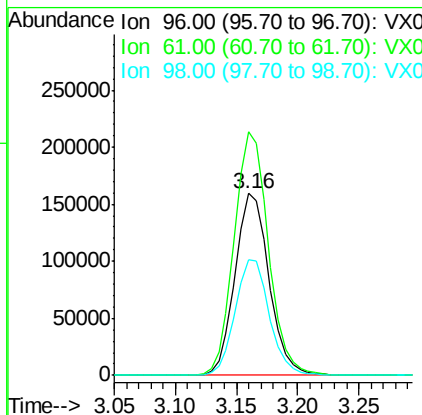
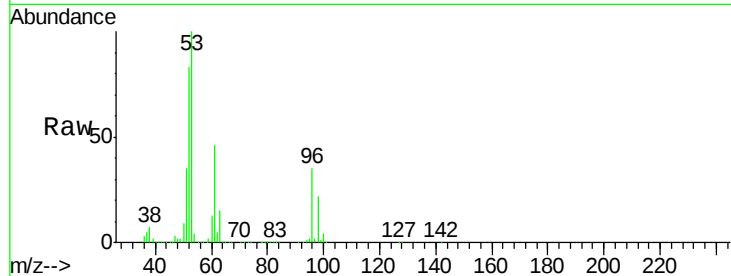
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	308274
Ion	Ratio	Lower	Upper
96	100		
61	133.6	107.7	161.5
98	63.5	51.6	77.4

Manual Integrations
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#20

Diisopropyl ether

Concen: 95.00 ug/l

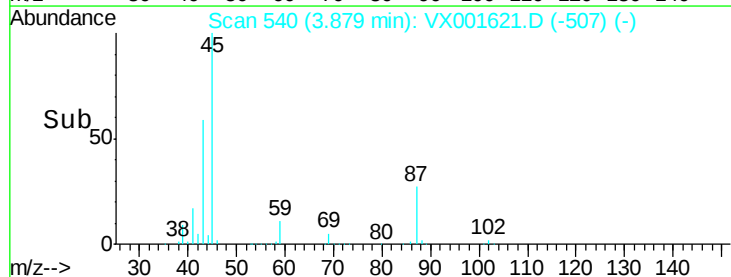
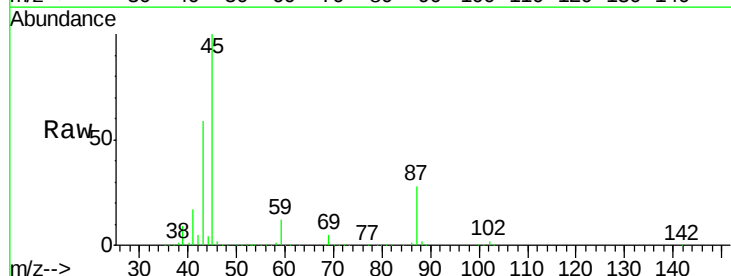
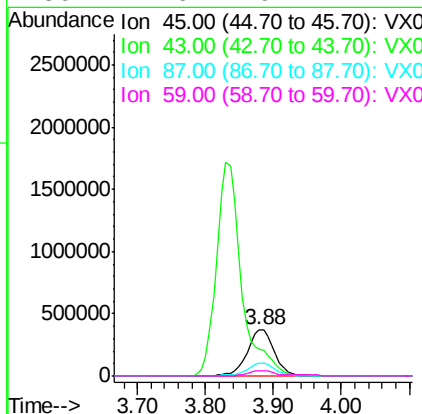
RT: 3.88 min Scan# 540

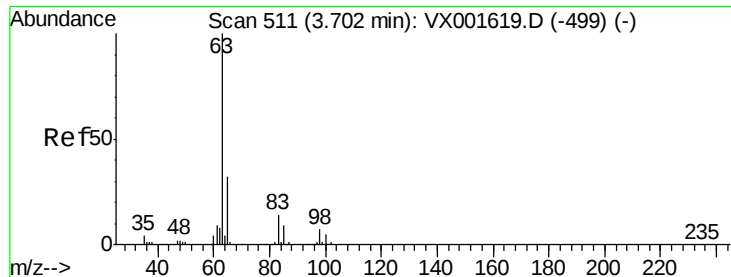
Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Tgt Ion:	45	Resp:	1028799
Ion	Ratio	Lower	Upper
45	100		
43	58.4	47.5	71.3
87	27.6	22.2	33.4
59	11.6	9.4	14.2





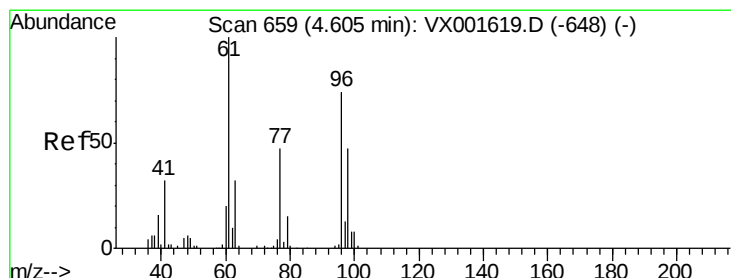
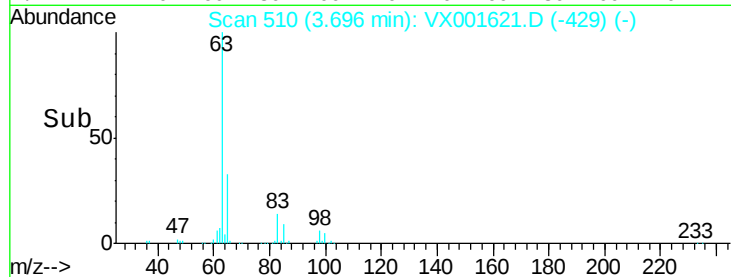
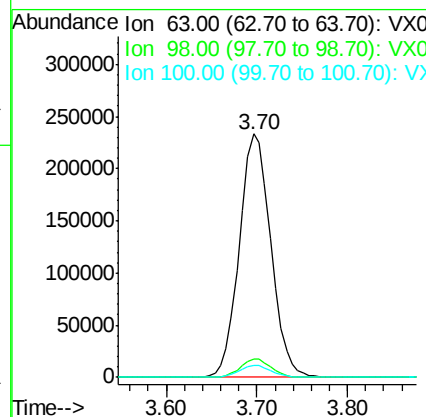
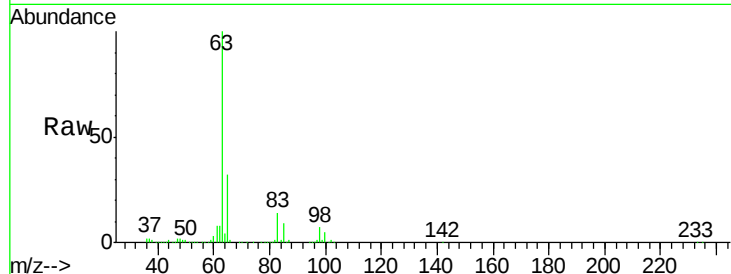
#21
 1,1-Dichloroethane
 Concen: 95.92 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	63	Resp:	561652
Ion Ratio	Lower	Upper	
63	100		
98	7.4	3.5	10.5
100	4.8	2.5	7.4

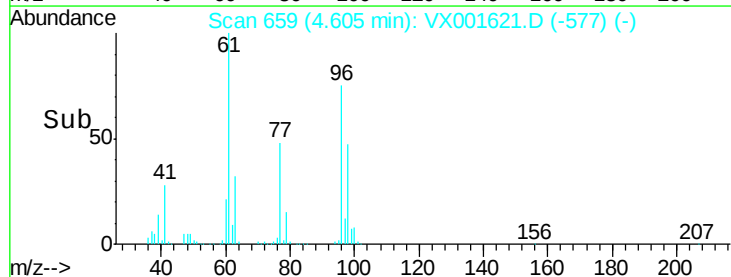
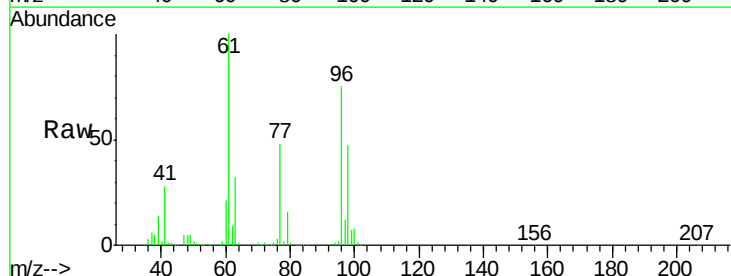
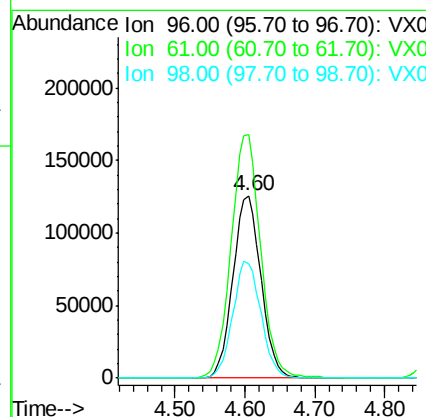
Manual Integrations
 APPROVED

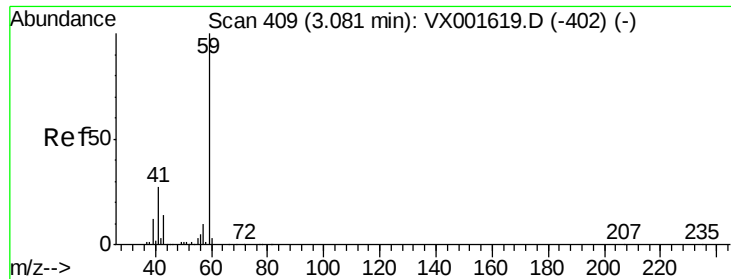
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#22
 cis-1,2-Dichloroethene
 Concen: 94.19 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion:	96	Resp:	350157
Ion Ratio	Lower	Upper	
96	100		
61	140.7	117.3	175.9
98	64.3	51.2	76.8





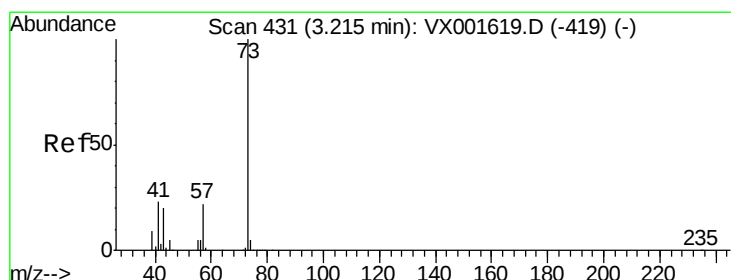
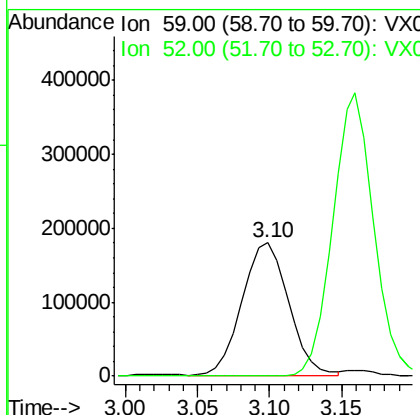
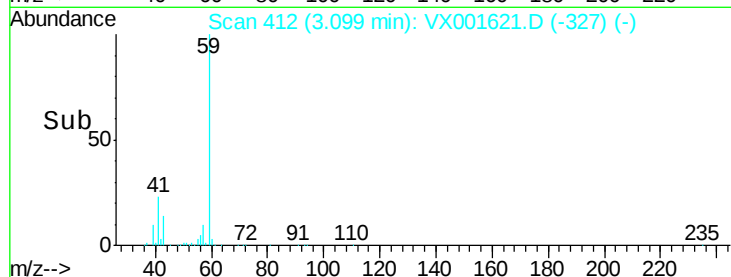
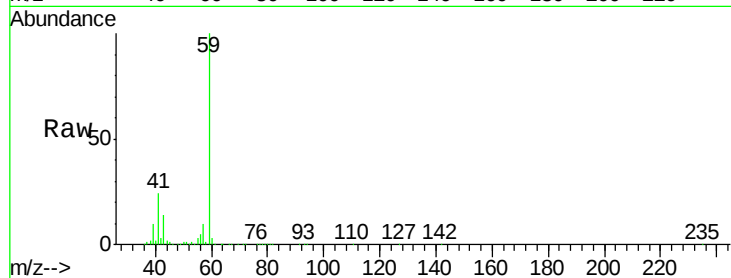
#23
 tert-Butyl Alcohol
 Concen: 569.91 ug/l
 RT: 3.10 min Scan# 412
 Delta R.T. 0.02 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 59 Resp: 404979
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2#

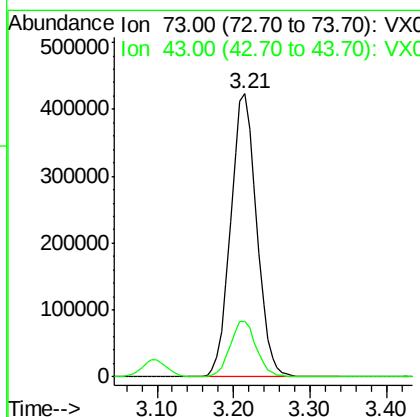
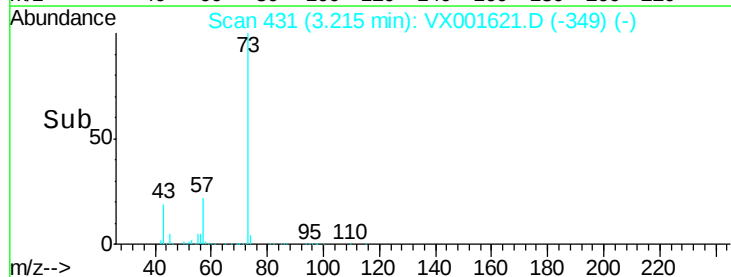
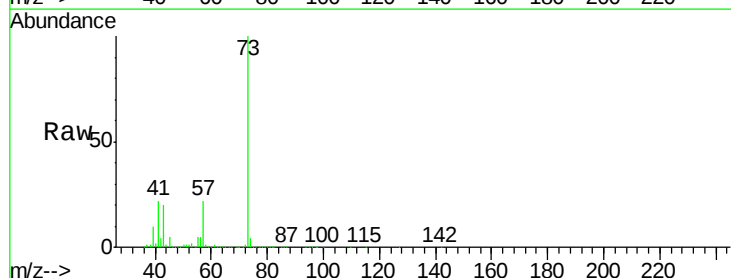
Manual Integrations
 APPROVED

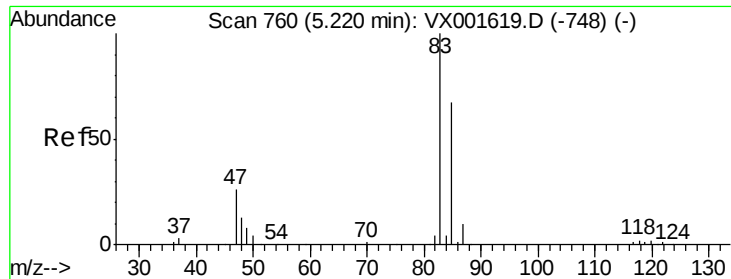
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#24
 Methyl tert-Butyl Ether
 Concen: 92.81 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 73 Resp: 995257
 Ion Ratio Lower Upper
 73 100
 43 19.9 16.3 24.5





#25

Chloroform

Concen: 92.45 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 587192

Ion Ratio Lower Upper

83 100

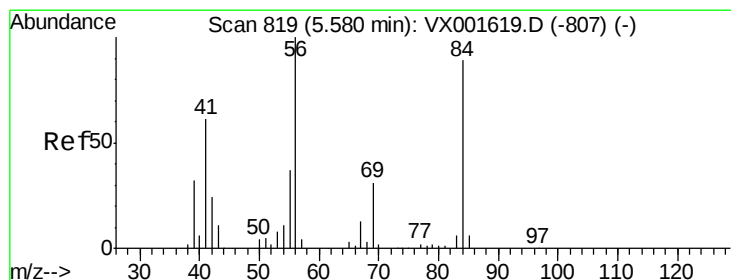
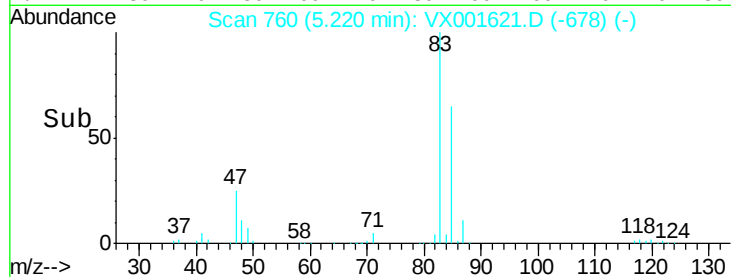
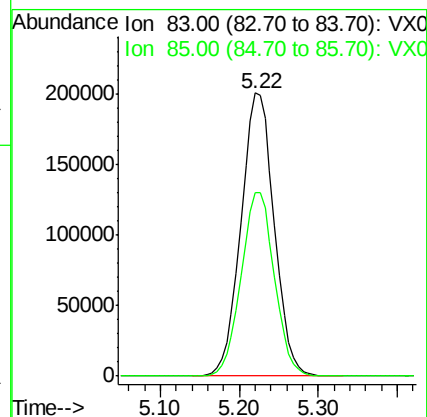
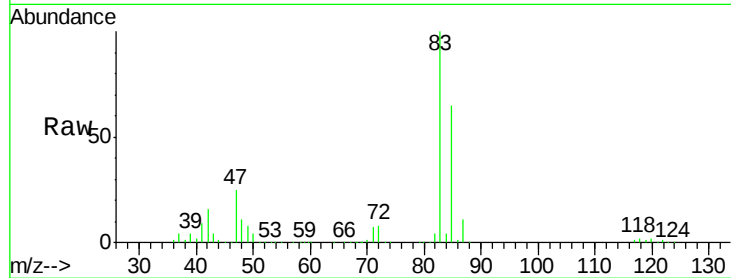
85 64.8 53.9 80.9

Manual Integrations

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#26

Cyclohexane

Concen: 94.14 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

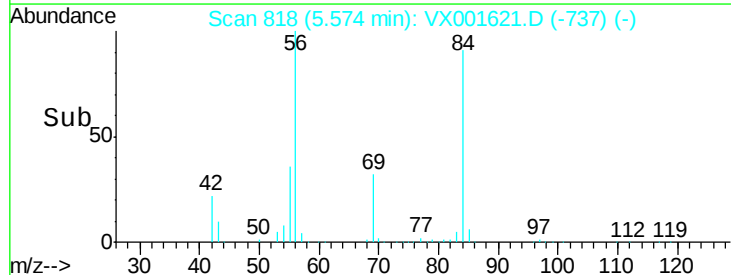
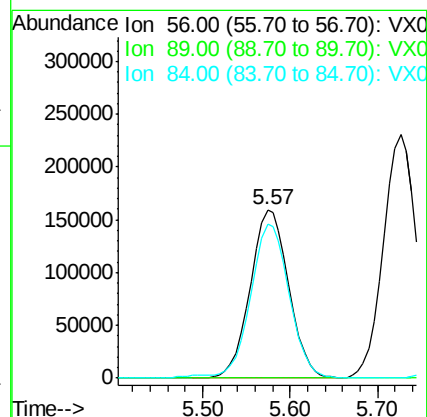
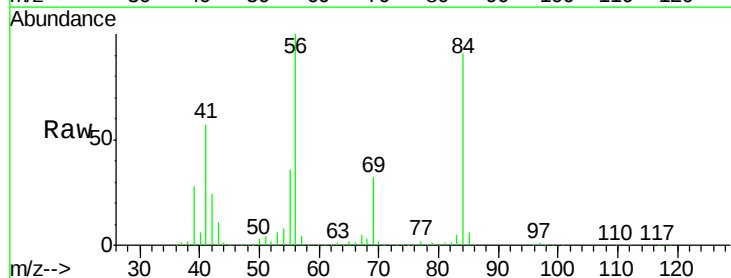
Tgt Ion: 56 Resp: 486218

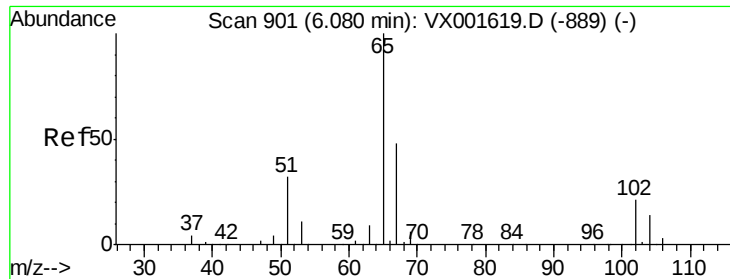
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.3 72.2 108.4





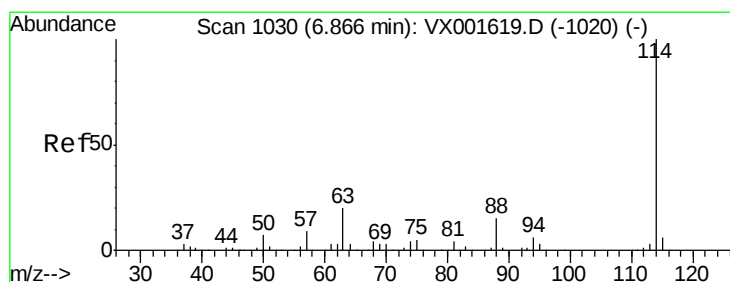
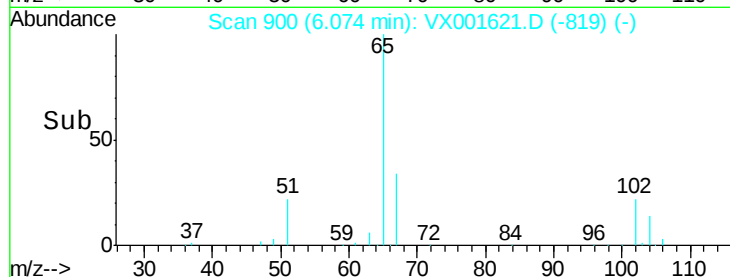
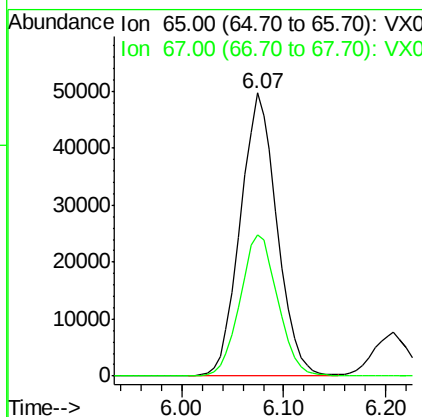
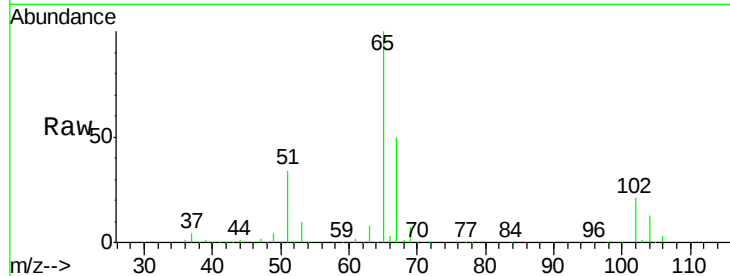
#27
 1,2-Dichloroethane-d4
 Concen: 29.75 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.1	40.2	60.2

