

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001626.D
 Acq On : 11 May 2018 03:02
 Operator : JC/MD
 Sample : VX0510WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0510WBSD01

Manual Integrations
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Quant Time: May 11 07:36:38 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 11 07:16:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	55695	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	280553	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	251917	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	122349	30.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.37%
60) 4-Bromofluorobenzene	11.15	95	118445	29.71	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.03%
63) Toluene-d8	8.72	98	340747	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	53478	19.70	ug/l	99
3) Chloromethane	1.32	50	64701	21.53	ug/l	99
4) Vinyl Chloride	1.40	62	66803	21.29	ug/l	100
5) Bromomethane	1.64	94	45330	29.23	ug/l	98
6) Chloroethane	1.73	64	43852	20.99	ug/l	94
7) Trichlorofluoromethane	1.93	101	91205	20.23	ug/l	99
8) Diethyl Ether	2.19	74	41732	21.35	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46566	18.59	ug/l	98
10) 1,1-Dichloroethene	2.37	96	52739	20.46	ug/l	99
11) Methyl Iodide	2.51	142	69501	18.56	ug/l	98
12) Methyl Acetate	2.78	43	93076	21.24	ug/l	100
13) Acrolein	2.30	56	48713	98.02	ug/l	99
14) Acrylonitrile	3.15	53	187864	107.30	ug/l	99
15) Acetone	2.45	58	51629	109.76	ug/l	98
16) Carbon Disulfide	2.57	76	128236	20.08	ug/l	98
17) Allyl chloride	2.73	41	101630	20.67	ug/l	99
18) Methylene Chloride	2.86	84	64538	21.21	ug/l	94
19) trans-1,2-Dichloroethene	3.17	96	57861	20.68	ug/l	98
20) Diisopropyl ether	3.88	45	196373	21.38	ug/l	99
21) 1,1-Dichloroethane	3.70	63	110345	20.89	ug/l	99
22) cis-1,2-Dichloroethene	4.60	96	66206	20.99	ug/l	100
23) tert-Butyl Alcohol	3.08	59	84313	108.24	ug/l	# 100
24) Methyl tert-Butyl Ether	3.21	73	199841	21.34	ug/l	100
25) Chloroform	5.22	83	113646	20.88	ug/l	94
26) Cyclohexane	5.58	56	69217	17.96	ug/l	# 99
29) 1,1-Dichloropropene	5.81	75	70816	20.09	ug/l	99
30) 2-Butanone	4.71	43	256188	110.15	ug/l	100
31) 2,2-Dichloropropane	4.59	77	55549	18.33	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	94114	20.99	ug/l	98
33) Carbon Tetrachloride	5.79	117	78821	19.96	ug/l	98
34) Benzene	6.15	78	243841	21.64	ug/l	99
35) Methacrylonitrile	5.07	41	54635	21.66	ug/l	93
36) 1,2-Dichloroethane	6.20	62	98327	22.06	ug/l	99
37) Trichloroethene	7.22	130	69307	20.87	ug/l	99
38) Methylcyclohexane	7.46	83	65532	17.39	ug/l	99
39) 1,2-Dichloropropane	7.52	63	60930	21.57	ug/l	99
40) Dibromomethane	7.67	93	44098	21.78	ug/l	100

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Quant Time: May 11 07:36:38 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X051118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	80659	21.18	ug/l	98
42) Vinyl Acetate	3.83	43	831859	108.44	ug/l	99
43) Ethyl Acetate	4.87	43	97600	22.01	ug/l	97
44) Isopropyl Acetate	6.48	43	145852	21.49	ug/l	100
45) 1,4-Dioxane	7.76	88	35155	441.67	ug/l	98
46) Methyl methacrylate	7.79	41	79025	21.56	ug/l	95
47) n-amyl Acetate	10.91	43	118947	20.52	ug/l	99
48) t-1,3-Dichloropropene	8.44	75	86625	20.61	ug/l	94
49) cis-1,3-Dichloropropene	9.05	75	75720	20.38	ug/l	96
50) 1,1,2-Trichloroethane	9.22	97	65674	21.91	ug/l	98
51) Ethyl methacrylate	9.19	69	92039	21.30	ug/l	99
52) 1,3-Dichloropropane	9.38	76	106329	21.53	ug/l	99
53) Dibromochloromethane	9.59	129	63917	20.53	ug/l	99
54) 1,2-Dibromoethane	9.68	107	67299	21.28	ug/l	99
55) 2-Chloroethyl vinyl ether	8.32	63	249498	108.58	ug/l	99
56) Bromoform	10.87	173	51045	20.05	ug/l	98
58) 4-Methyl-2-Pentanone	8.66	43	503474	111.11	ug/l	100
59) 2-Hexanone	9.51	43	373257	109.95	ug/l	100
61) Tetrachloroethene	9.34	164	73846	20.15	ug/l	98
62) Toluene	8.79	91	258431	21.33	ug/l	99
64) Chlorobenzene	10.15	112	167360	21.02	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.23	131	63825	21.21	ug/l	100
66) Ethyl Benzene	10.26	91	258523	20.56	ug/l	98
67) m/p-Xylenes	10.37	106	203243	40.47	ug/l	99
68) o-Xylene	10.71	106	102199	20.57	ug/l	99
69) Styrene	10.72	104	169997	20.74	ug/l	99
70) Isopropylbenzene	11.02	105	253387	19.80	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	91693	21.36	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	89070m	21.41	ug/l	
73) Bromobenzene	11.26	156	81053	20.90	ug/l	99
74) n-propylbenzene	11.37	91	273656	19.42	ug/l	100
75) 2-Chlorotoluene	11.43	91	180233	20.40	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	213968	19.86	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	19647	18.37	ug/l	98
78) 4-Chlorotoluene	11.52	91	203251	20.23	ug/l	100
79) tert-butylbenzene	12.07	119	218021	19.13	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	222051	20.19	ug/l	100
81) sec-Butylbenzene	11.95	105	232260	18.62	ug/l	100
82) p-Isopropyltoluene	12.07	119	218021	19.13	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	135477	20.03	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	137962	20.29	ug/l	99
85) n-Butylbenzene	12.40	91	161064	17.77	ug/l	99
86) Hexachloroethane	12.60	117	32853	18.17	ug/l	97
87) 1,2-Dichlorobenzene	12.40	146	144716	20.64	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	20800	20.80	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	98379	19.75	ug/l	99
90) Hexachlorobutadiene	13.79	225	45380	17.80	ug/l	97
91) Naphthalene	13.84	128	314233	21.06	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	108058	20.51	ug/l	99

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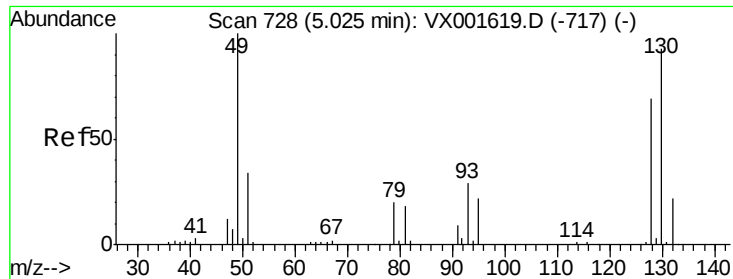
Manual Integrations
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Quant Time: May 11 07:36:38 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = 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: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

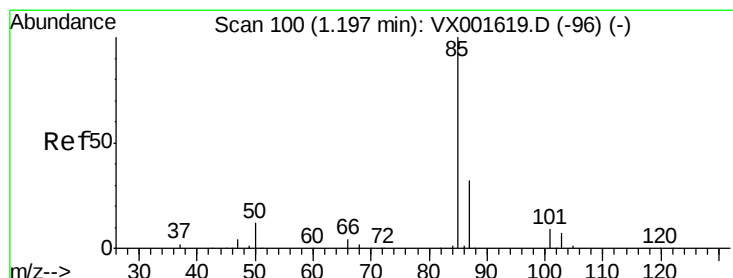
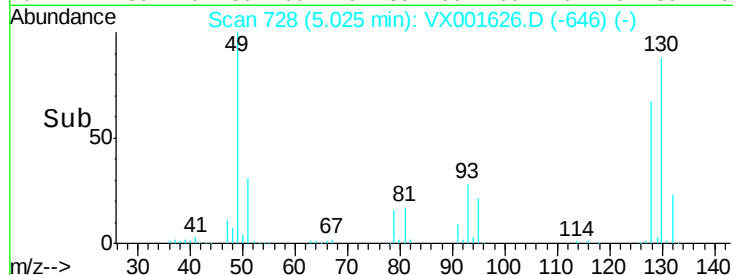
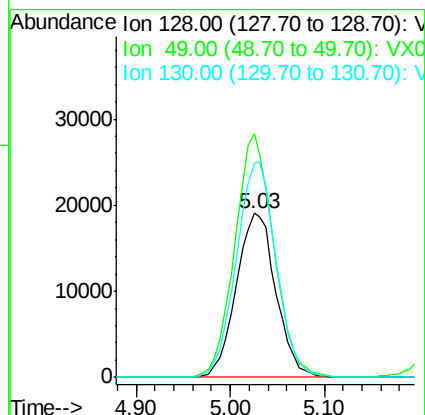
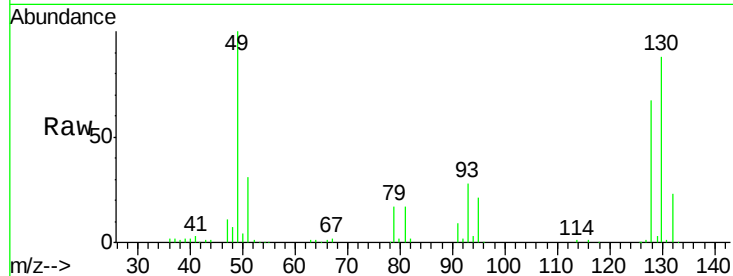
ClientSampleId :

VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
49	146.6	0.0	372.0
130	132.8	0.0	326.5

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#2

Dichlorodifluoromethane

Concen: 19.70 ug/l

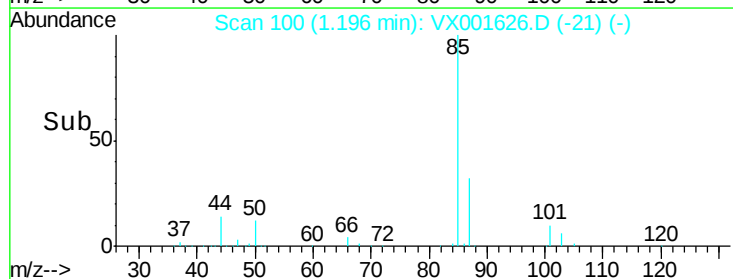
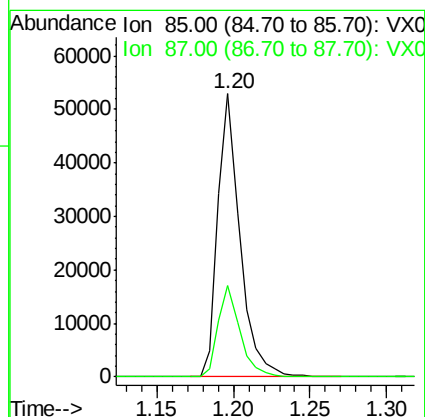
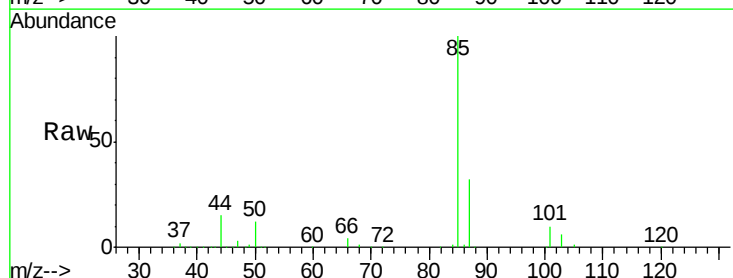
RT: 1.20 min Scan# 100

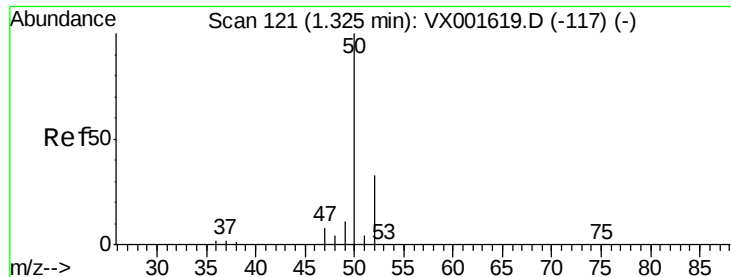
Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.3	48.8





#3

Chloromethane

Concen: 21.53 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 50 Resp: 64701

Ion Ratio Lower Upper

50 100

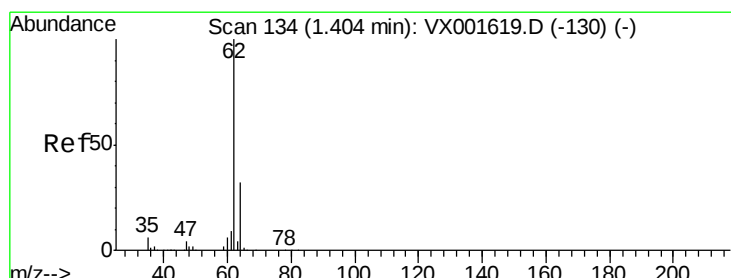
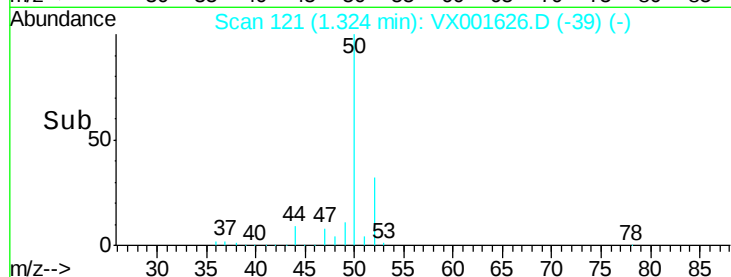
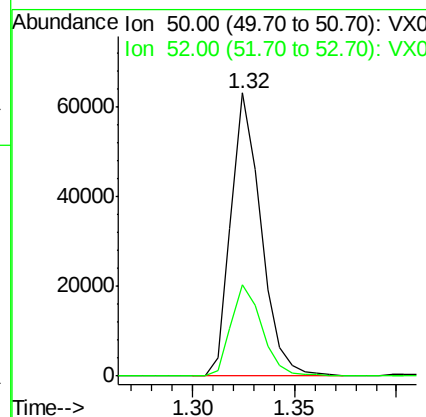
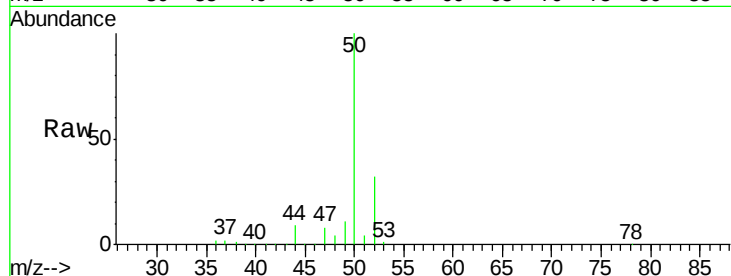
52 32.3 26.4 39.6

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#4

Vinyl Chloride

Concen: 21.29 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001626.D

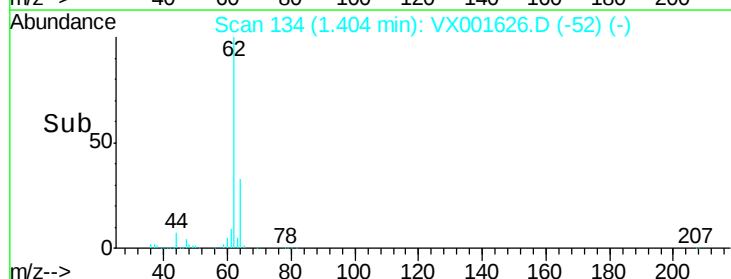
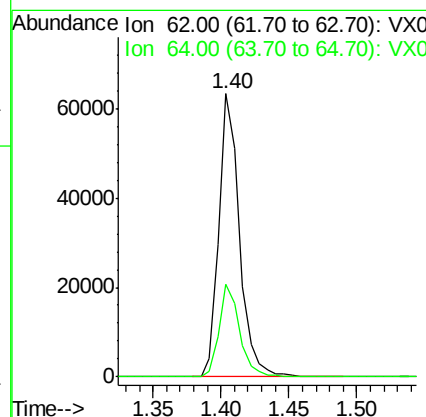
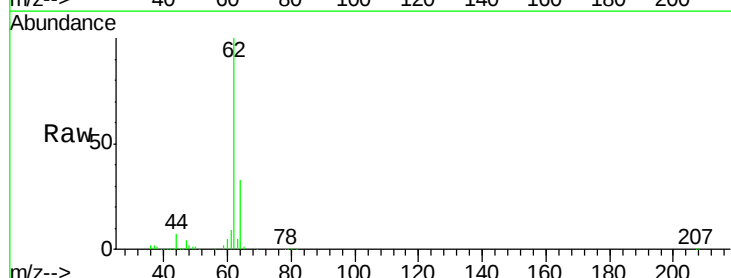
Acq: 11 May 2018 03:02

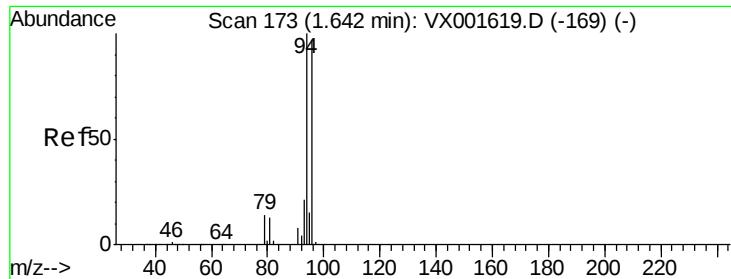
Tgt Ion: 62 Resp: 66803

Ion Ratio Lower Upper

62 100

64 32.6 25.9 38.9





#5

Bromomethane

Concen: 29.23 ug/l

RT: 1.64 min Scan# 173

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 94 Resp: 45330

Ion Ratio Lower Upper

94 100

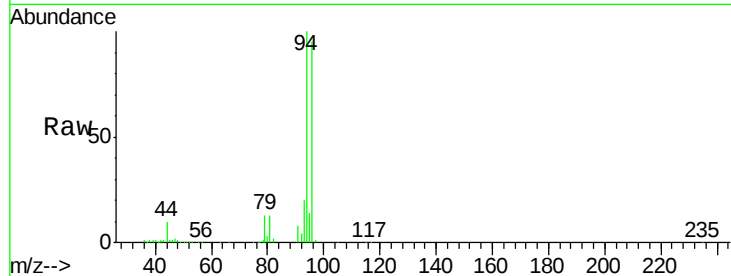
96 95.2 77.8 116.8

Manual Integrations

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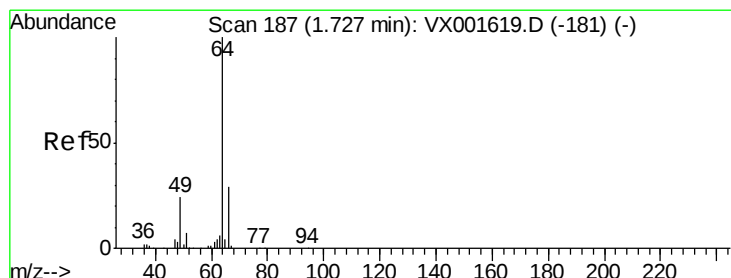
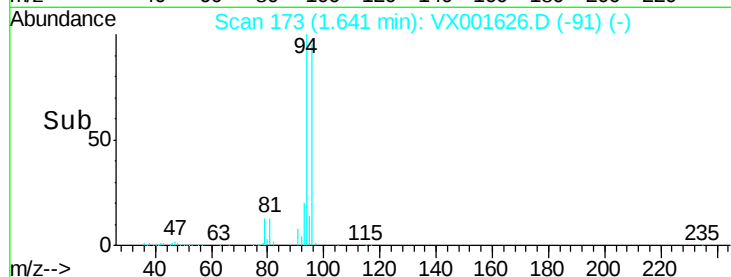
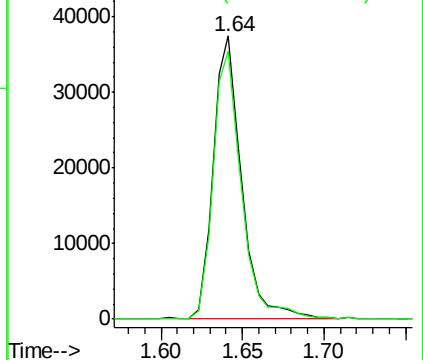
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 20.99 ug/l

RT: 1.73 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX001626.D

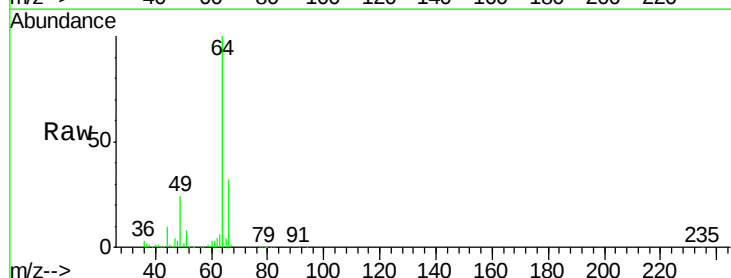
Acq: 11 May 2018 03:02

Tgt Ion: 64 Resp: 43852

Ion Ratio Lower Upper

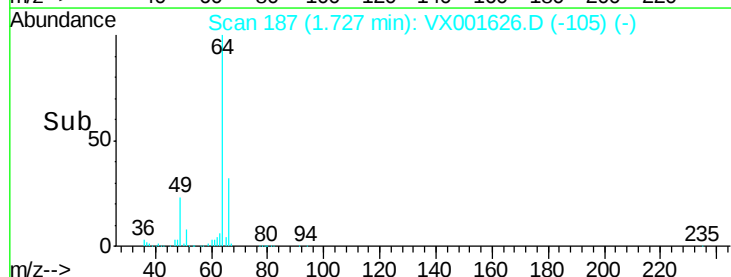
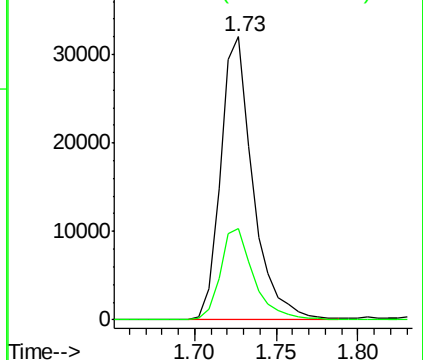
64 100

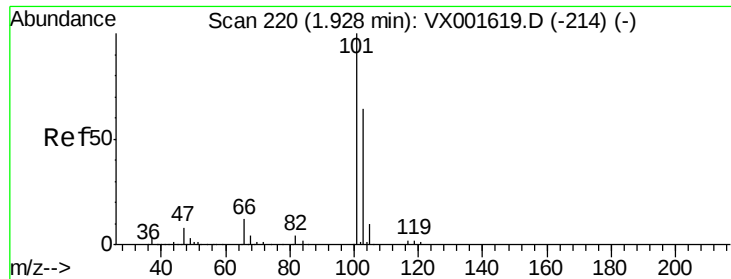
66 32.3 23.4 35.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

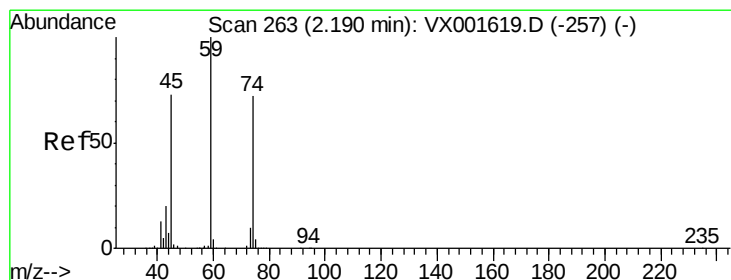
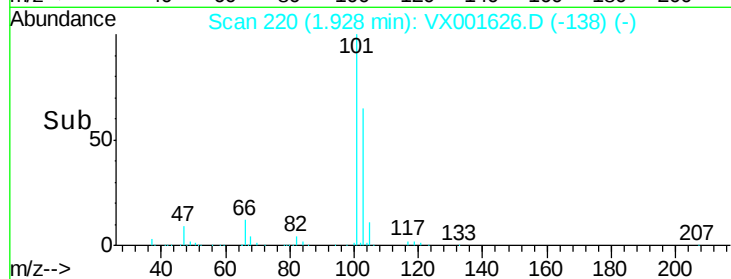
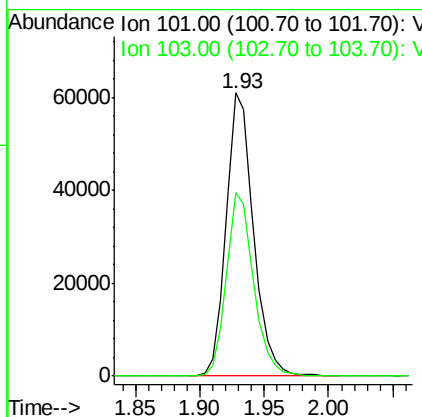
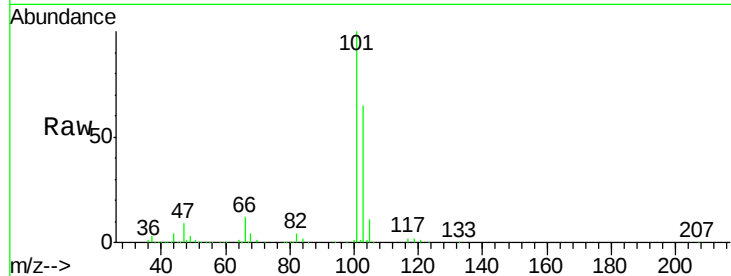
Trichlorofluoromethane
 Concen: 20.23 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

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 VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.4	77.0