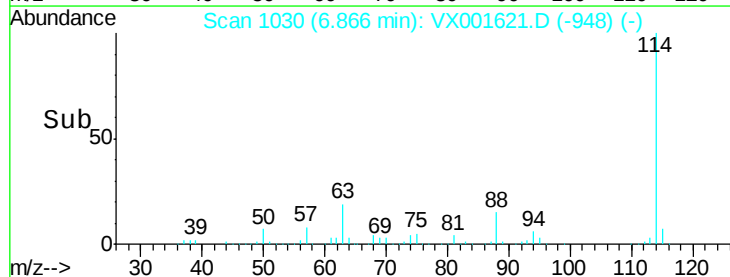
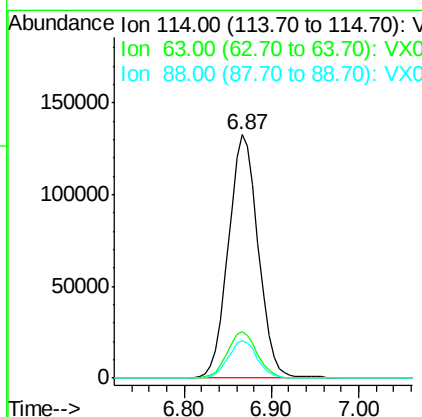
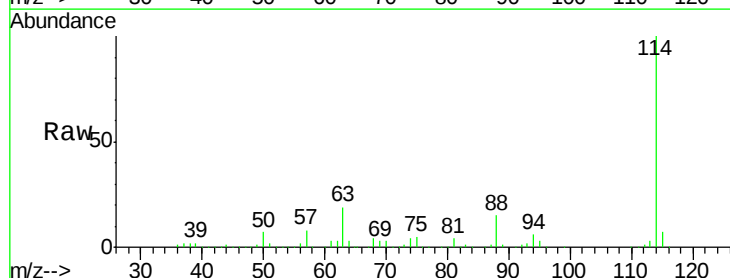
Manual Integrations
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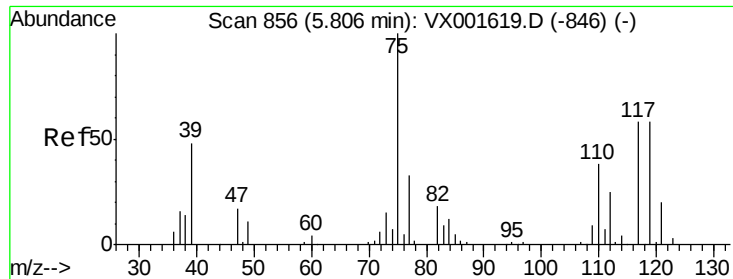
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	15.5	23.3
88	15.0	12.2	18.4





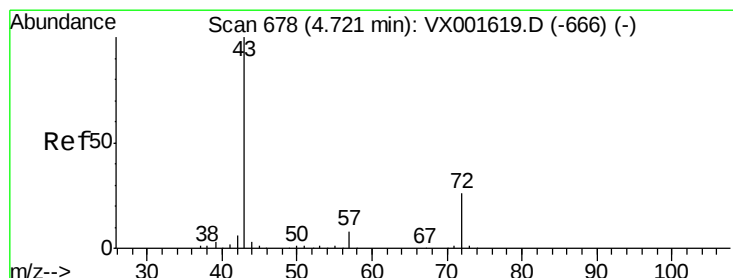
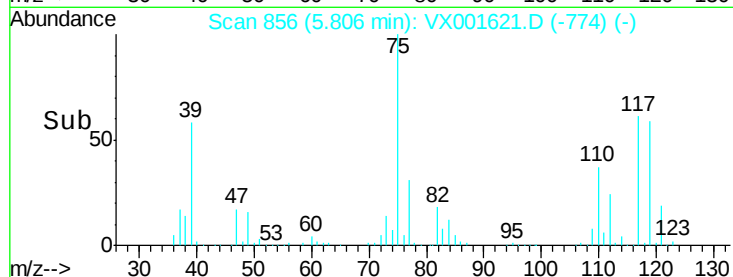
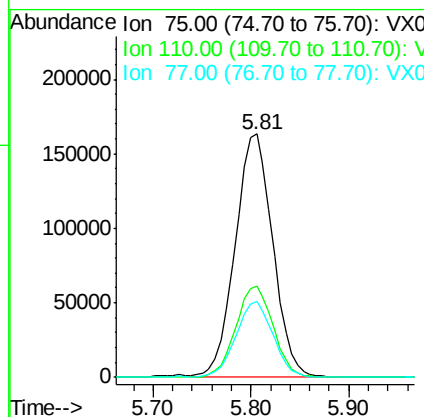
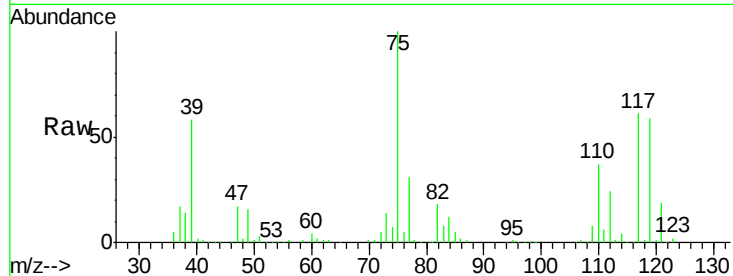
#29
 1,1-Dichloropropene
 Concen: 94.87 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
75	100	436495		
110	37.3	0.0	74.6	
77	30.7	0.0	62.4	

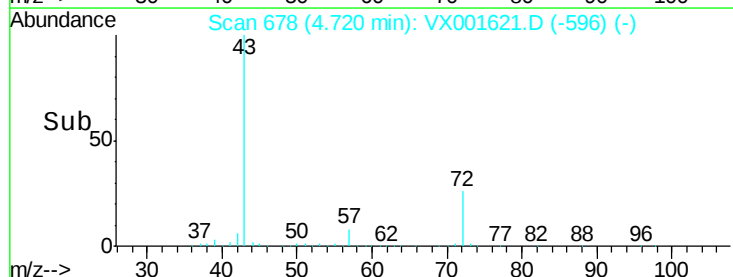
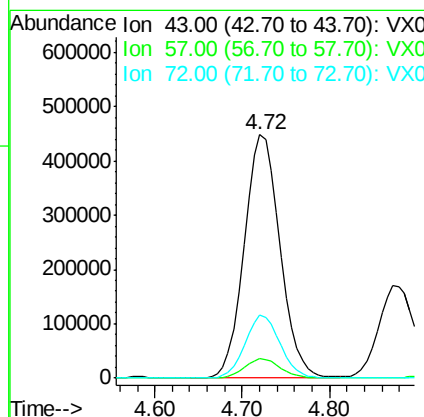
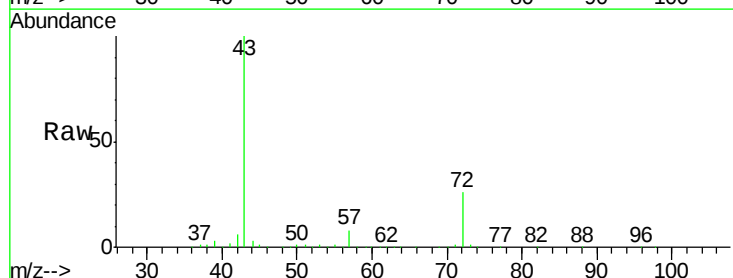
Manual Integrations
 APPROVED

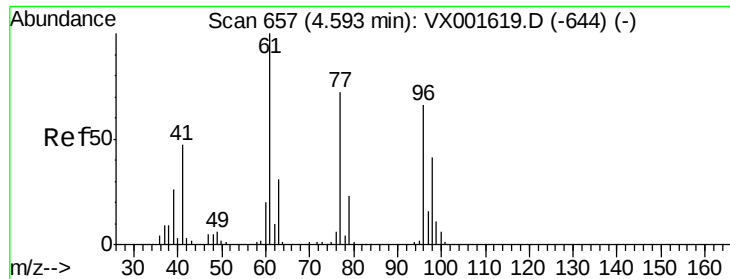
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#30
 2-Butanone
 Concen: 517.29 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	1275867		
57	7.9	6.3	9.5	
72	25.5	20.2	30.4	





#31

2,2-Dichloropropane

Concen: 73.86 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 77 Resp: 354567

Ion Ratio Lower Upper

77 100

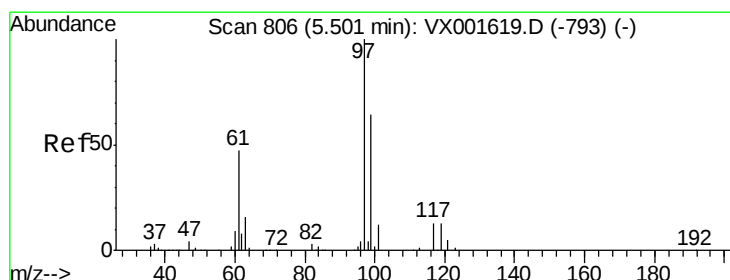
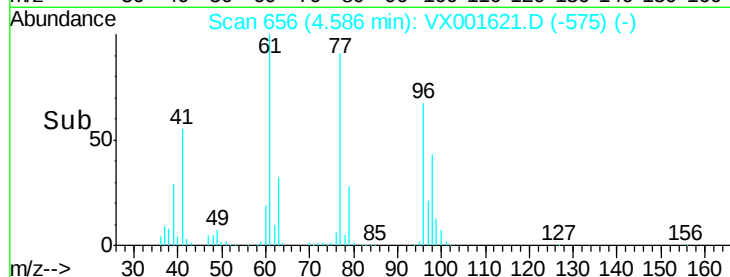
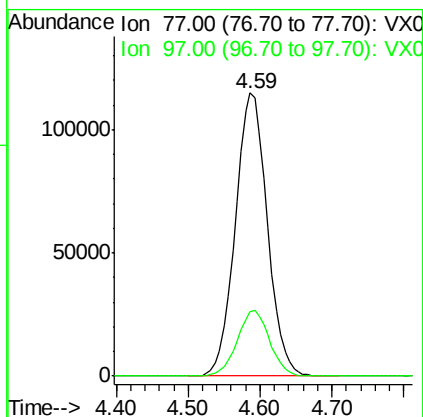
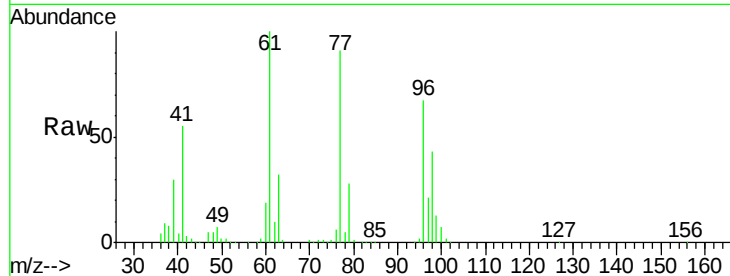
97 23.5 19.3 28.9

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 94.72 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

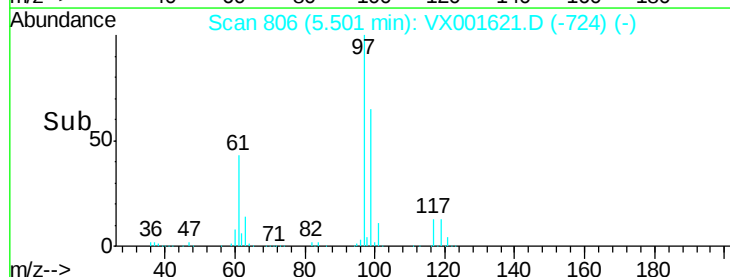
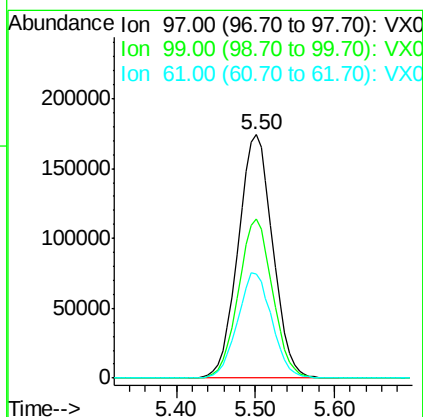
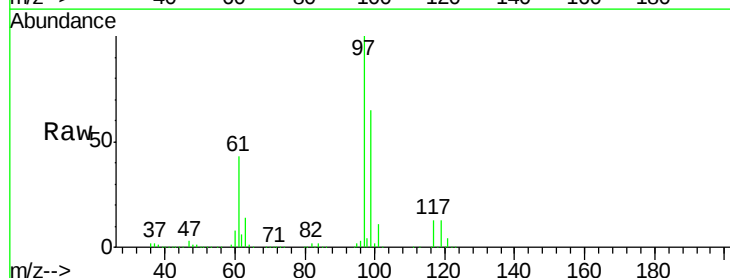
Tgt Ion: 97 Resp: 531105

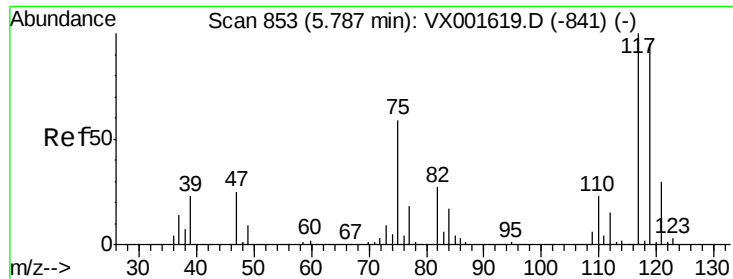
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 43.0 35.6 53.4





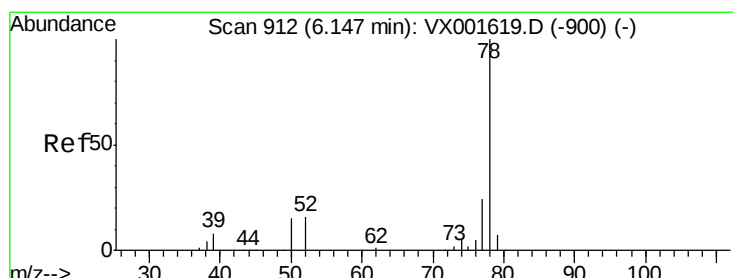
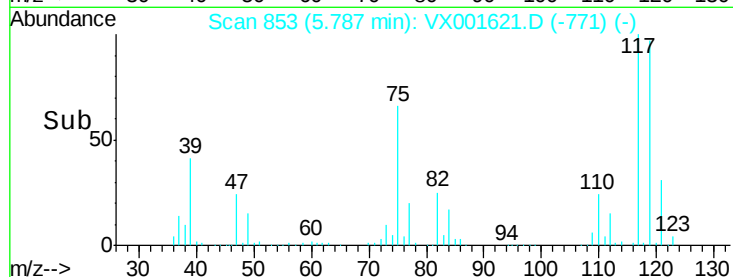
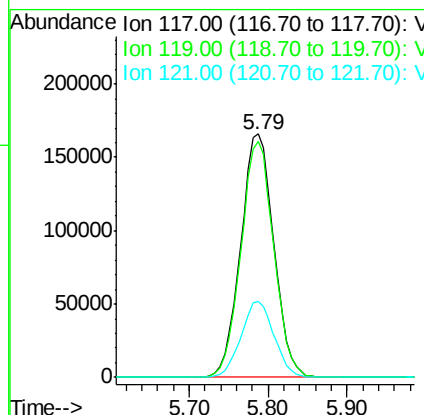
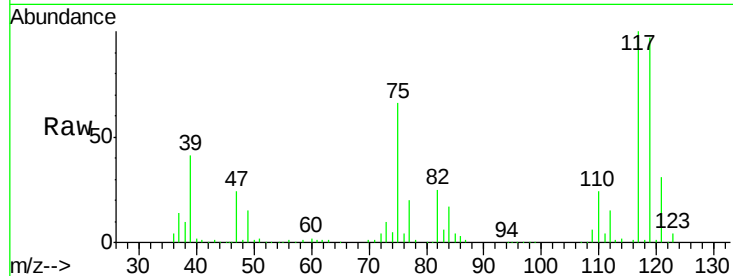
#33
Carbon Tetrachloride
Concen: 95.92 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.7	113.5
121	31.1	24.3	36.5

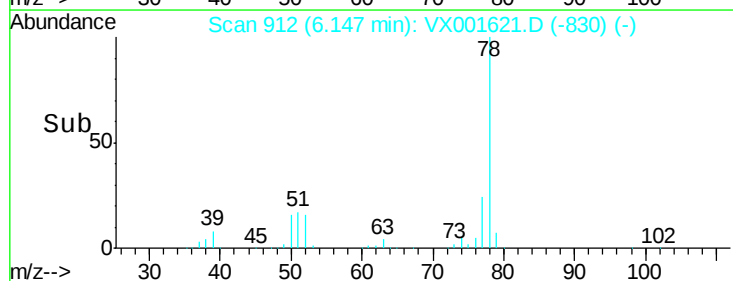
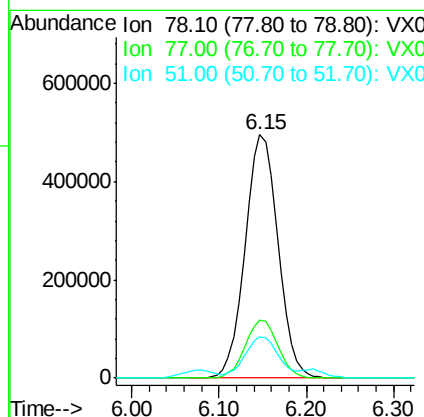
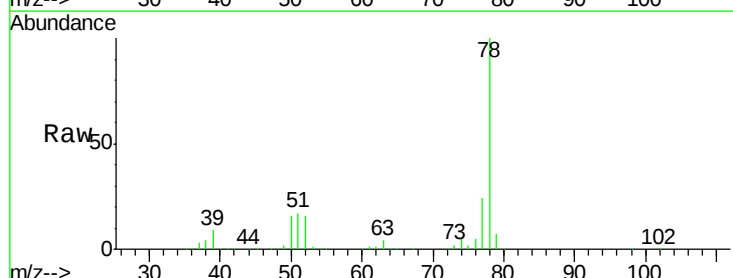
Manual Integrations
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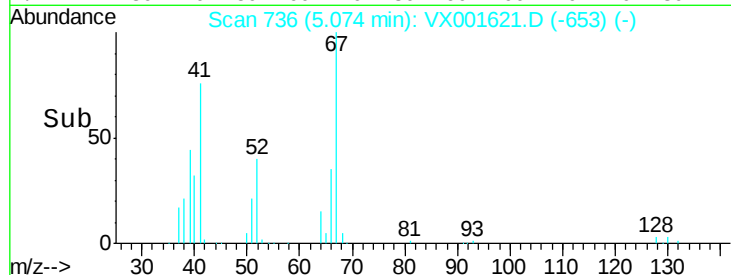
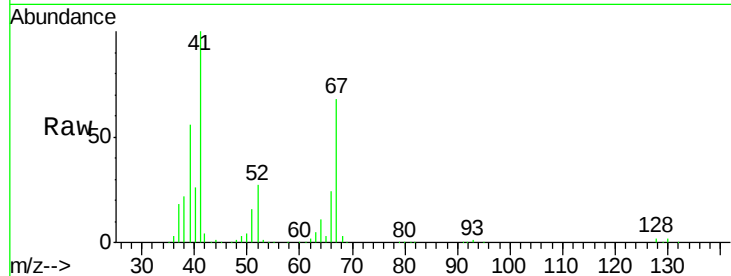
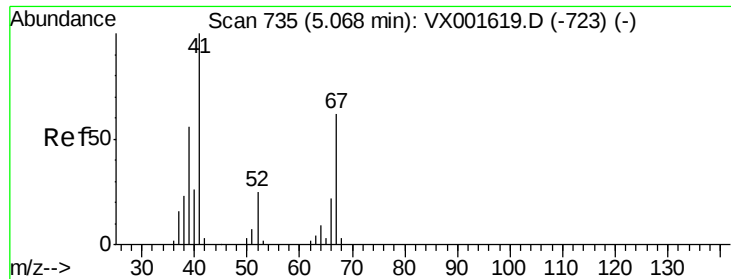
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#34
Benzene
Concen: 94.35 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

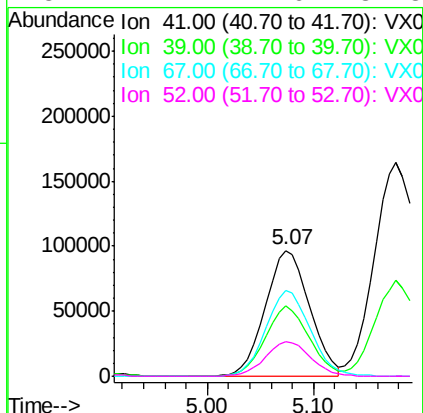
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2
51	16.5	13.5	20.3





#35
Methacrylonitrile
Concen: 102.30 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

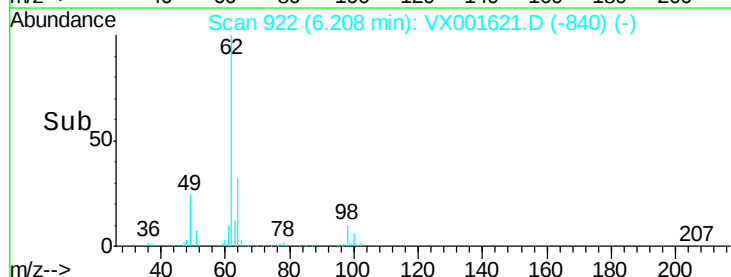
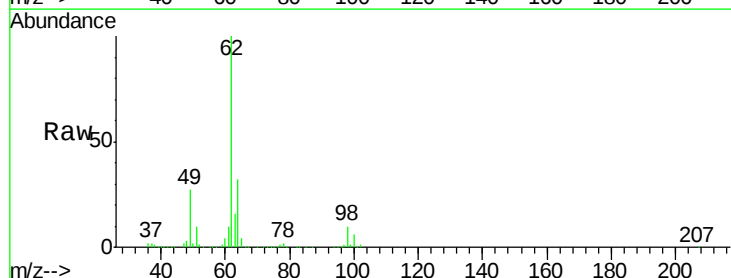
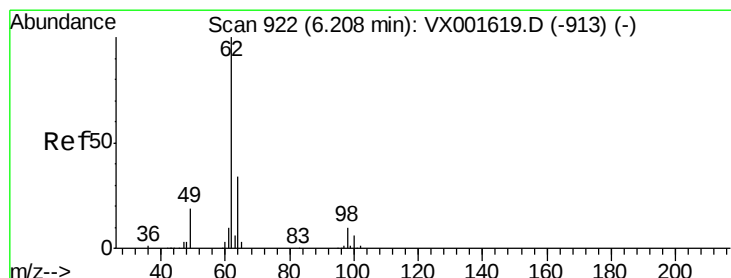
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.7	27.9	83.6		
67	68.1	30.9	92.5		
52	27.2	12.6	37.8		



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

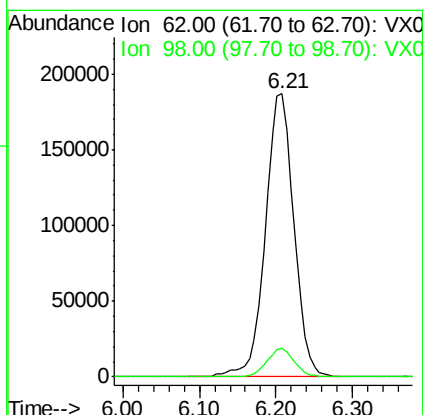
Manual Integrations
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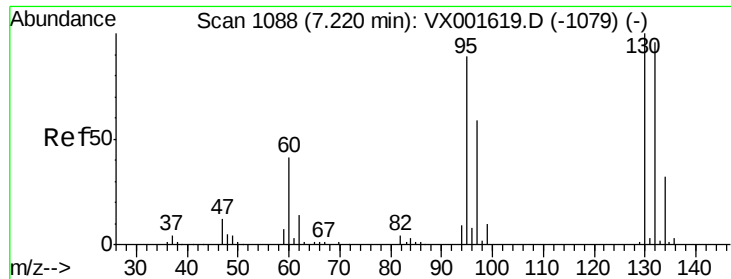
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#36
1,2-Dichloroethane
Concen: 91.02 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.6	7.7	11.5		





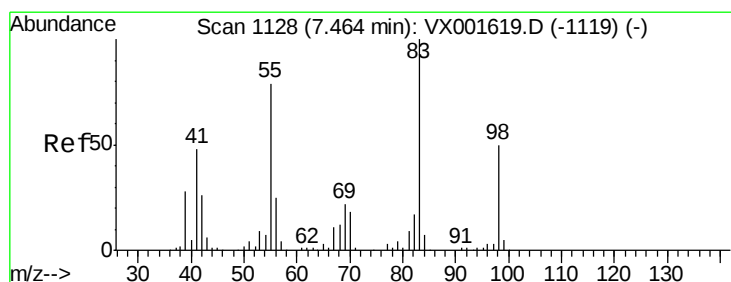
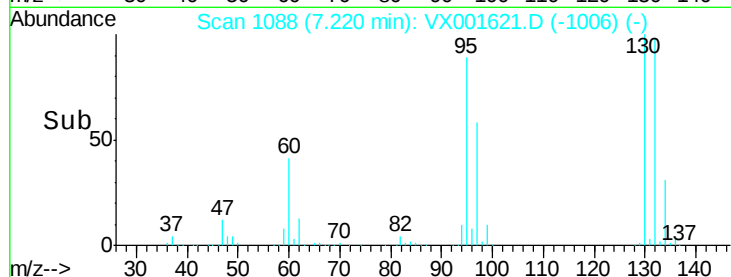
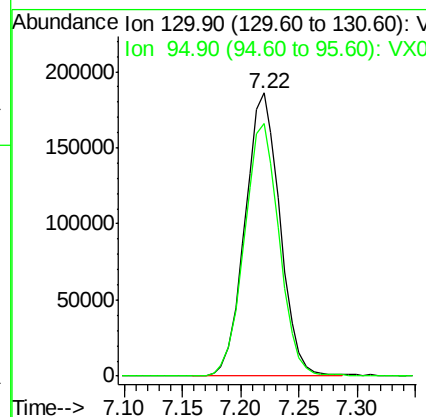
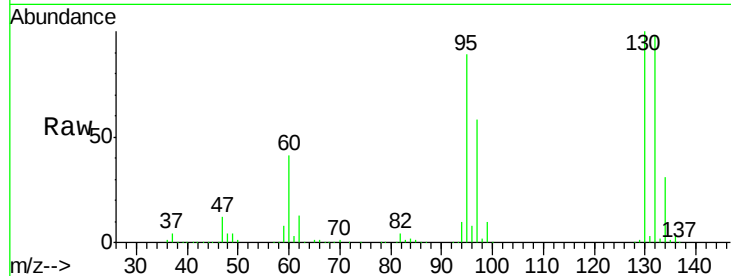
#37
 Trichloroethene
 Concen: 93.88 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:130 Resp: 390418
 Ion Ratio Lower Upper
 130 100
 95 89.2 71.4 107.2

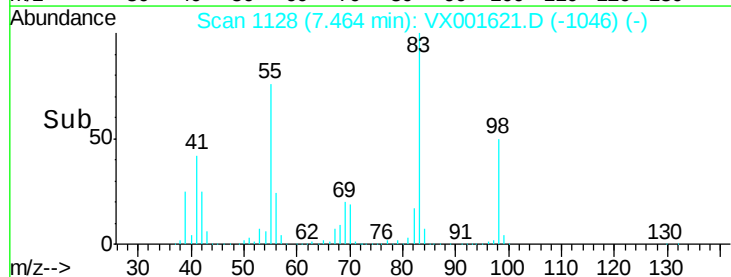
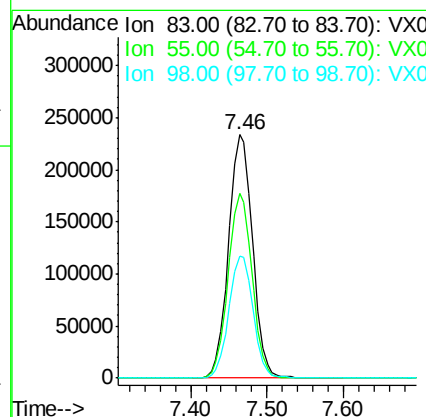
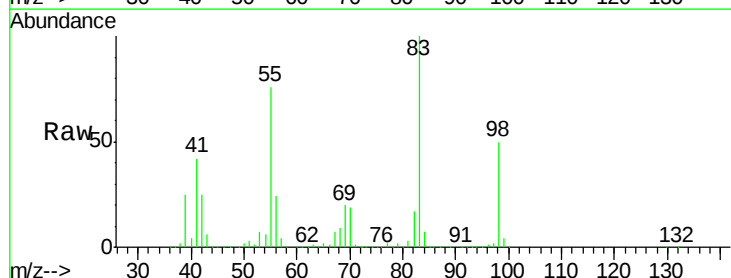
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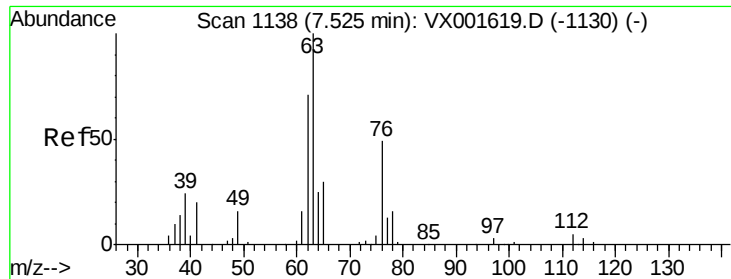
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#38
 Methylcyclohexane
 Concen: 95.19 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 83 Resp: 506641
 Ion Ratio Lower Upper
 83 100
 55 75.4 39.6 118.7
 98 50.7 25.0 75.0





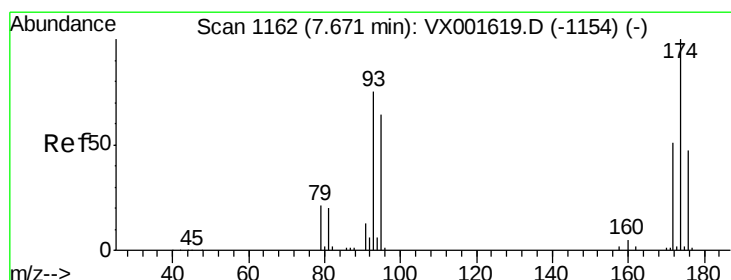
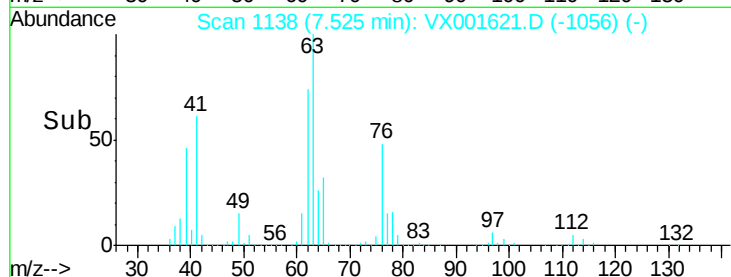
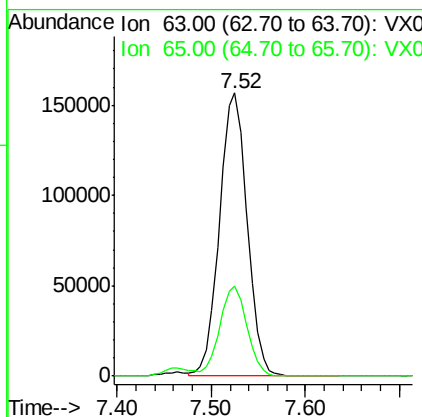
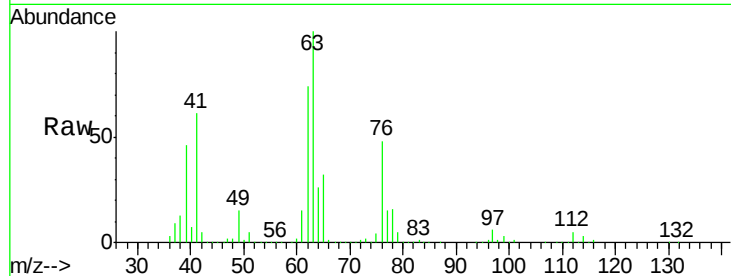
#39
 1,2-Dichloropropane
 Concen: 91.65 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion: 63 Resp: 319364
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.3 37.9

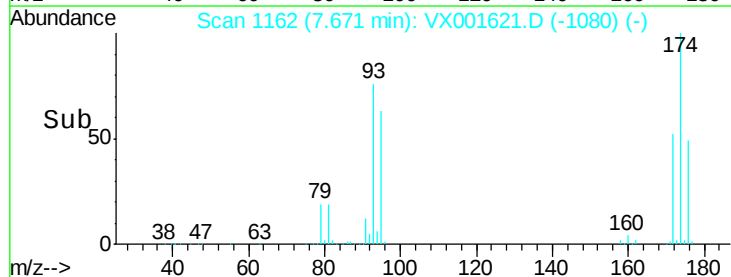
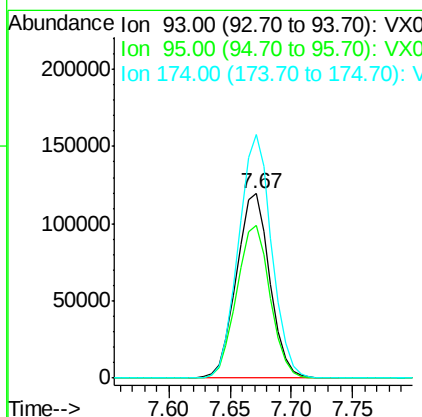
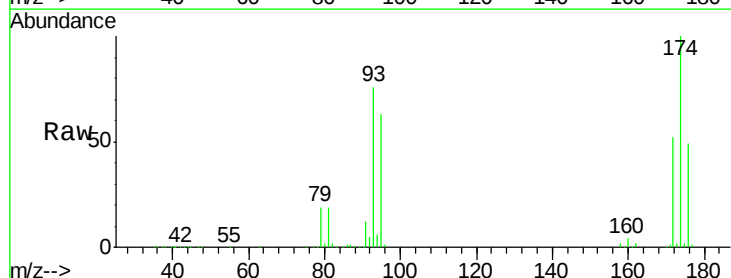
Manual Integrations
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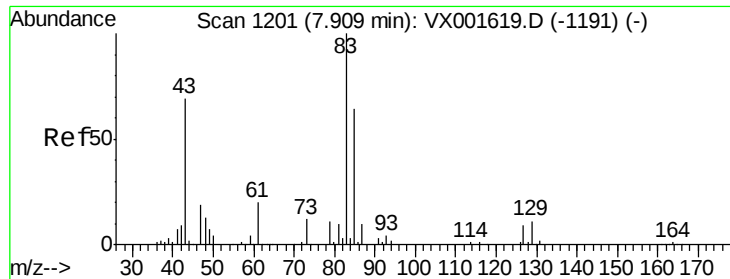
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#40
 Dibromomethane
 Concen: 91.89 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion: 93 Resp: 226144
 Ion Ratio Lower Upper
 93 100
 95 83.2 0.0 166.2
 174 131.1 0.0 259.2





#41

Bromodichloromethane

Concen: 97.06 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

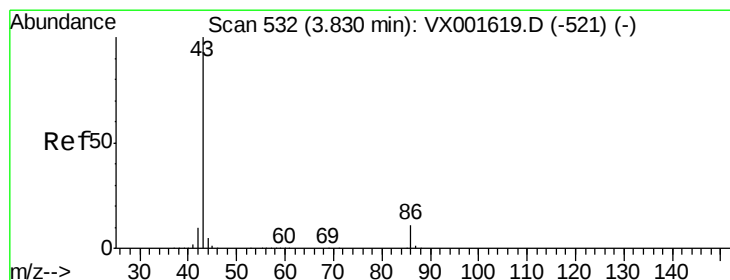
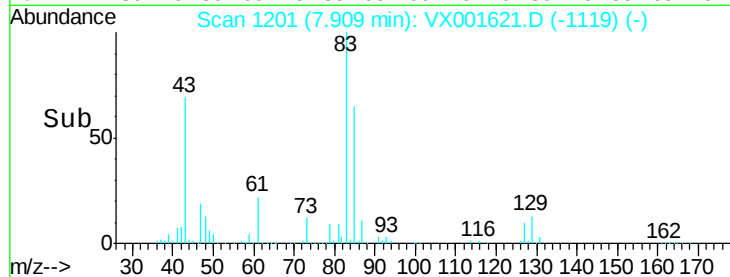
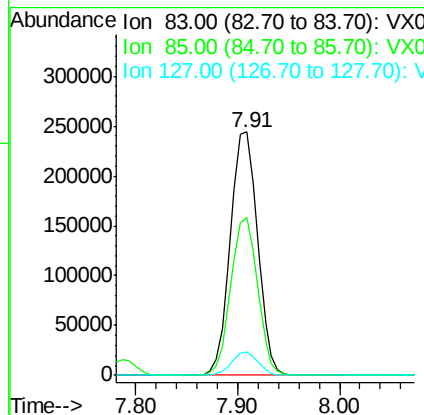
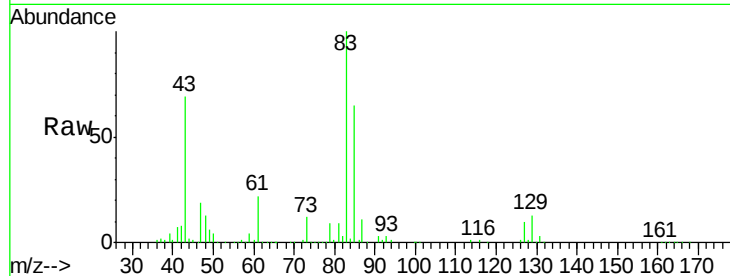
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	450914
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.3	76.9
127	9.9	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 473.48 ug/l

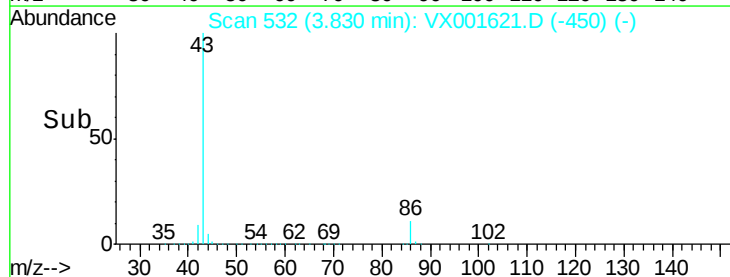
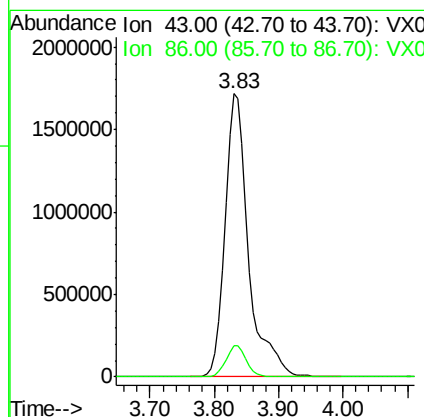
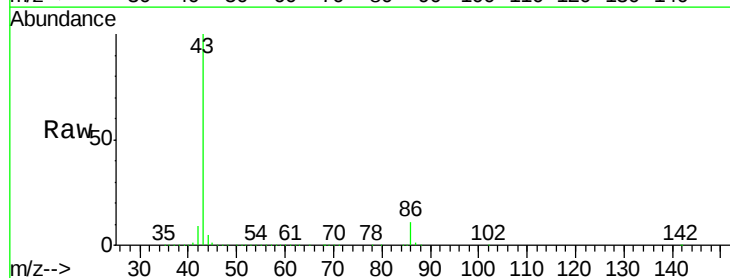
RT: 3.83 min Scan# 532

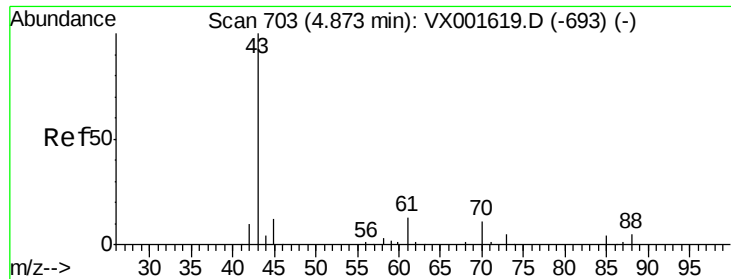
Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Tgt Ion:	43	Resp:	4419062
Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.4	11.2





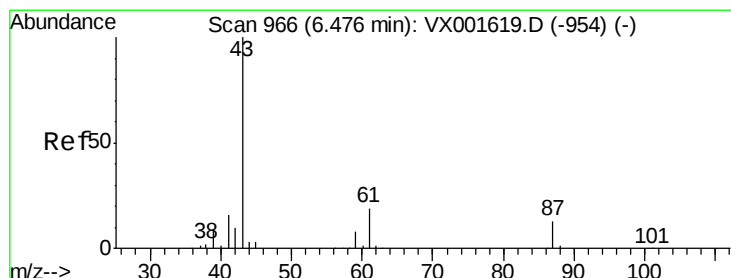
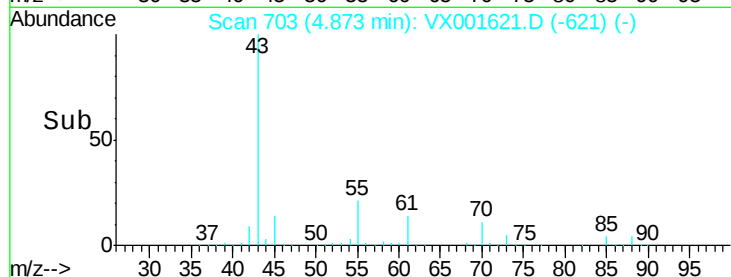
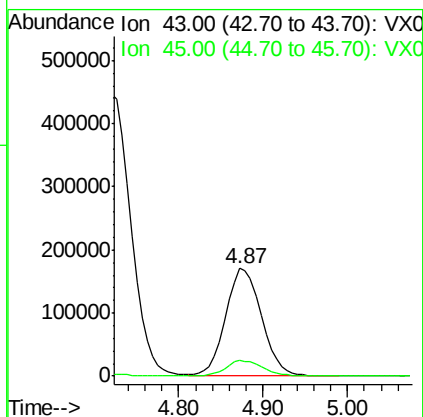
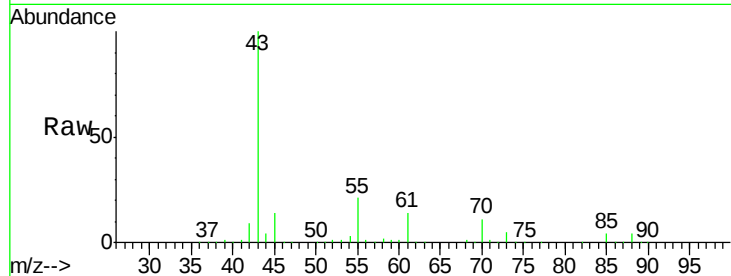
#43
Ethyl Acetate
Concen: 104.20 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 496726
Ion Ratio Lower Upper
43 100
45 15.3 12.7 19.1

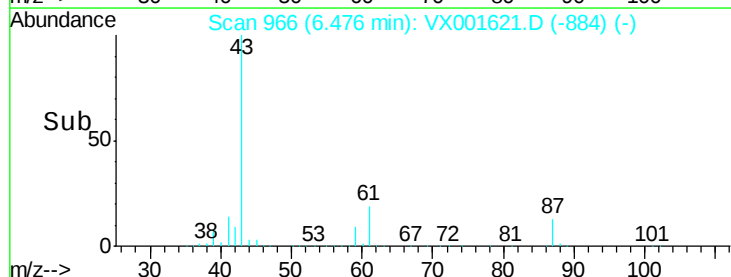
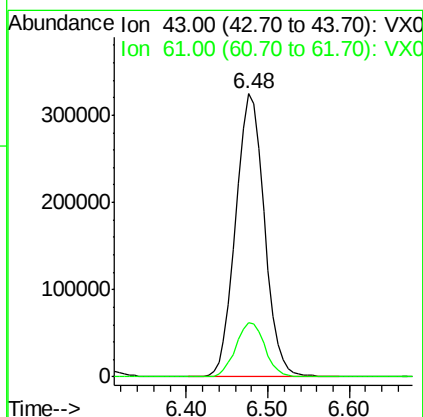
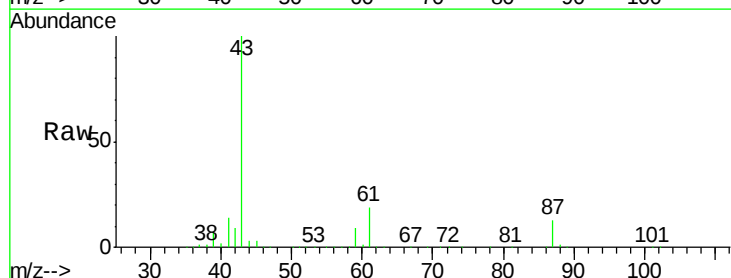
Manual Integrations
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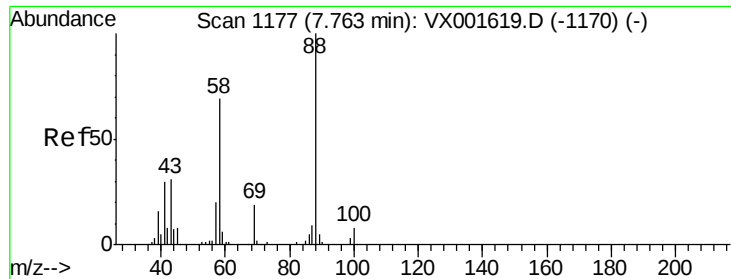
apatel
5/14/2018 3:57:36 PM



#44
Isopropyl Acetate
Concen: 100.10 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion: 43 Resp: 790219
Ion Ratio Lower Upper
43 100
61 19.5 15.1 22.7





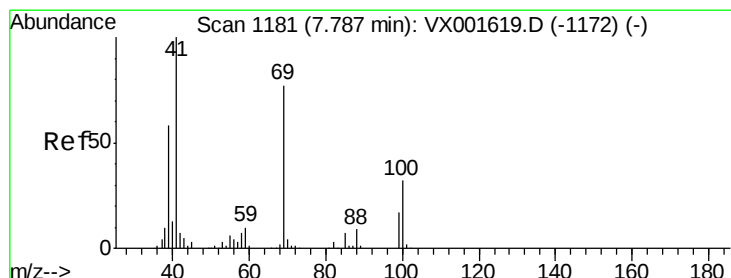
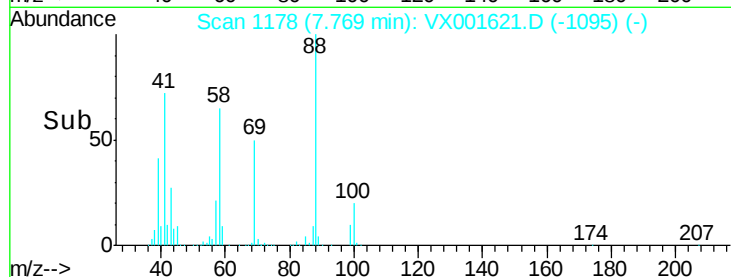
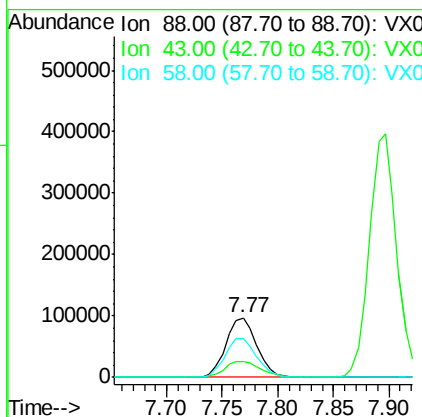
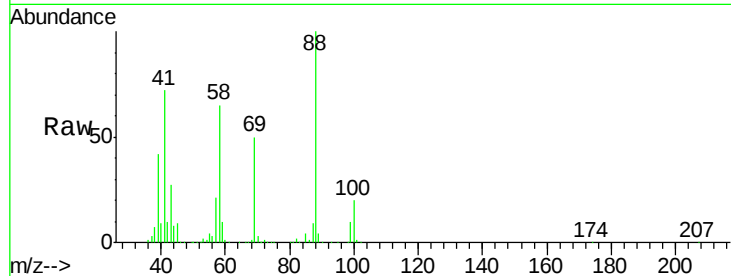
#45
 1,4-Dioxane
 Concen: 2400.26 ug/l
 RT: 7.77 min Scan# 1178
 Delta R.T. 0.01 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
88	100	184310		
43	31.9		27.9	41.9
58	67.8		55.3	82.9

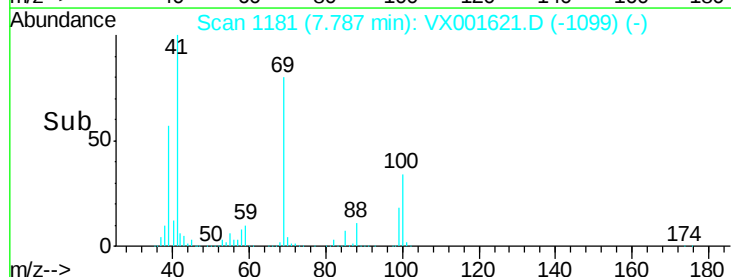
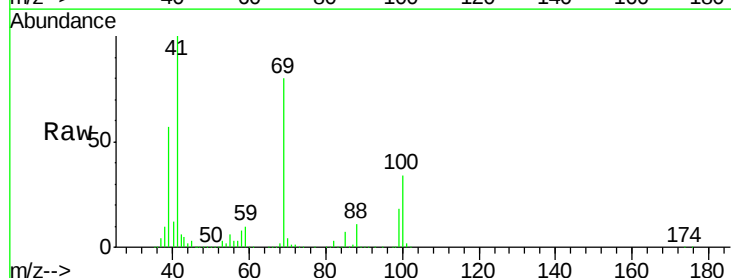
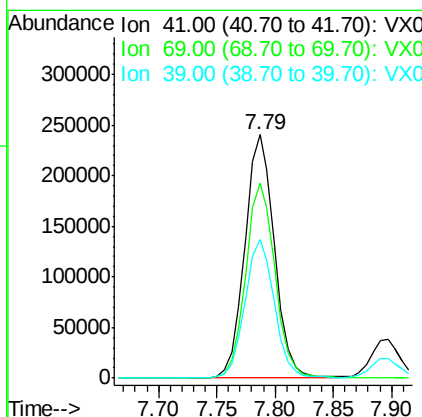
Manual Integrations
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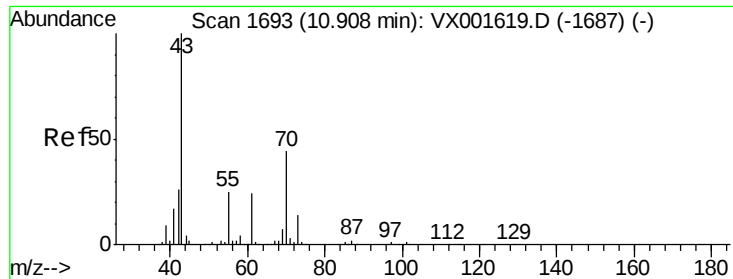
apatel
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#46
 Methyl methacrylate
 Concen: 102.71 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	425812		
69	79.9		38.4	115.2
39	57.0		29.0	87.1