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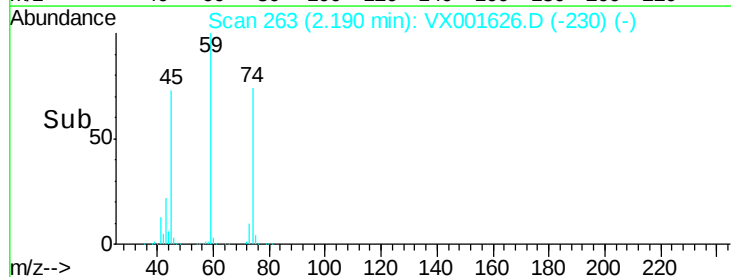
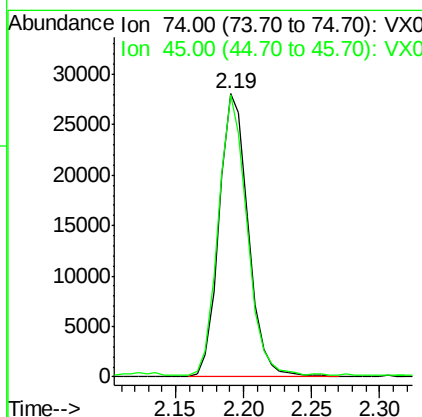
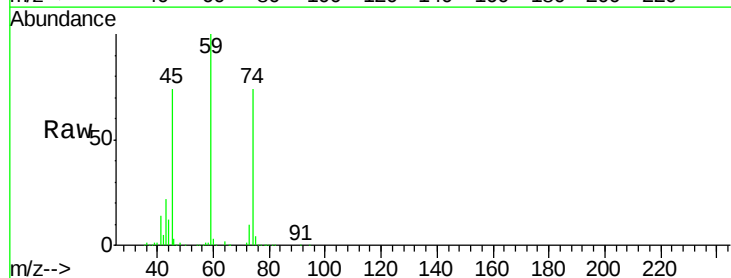
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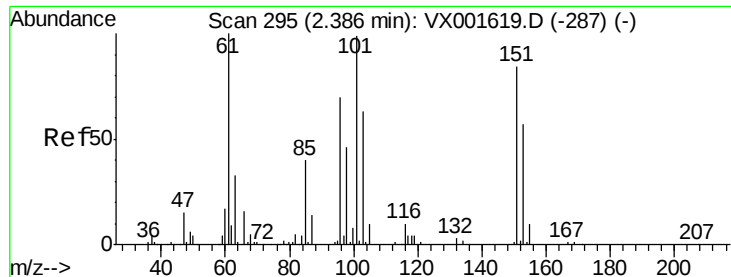


#8

Diethyl Ether
 Concen: 21.35 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.3	19.4	174.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.59 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

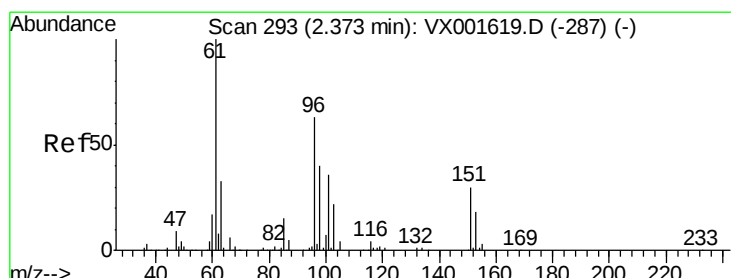
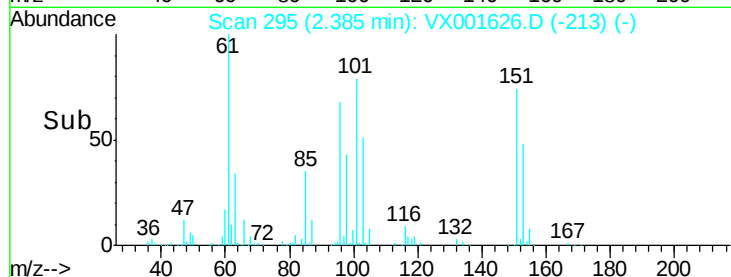
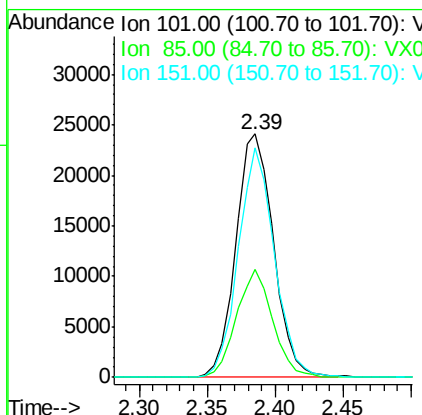
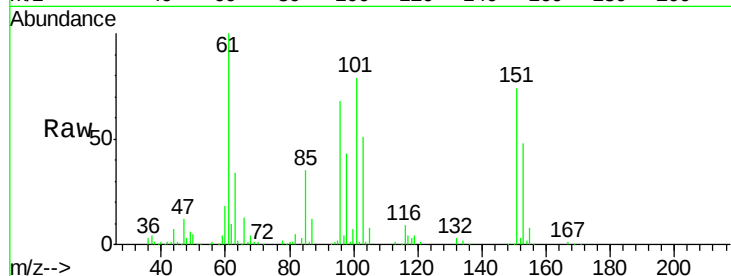
ClientSampleId :

VX0510WBSD01

Tot Ion:	101	Resp:	46566
Ion Ratio	Lower	Upper	
101	100		
85	42.7	0.0	84.0
151	90.7	0.0	176.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 20.46 ug/l

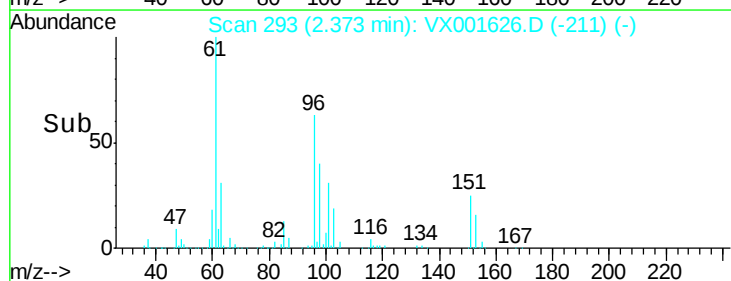
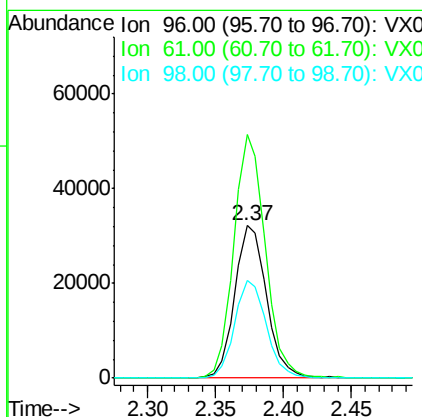
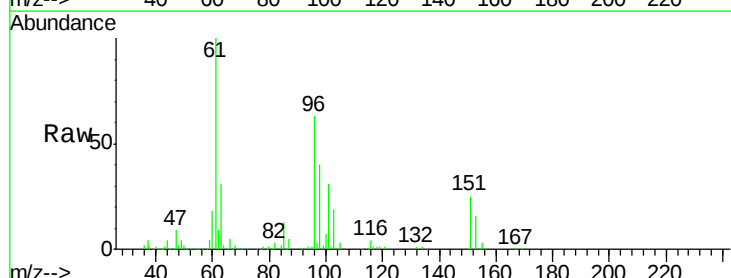
RT: 2.37 min Scan# 293

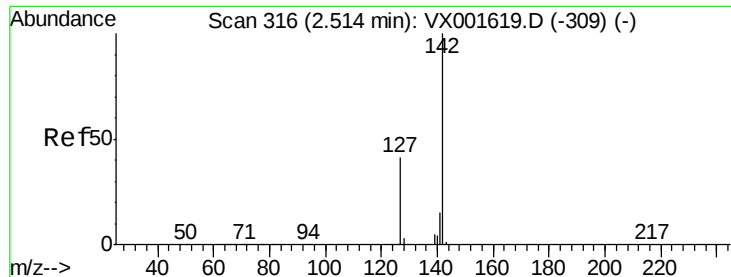
Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Tgt Ion:	96	Resp:	52739
Ion Ratio	Lower	Upper	
96	100		
61	159.6	126.5	189.7
98	64.1	50.6	75.8





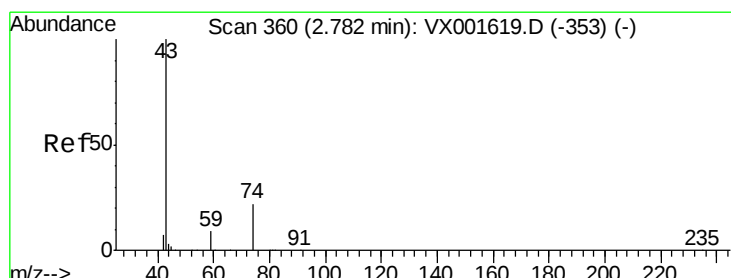
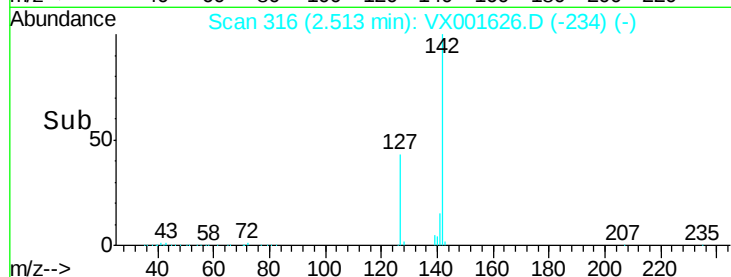
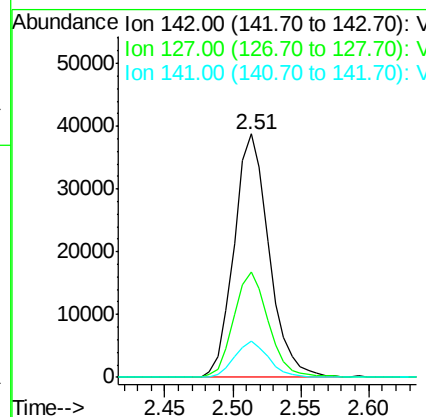
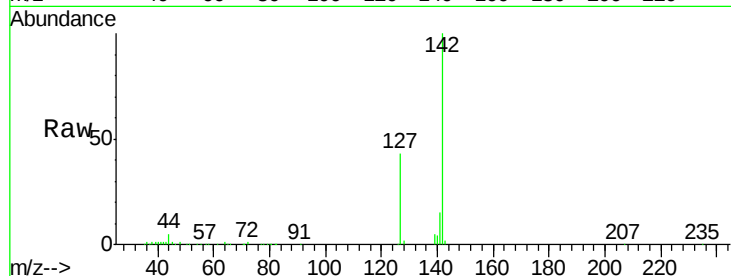
#11
Methvl Iodide
Concen: 18.56 ug/l
RT: 2.51 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.2	20.7	62.1
141	15.2	7.4	22.3

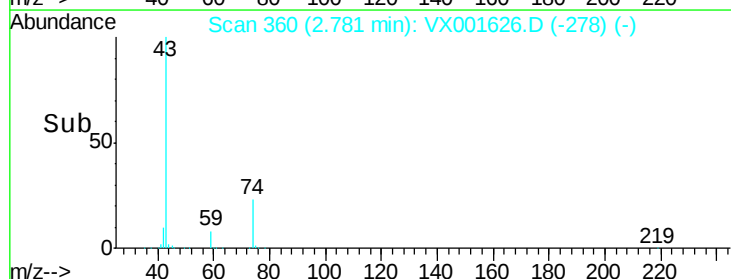
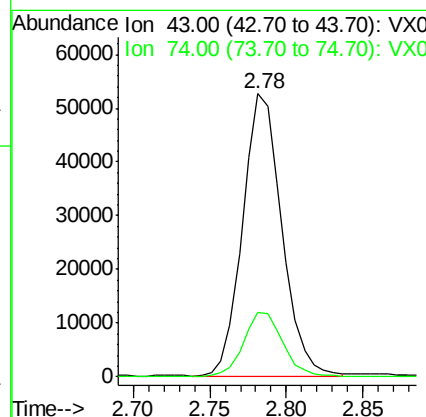
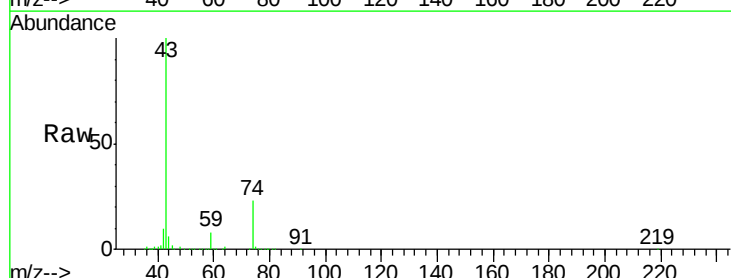
Manual Integrations
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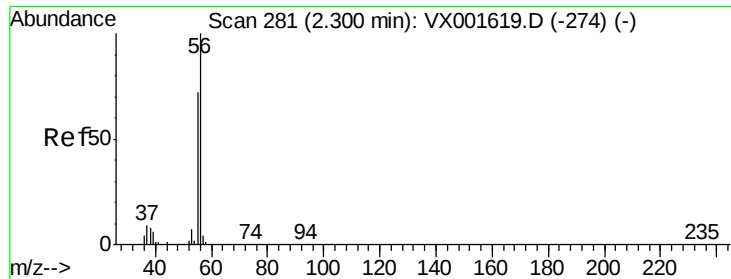
apatel
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#12
Methyl Acetate
Concen: 21.24 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.0	27.0





#13

Acrolein

Concen: 98.02 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

ClientSampled :

VX0510WBSD01

Tot Ion: 56 Resp: 48713

Ion Ratio Lower Upper

56 100

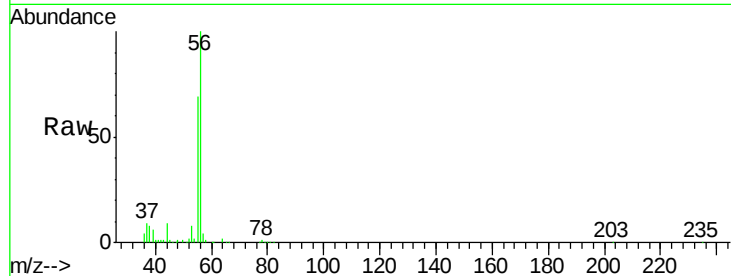
55 71.7 56.9 85.3

Manual Integrations

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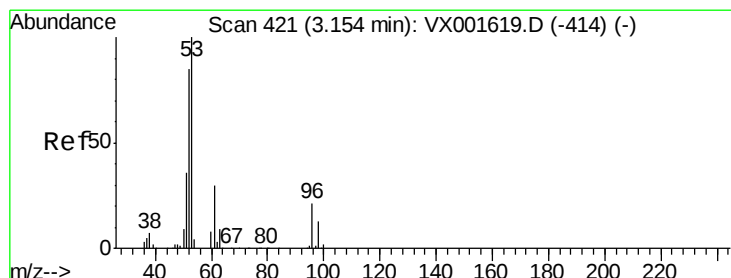
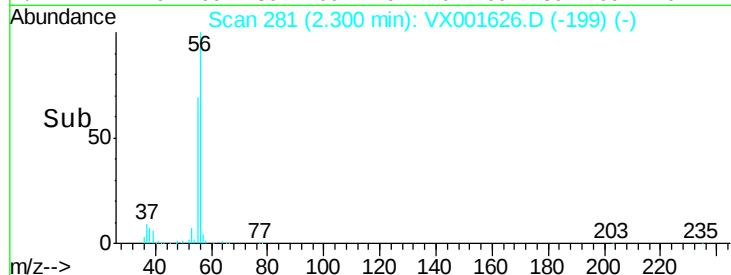
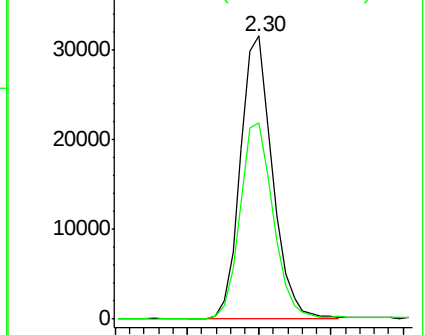
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 107.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

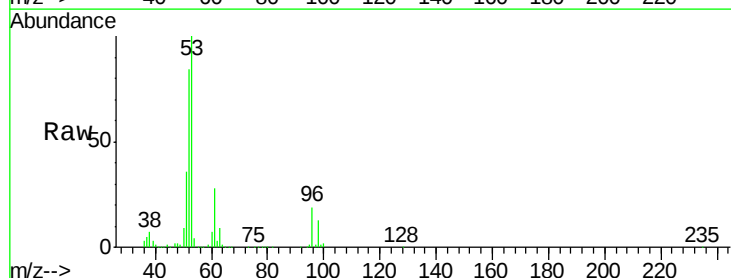
Tgt Ion: 53 Resp: 187864

Ion Ratio Lower Upper

53 100

52 82.3 41.3 123.9

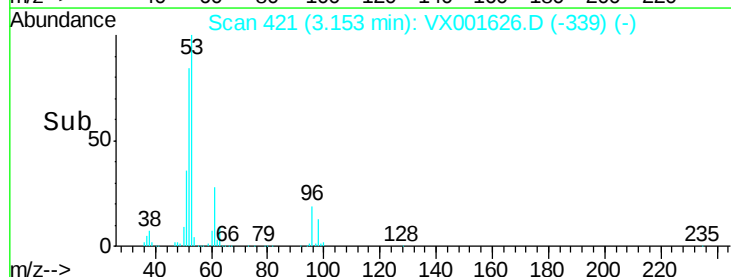
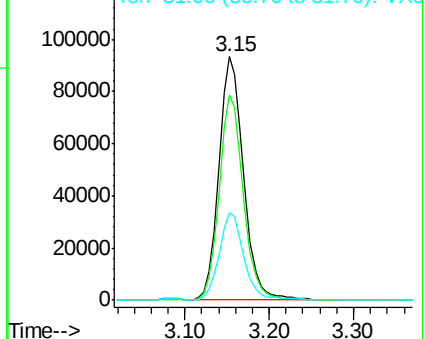
51 34.3 18.1 54.3

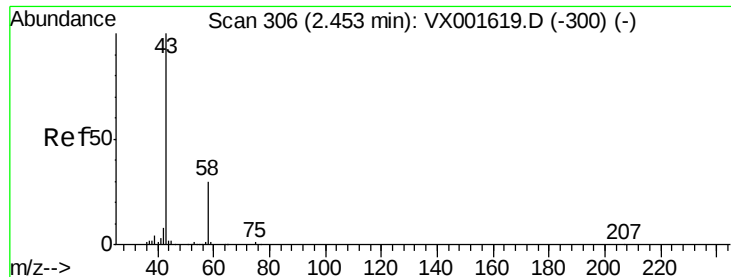


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 109.76 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 58 Resp: 51629

Ion Ratio Lower Upper

58 100

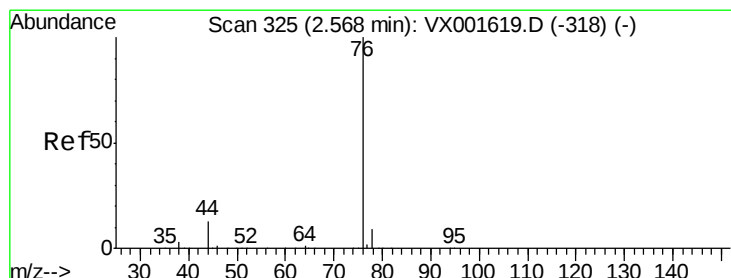
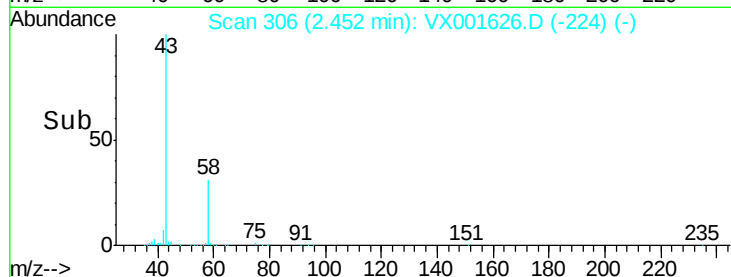
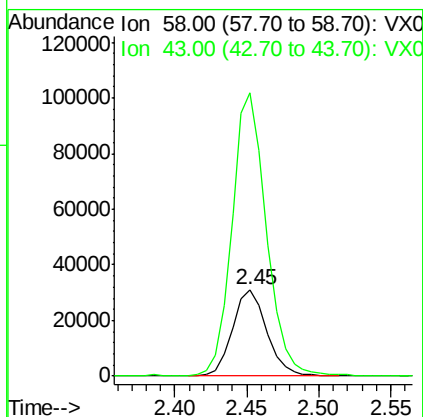
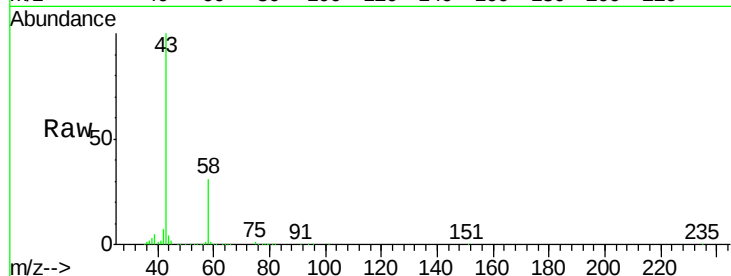
43 327.0 264.2 396.2

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#16

Carbon Disulfide

Concen: 20.08 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.00 min

Lab File: VX001626.D

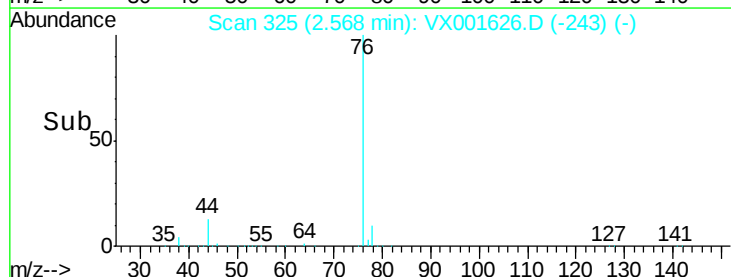
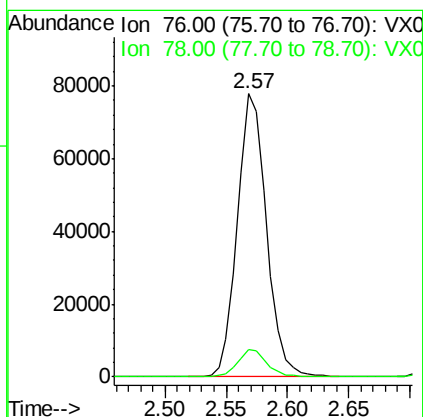
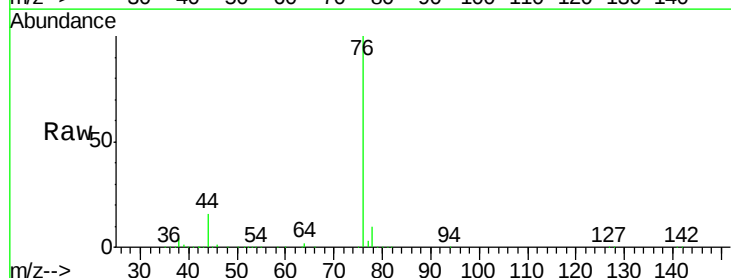
Acq: 11 May 2018 03:02

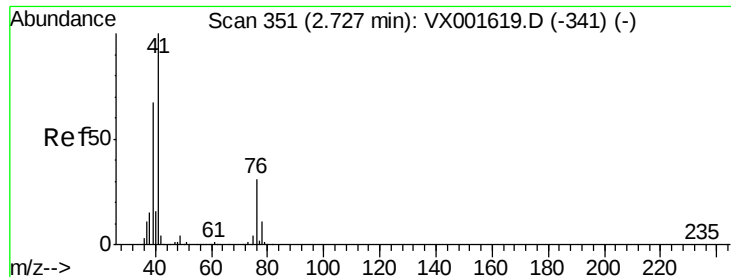
Tgt Ion: 76 Resp: 128236

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9





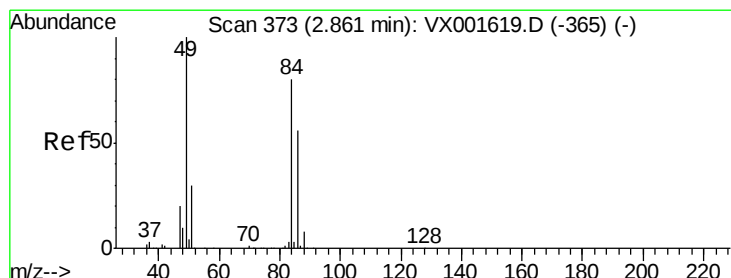
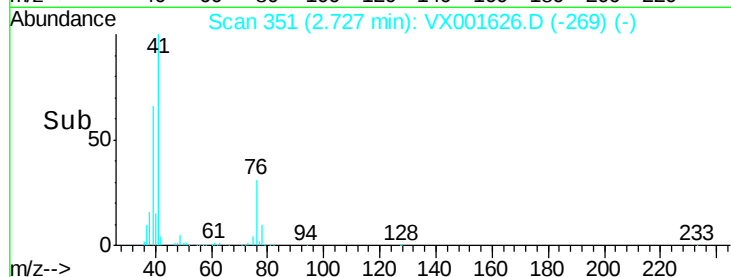
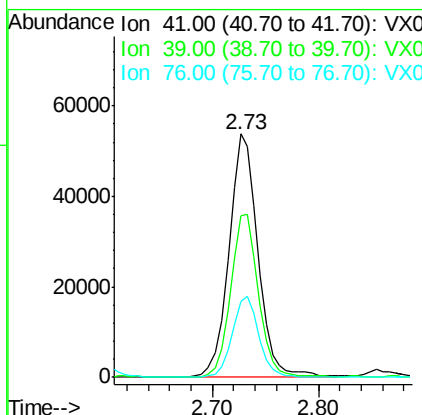
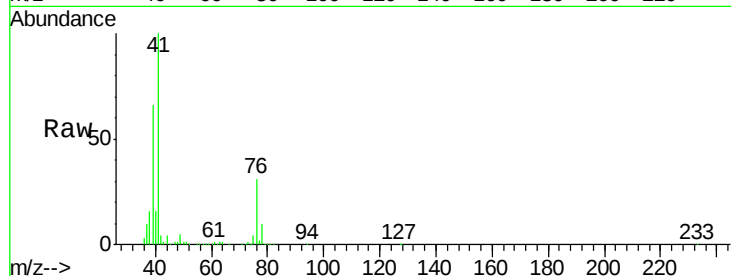
#17
Allvl chloride
Concen: 20.67 ug/l
RT: 2.73 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.4	33.7	101.1
76	31.0	15.4	46.4

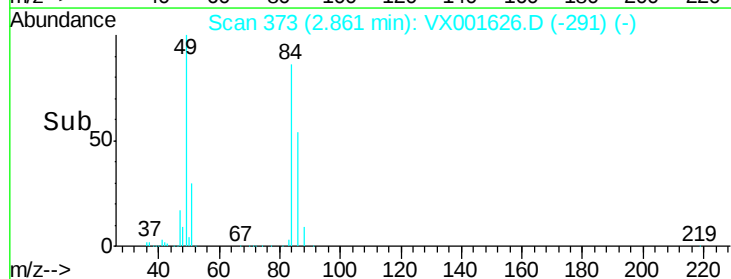
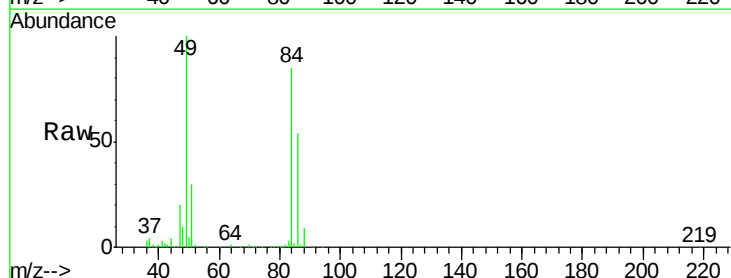
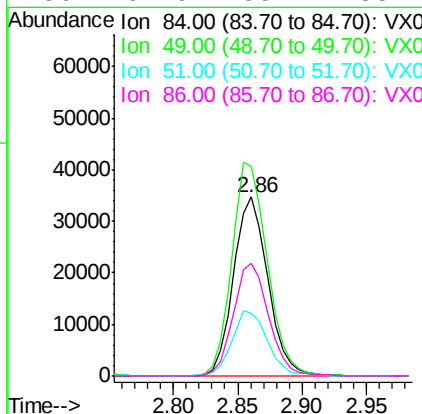
Manual Integrations
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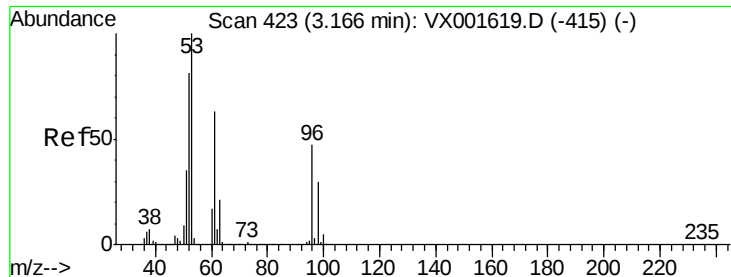
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#18
Methylene Chloride
Concen: 21.21 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.5	99.5	149.3
51	34.9	30.1	45.1
86	62.9	55.4	83.2





#19

trans-1,2-Dichloroethene

Concen: 20.68 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

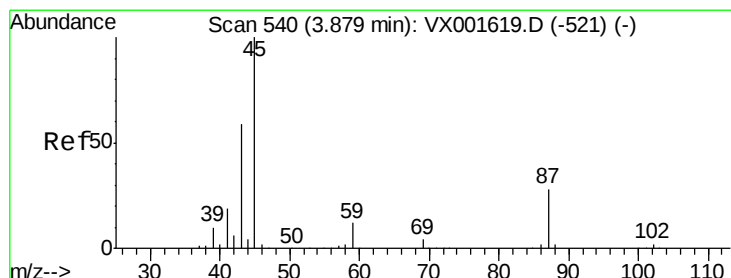
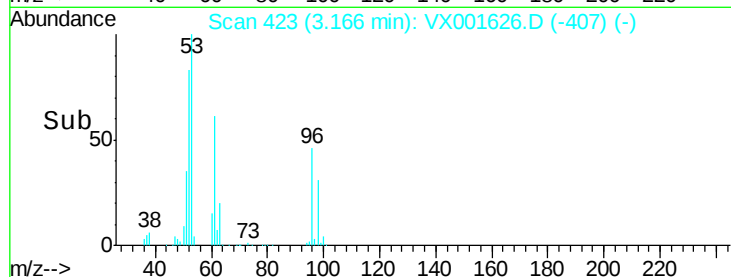
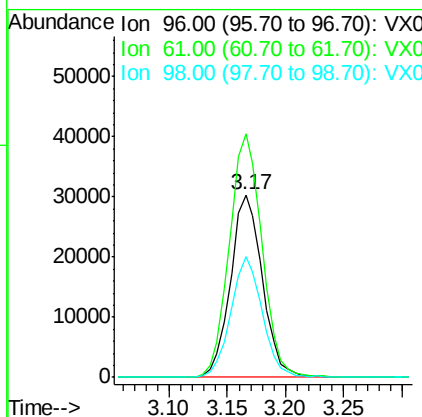
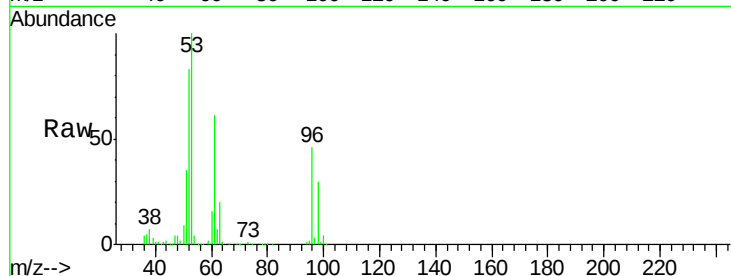
ClientSampleId :

VX0510WBSD01

Tot Ion:	96	Resp:	57861
Ion	Ratio	Lower	Upper
96	100		
61	133.4	107.7	161.5
98	66.5	51.6	77.4

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#20

Diisopropyl ether

Concen: 21.38 ug/l

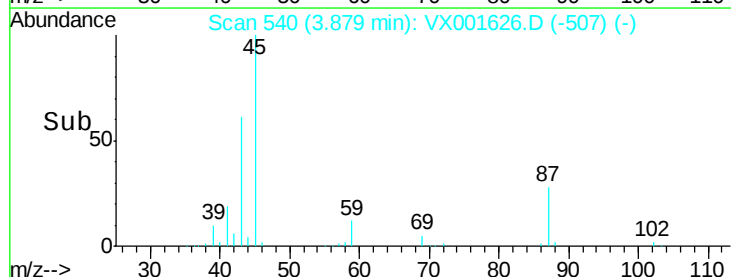
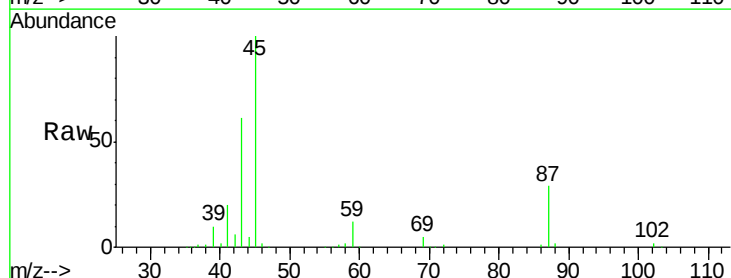
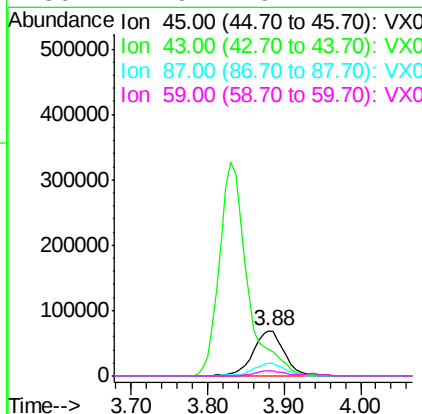
RT: 3.88 min Scan# 540

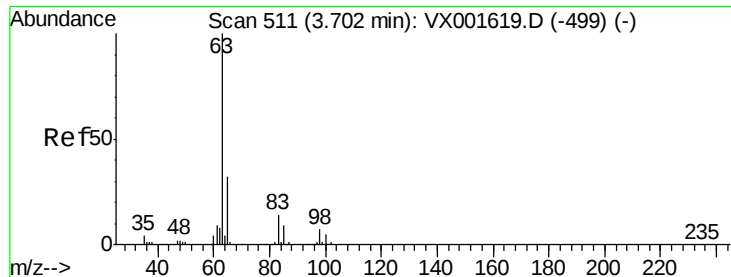
Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Tgt Ion:	45	Resp:	196373
Ion	Ratio	Lower	Upper
45	100		
43	60.4	47.5	71.3
87	28.8	22.2	33.4
59	11.9	9.4	14.2





#21

1,1-Dichloroethane

Concen: 20.89 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

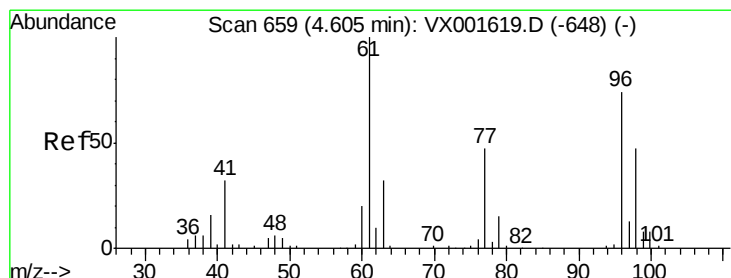
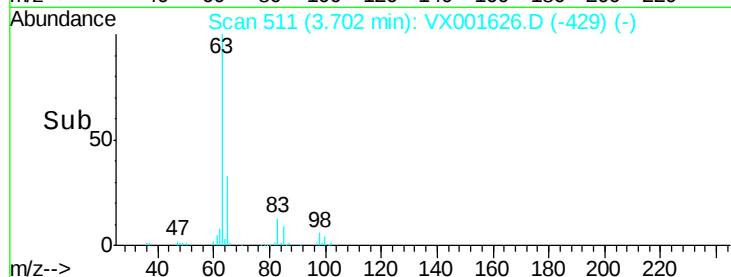
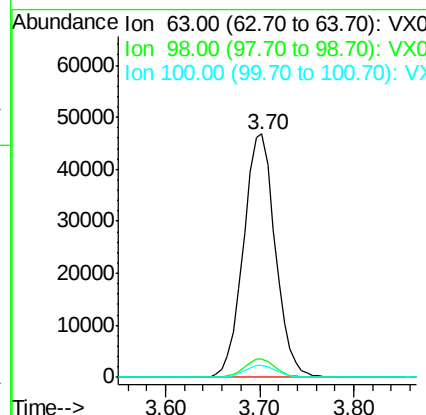
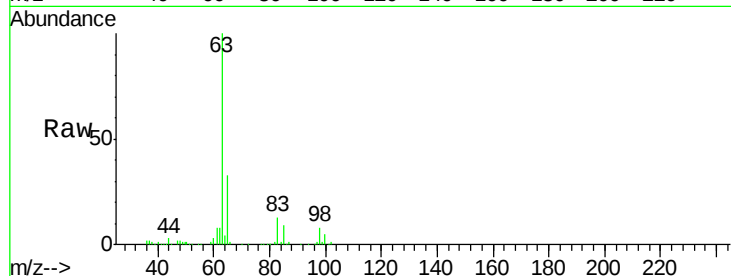
ClientSampleId :

VX0510WBSD01

Tot Ion:	63	Resp:	110345
Ion Ratio	Lower	Upper	
63	100		
98	7.8	3.5	10.5
100	4.8	2.5	7.4

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#22

cis-1,2-Dichloroethene

Concen: 20.99 ug/l

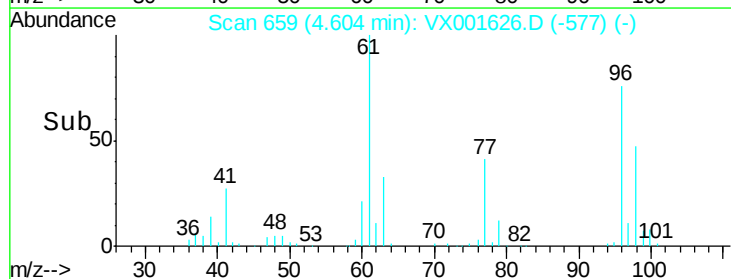
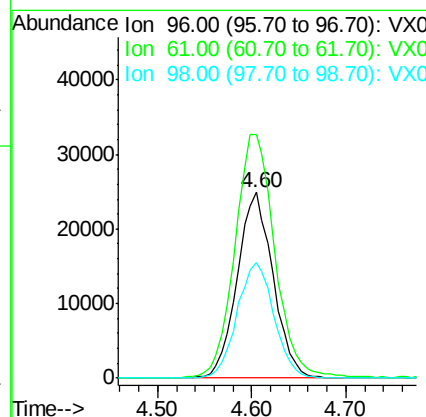
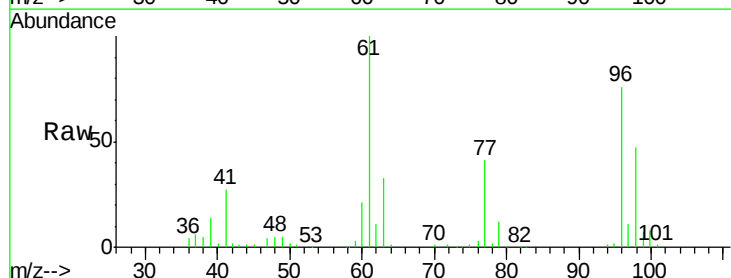
RT: 4.60 min Scan# 659

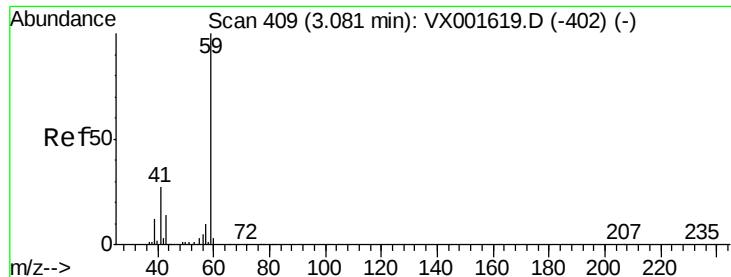
Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Tgt Ion:	96	Resp:	66206
Ion Ratio	Lower	Upper	
96	100		
61	146.7	117.3	175.9
98	64.0	51.2	76.8





#23

tert-Butyl Alcohol

Concen: 108.24 ug/l

RT: 3.08 min Scan# 409

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 59 Resp: 84313

Ion Ratio Lower Upper

59 100

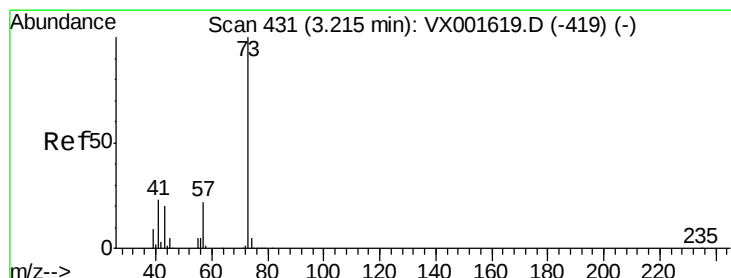
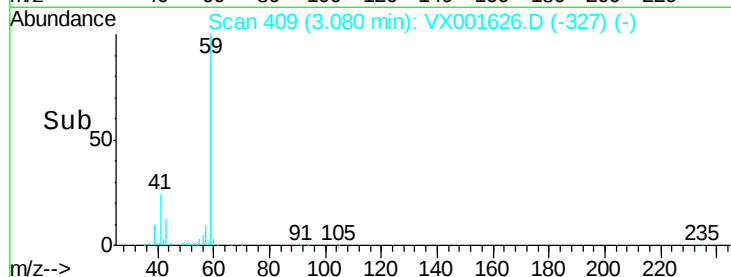
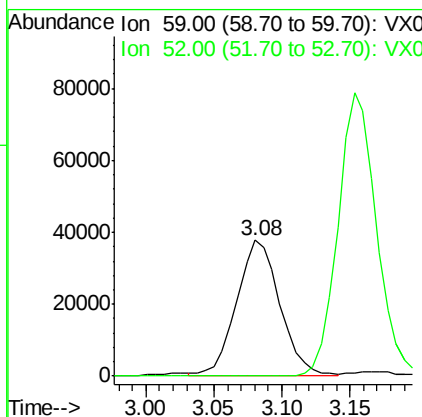
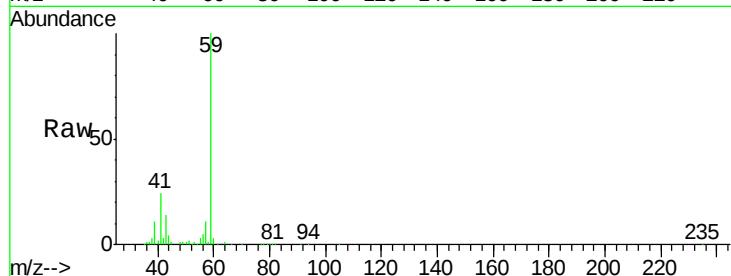
52 0.5 0.2 0.2#

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#24

Methyl tert-Butyl Ether

Concen: 21.34 ug/l

RT: 3.21 min Scan# 431

Delta R.T. -0.00 min

Lab File: VX001626.D

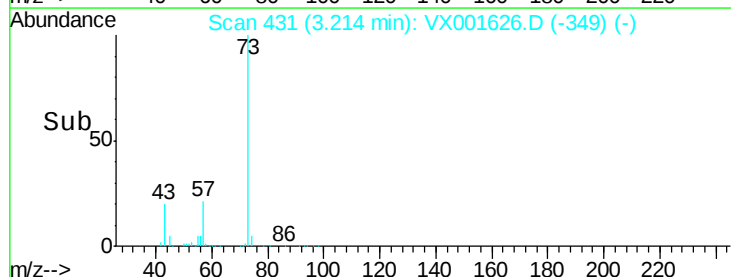
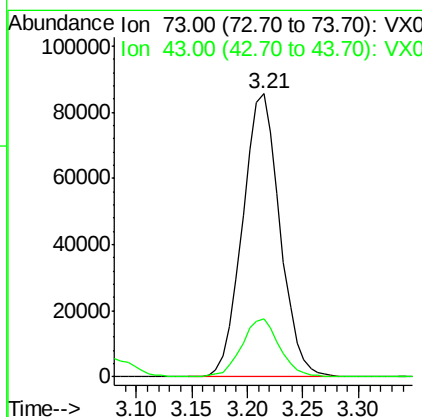
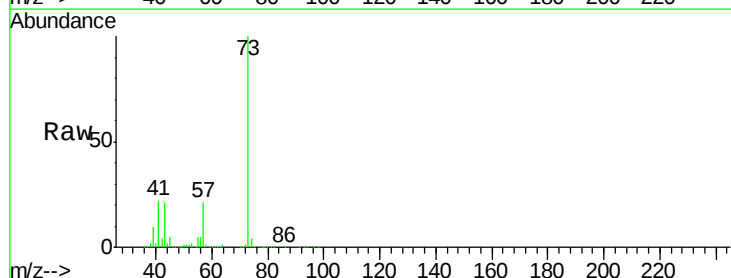
Acq: 11 May 2018 03:02

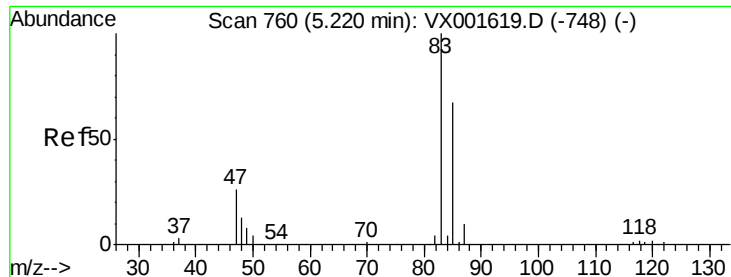
Tgt Ion: 73 Resp: 199841

Ion Ratio Lower Upper

73 100

43 20.3 16.3 24.5





#25

Chloroform

Concen: 20.88 ug/l

RT: 5.22 min Scan# 760

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 83 Resp: 113646

Ion Ratio Lower Upper

83 100

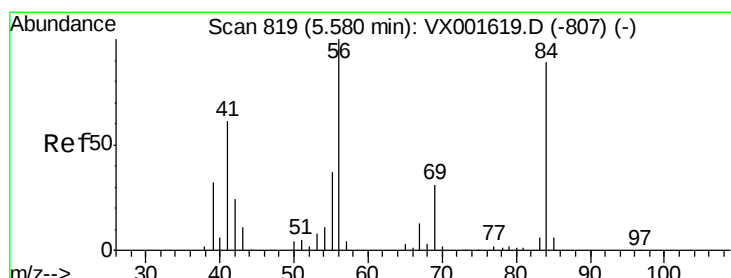
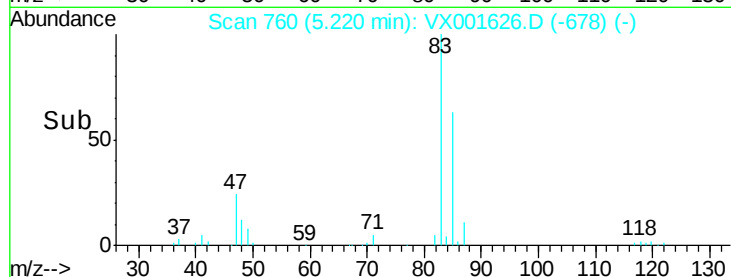
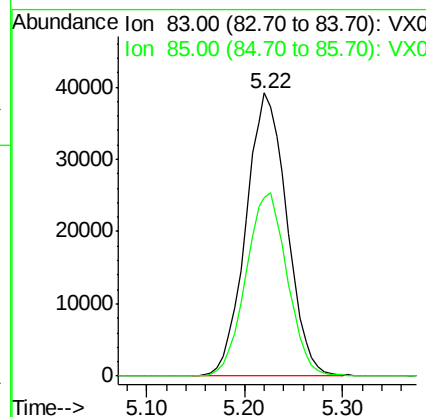
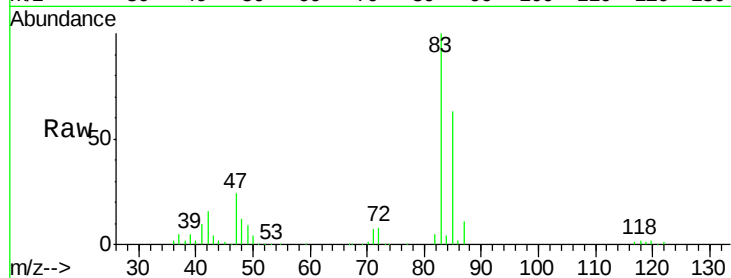
85 62.9 53.9 80.9

Manual Integrations

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#26

Cyclohexane

Concen: 17.96 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

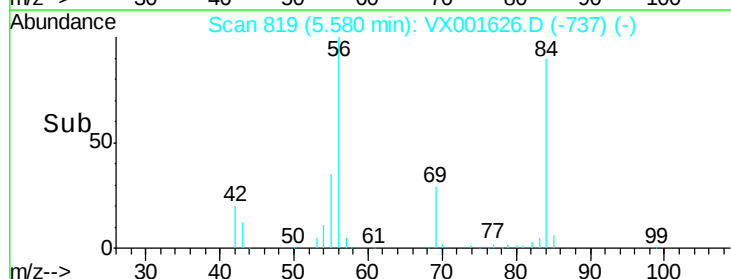
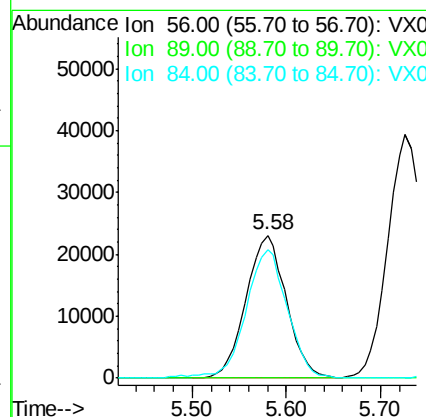
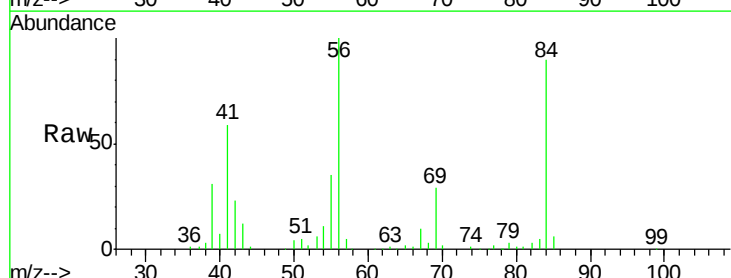
Tgt Ion: 56 Resp: 69217

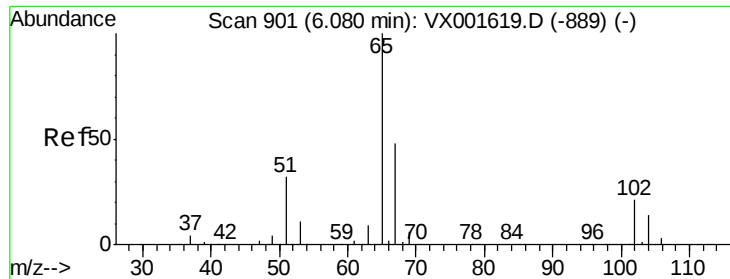
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.3 72.2 108.4