#47

n-amvl Acetate

Concen: 96.25 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 716704

Ion Ratio Lower Upper

43 100

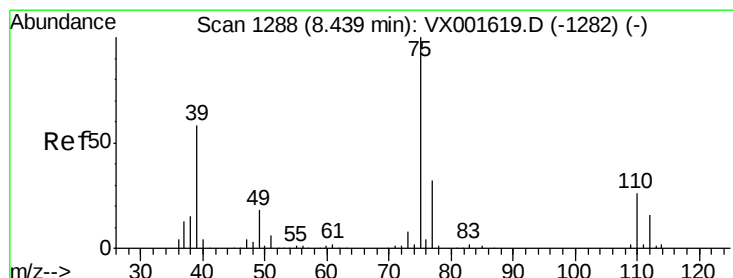
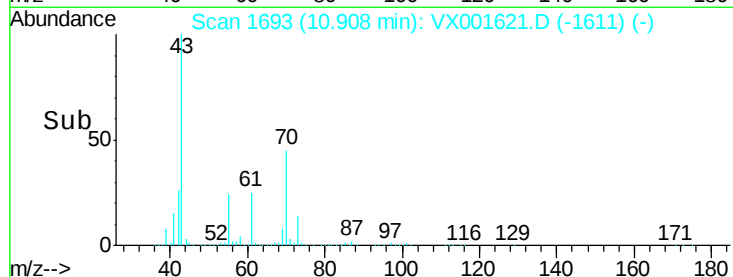
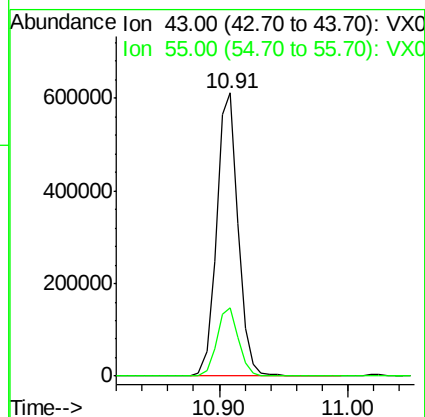
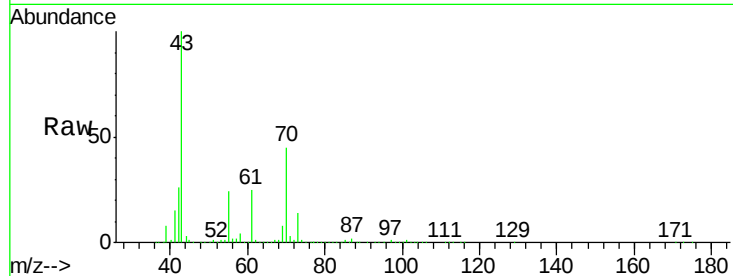
55 24.3 20.8 31.2

Manual Integrations

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apatel

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#48

t-1,3-Dichloropropene

Concen: 95.93 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.01 min

Lab File: VX001621.D

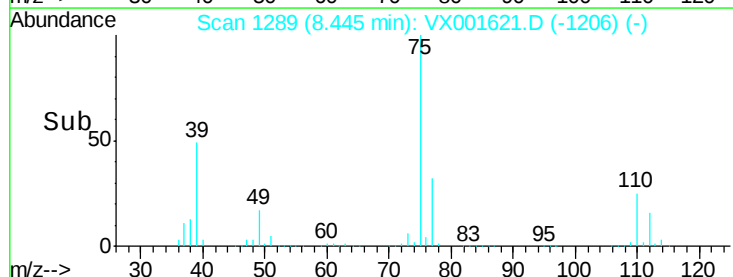
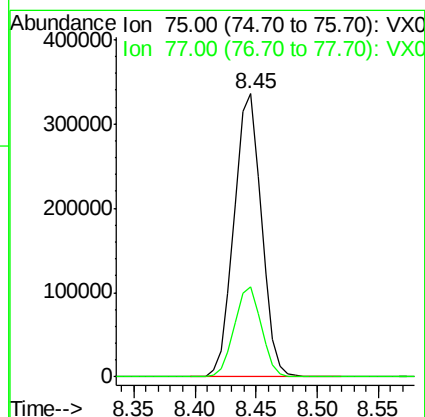
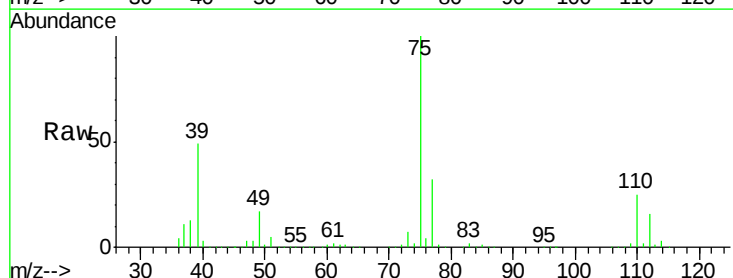
Acq: 11 May 2018 00:22

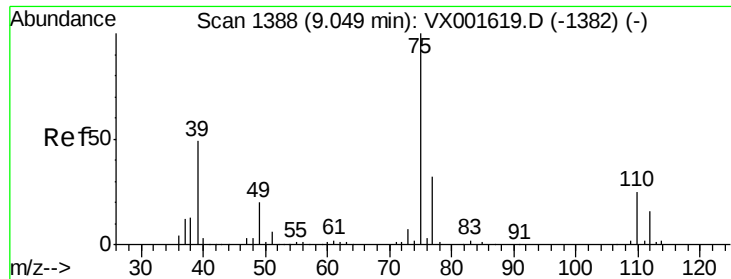
Tgt Ion: 75 Resp: 519007

Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3





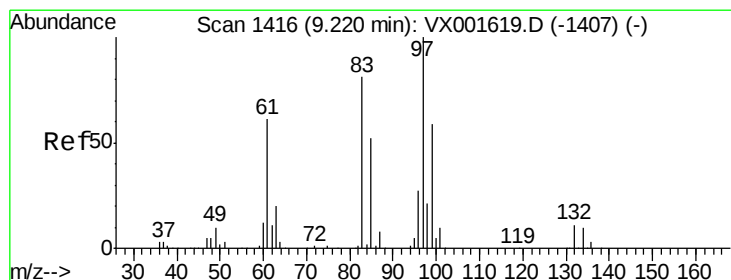
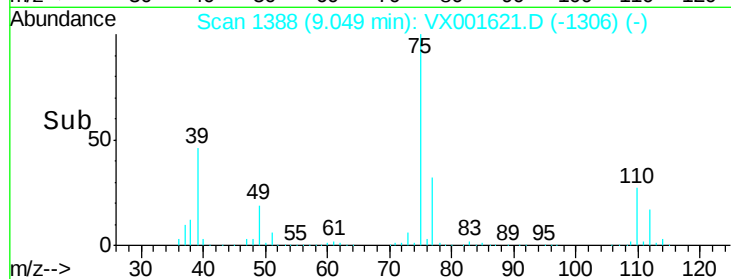
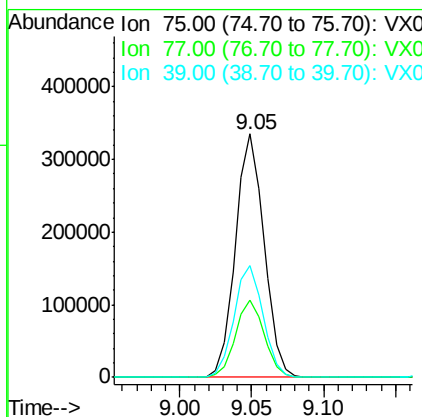
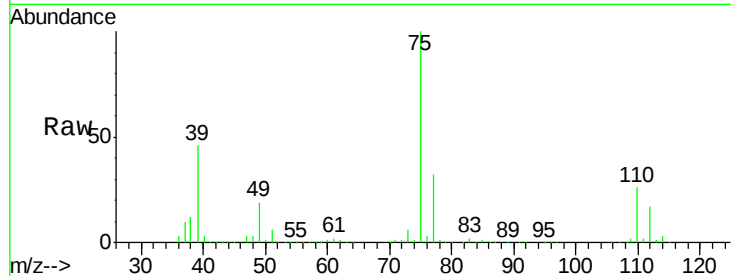
#49
 cis-1,3-Dichloropropene
 Concen: 91.33 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
75	100	465882		
77	31.7	25.8	38.6	
39	45.9	39.4	59.0	

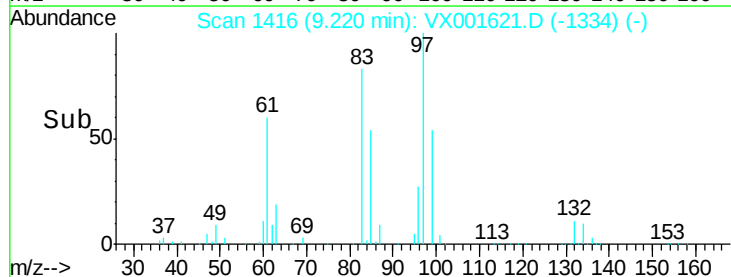
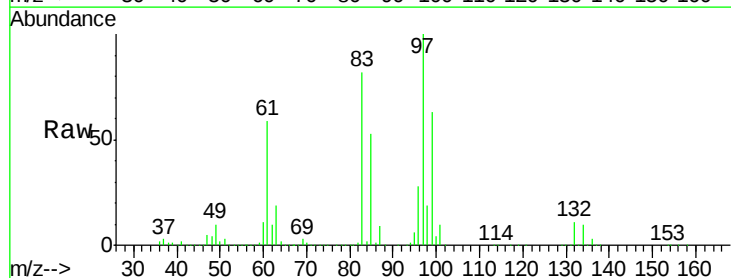
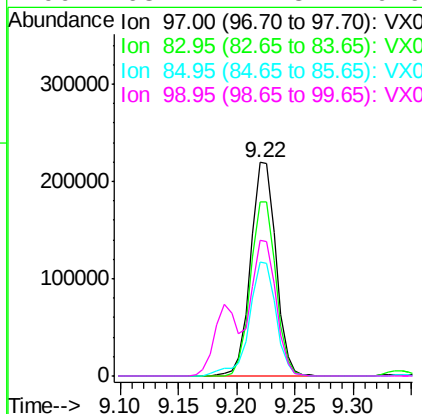
Manual Integrations
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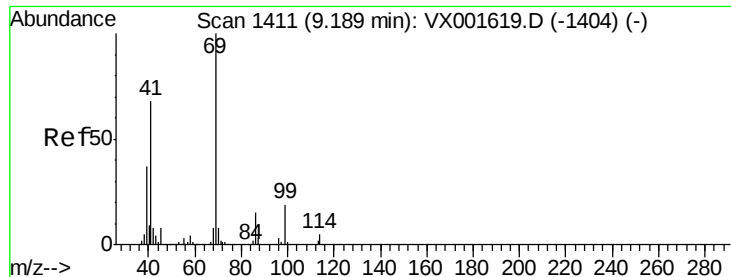
apatel
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#50
 1,1,2-Trichloroethane
 Concen: 91.30 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	333996		
83	81.7	65.0	97.6	
85	53.2	41.5	62.3	
99	63.2	47.3	70.9	





#51

Ethyl methacrylate

Concen: 100.16 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

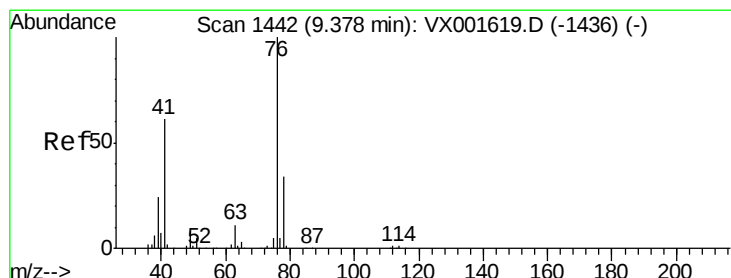
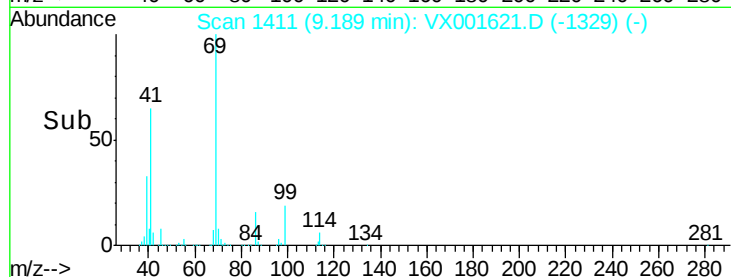
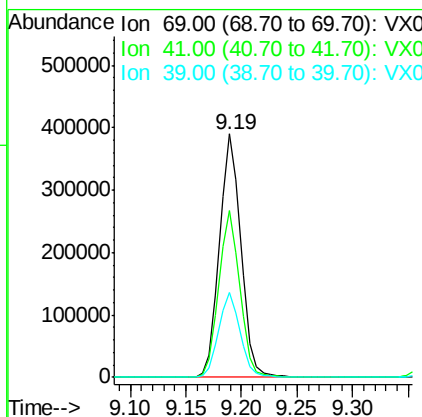
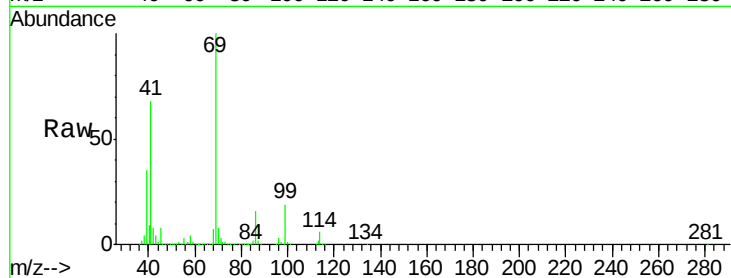
ClientSampled :

VSTDIC100

Tot Ion:	69	Resp:	521358
Ion	Ratio	Lower	Upper
69	100		
41	68.3	33.9	101.6
39	34.6	18.4	55.2

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 93.29 ug/l

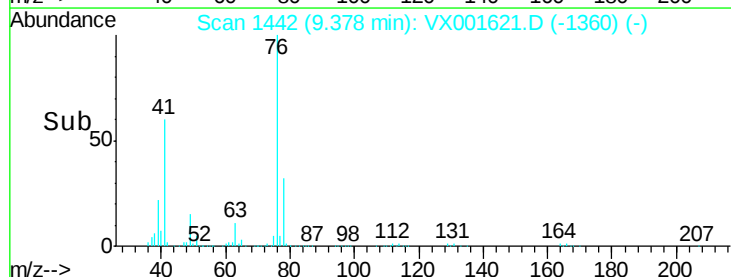
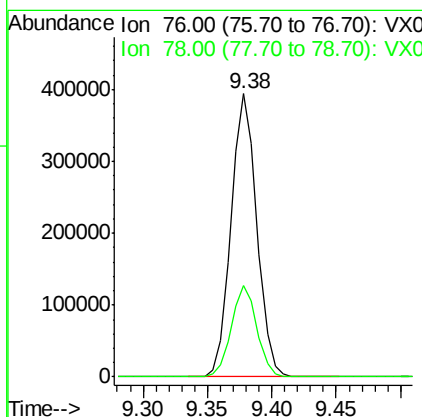
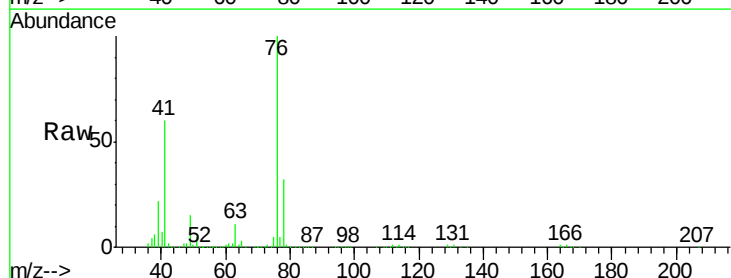
RT: 9.38 min Scan# 1442

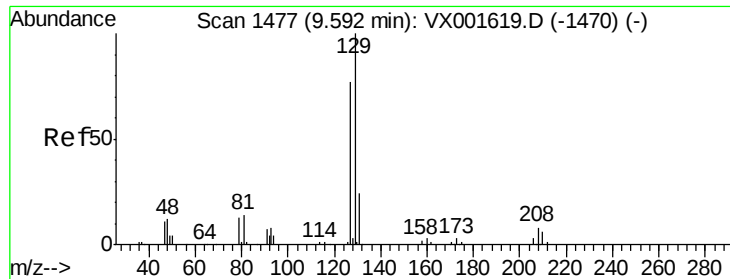
Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Tgt Ion:	76	Resp:	553092
Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	65.8





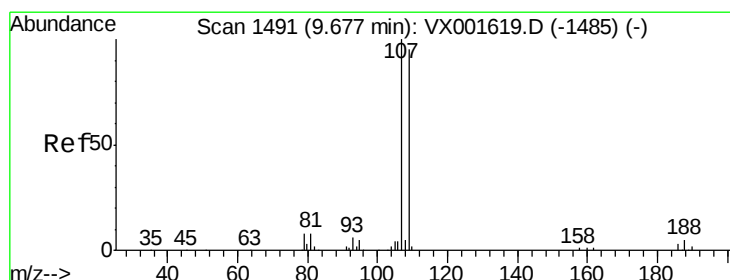
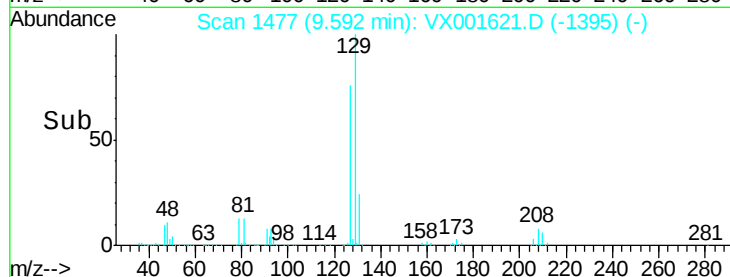
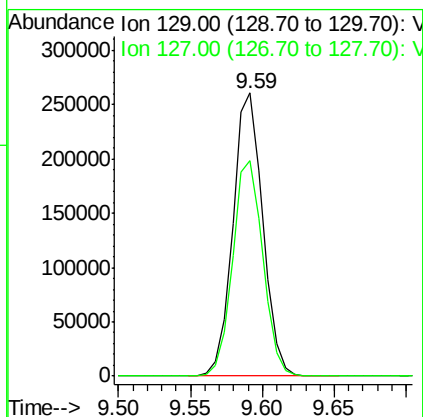
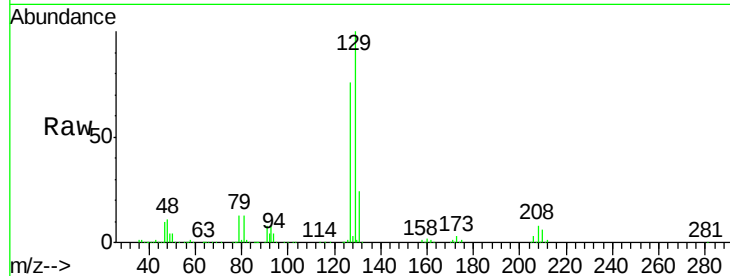
#53
 Dibromochloromethane
 Concen: 94.26 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	77.0	37.9	113.7	

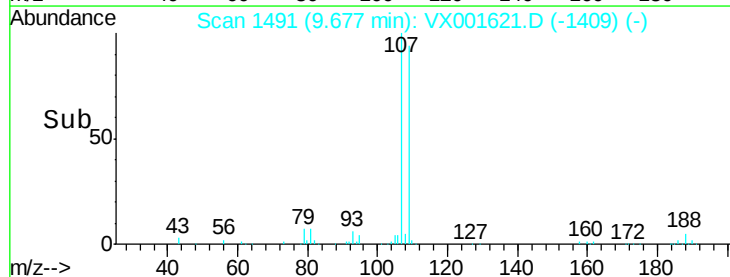
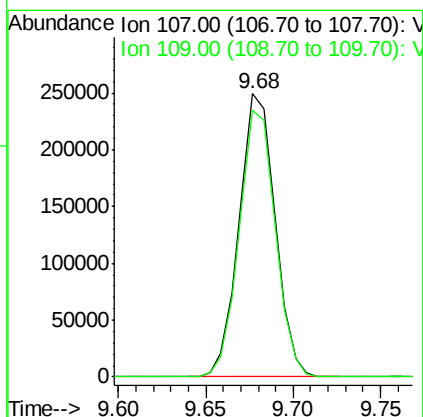
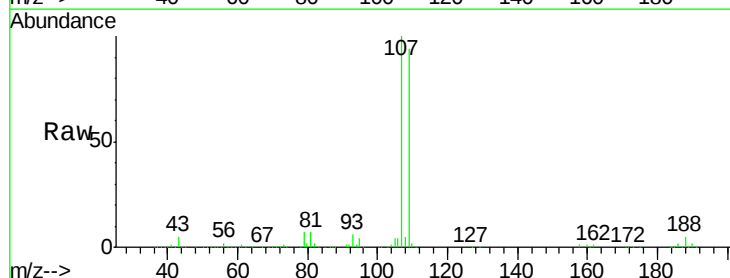
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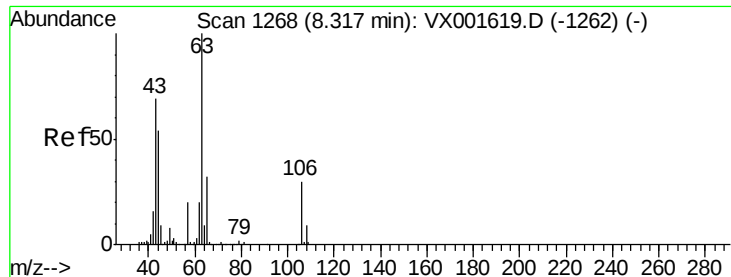
apatel
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#54
 1,2-Dibromoethane
 Concen: 90.88 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	95.0	75.0	112.6	





#55

2-Chloroethyl vinyl ether

Concen: 509.39 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.01 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 63 Resp: 1320900

Ion Ratio Lower Upper

63 100

65 32.3 25.8 38.8

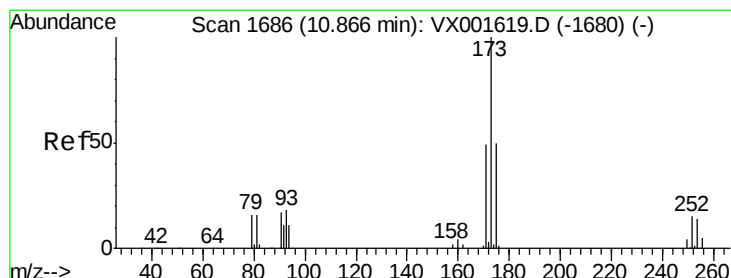
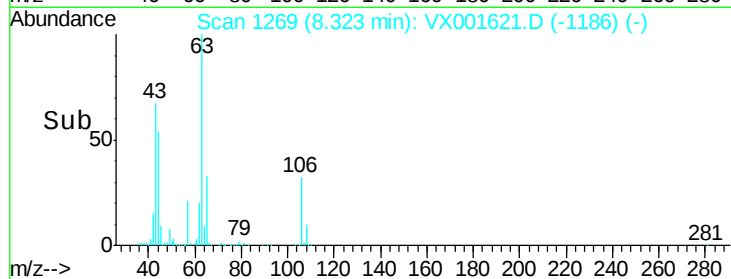
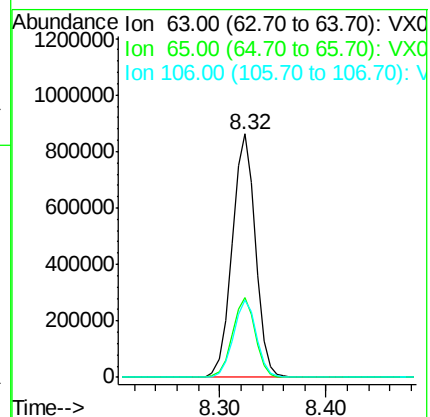
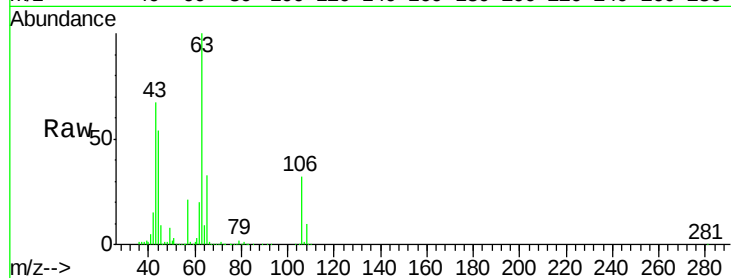
106 31.4 24.8 37.2