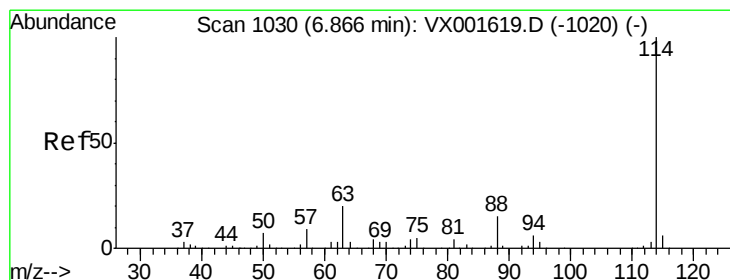
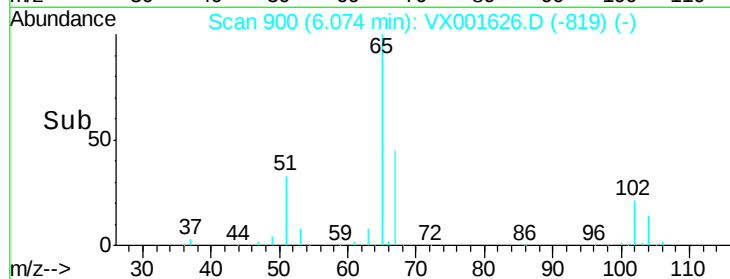
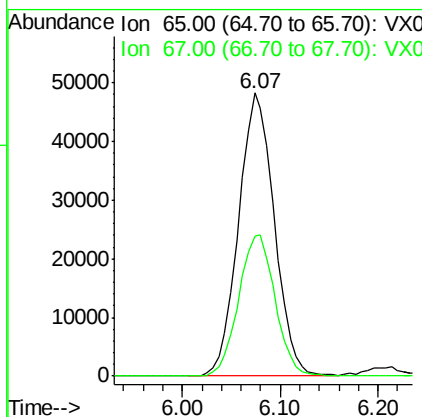
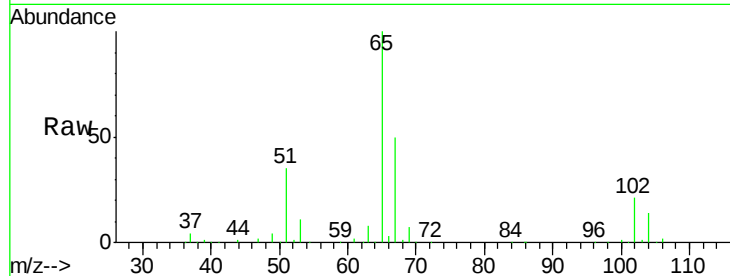
#27
 1,2-Dichloroethane-d4
 Concen: 30.11 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.8	40.2	60.2

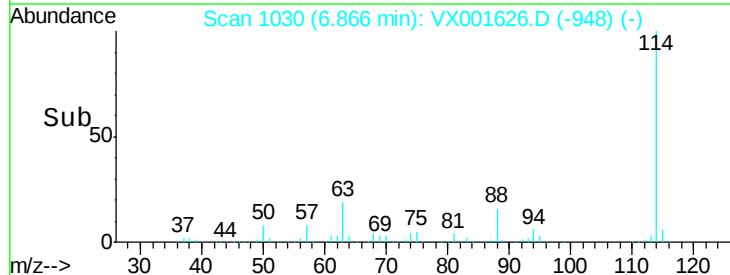
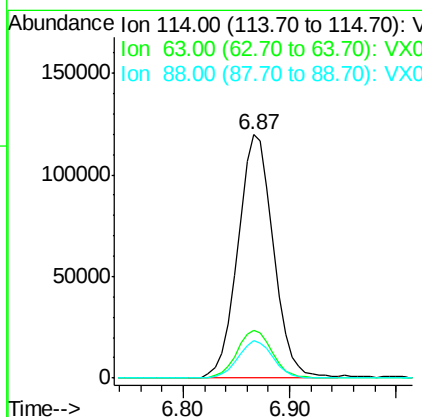
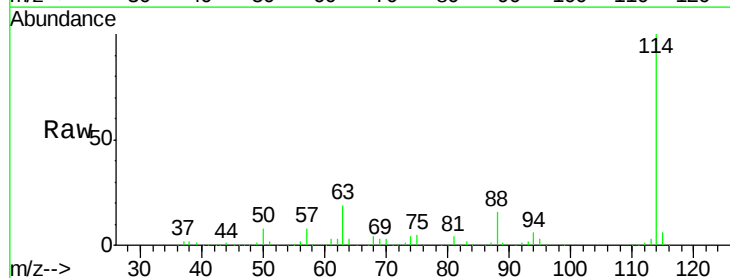
Manual Integrations
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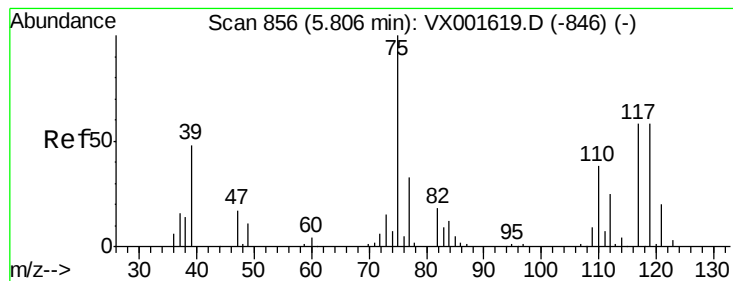
apatel
 5/14/2018 3:57:50 PM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	15.5	23.3
88	15.2	12.2	18.4





#29

1,1-Dichloropropene

Concen: 20.09 ug/l

RT: 5.81 min Scan# 856

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

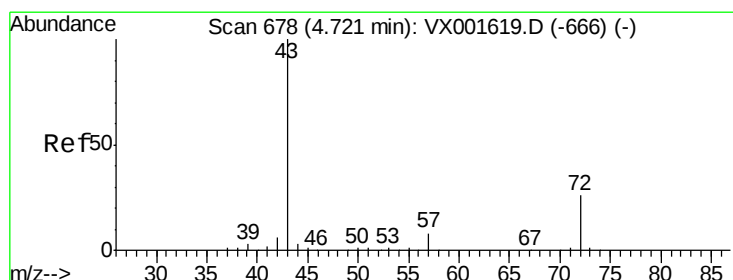
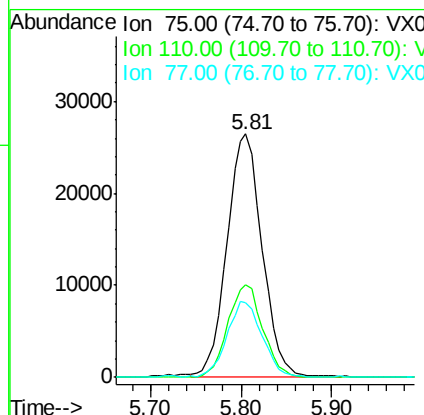
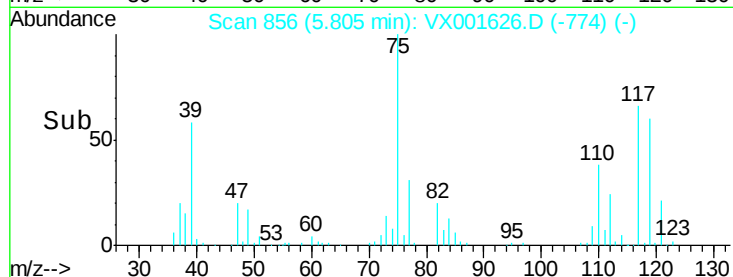
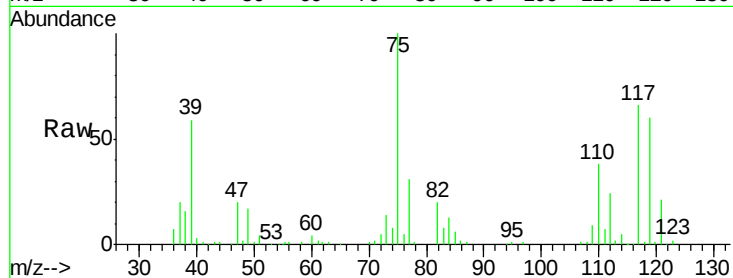
ClientSampled :

VX0510WBSD01

Tot Ion:	75	Resp:	70816
Ion Ratio	Lower	Upper	
75	100		
110	37.8	0.0	74.6
77	31.4	0.0	62.4

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#30

2-Butanone

Concen: 110.15 ug/l

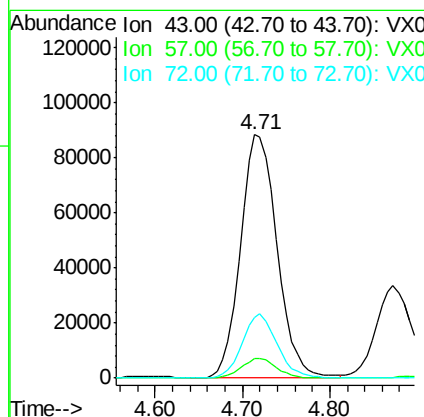
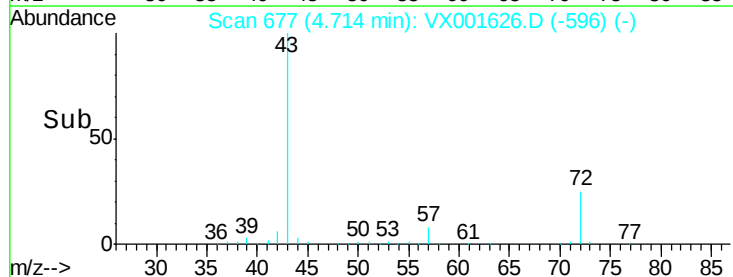
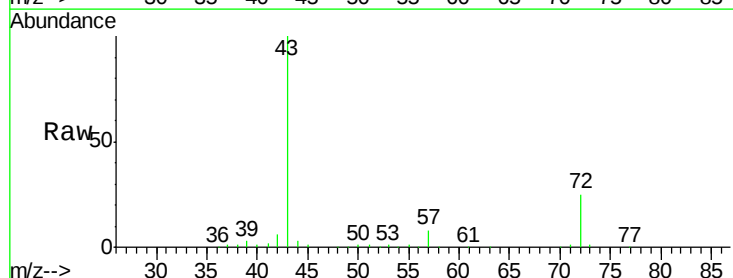
RT: 4.71 min Scan# 677

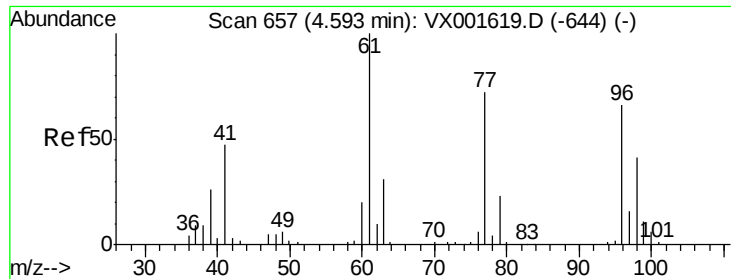
Delta R.T. -0.01 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Tgt Ion:	43	Resp:	256188
Ion Ratio	Lower	Upper	
43	100		
57	7.8	6.3	9.5
72	25.2	20.2	30.4





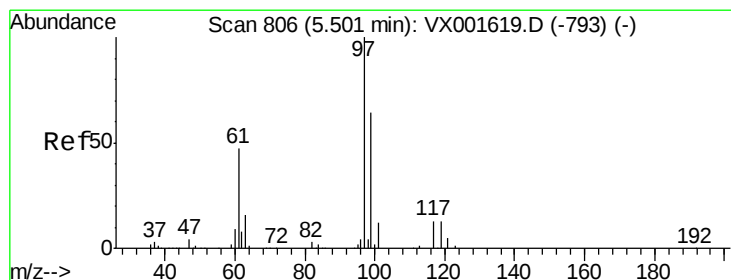
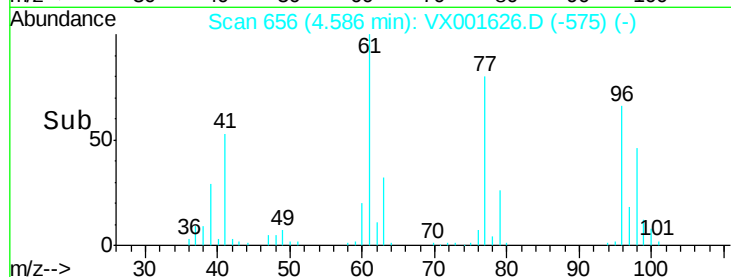
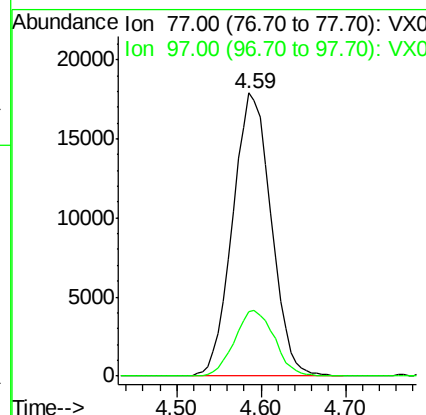
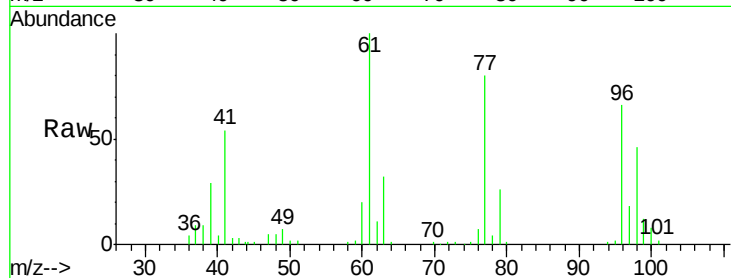
#31
 2,2-Dichloropropane
 Concen: 18.33 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. -0.01 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion: 77 Resp: 55549
 Ion Ratio Lower Upper
 77 100
 97 24.0 19.3 28.9

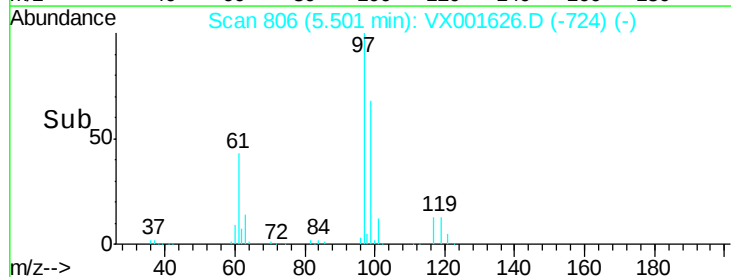
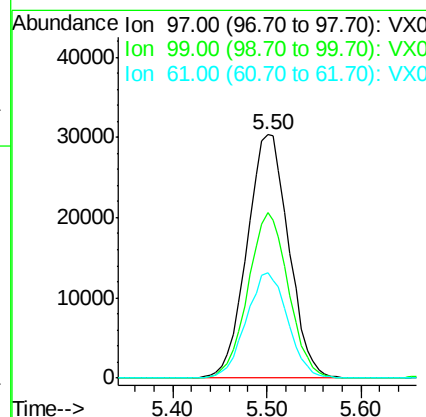
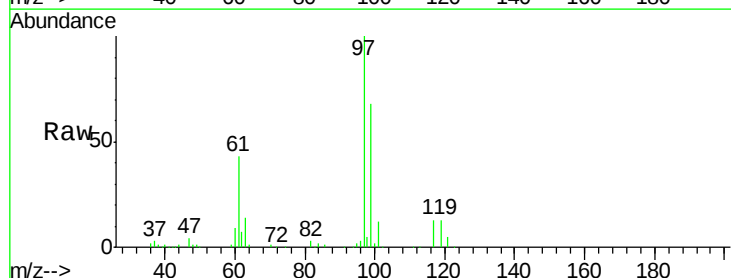
Manual Integrations
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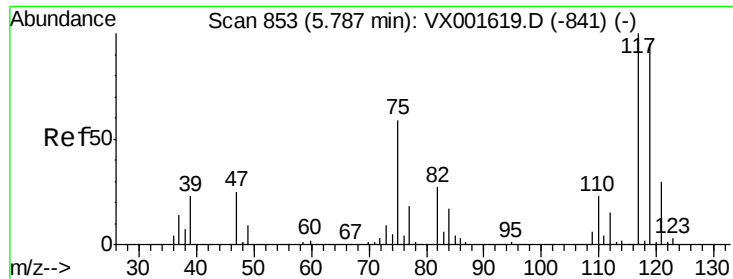
apatel
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#32
 1,1,1-Trichloroethane
 Concen: 20.99 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion: 97 Resp: 94114
 Ion Ratio Lower Upper
 97 100
 99 65.7 51.7 77.5
 61 43.1 35.6 53.4





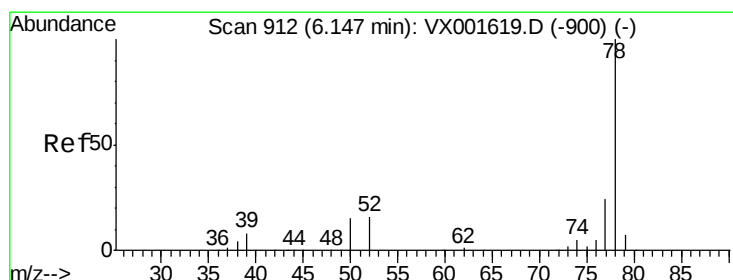
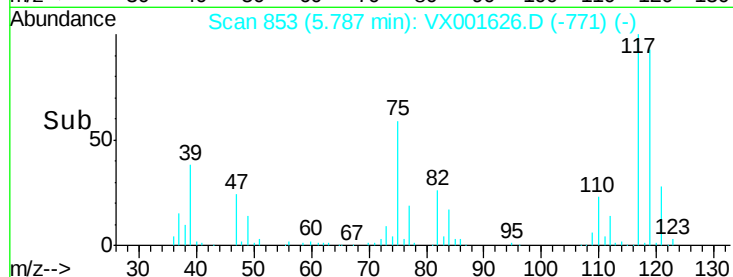
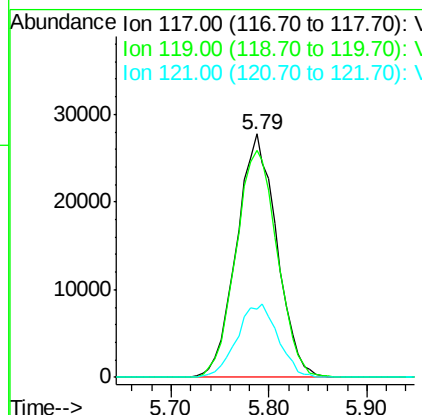
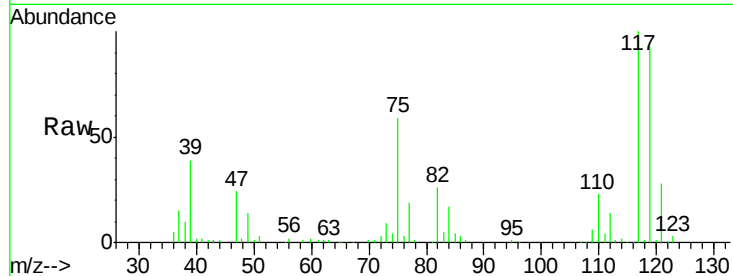
#33
Carbon Tetrachloride
Concen: 19.96 ug/l
RT: 5.79 min Scan# 853
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.9	75.7	113.5
121	28.2	24.3	36.5

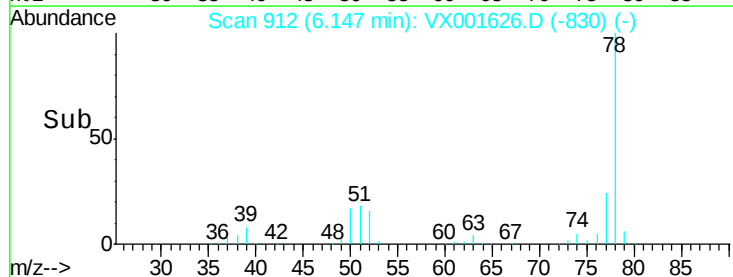
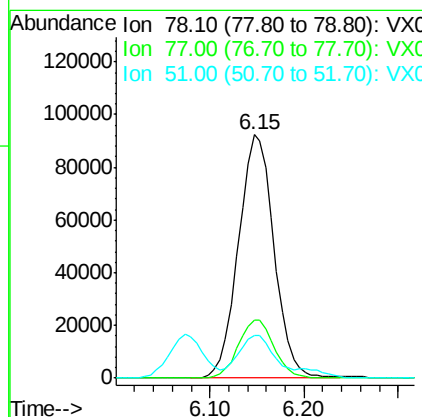
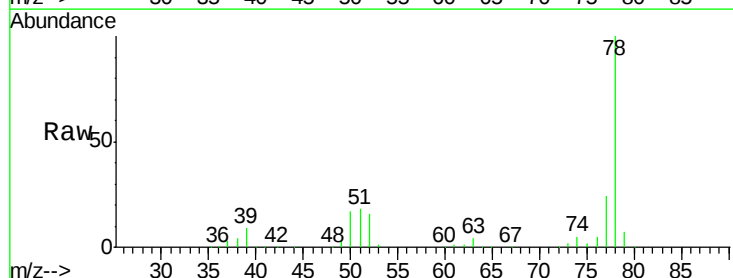
Manual Integrations
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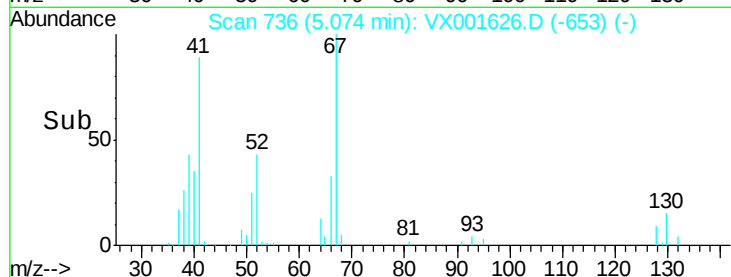
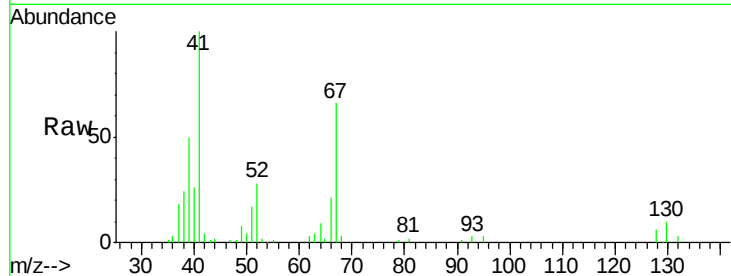
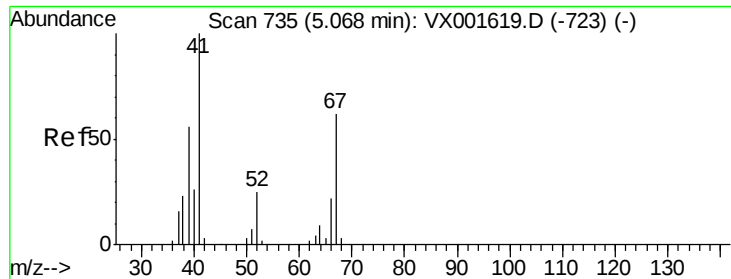
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#34
Benzene
Concen: 21.64 ug/l
RT: 6.15 min Scan# 912
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.8	28.2
51	16.9	13.5	20.3





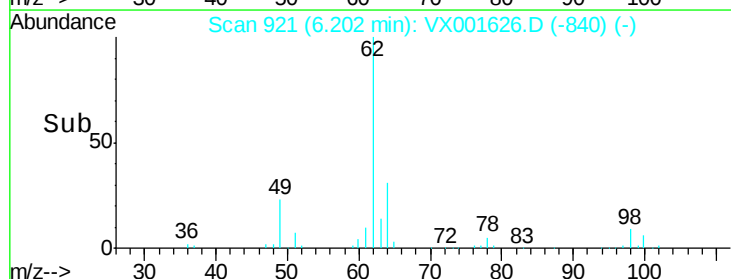
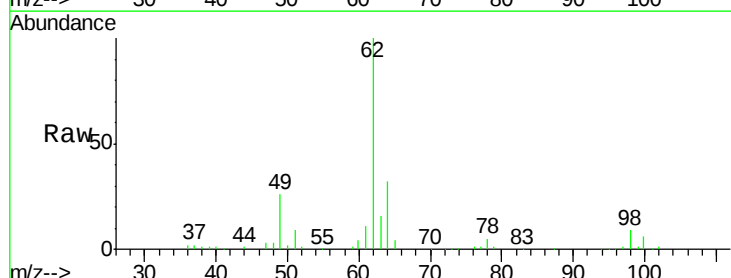
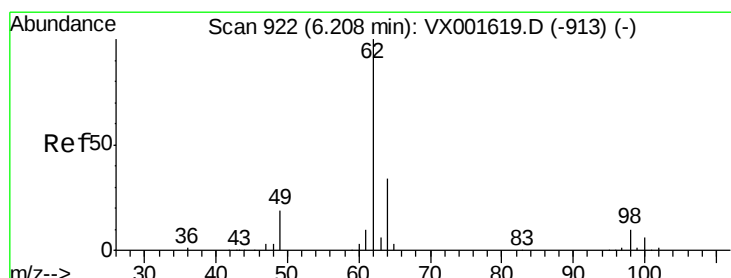
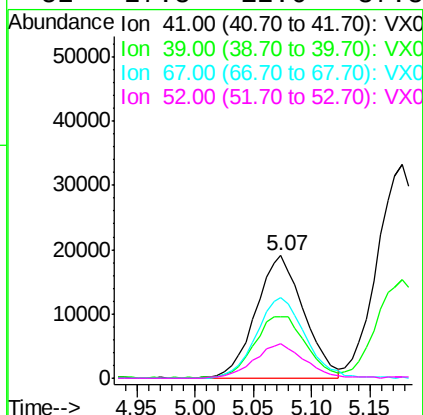
#35
Methacrylonitrile
Concen: 21.66 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	49.5	27.9	83.6		
67	66.3	30.9	92.5		
52	27.8	12.6	37.8		

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

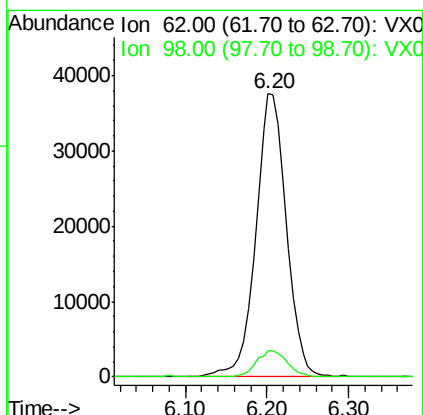
Manual Integrations
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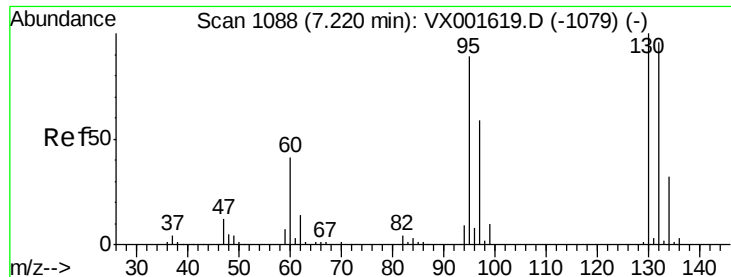
apatel
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#36
1,2-Dichloroethane
Concen: 22.06 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.01 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.3	7.7	11.5		





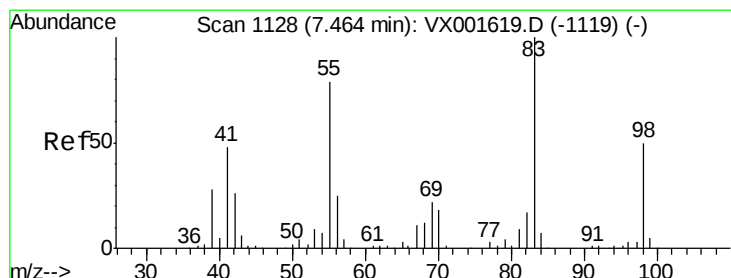
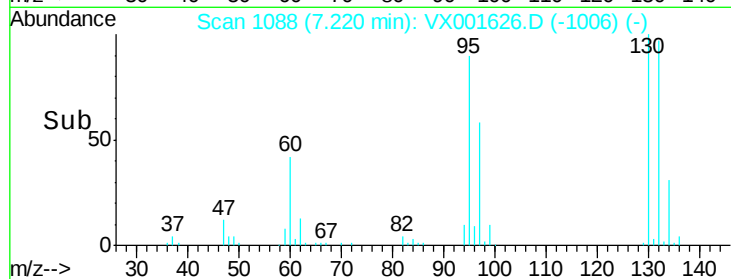
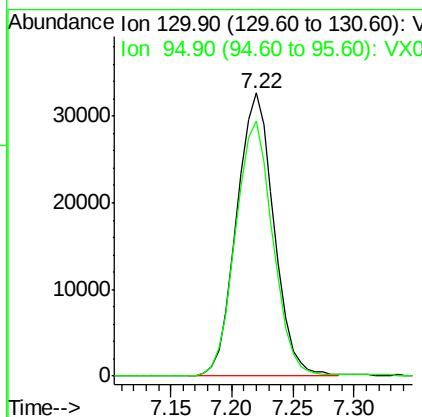
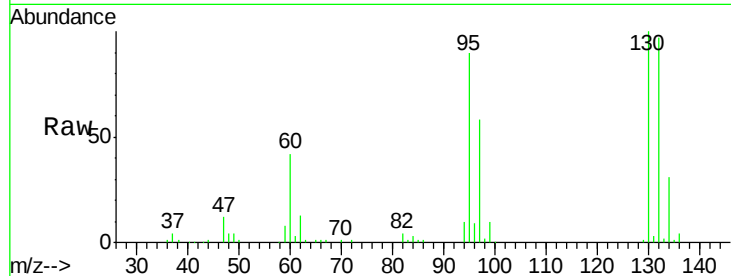
#37
 Trichloroethene
 Concen: 20.87 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0510WBSD01

Tot Ion:130 Resp: 69307
 Ion Ratio Lower Upper
 130 100
 95 90.1 71.4 107.2

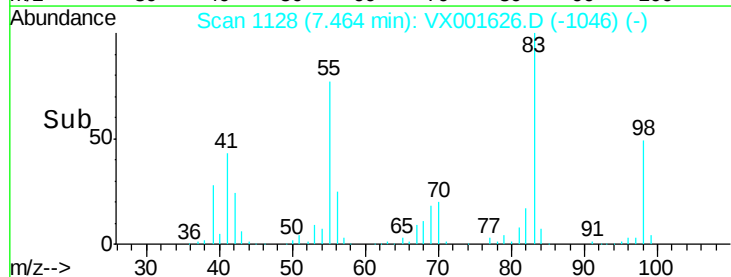
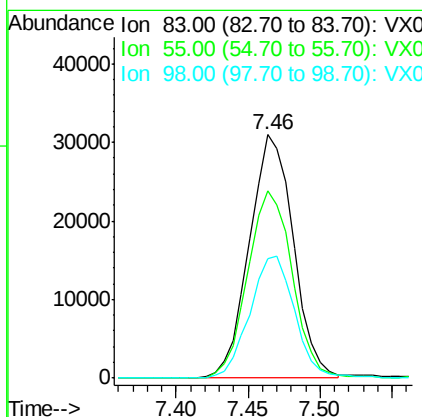
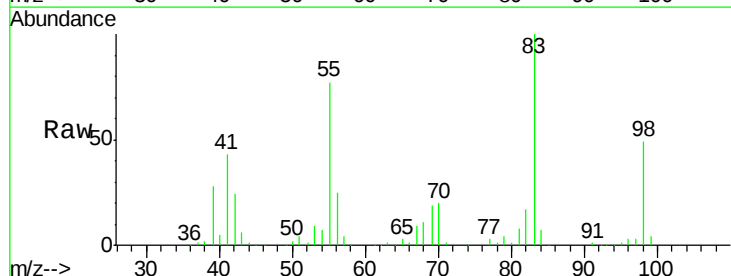
Manual Integrations
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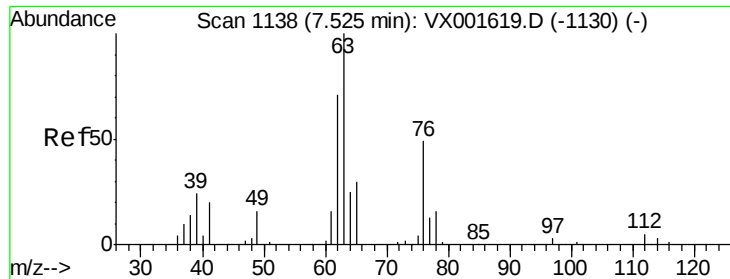
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#38
 Methylcyclohexane
 Concen: 17.39 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion: 83 Resp: 65532
 Ion Ratio Lower Upper
 83 100
 55 78.2 39.6 118.7
 98 51.3 25.0 75.0





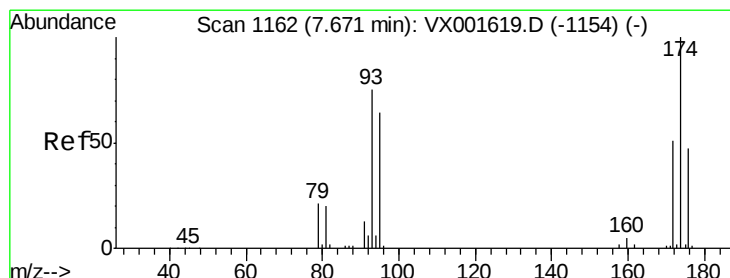
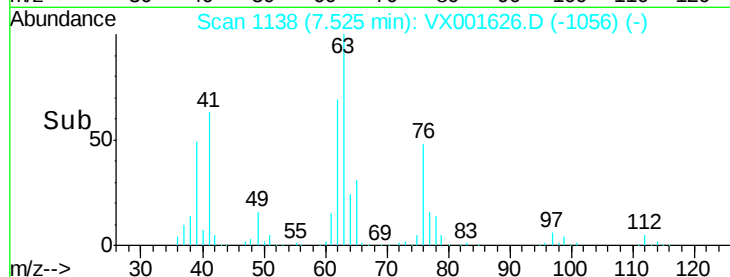
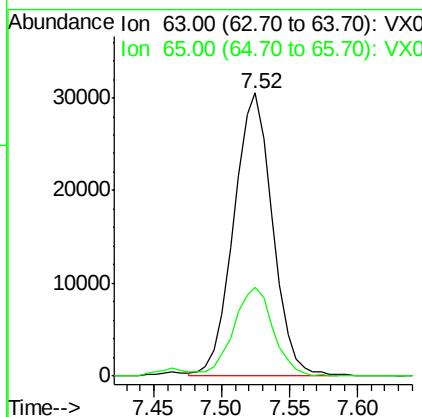
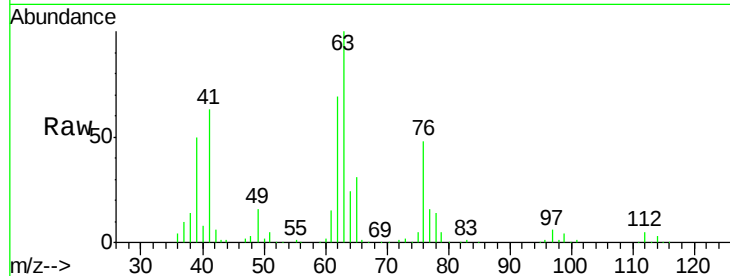
#39
 1,2-Dichloropropane
 Concen: 21.57 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion: 63 Resp: 60930
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.3 37.9

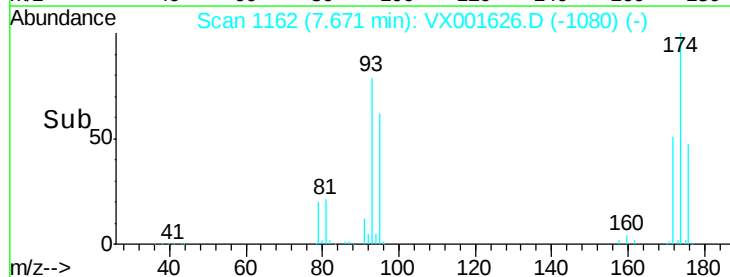
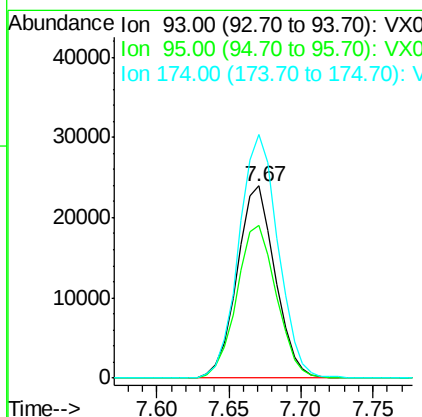
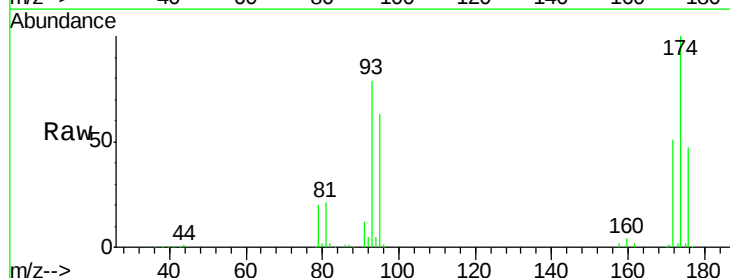
Manual Integrations
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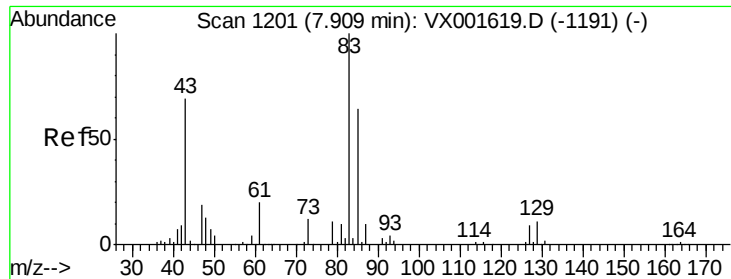
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#40
 Dibromomethane
 Concen: 21.78 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion: 93 Resp: 44098
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 166.2
 174 129.8 0.0 259.2





#41

Bromodichloromethane

Concen: 21.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

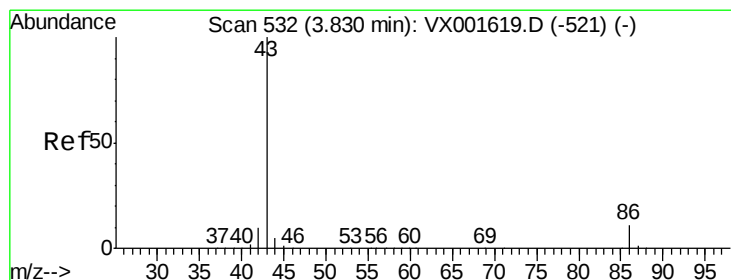
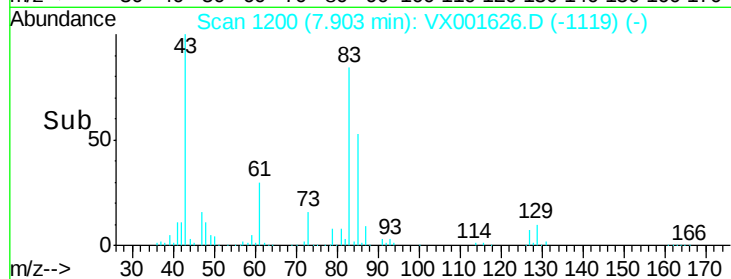
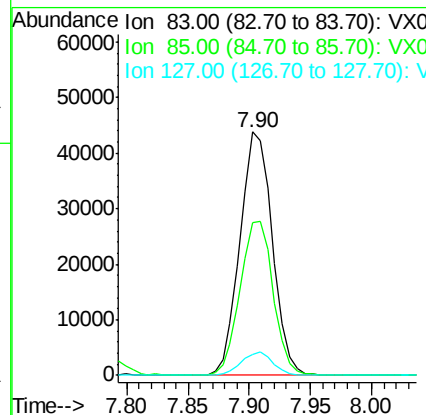
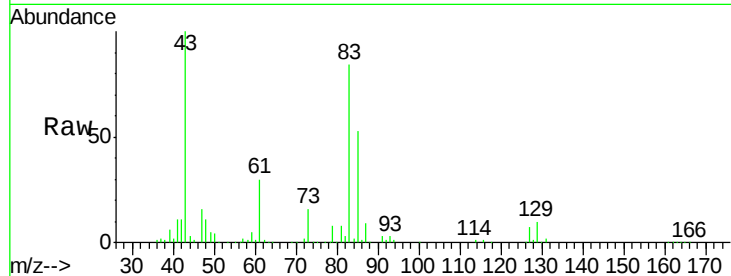
ClientSampleId :

VX0510WBSD01

Tot Ion:	83	Resp:	80659
Ion Ratio	Lower	Upper	
83	100		
85	62.8	51.3	76.9
127	8.8	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 108.44 ug/l

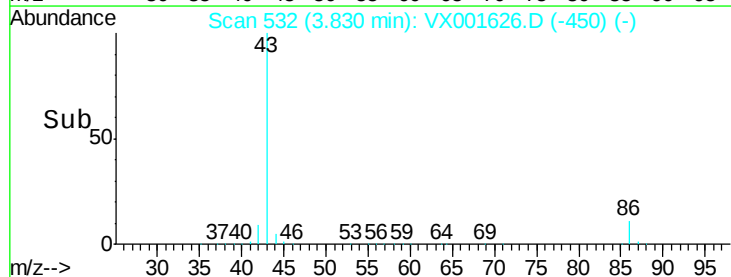
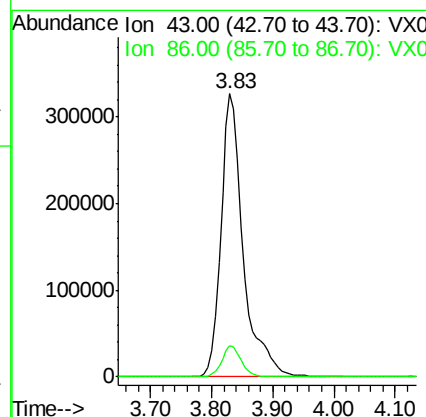
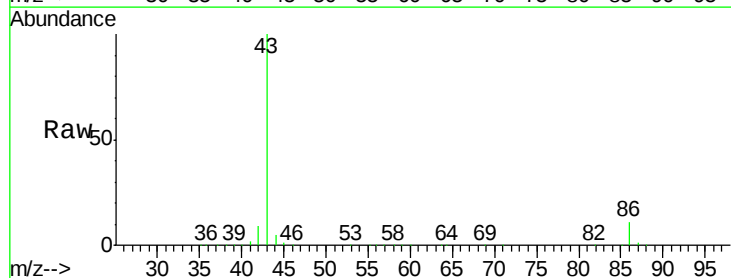
RT: 3.83 min Scan# 532

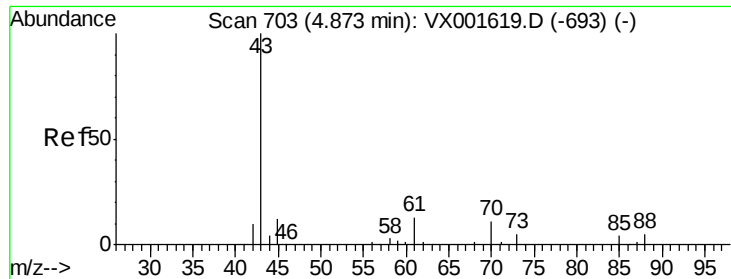
Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Tgt Ion:	43	Resp:	831859
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.4	11.2





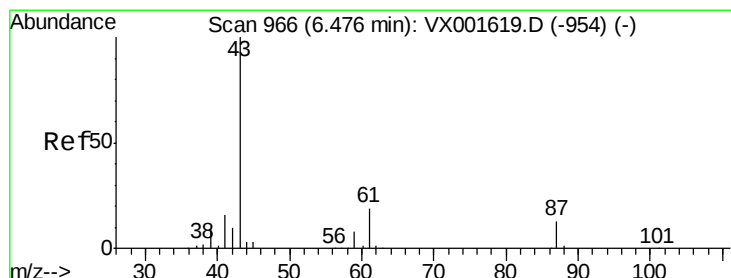
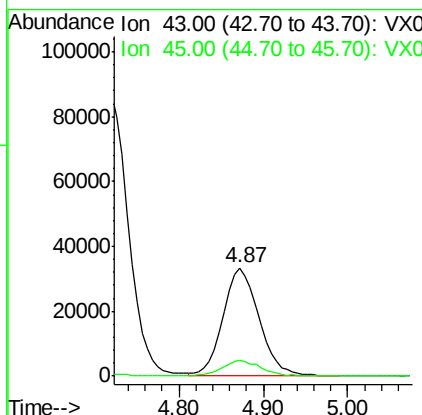
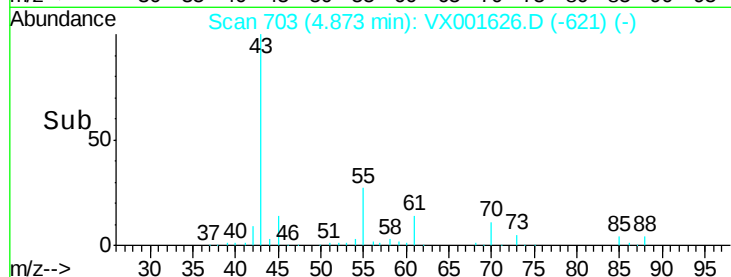
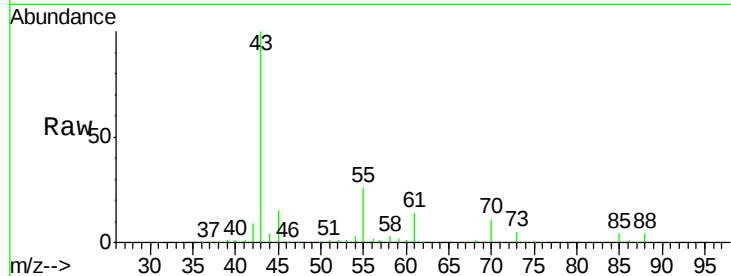
#43
Ethyl Acetate
Concen: 22.01 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleID :
VX0510WBSD01

Tot Ion: 43 Resp: 97600
Ion Ratio Lower Upper
43 100
45 14.8 12.7 19.1

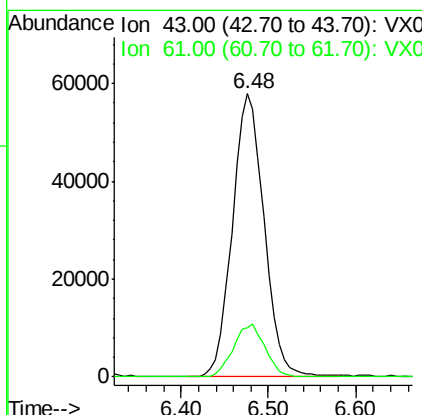
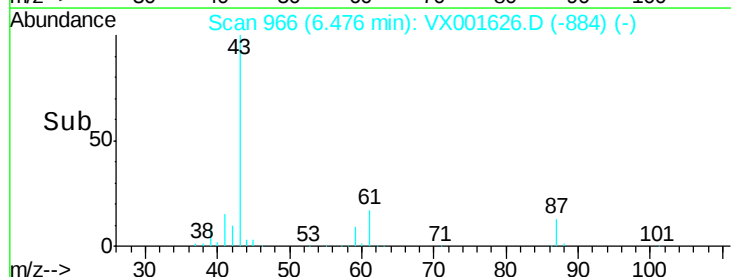
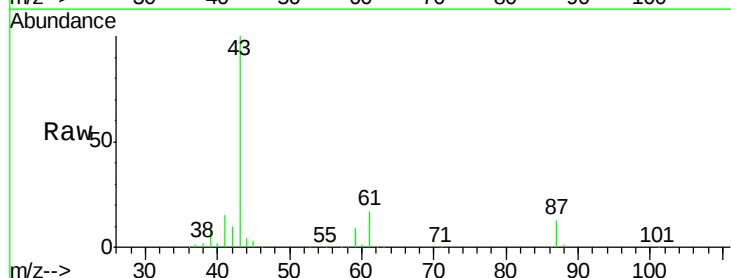
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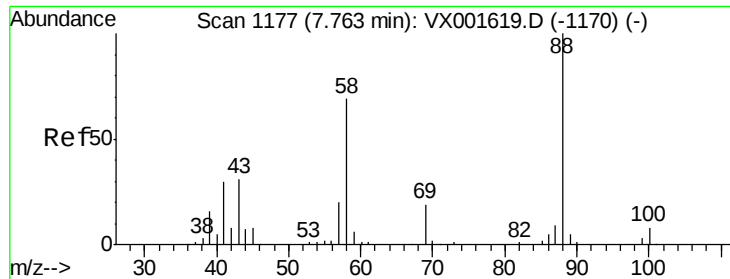
apatel
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#44
Isopropyl Acetate
Concen: 21.49 ug/l
RT: 6.48 min Scan# 966
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion: 43 Resp: 145852
Ion Ratio Lower Upper
43 100
61 18.8 15.1 22.7





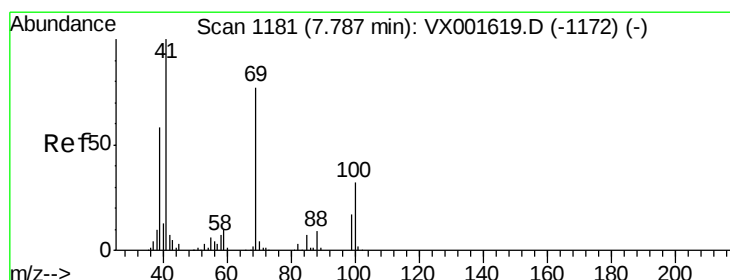
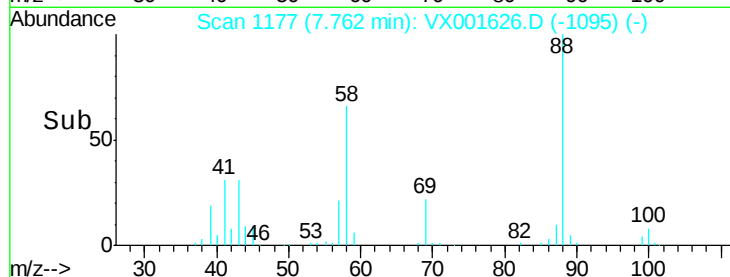
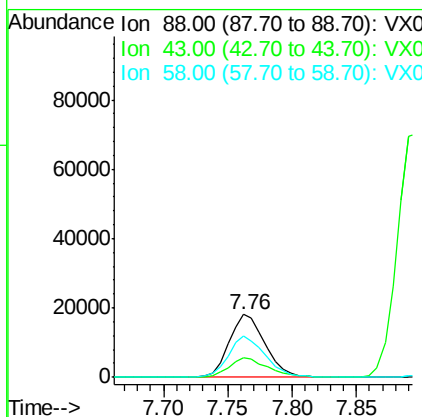
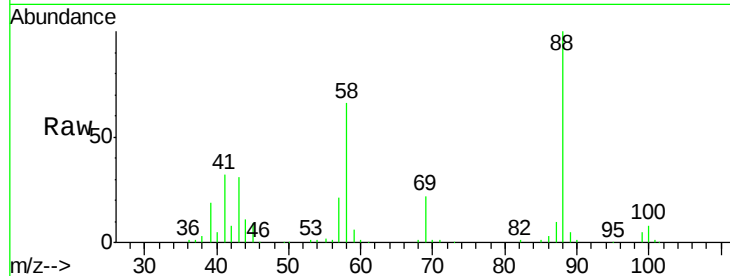
#45
 1,4-Dioxane
 Concen: 441.67 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	33.0	27.9	41.9	
58	68.3	55.3	82.9	