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#56

Bromoform

Concen: 99.72 ug/l

RT: 10.87 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

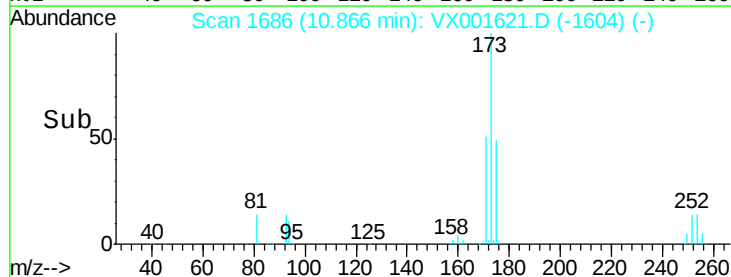
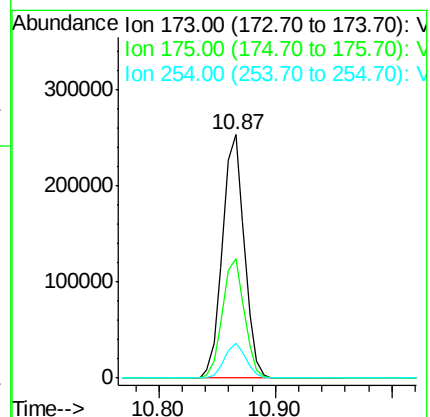
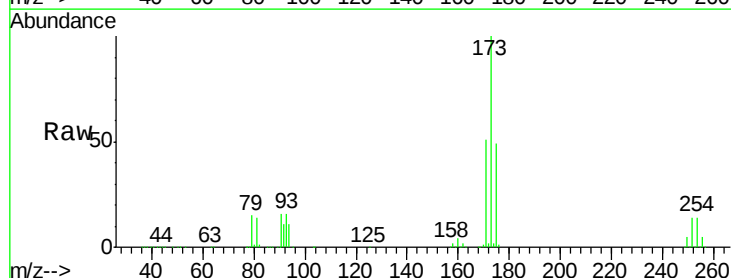
Tgt Ion: 173 Resp: 327118

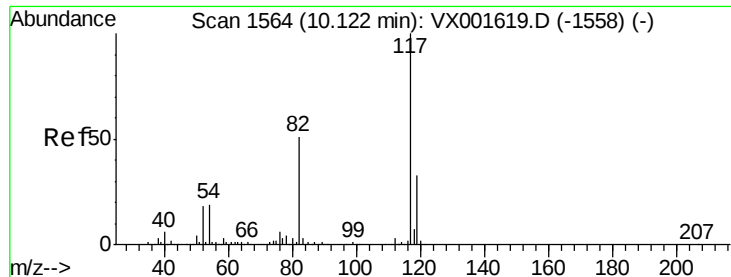
Ion Ratio Lower Upper

173 100

175 49.1 39.8 59.8

254 14.0 10.7 16.1





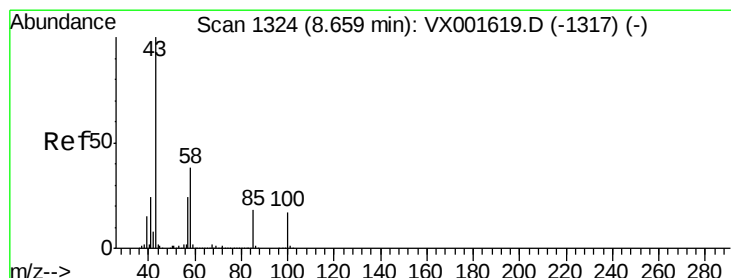
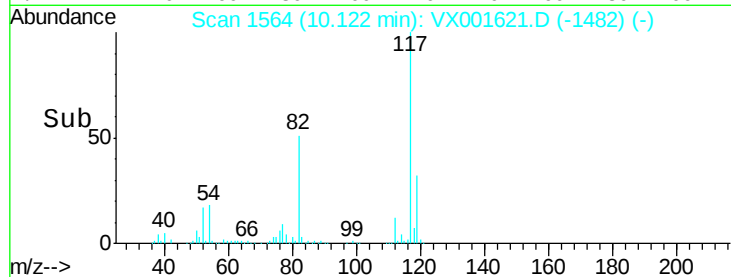
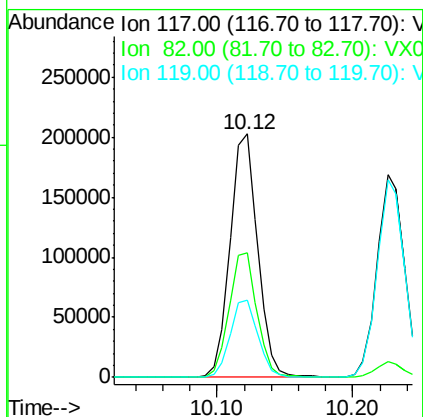
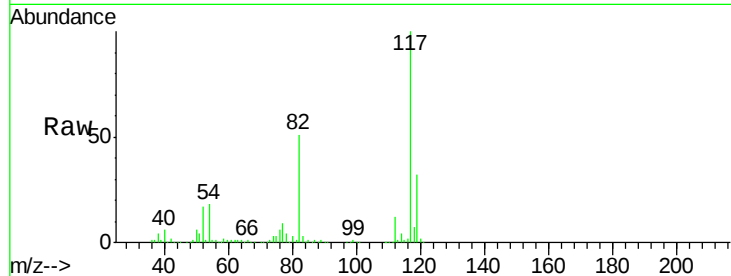
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
117	100	286791		
82	51.8		42.2	63.2
119	31.9		26.3	39.5

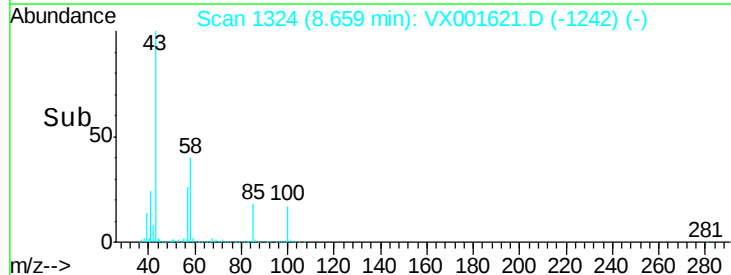
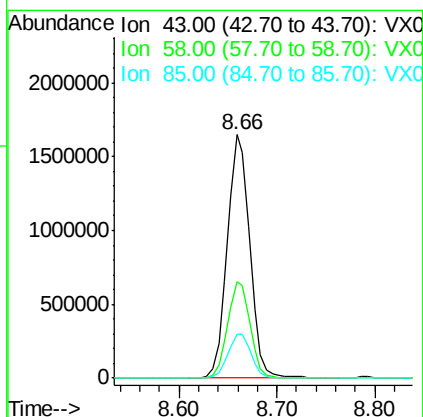
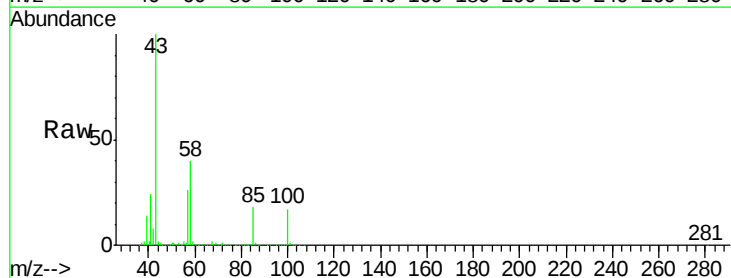
Manual Integrations
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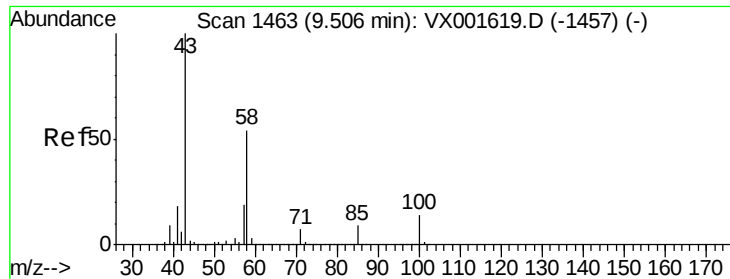
apatel
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#58
4-Methyl-2-Pentanone
Concen: 535.21 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	2628826		
58	39.9		30.4	45.6
85	18.5		14.3	21.5





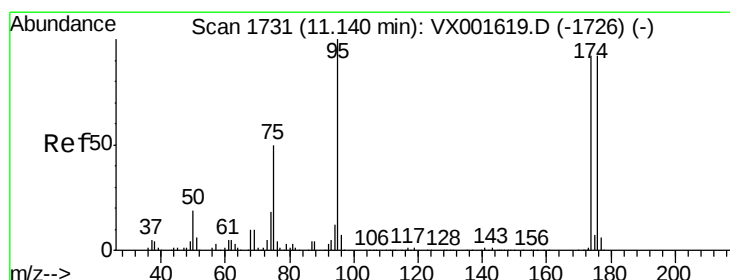
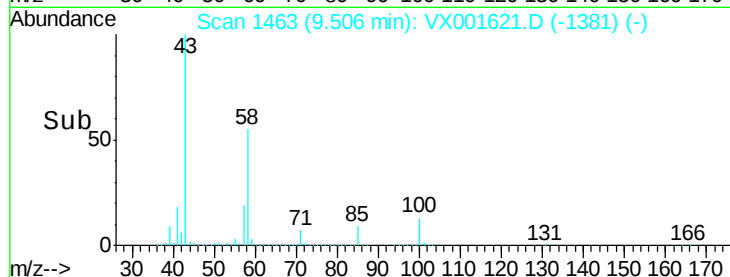
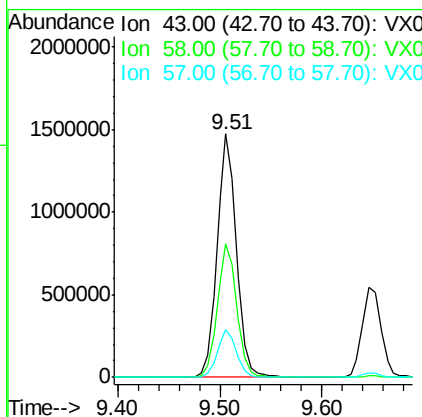
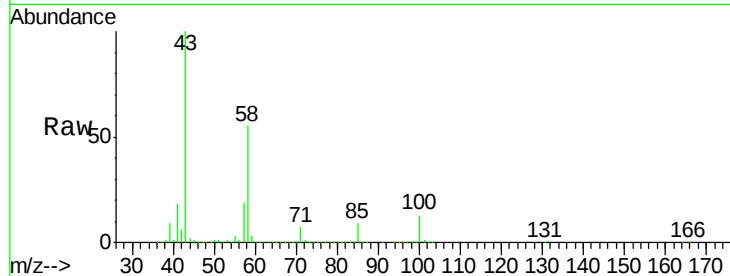
#59
2-Hexanone
Concen: 517.44 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1967084
Ion Ratio Lower Upper
43 100
58 55.1 43.0 64.4
57 19.2 15.4 23.0

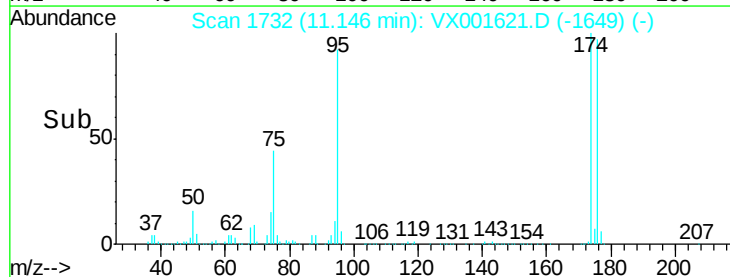
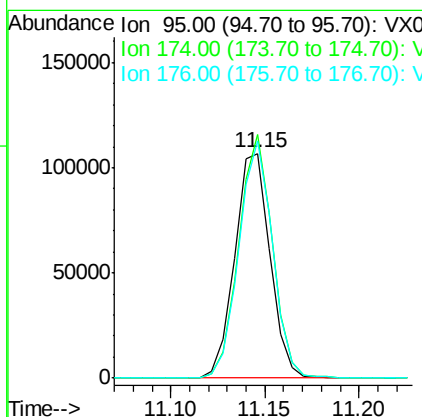
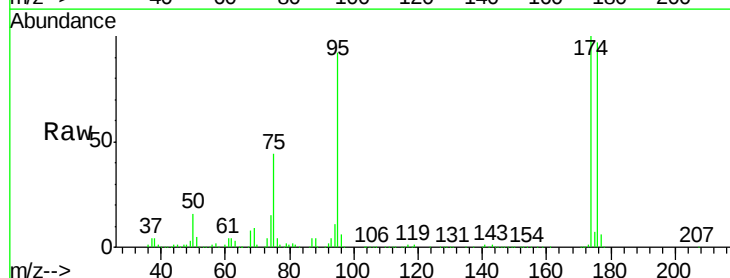
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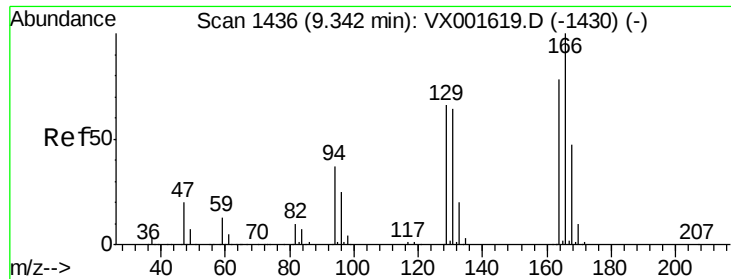
apatel
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#60
4-Bromofluorobenzene
Concen: 29.04 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion: 95 Resp: 138687
Ion Ratio Lower Upper
95 100
174 103.0 80.2 120.2
176 100.7 79.2 118.8





#61

Tetrachloroethene

Concen: 101.54 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

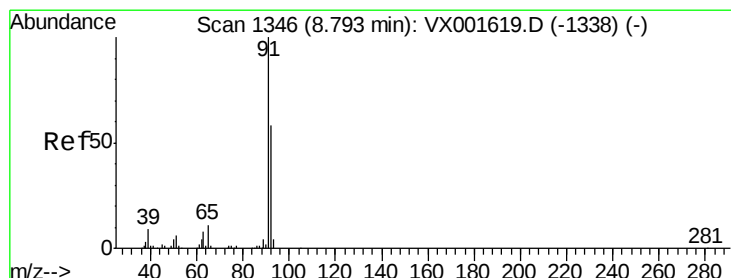
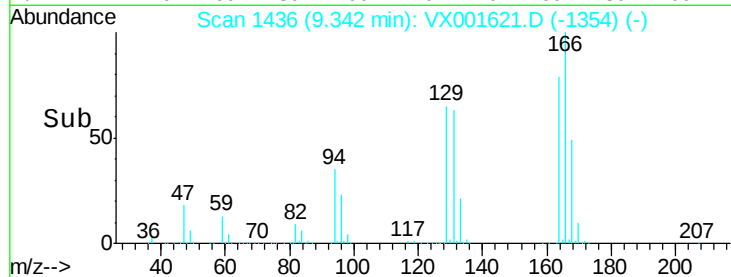
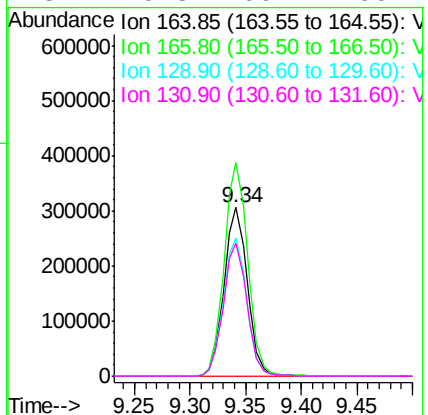
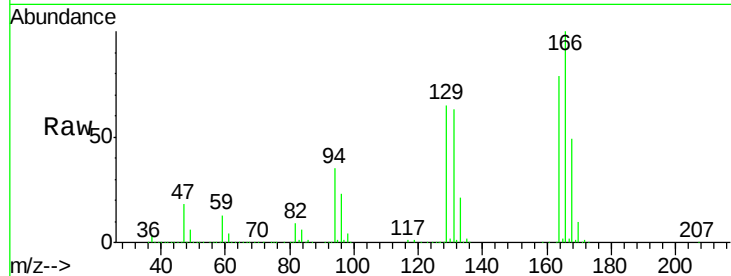
ClientSampleId :

VSTDIC100

Tot Ion:	164	Resp:	444454
Ion	Ratio	Lower	Upper
164	100		
166	126.8	102.8	154.2
129	82.4	67.8	101.8
131	79.3	66.2	99.2

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#62

Toluene

Concen: 94.96 ug/l

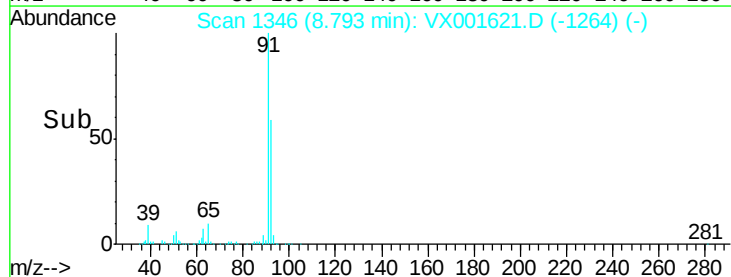
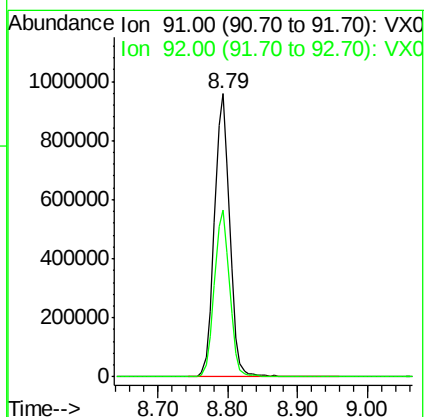
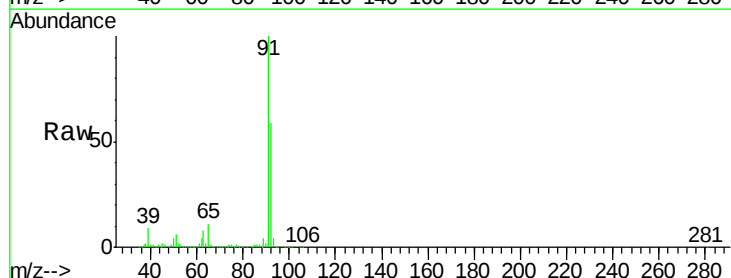
RT: 8.79 min Scan# 1346

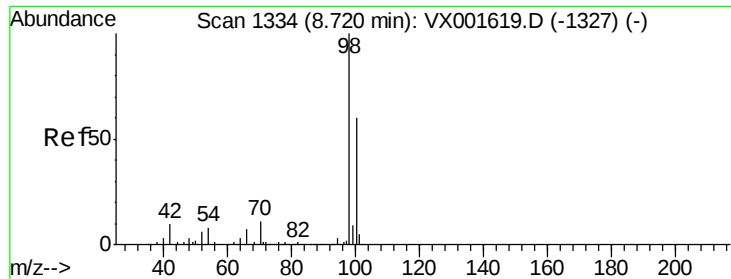
Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Tgt Ion:	91	Resp:	1453026
Ion	Ratio	Lower	Upper
91	100		
92	59.3	47.4	71.0





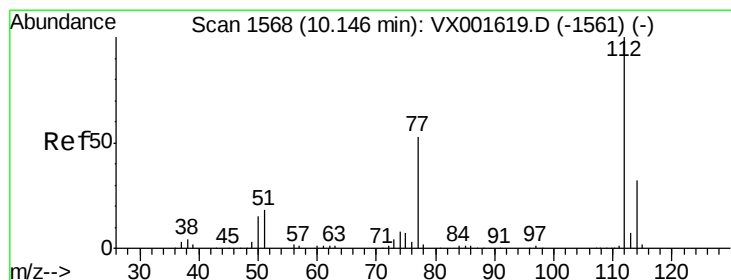
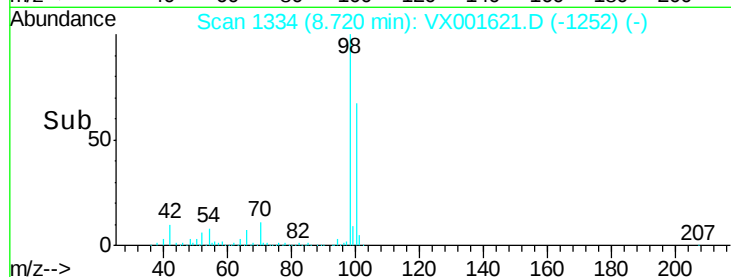
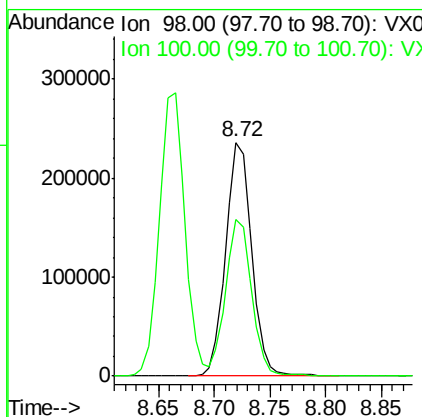
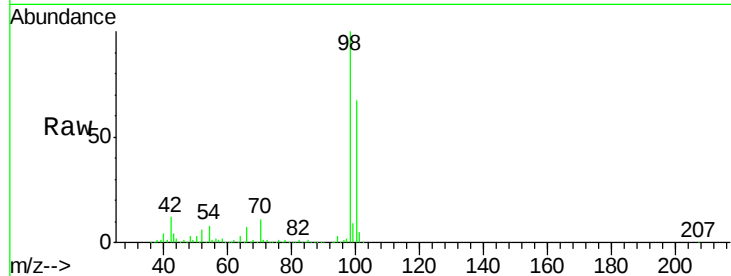
#63
Toluene-d8
Concen: 30.80 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 98 Resp: 382627
Ion Ratio Lower Upper
98 100
100 66.8 52.2 78.2

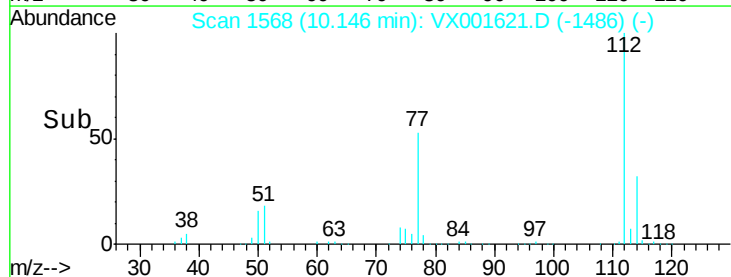
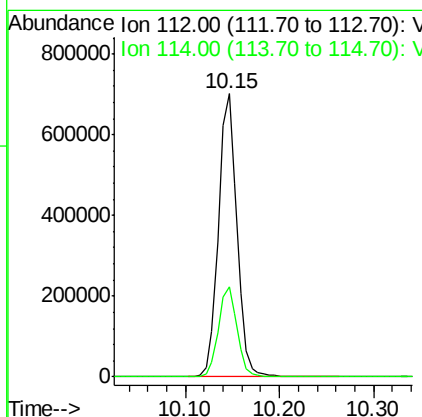
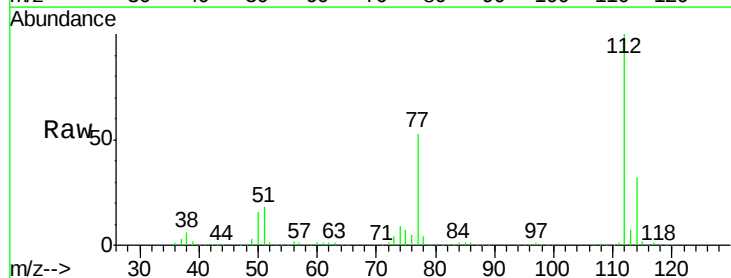
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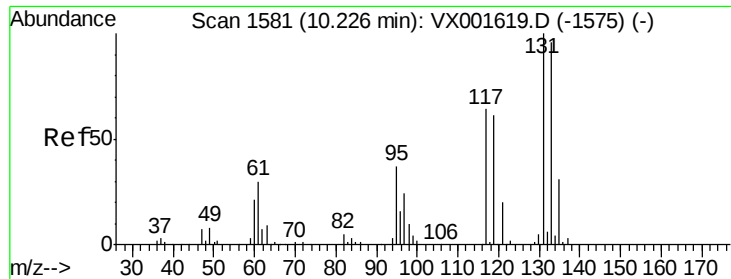
apatel
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#64
Chlorobenzene
Concen: 92.54 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion: 112 Resp: 953380
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 96.09 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