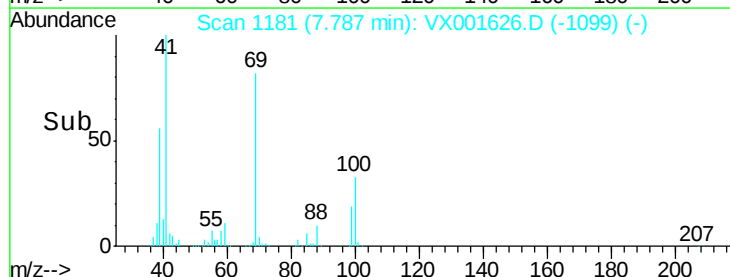
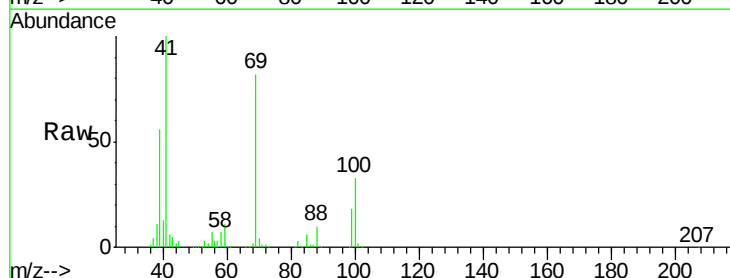
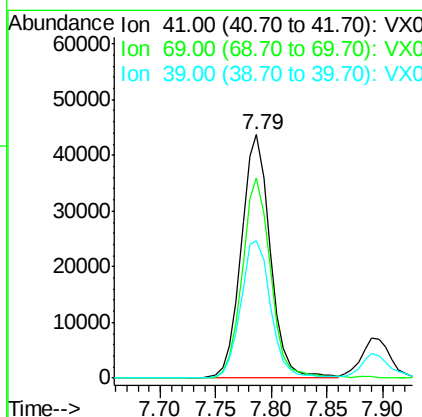
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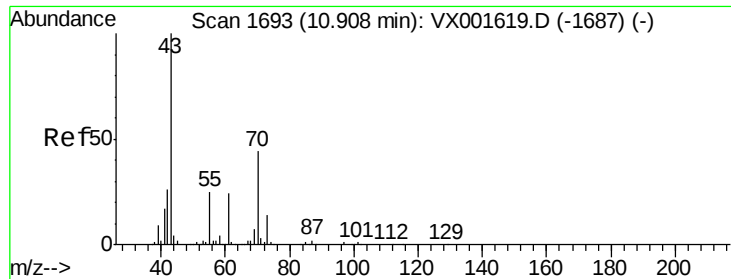
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#46
 Methyl methacrylate
 Concen: 21.56 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	82.1	38.4	115.2	
39	56.3	29.0	87.1	





#47

n-amvl Acetate

Concen: 20.52 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 43 Resp: 118947

Ion Ratio Lower Upper

43 100

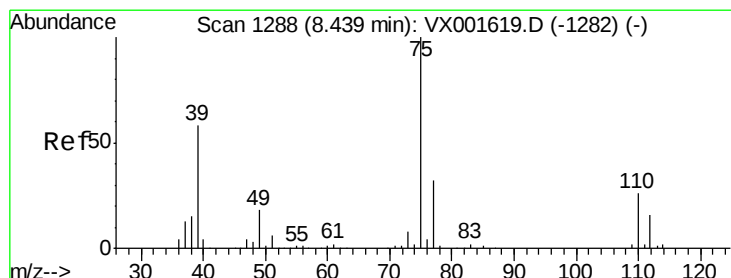
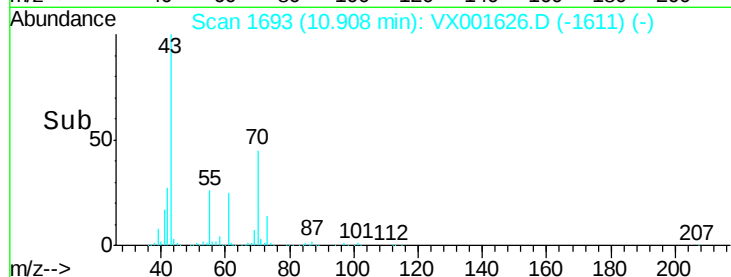
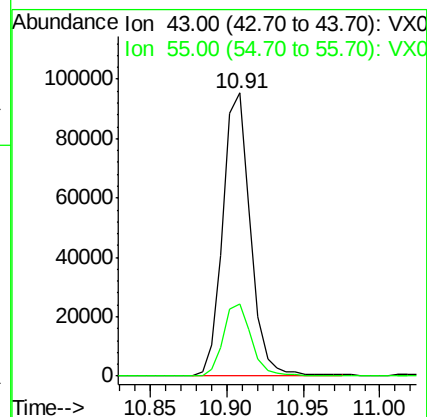
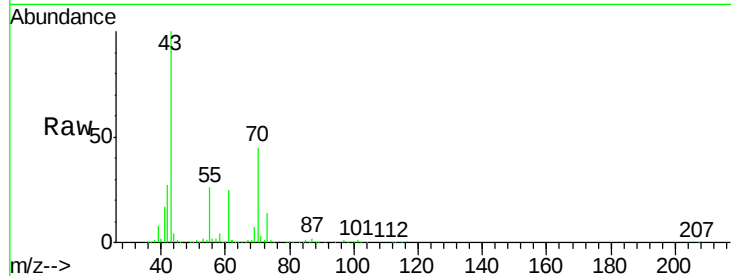
55 26.3 20.8 31.2

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 20.61 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX001626.D

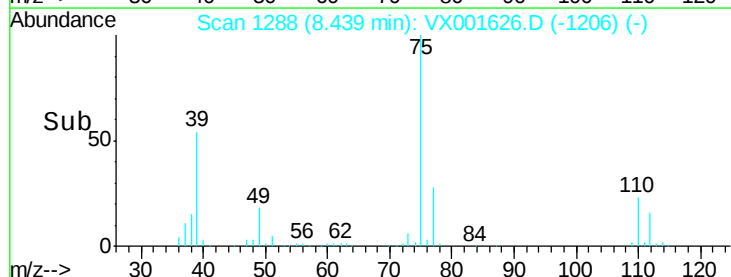
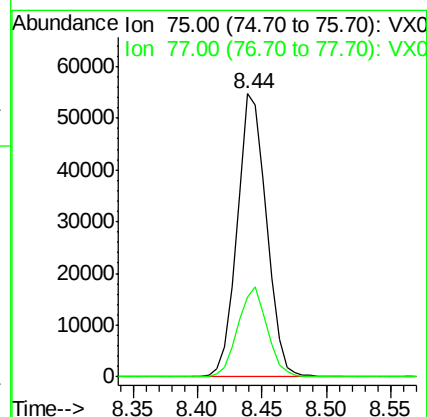
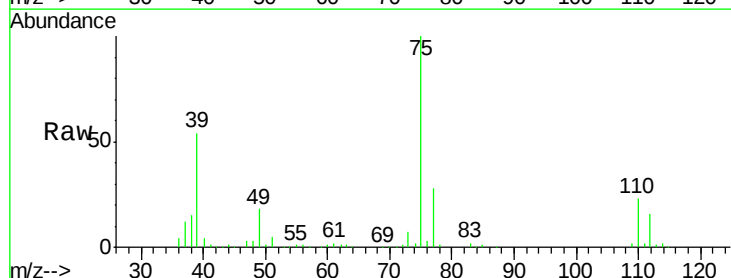
Acq: 11 May 2018 03:02

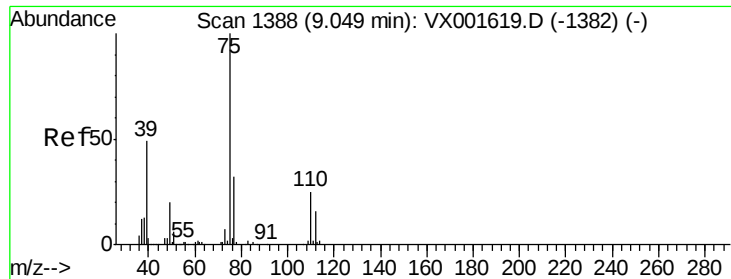
Tgt Ion: 75 Resp: 86625

Ion Ratio Lower Upper

75 100

77 28.3 25.5 38.3





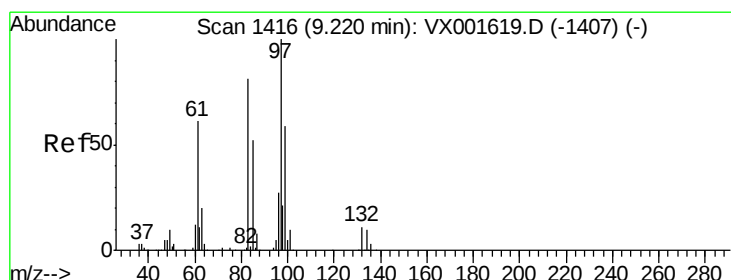
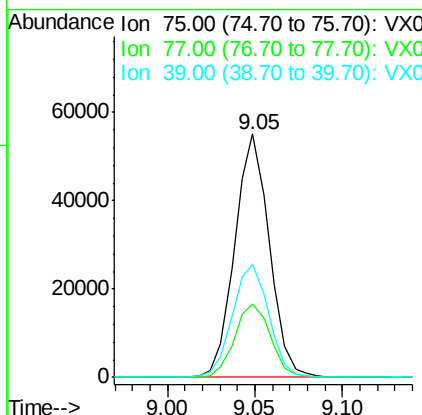
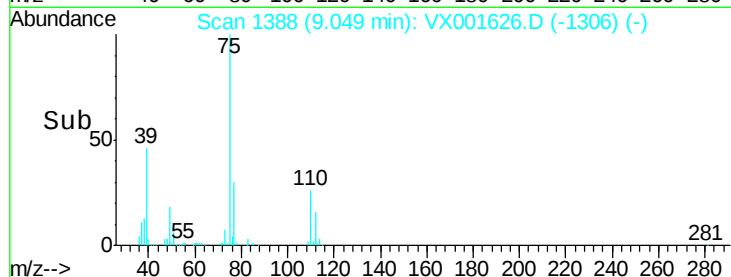
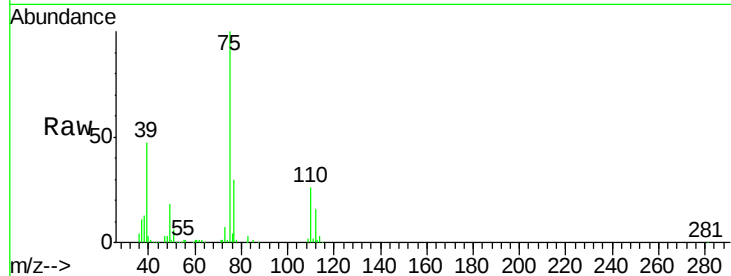
#49
 cis-1,3-Dichloropropene
 Concen: 20.38 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampled :
 VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.0	25.8	38.6
39	46.3	39.4	59.0

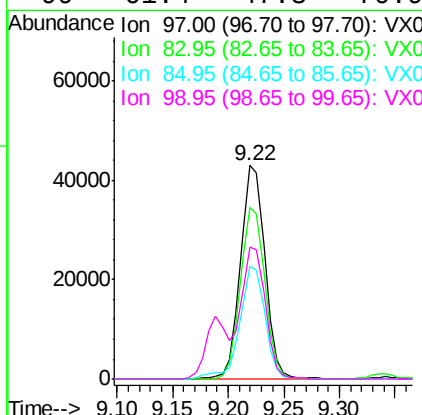
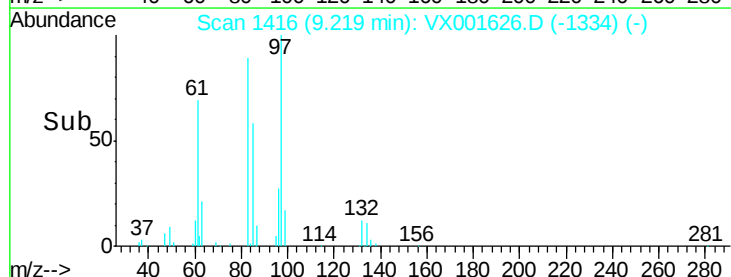
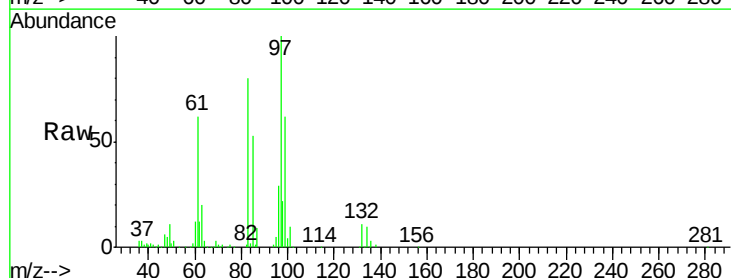
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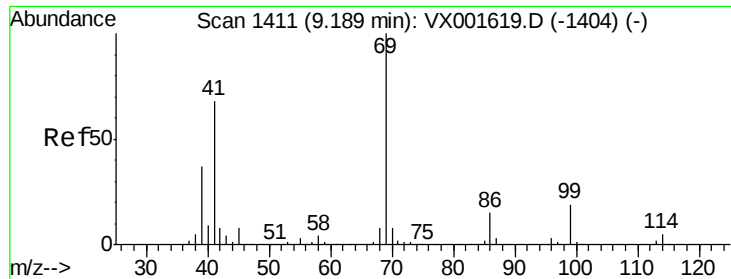
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#50
 1,1,2-Trichloroethane
 Concen: 21.91 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.4	65.0	97.6
85	53.1	41.5	62.3
99	61.4	47.3	70.9





#51

Ethyl methacrylate

Concen: 21.30 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

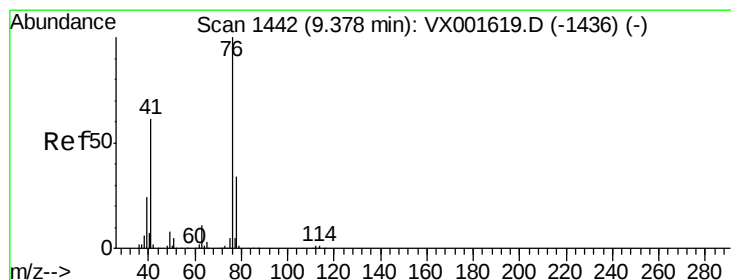
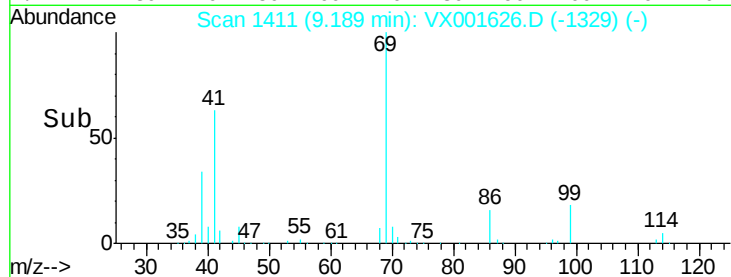
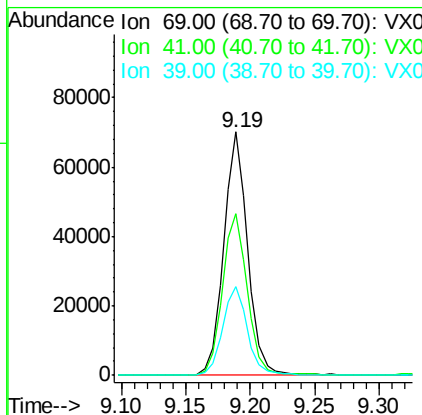
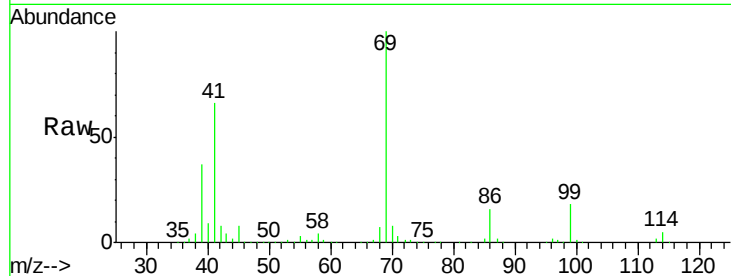
ClientSampleId :

VX0510WBSD01

Tot Ion:	69	Resp:	92039
Ion	Ratio	Lower	Upper
69	100		
41	66.3	33.9	101.6
39	36.4	18.4	55.2

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.53 ug/l

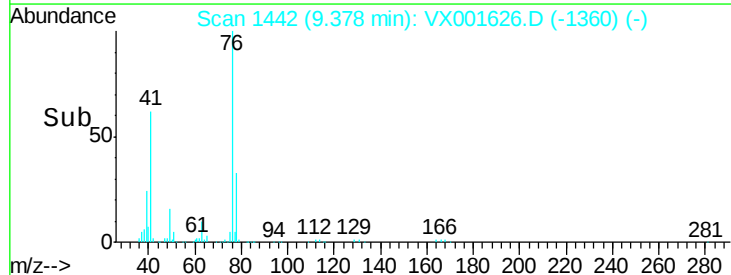
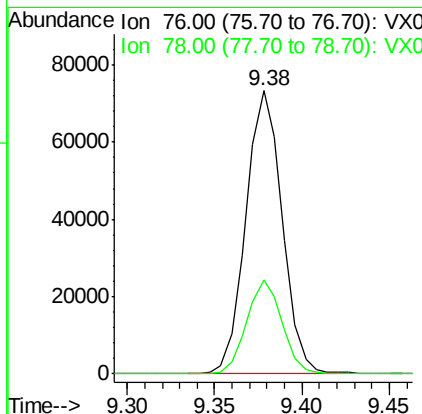
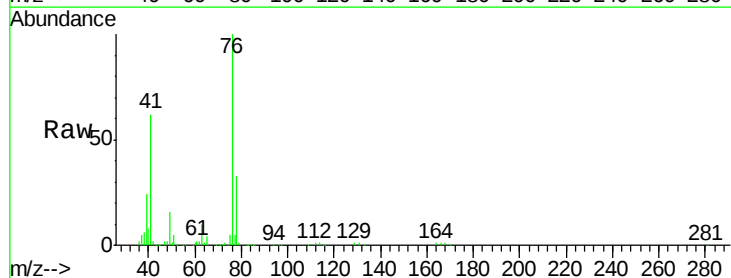
RT: 9.38 min Scan# 1442

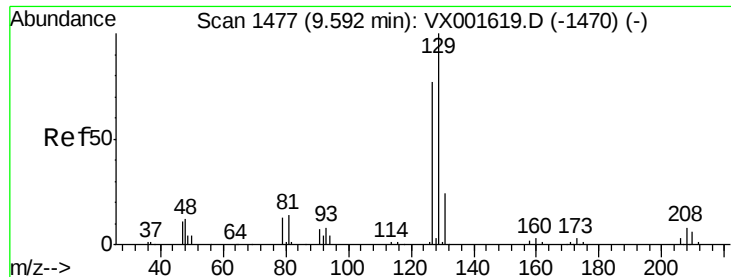
Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Tgt Ion:	76	Resp:	106329
Ion	Ratio	Lower	Upper
76	100		
78	32.3	0.0	65.8





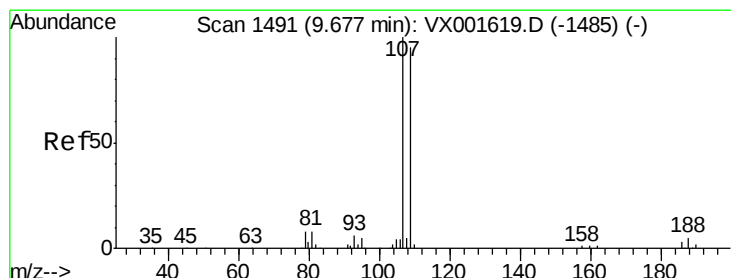
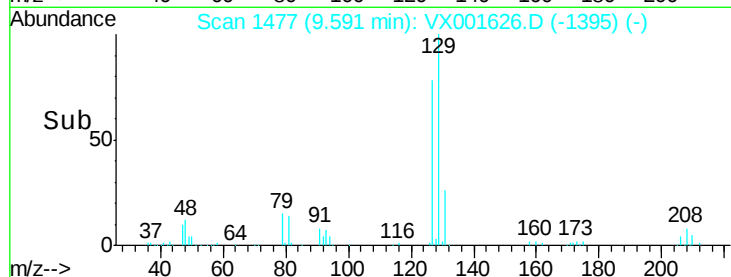
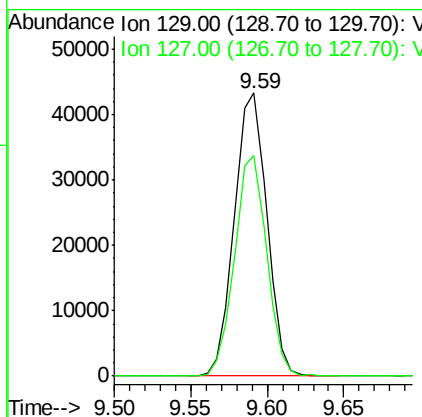
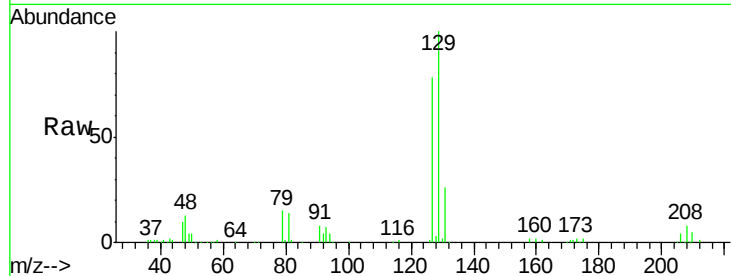
#53
 Dibromochloromethane
 Concen: 20.53 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion:129 Resp: 63917
 Ion Ratio Lower Upper
 129 100
 127 77.0 37.9 113.7

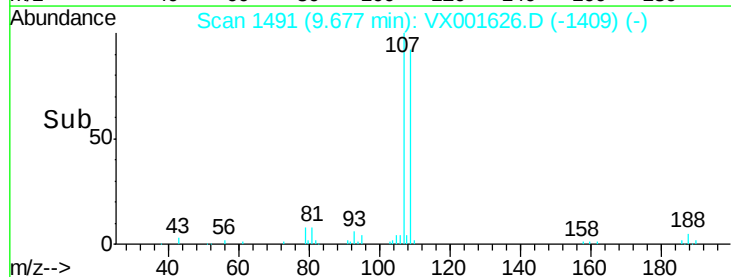
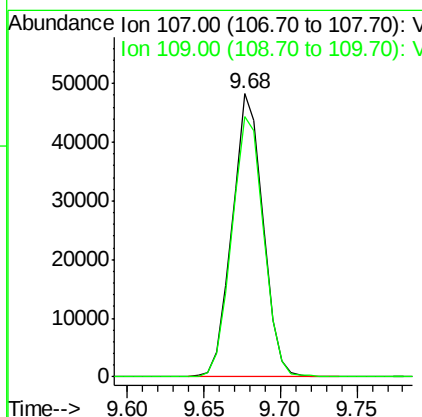
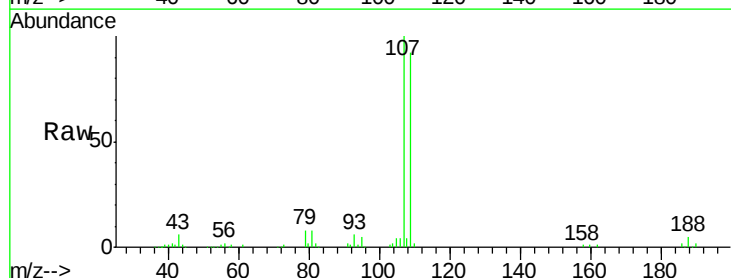
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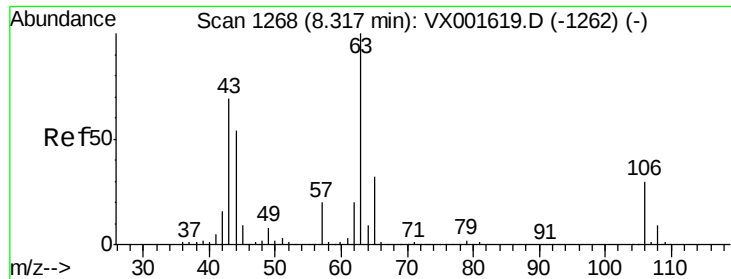
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#54
 1,2-Dibromoethane
 Concen: 21.28 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion:107 Resp: 67299
 Ion Ratio Lower Upper
 107 100
 109 95.2 75.0 112.6





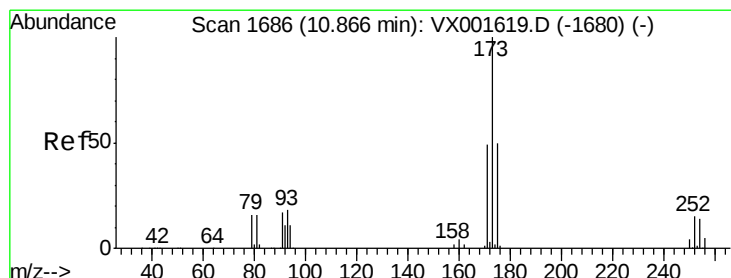
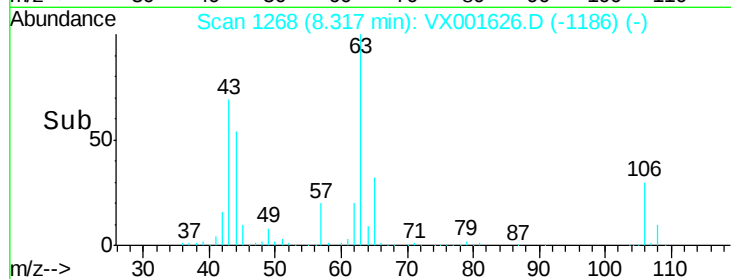
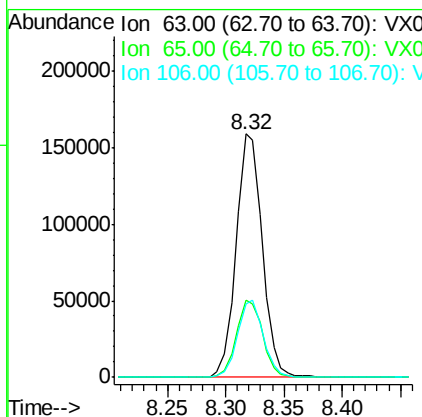
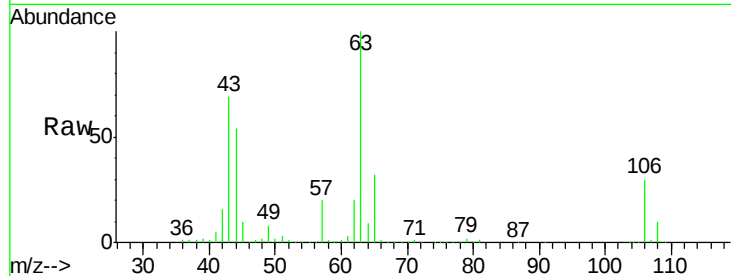
#55
2-Chloroethyl vinyl ether
Concen: 108.58 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.8	38.8
106	31.4	24.8	37.2

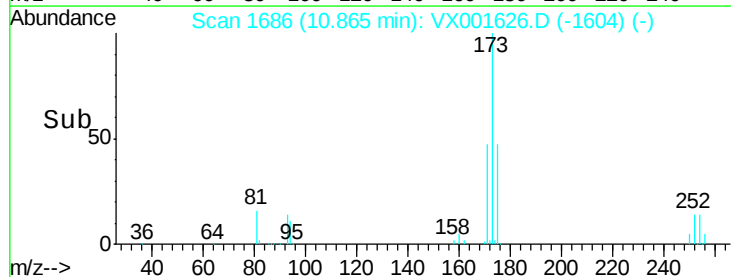
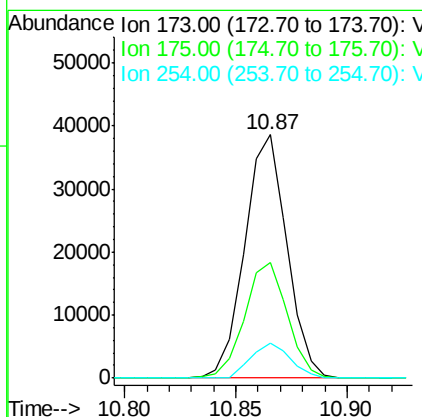
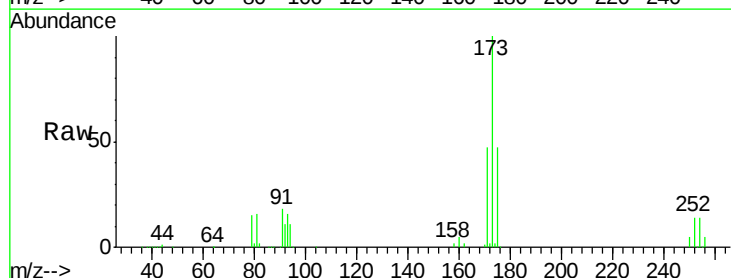
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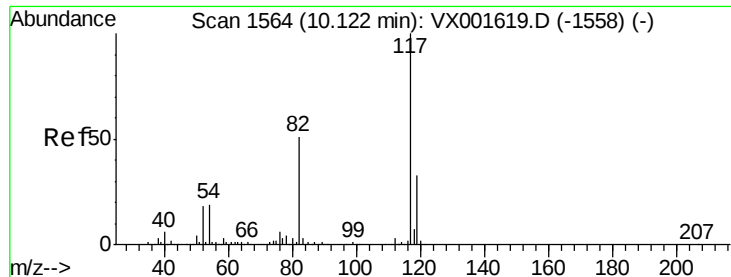
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#56
Bromoform
Concen: 20.05 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.9	39.8	59.8
254	13.5	10.7	16.1





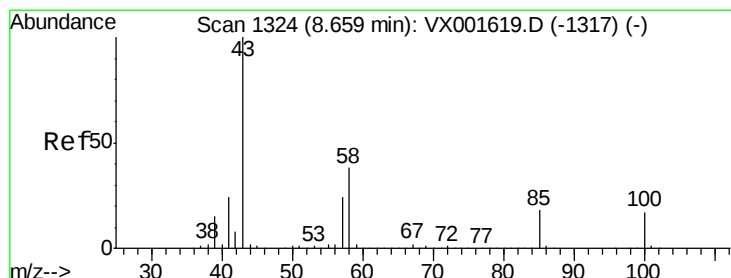
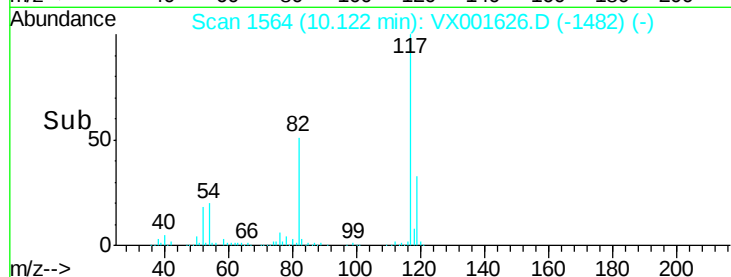
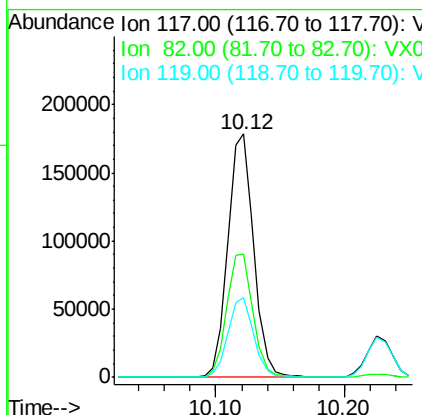
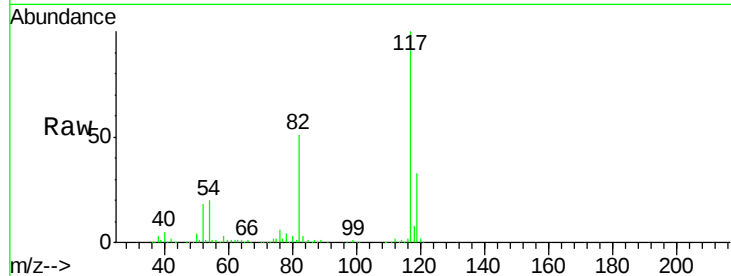
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	251917		
82	51.6	42.2	63.2	
119	32.6	26.3	39.5	

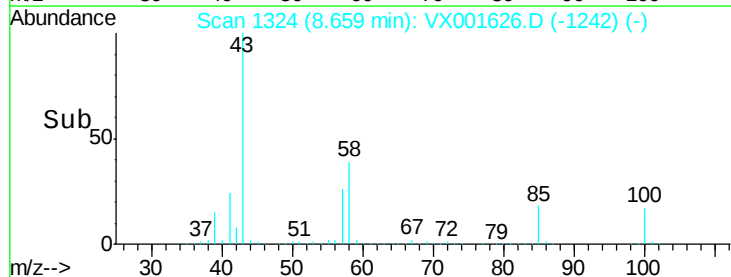
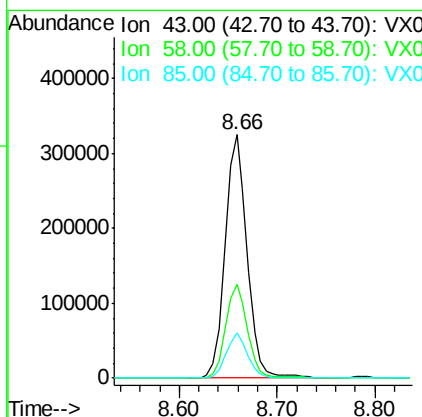
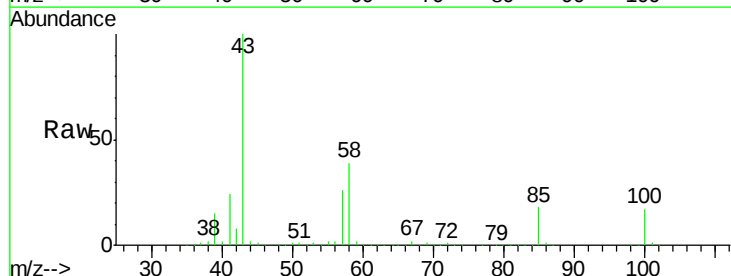
Manual Integrations
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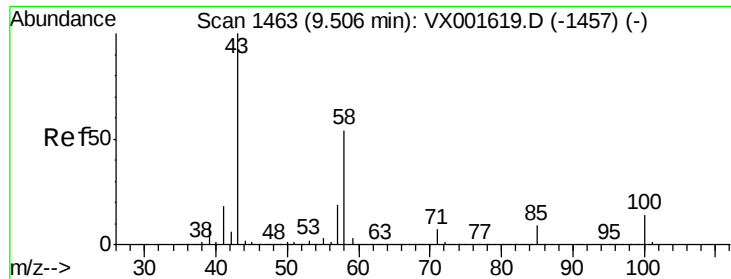
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#58
4-Methyl-2-Pentanone
Concen: 111.11 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	503474		
58	38.1	30.4	45.6	
85	18.0	14.3	21.5	





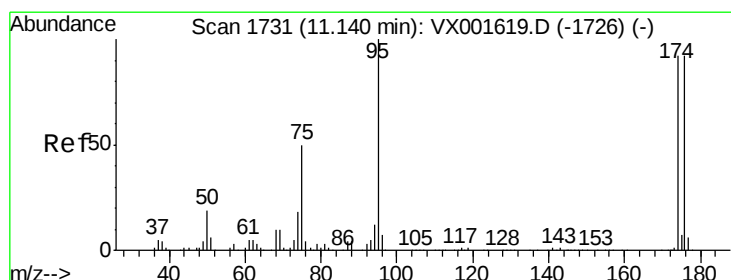
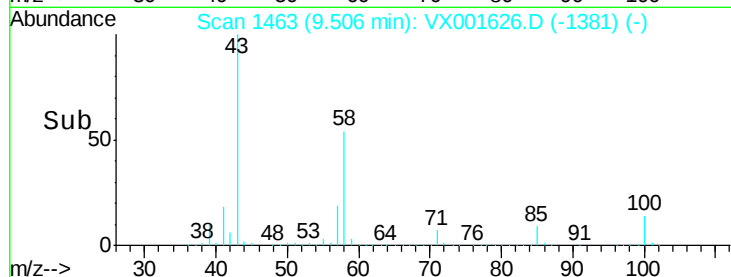
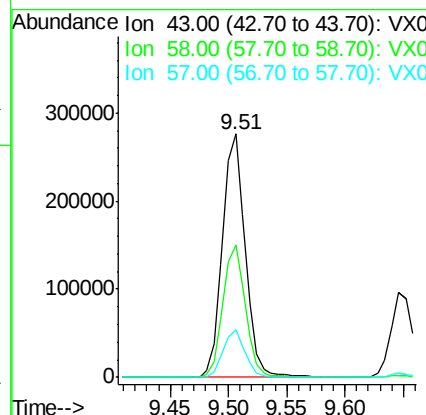
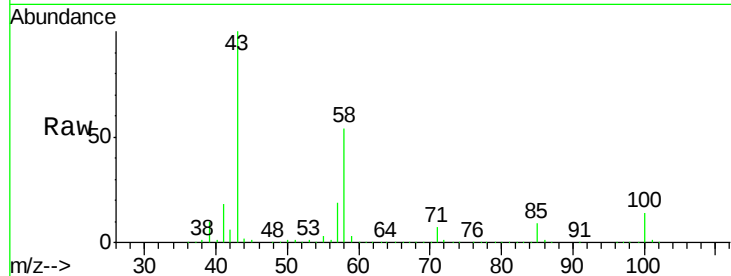
#59
2-Hexanone
Concen: 109.95 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.0	43.0	64.4
57	19.0	15.4	23.0

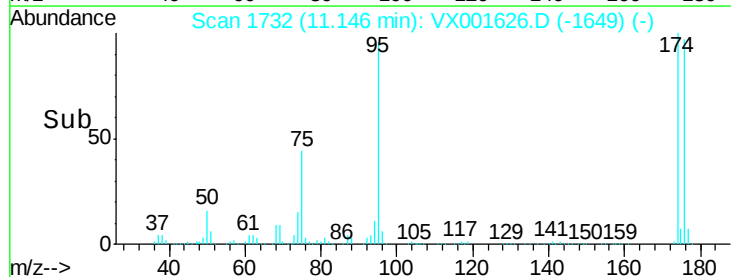
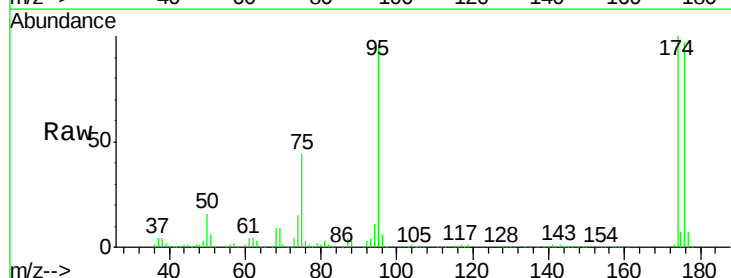
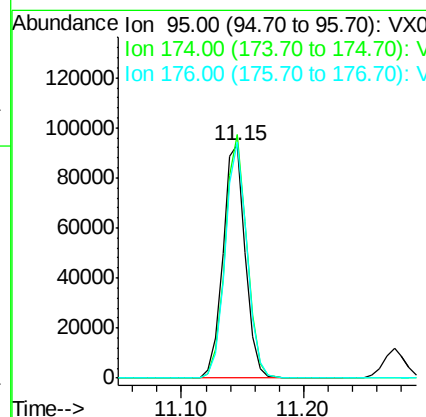
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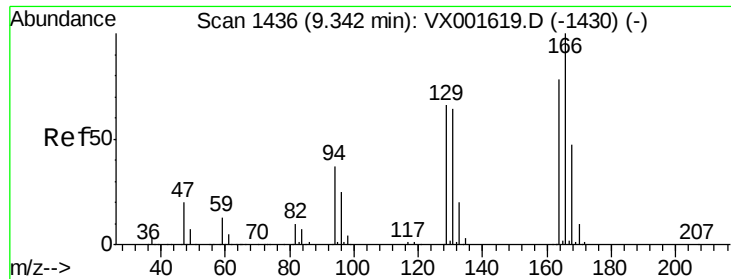
apatel
5/14/2018 3:57:50 PM



#60
4-Bromofluorobenzene
Concen: 29.71 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.01 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	100.9	80.2	120.2
176	97.9	79.2	118.8





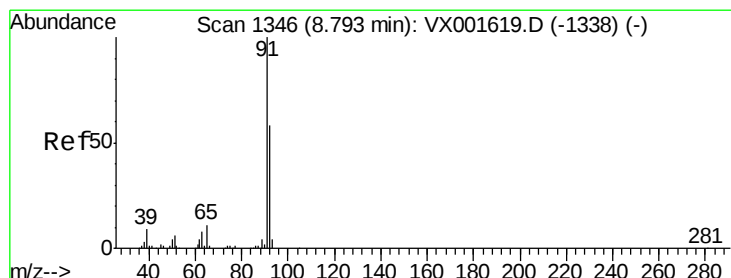
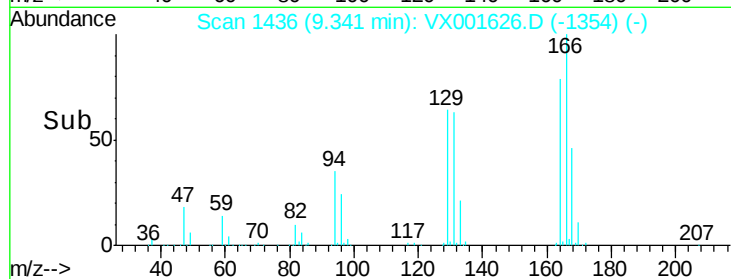
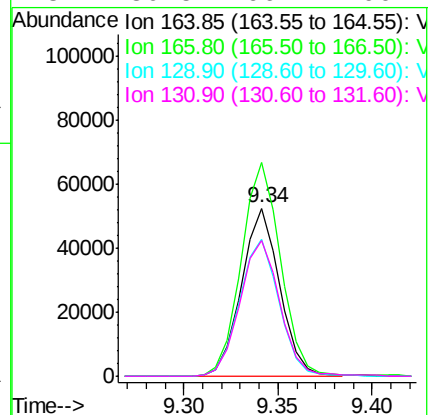
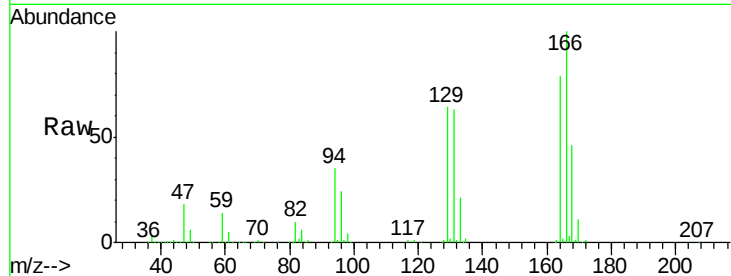
#61
Tetrachloroethene
Concen: 20.15 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.2	102.8	154.2
129	81.1	67.8	101.8
131	80.5	66.2	99.2

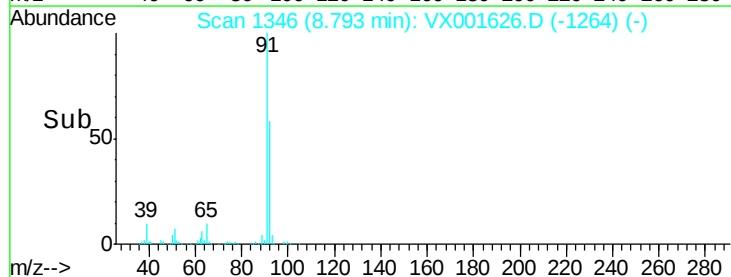
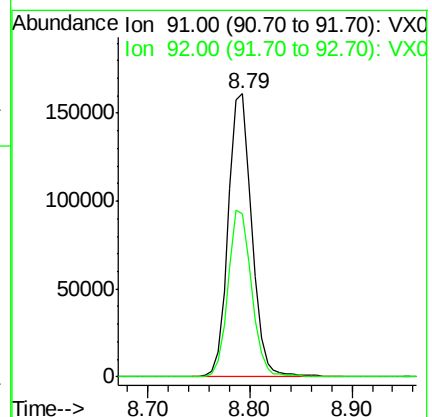
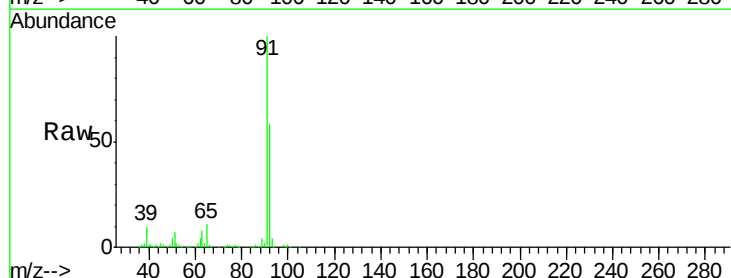
Manual Integrations
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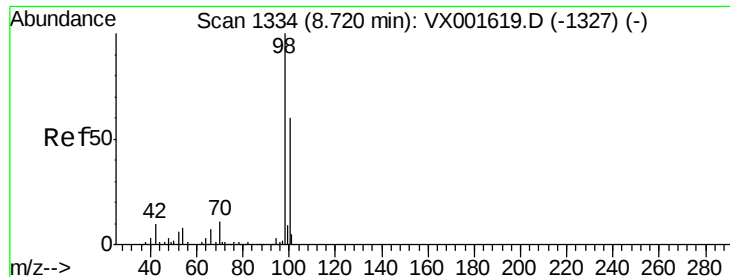
apatel
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#62
Toluene
Concen: 21.33 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.7	47.4	71.0





#63

Toluene-d8

Concen: 30.33 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 98 Resp: 340747

Ion Ratio Lower Upper

98 100

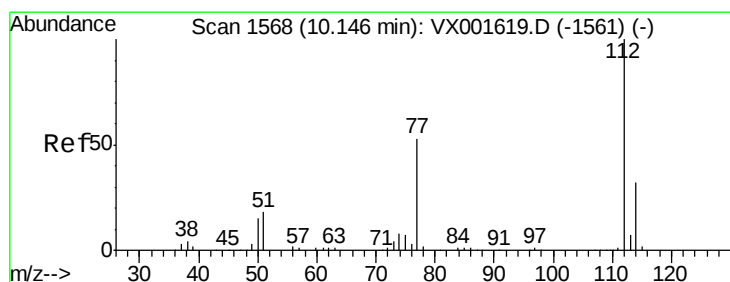
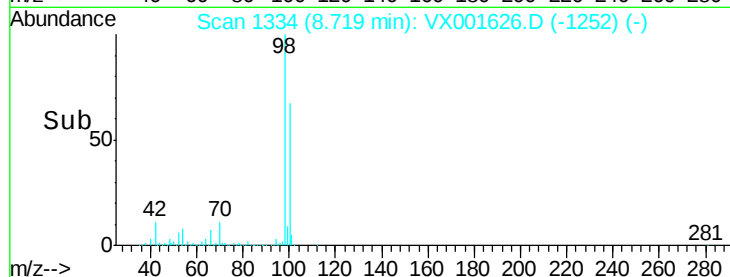
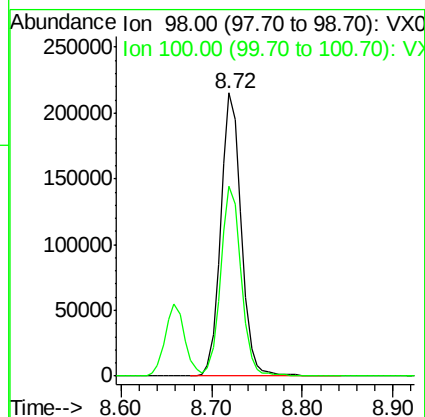
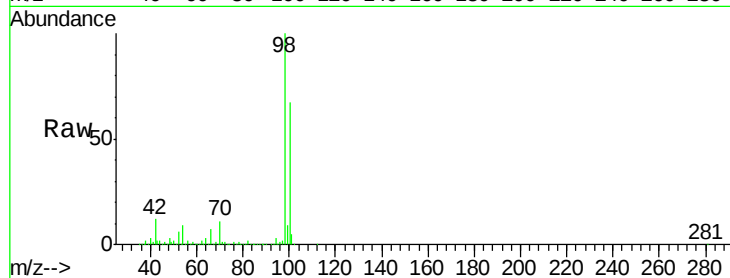
100 65.9 52.2 78.2

Manual Integrations

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#64

Chlorobenzene

Concen: 21.02 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX001626.D

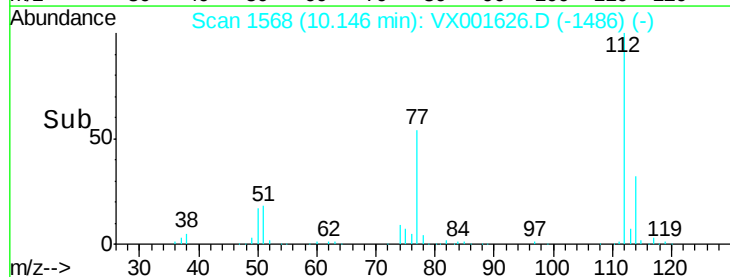
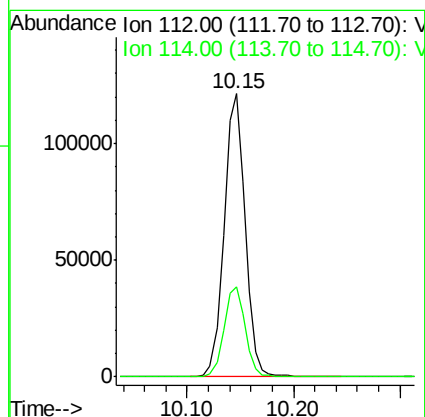
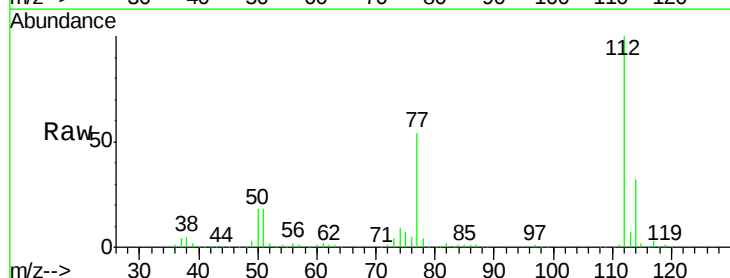
Acq: 11 May 2018 03:02

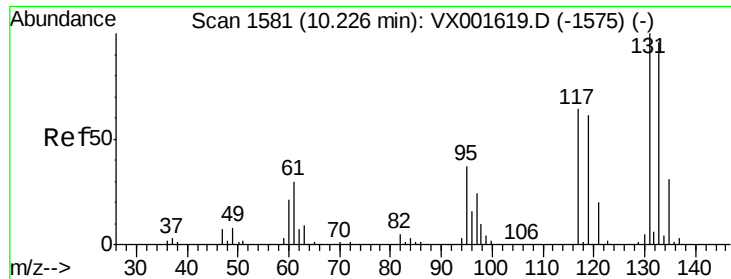
Tgt Ion: 112 Resp: 167360

Ion Ratio Lower Upper

112 100

114 32.0 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 21.21 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

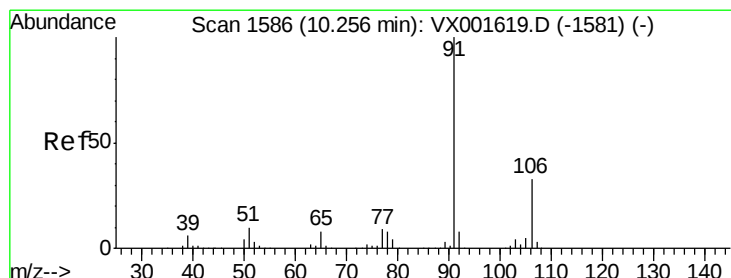
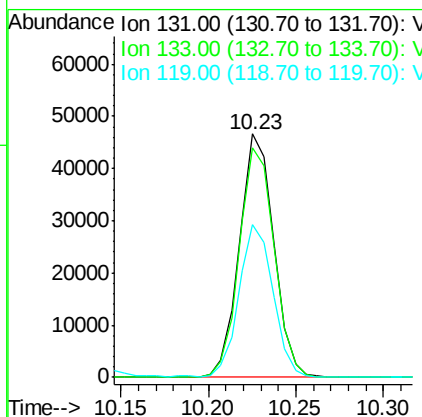
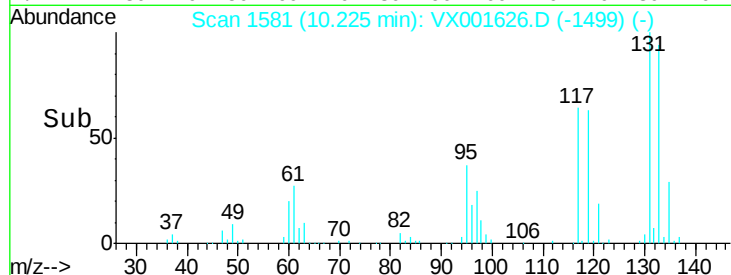
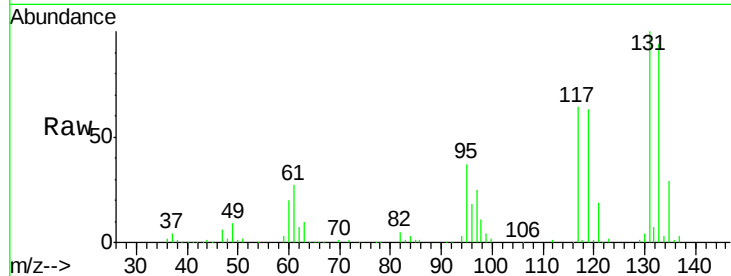
ClientSampleId :