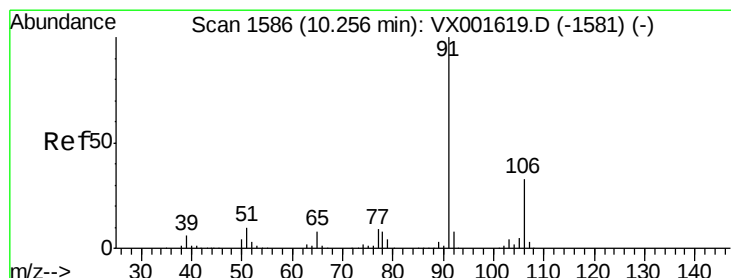
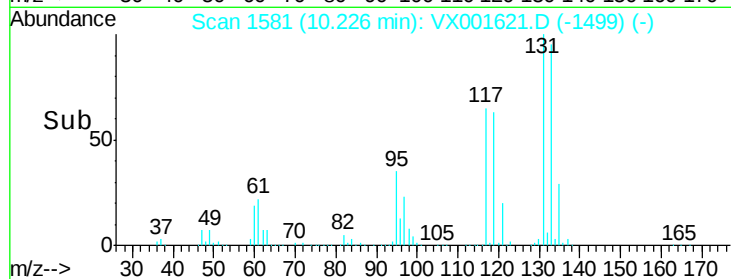
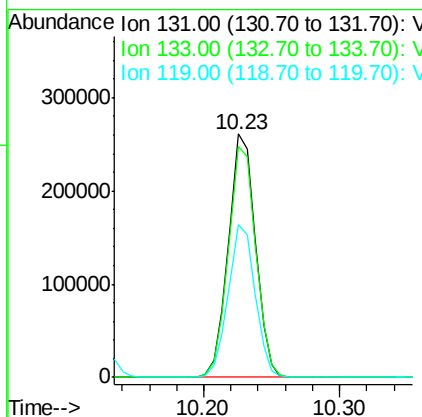
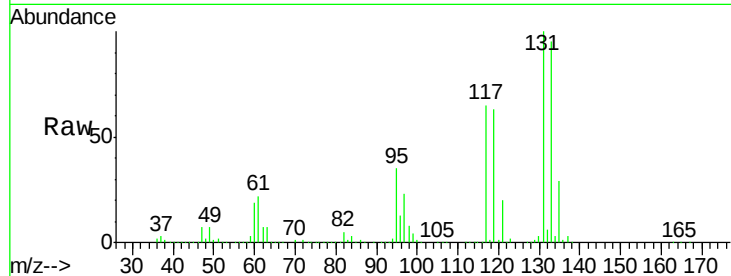
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
131	100	361649		
133	96.1	0.0	191.4	
119	62.6	0.0	124.2	

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#66

Ethyl Benzene

Concen: 93.95 ug/l

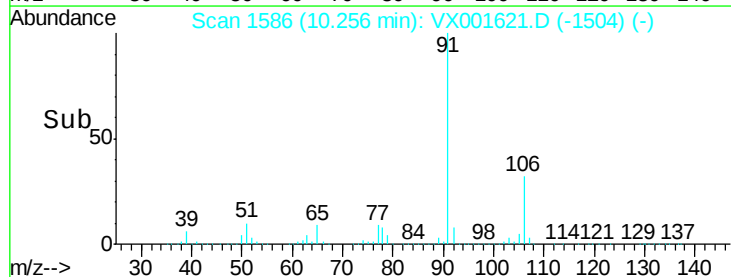
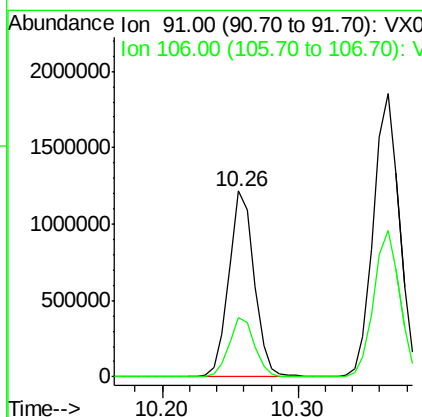
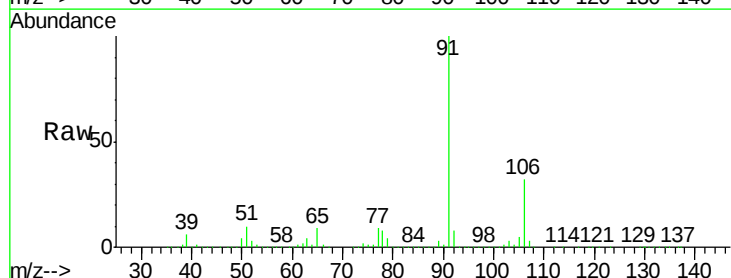
RT: 10.26 min Scan# 1586

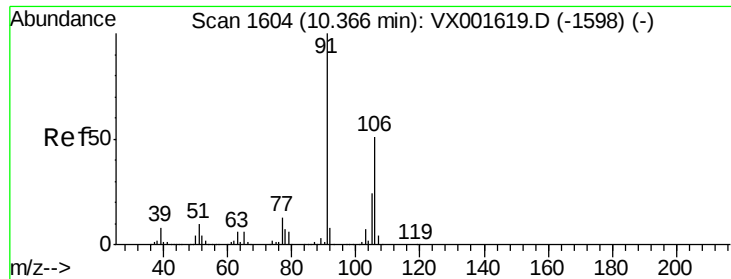
Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1585010		
106	31.9	26.2	39.4	





#67

m/p-Xvlenes

Concen: 187.98 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:106 Resp: 1267292

Ion Ratio Lower Upper

106 100

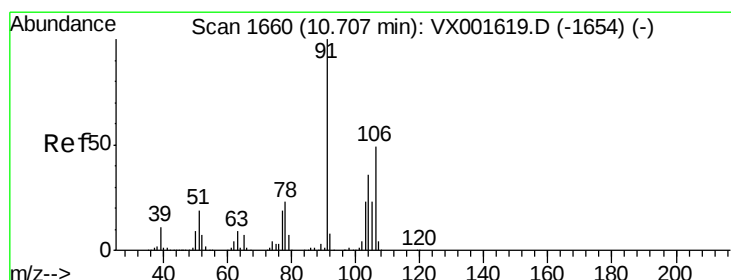
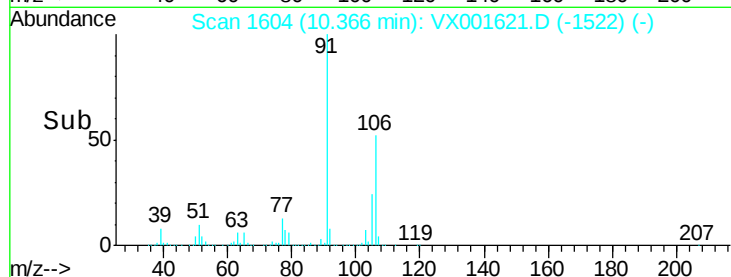
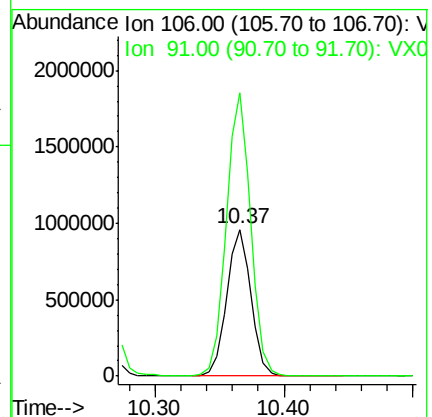
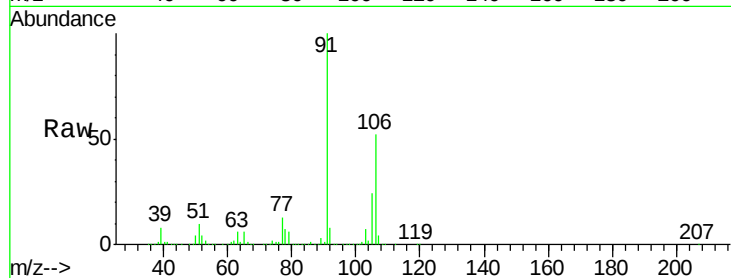
91 194.8 157.8 236.8

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#68

o-Xylene

Concen: 95.36 ug/l

RT: 10.71 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX001621.D

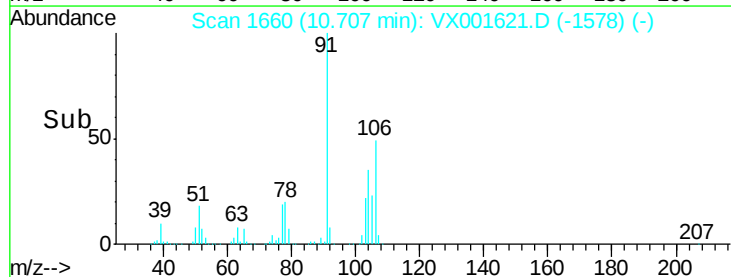
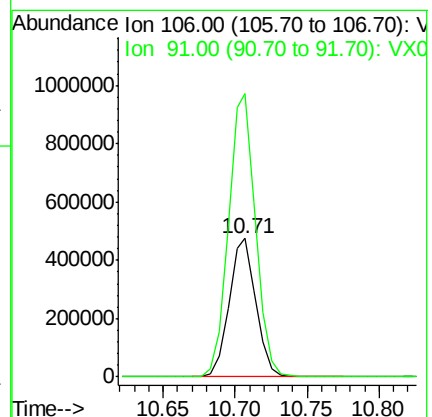
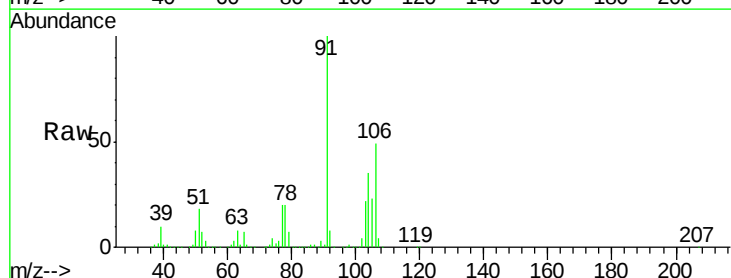
Acq: 11 May 2018 00:22

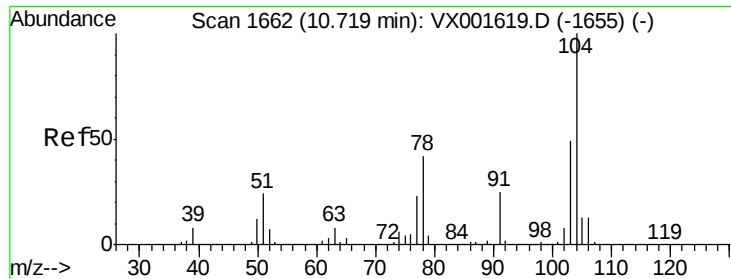
Tgt Ion:106 Resp: 620517

Ion Ratio Lower Upper

106 100

91 206.2 104.3 312.8





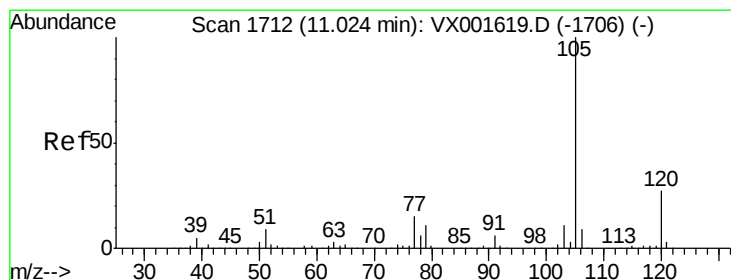
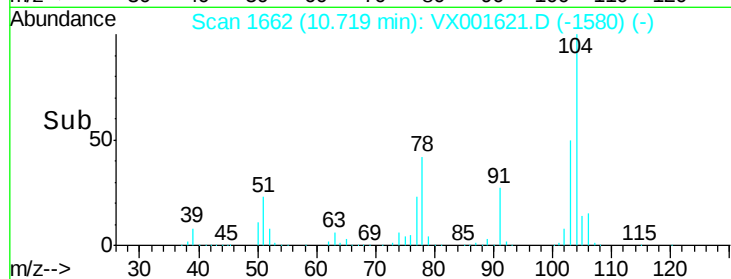
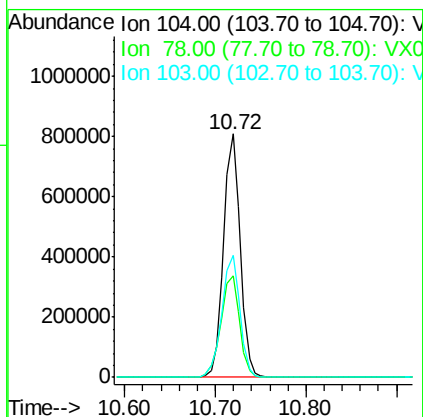
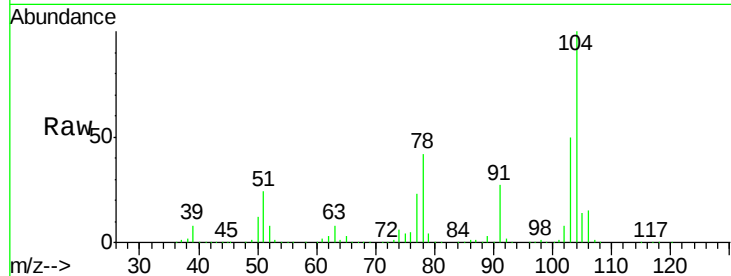
#69
Stvrene
Concen: 96.01 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:104 Resp: 1040033
Ion Ratio Lower Upper
104 100
78 47.1 39.3 58.9
103 54.5 43.7 65.5

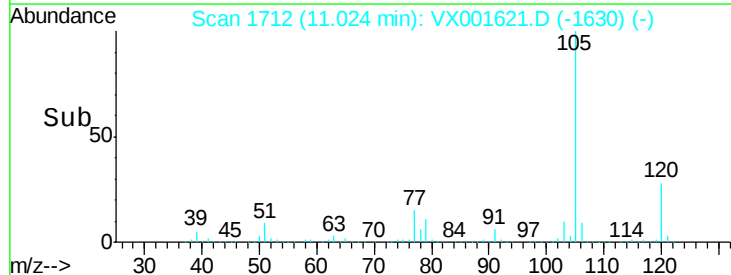
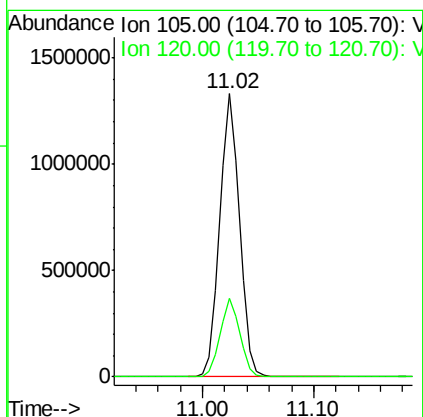
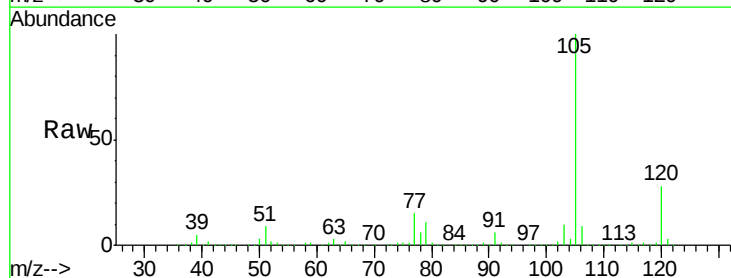
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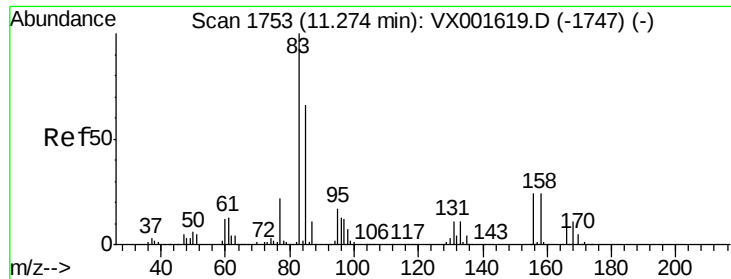
apatel
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#70
Isopropylbenzene
Concen: 93.48 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion:105 Resp: 1644114
Ion Ratio Lower Upper
105 100
120 27.6 19.1 35.5





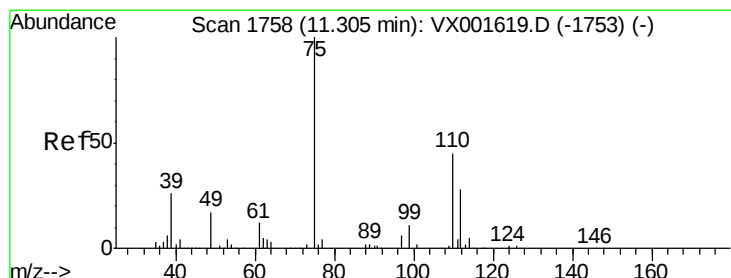
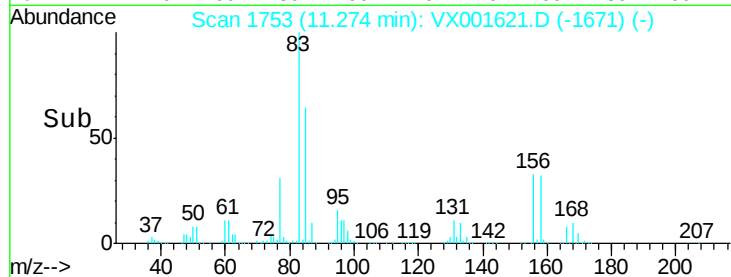
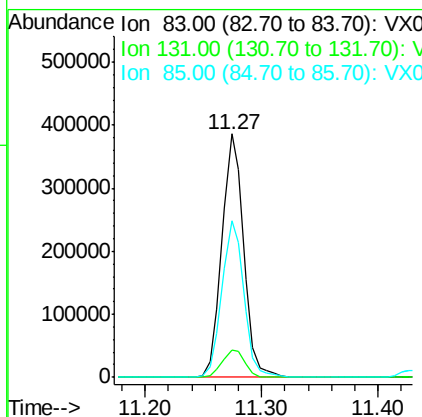
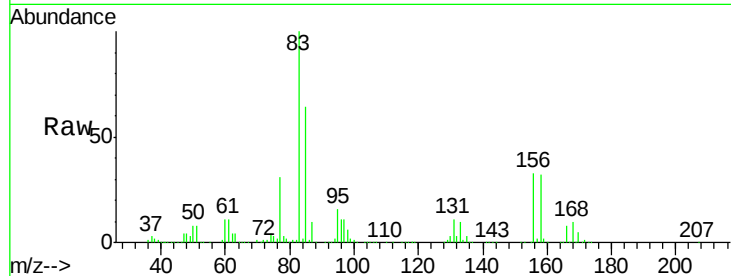
#71
 1,1,2,2-Tetrachloroethane
 Concen: 94.64 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.8	17.4
85	65.0	32.4	97.2

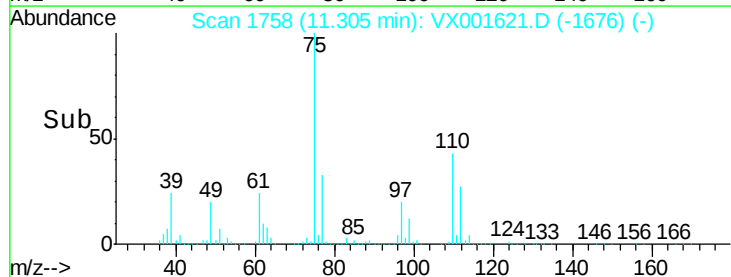
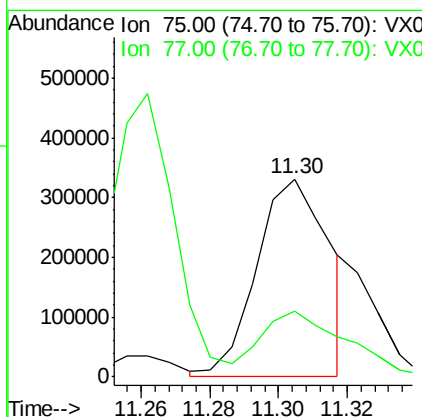
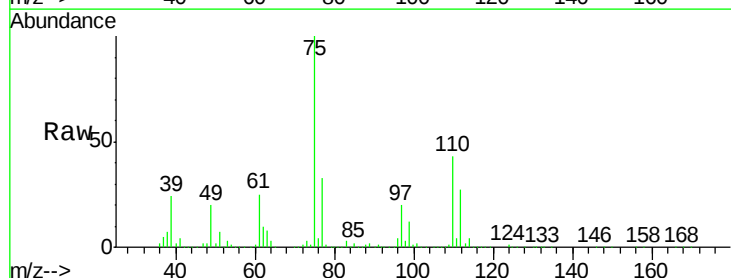
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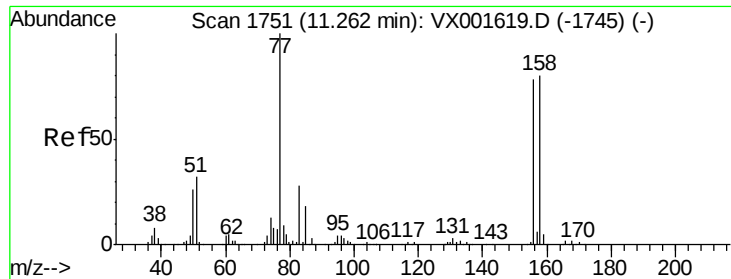
apatel
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#72
 1,2,3-Trichloropropane
 Concen: 100.89 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.0	0.0	73.2





#73

Bromobenzene

Concen: 91.78 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:156 Resp: 471529

Ion Ratio Lower Upper

156 100

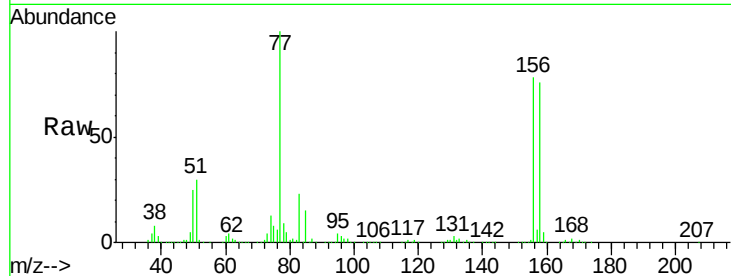
77 131.6 0.0 266.4

158 97.9 0.0 194.4

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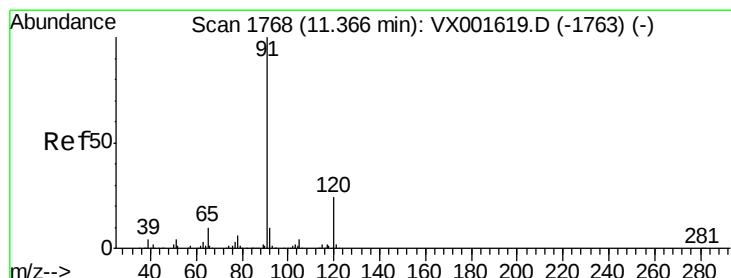
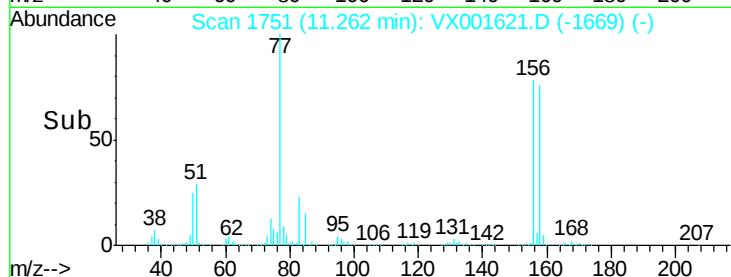
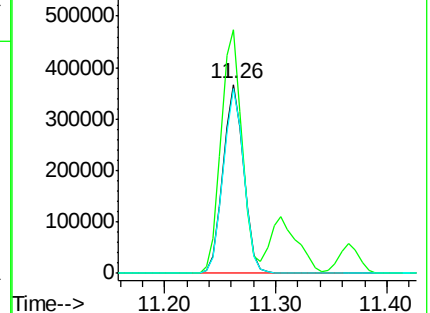
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 93.90 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001621.D

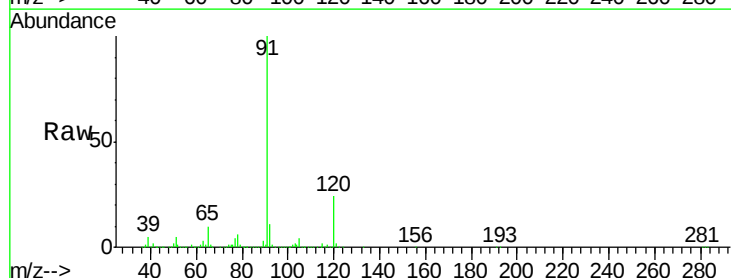
Acq: 11 May 2018 00:22

Tgt Ion: 91 Resp: 1860730

Ion Ratio Lower Upper

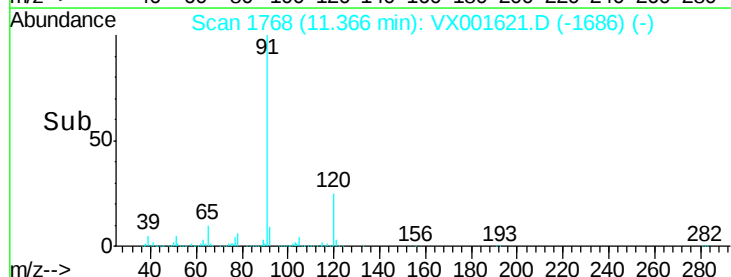
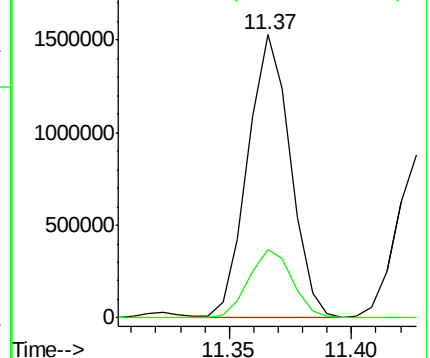
91 100

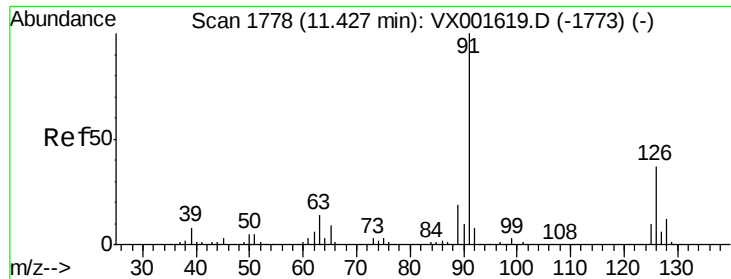
120 24.6 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 91.35 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1100665

Ion Ratio Lower Upper

91 100

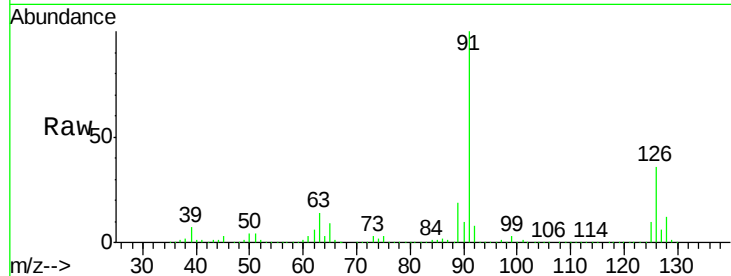
126 36.9 0.0 72.0

Manual Integrations

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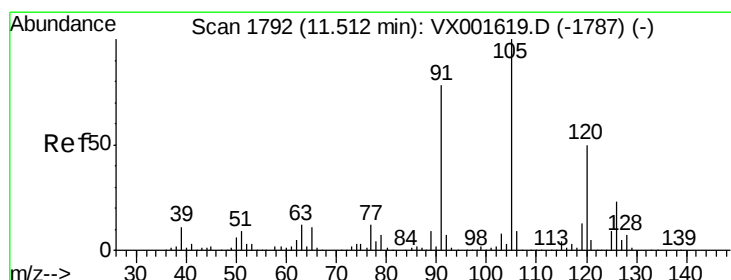
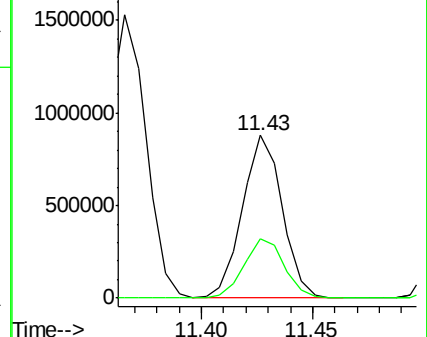
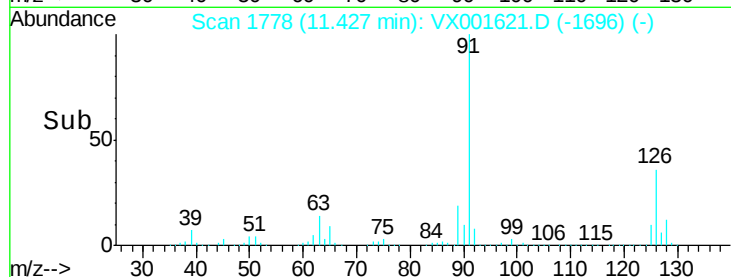
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VX001619.D (-1773) (-)

Ion 126.00 (125.70 to 126.70): VX001619.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 92.41 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001621.D

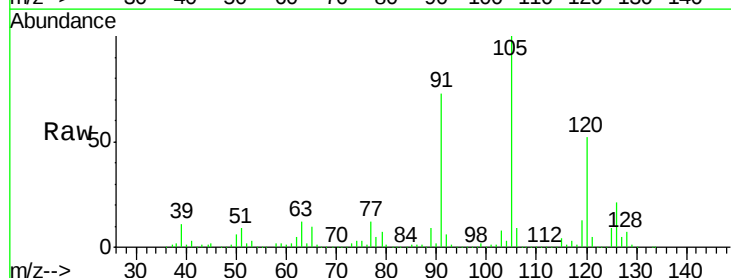
Acq: 11 May 2018 00:22

Tgt Ion:105 Resp: 1384543

Ion Ratio Lower Upper

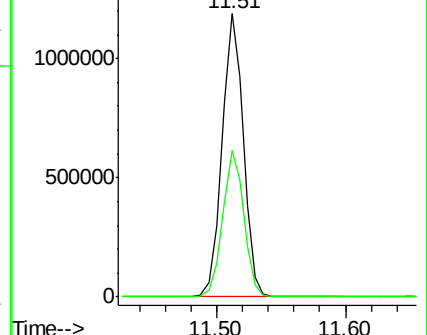
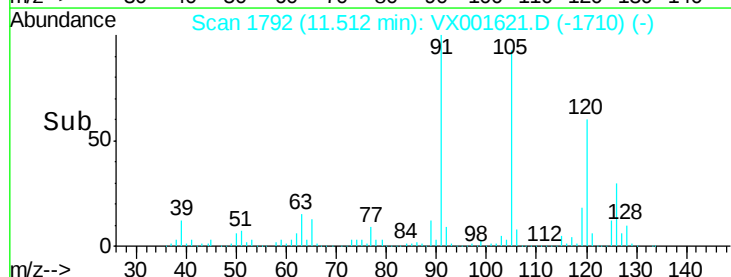
105 100

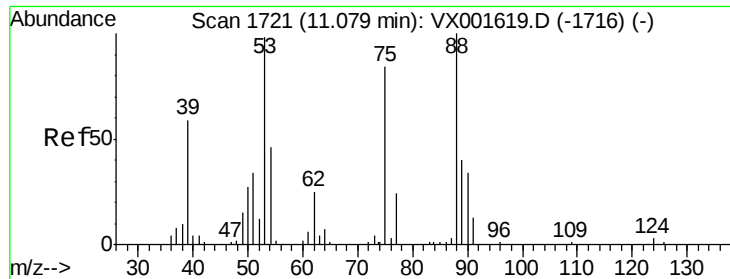
120 51.5 0.0 101.8



Abundance Ion 105.00 (104.70 to 105.70): VX001619.D (-1787) (-)

Ion 120.00 (119.70 to 120.70): VX001619.D (-1787) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 104.69 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001621.D

Acq: 11 May 2018 00:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 146748

Ion Ratio Lower Upper

75 100

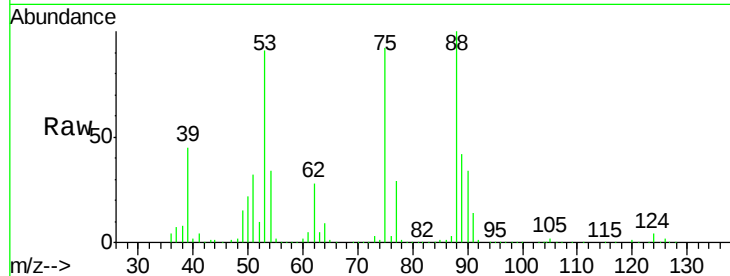
53 98.6 58.3 174.8

89 45.7 23.9 71.8

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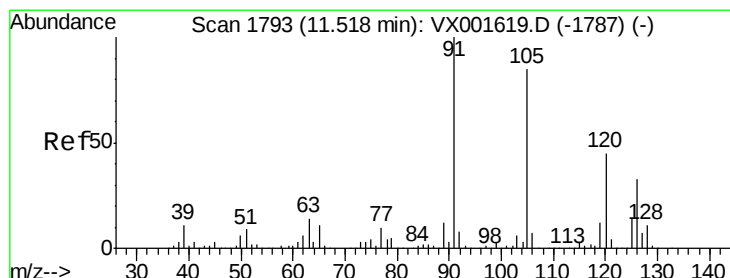
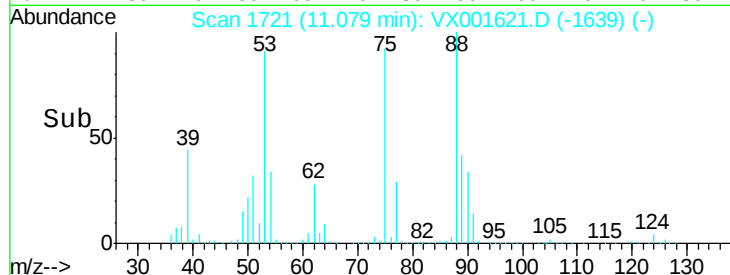
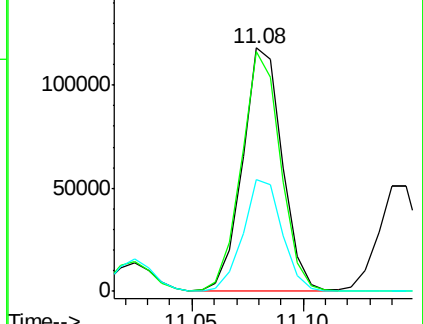
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Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 89.74 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001621.D

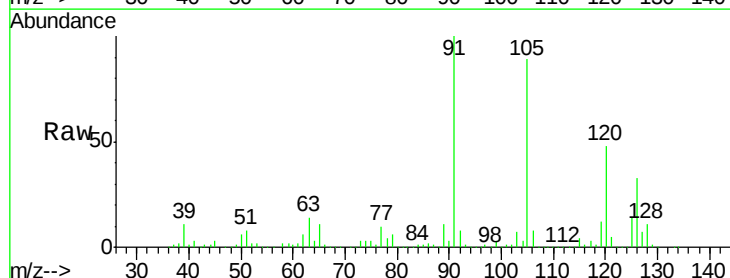
Acq: 11 May 2018 00:22

Tgt Ion: 91 Resp: 1276649

Ion Ratio Lower Upper

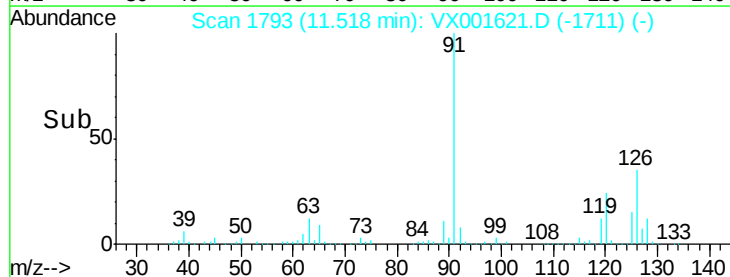
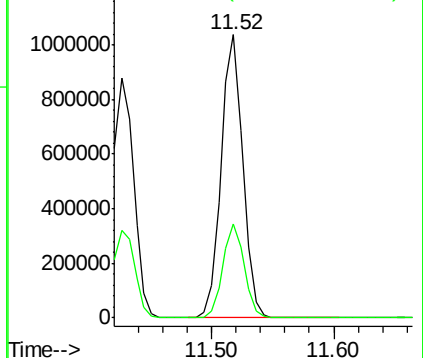
91 100

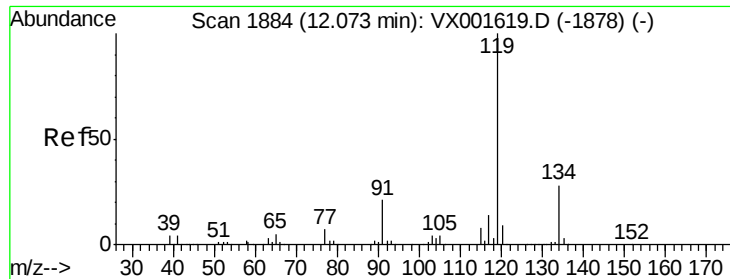
126 32.5 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





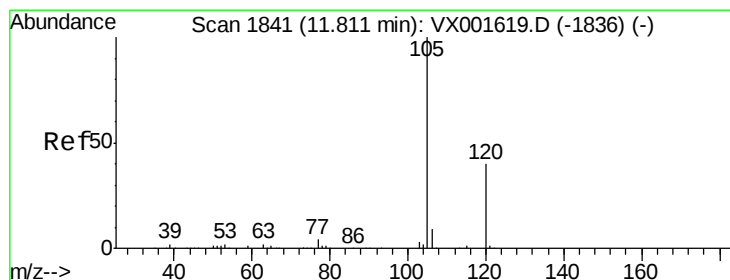
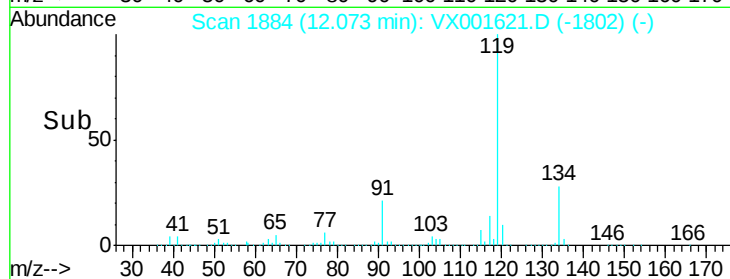
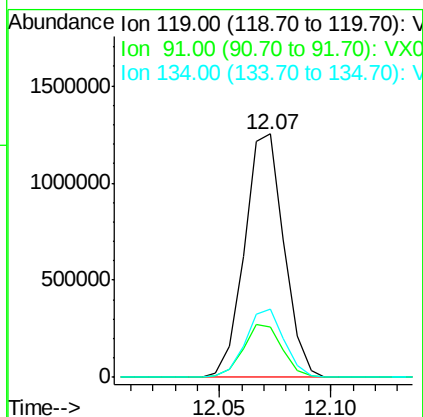
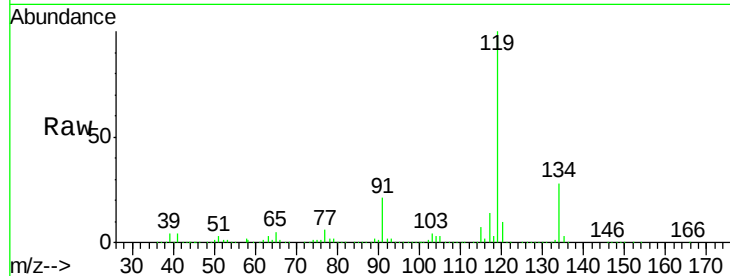
#79
tert-butylbenzene
Concen: 96.42 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	21.5	0.0	44.0
134	27.3	0.0	53.8

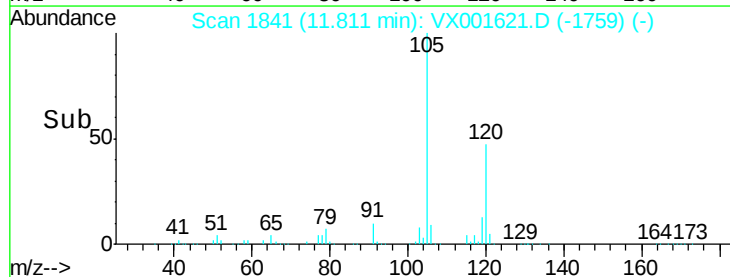
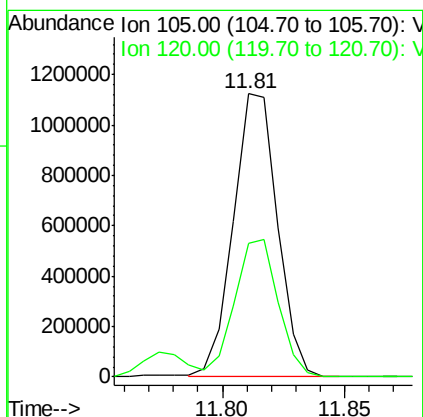
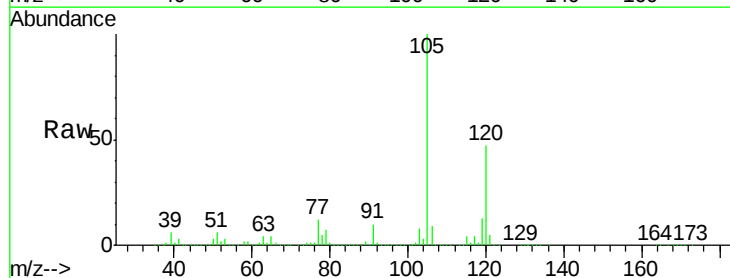
Manual Integrations
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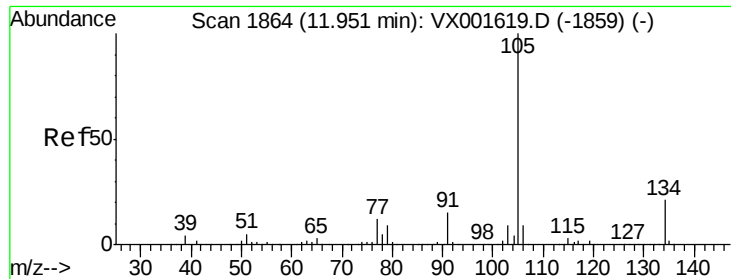
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 92.58 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	0.0	94.0





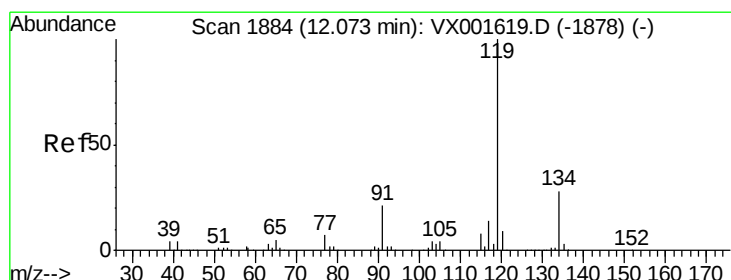
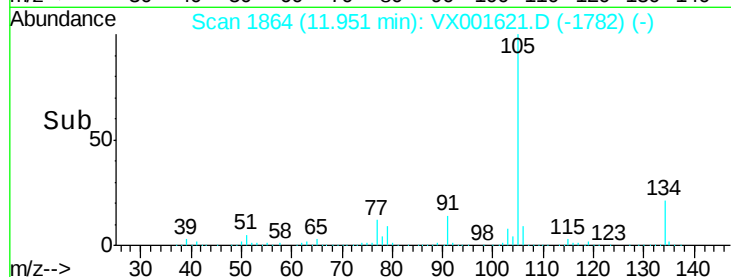
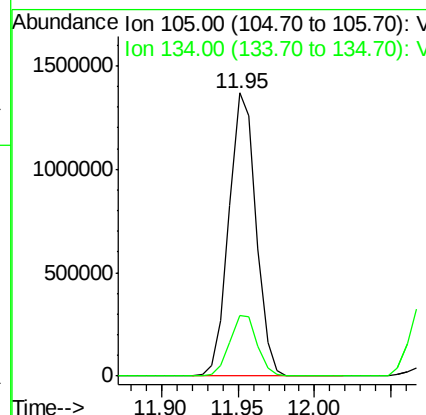
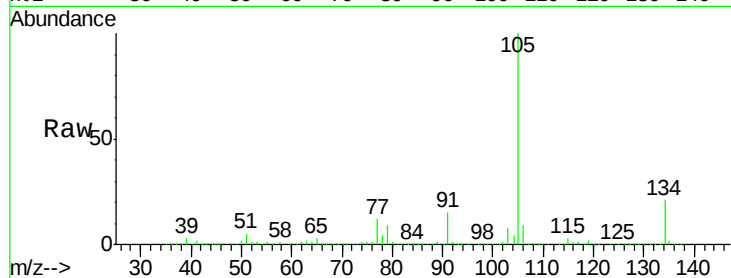
#81
 sec-Butylbenzene
 Concen: 96.46 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:105 Resp: 1675971
 Ion Ratio Lower Upper
 105 100
 134 21.9 0.0 43.4

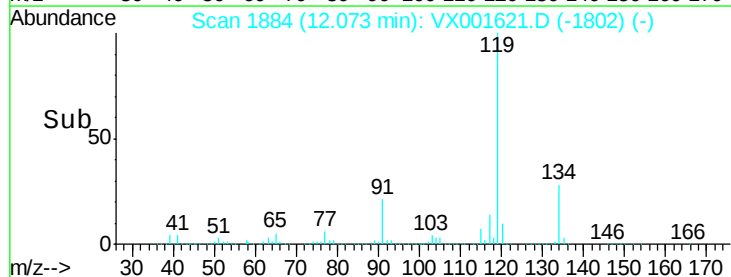
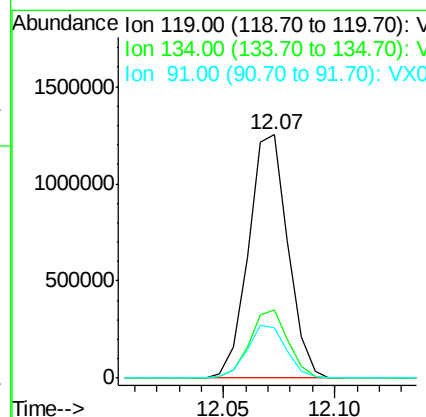
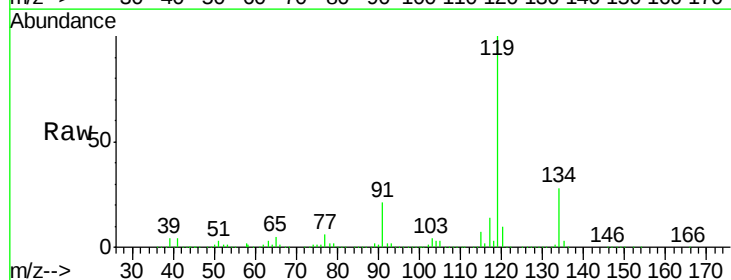
Manual Integrations
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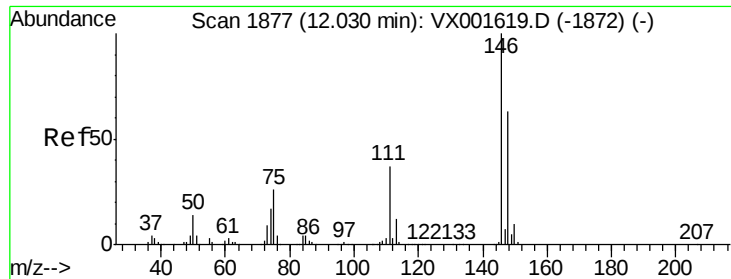
apatel
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#82
 p-Isopropyltoluene
 Concen: 96.42 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion:119 Resp: 1543787
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 53.8
 91 21.5 0.0 44.0





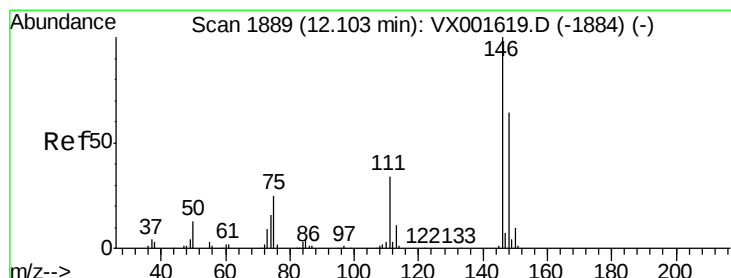
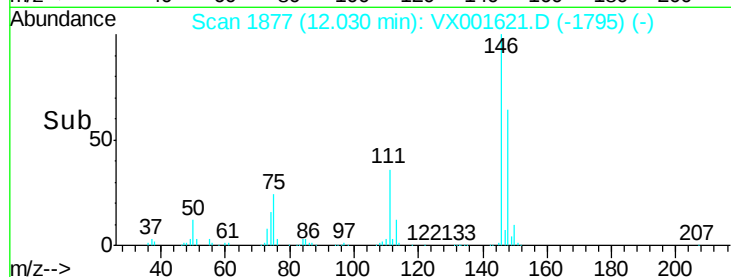
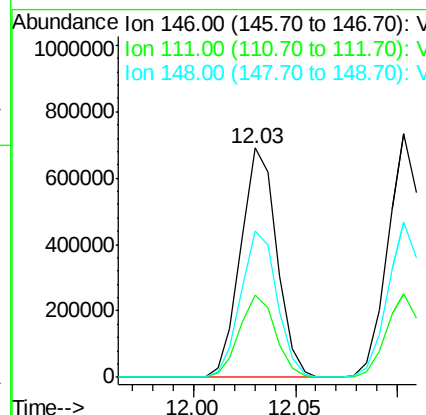
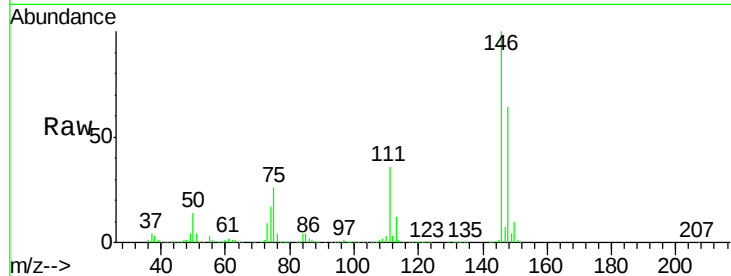
#83
 1,3-Dichlorobenzene
 Concen: 91.37 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.5	18.1	54.1
148	64.1	32.2	96.6

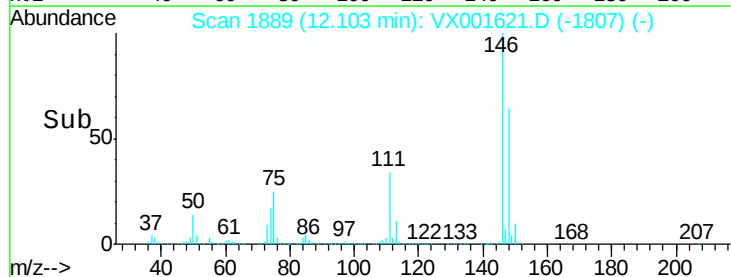
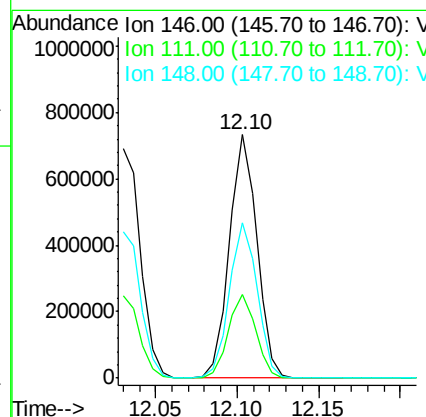
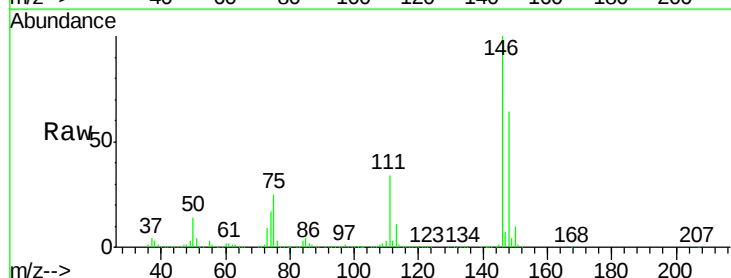
Manual Integrations
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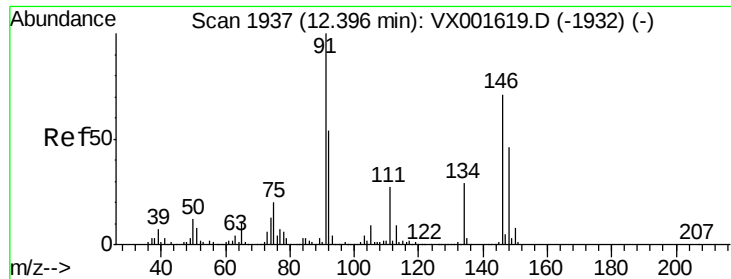
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#84
 1,4-Dichlorobenzene
 Concen: 91.26 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.1	17.4	52.3
148	64.4	32.5	97.4





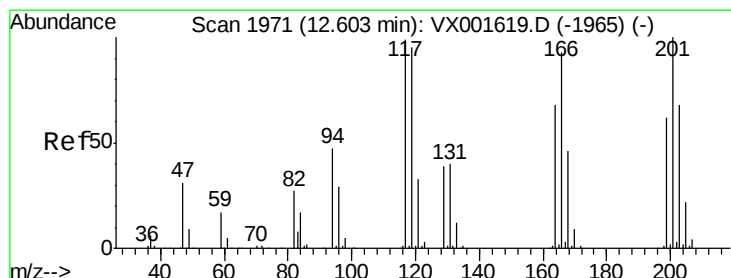
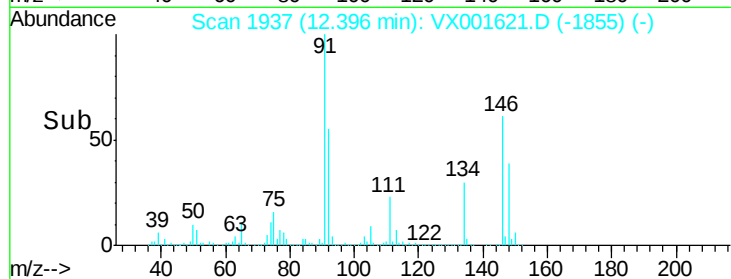
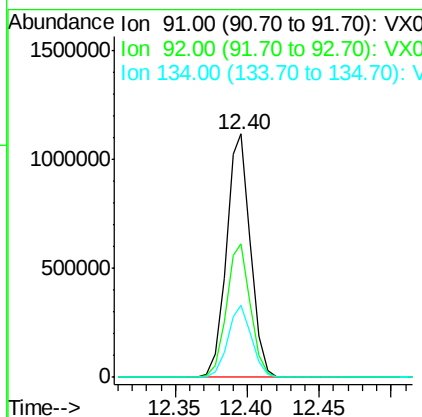
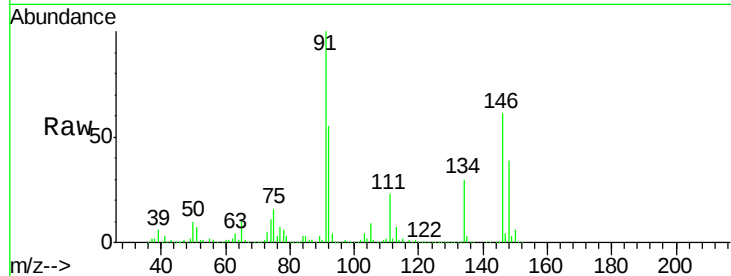
#85
n-Butylbenzene
Concen: 95.54 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	0.0	107.8
134	29.2	0.0	56.8

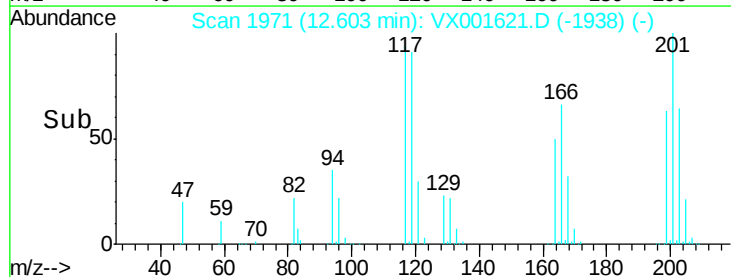
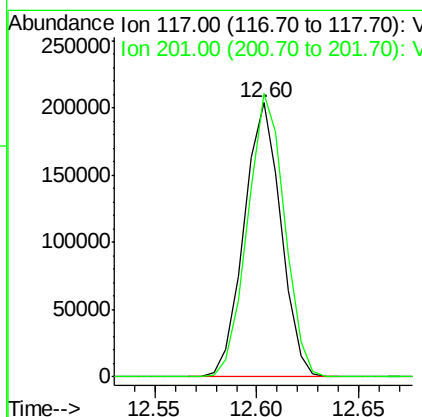
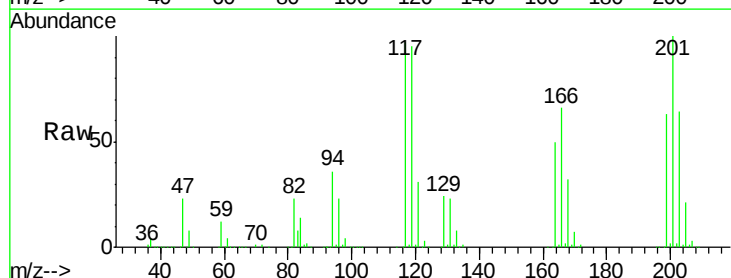
Manual Integrations
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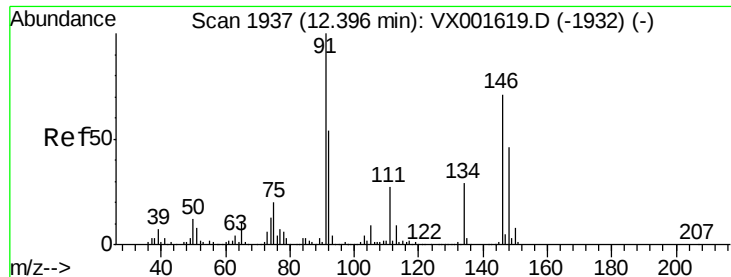
apatel
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#86
Hexachloroethane
Concen: 103.72 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	104.0	50.1	150.3





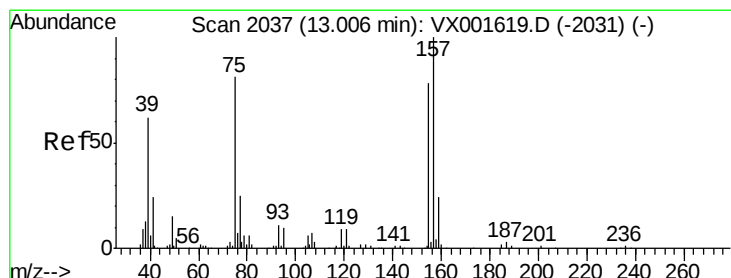
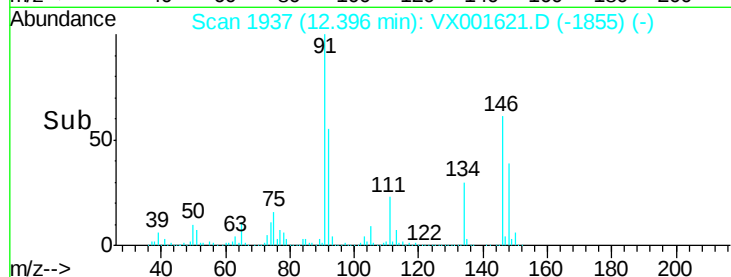
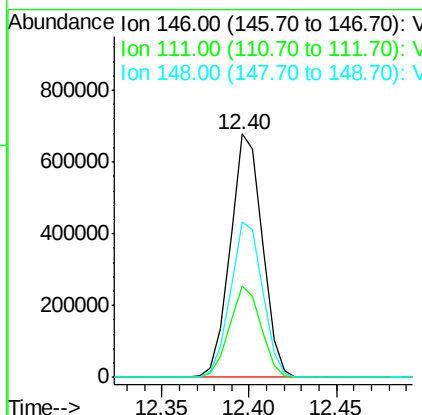
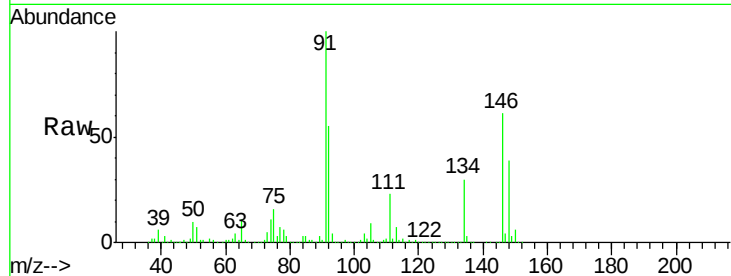
#87
 1,2-Dichlorobenzene
 Concen: 92.78 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.7	56.1
148	64.3	32.1	96.5

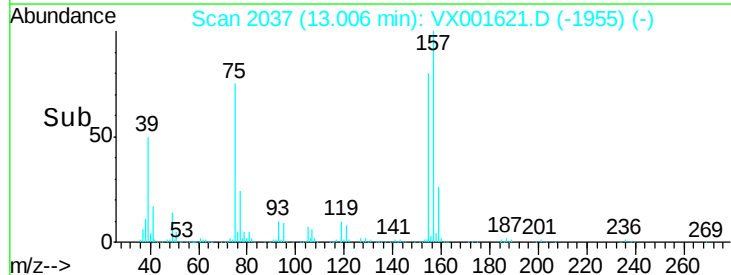
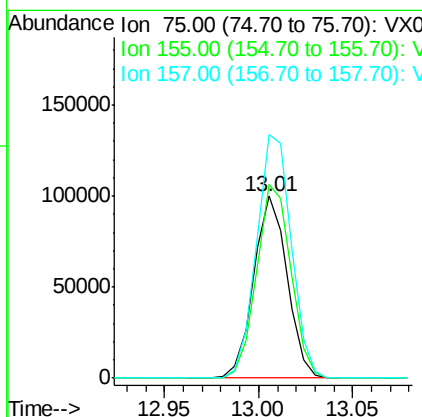
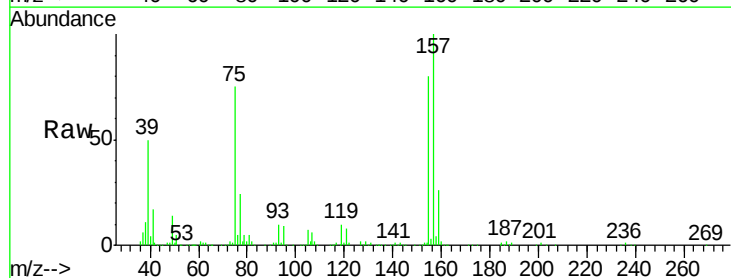
Manual Integrations
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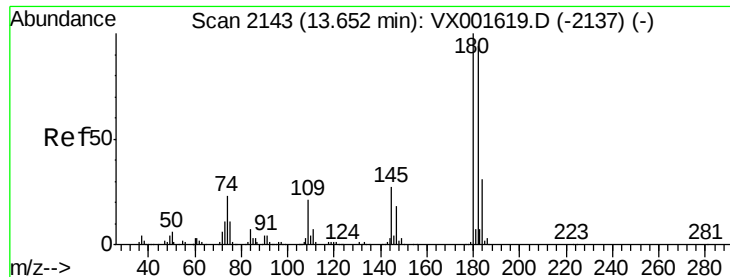
apatel
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 109.45 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.8	79.8	119.8
157	139.0	105.4	158.2





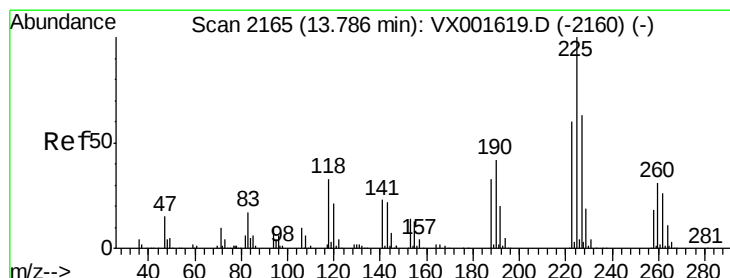
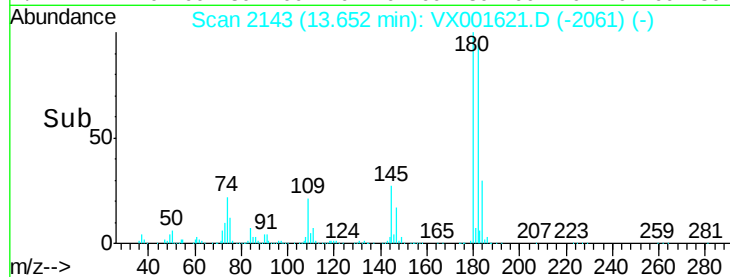
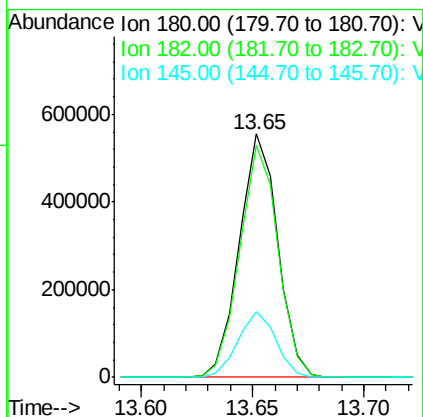
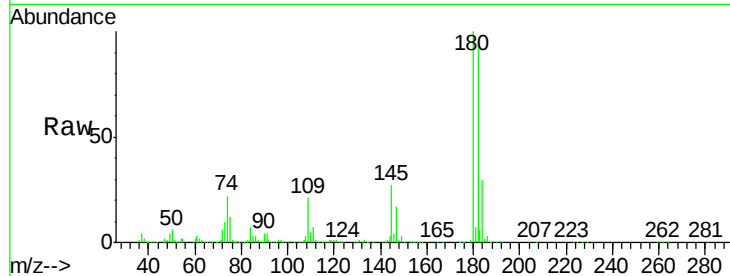
#89
 1,2,4-Trichlorobenzene
 Concen: 96.24 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
180	100	668471		
182	95.2	76.6	115.0	
145	26.6	21.5	32.3	

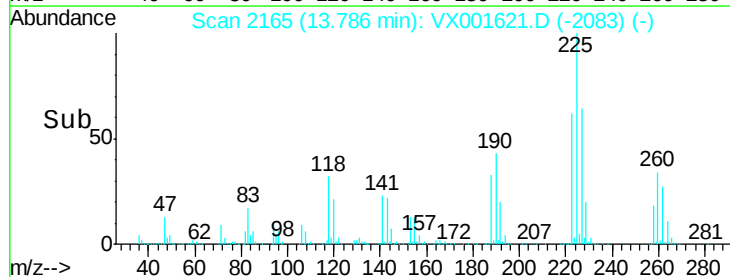
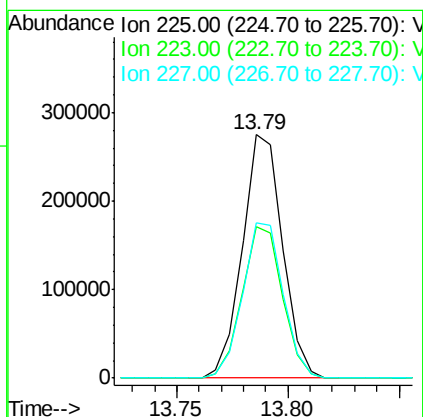
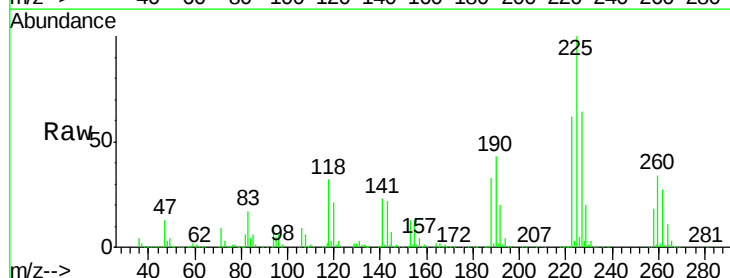
Manual Integrations
 APPROVED

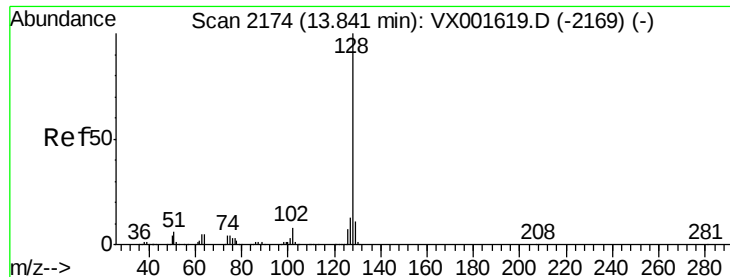
apatel
 5/14/2018 3:57:36 PM



#90
 Hexachlorobutadiene
 Concen: 104.03 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001621.D
 Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	346730		
223	62.6	0.0	120.2	
227	64.6	0.0	126.6	





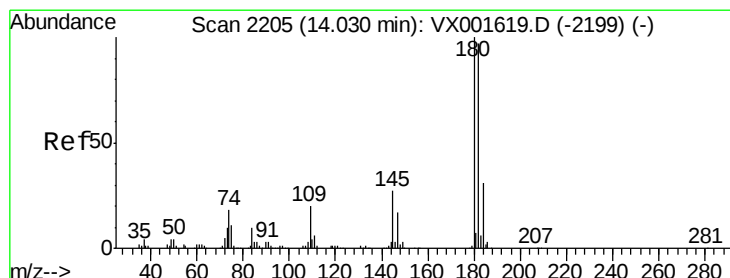
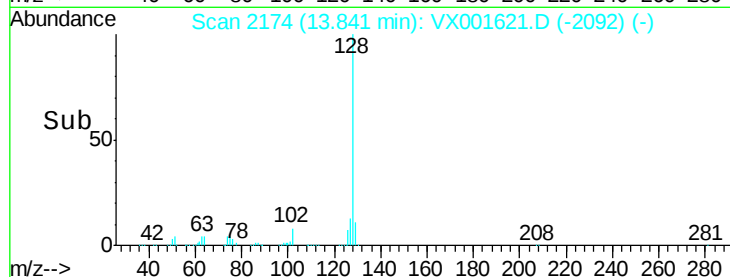
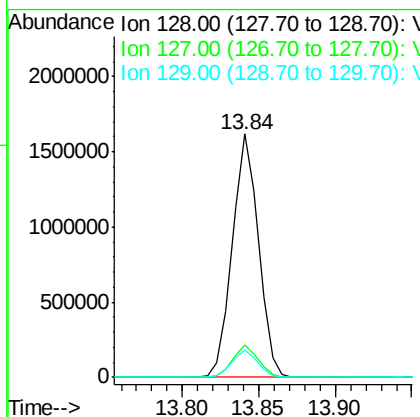
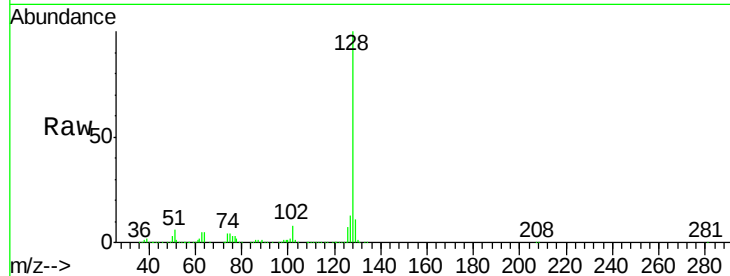
#91
Naphthalene
Concen: 103.45 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:36 PM



#92
1,2,3-Trichlorobenzene
Concen: 97.21 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX001621.D
Acq: 11 May 2018 00:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	0.0	192.2
145	28.2	0.0	56.0