VX0510WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	63825		
133	95.8	0.0	191.4	
119	62.0	0.0	124.2	

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.56 ug/l

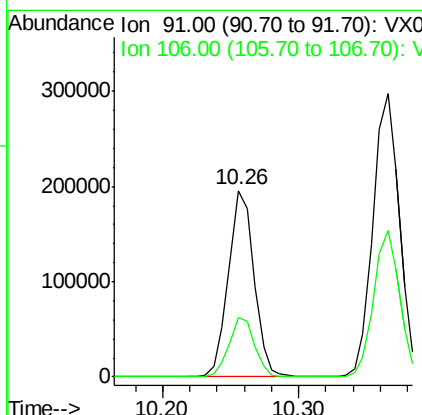
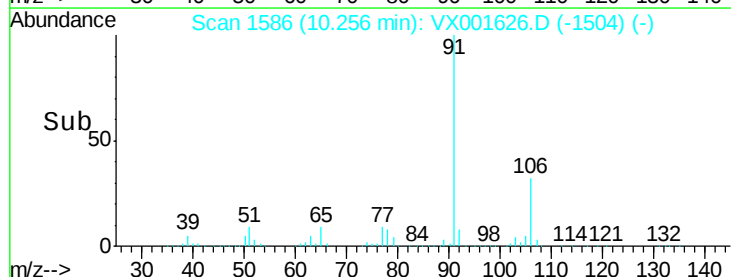
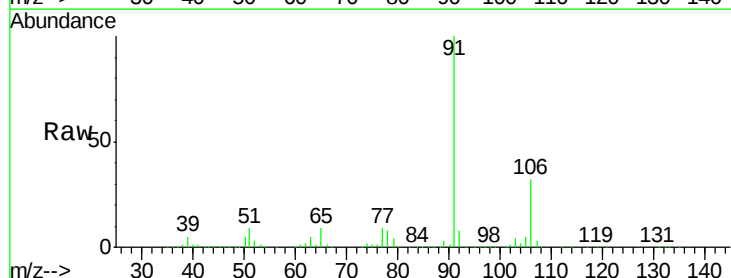
RT: 10.26 min Scan# 1586

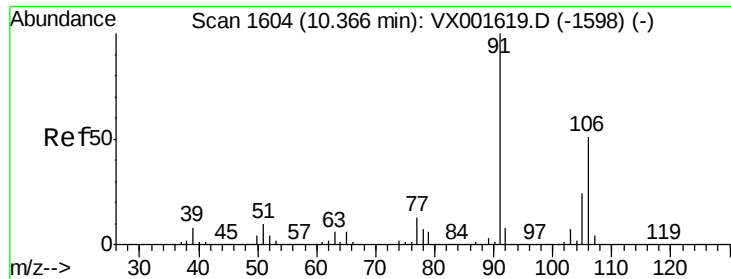
Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	258523		
106	31.9	26.2	39.4	





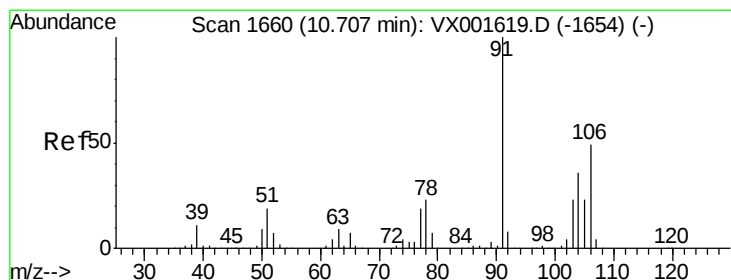
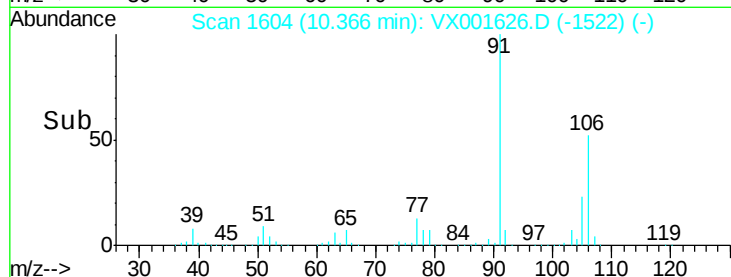
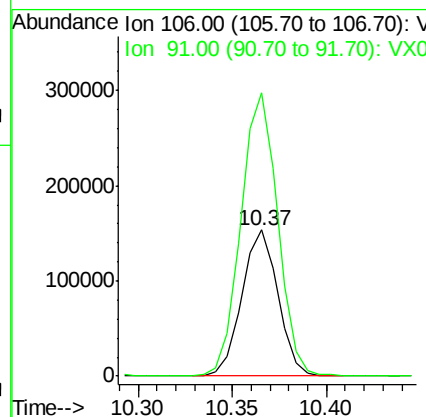
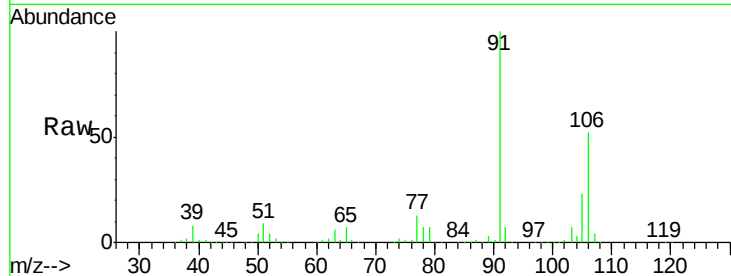
#67
m/p-Xvlenes
Concen: 40.47 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion:106 Resp: 203243
Ion Ratio Lower Upper
106 100
91 198.3 157.8 236.8

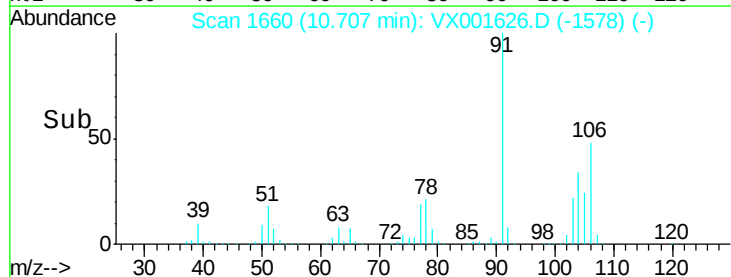
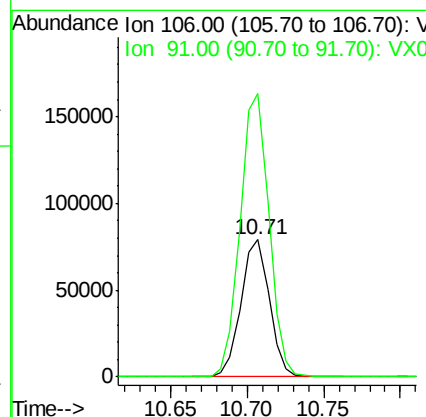
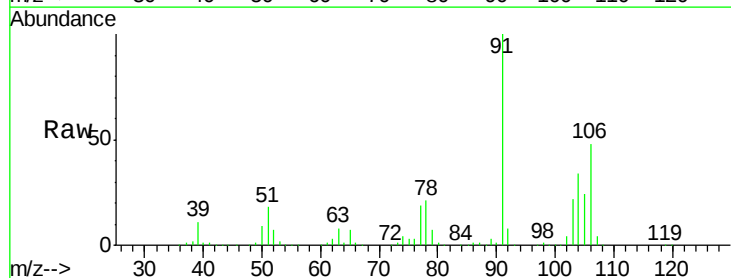
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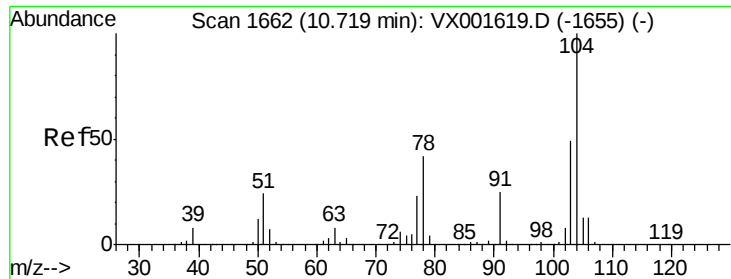
apatel
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#68
o-Xylene
Concen: 20.57 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion:106 Resp: 102199
Ion Ratio Lower Upper
106 100
91 209.7 104.3 312.8





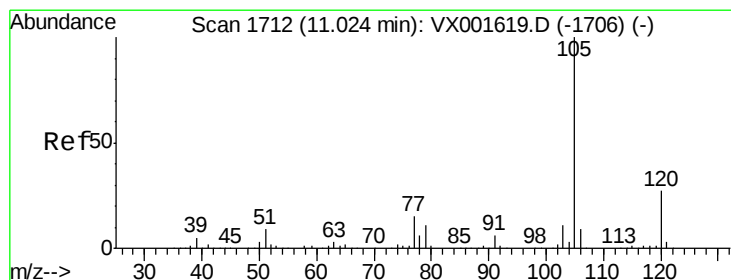
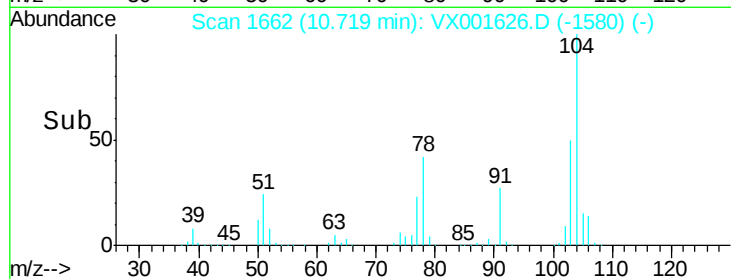
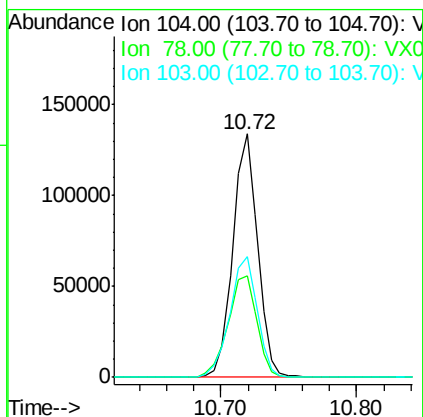
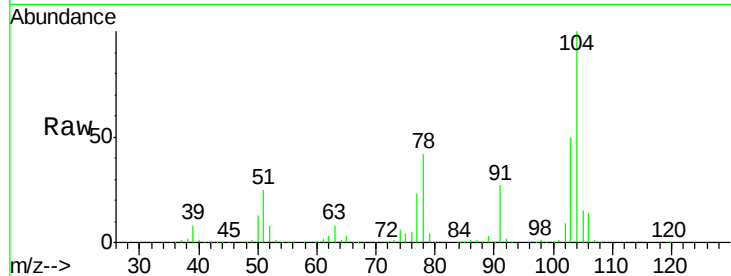
#69
Stvrene
Concen: 20.74 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.3	58.9
103	54.9	43.7	65.5

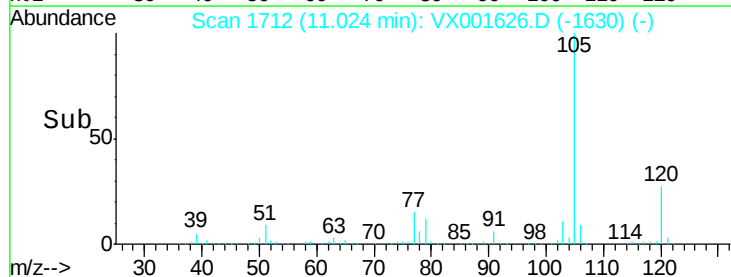
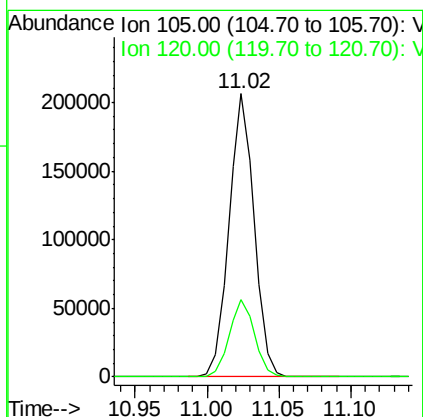
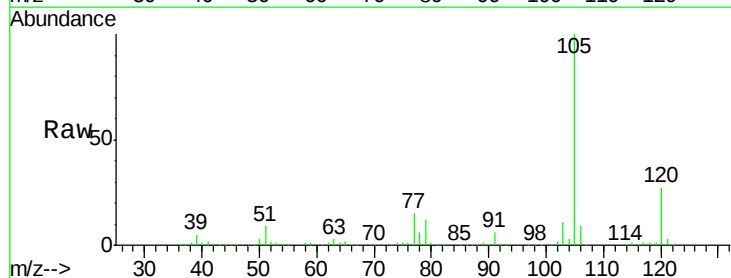
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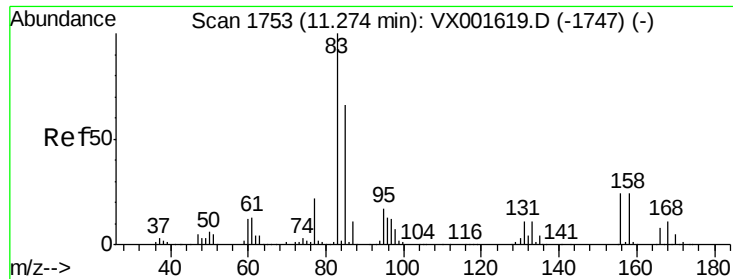
apatel
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#70
Isopropylbenzene
Concen: 19.80 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.1	35.5





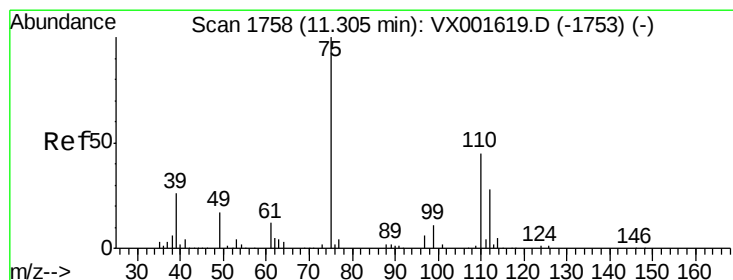
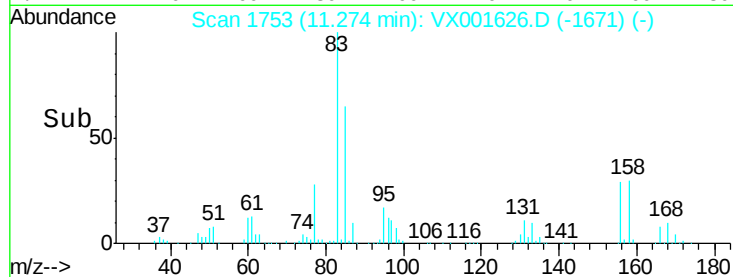
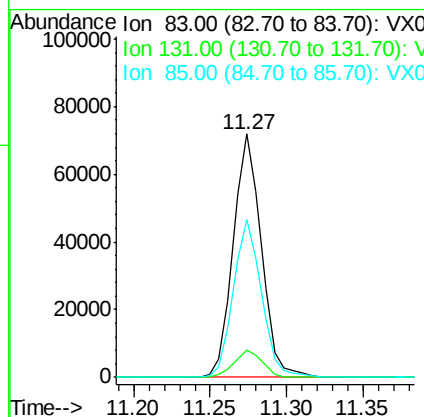
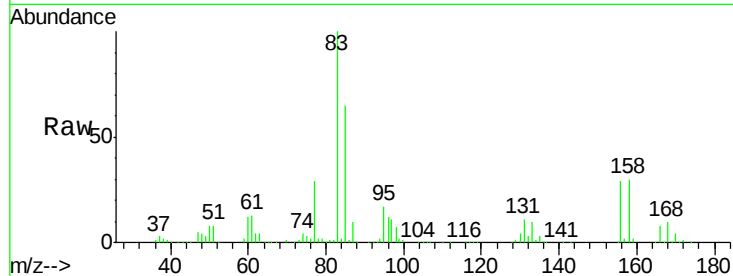
#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.36 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	83	Resp	91693
Ion Ratio	100	Lower	Upper
83	100		
131	11.2	5.8	17.4
85	64.8	32.4	97.2

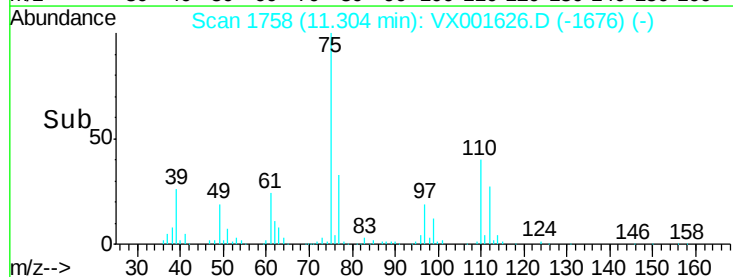
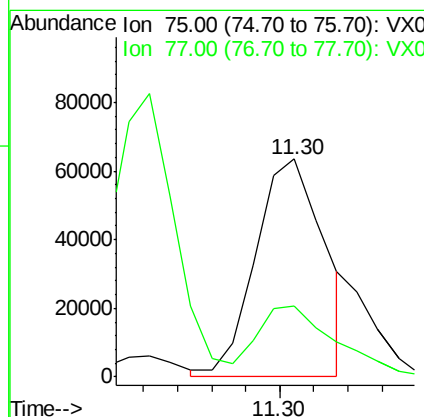
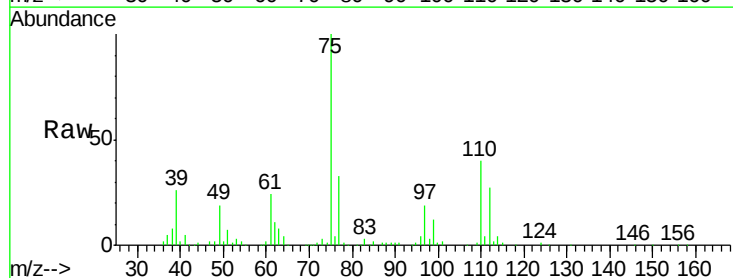
Manual Integrations
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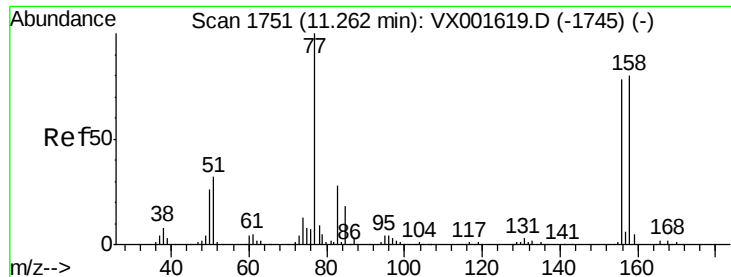
apatel
 5/14/2018 3:57:50 PM



#72
 1,2,3-Trichloropropane
 Concen: 21.41 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion	75	Resp	89070
Ion Ratio	100	Lower	Upper
75	100		
77	36.9	0.0	73.2





#73

Bromobenzene

Concen: 20.90 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion:156 Resp: 81053

Ion Ratio Lower Upper

156 100

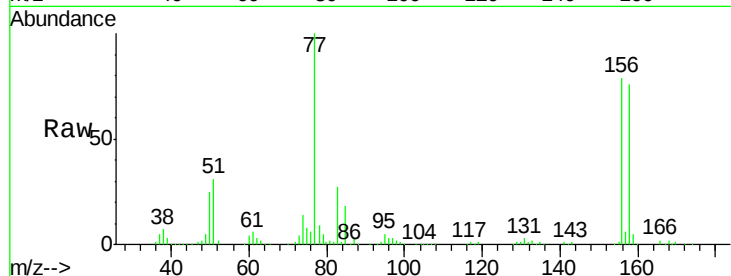
77 132.5 0.0 266.4

158 97.7 0.0 194.4

Manual Integrations
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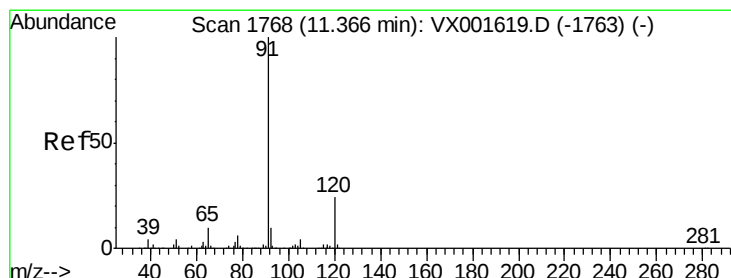
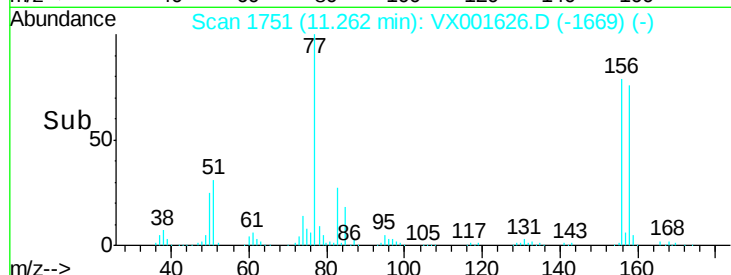
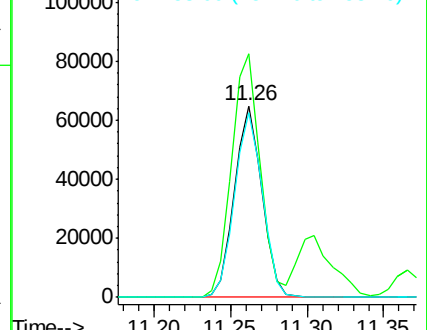
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.42 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX001626.D

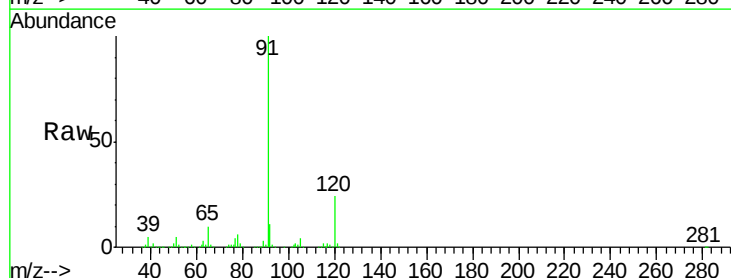
Acq: 11 May 2018 03:02

Tgt Ion: 91 Resp: 273656

Ion Ratio Lower Upper

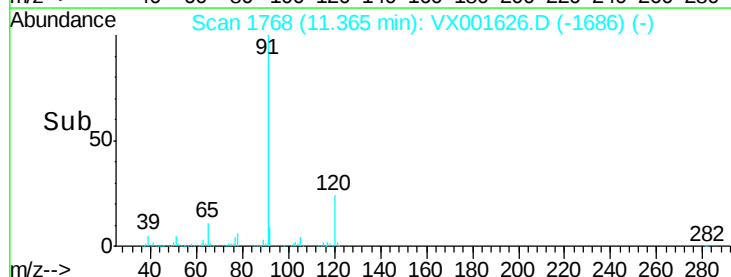
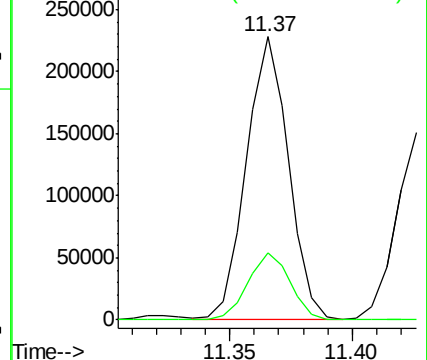
91 100

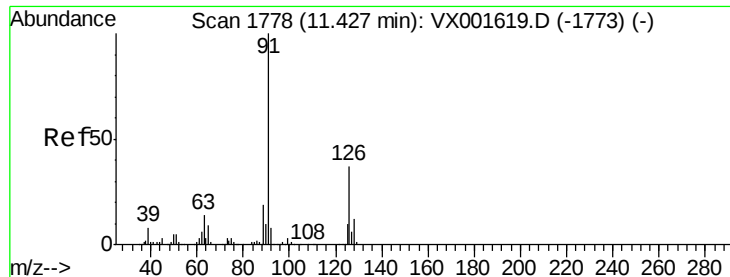
120 23.9 0.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.40 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

ClientSampled :

VX0510WBSD01

Tot Ion: 91 Resp: 180233

Ion Ratio Lower Upper

91 100

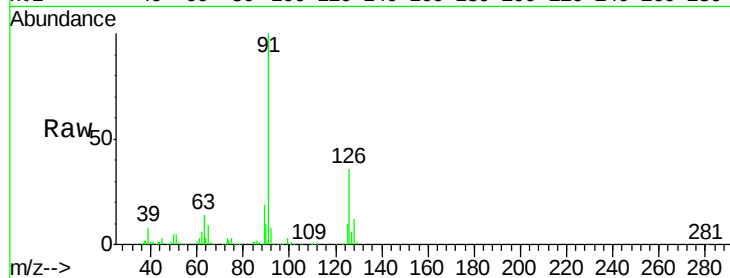
126 36.7 0.0 72.0

Manual Integrations

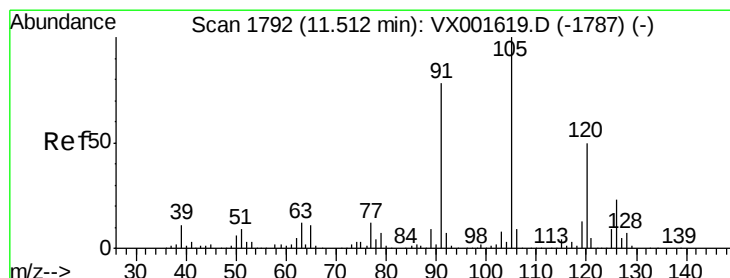
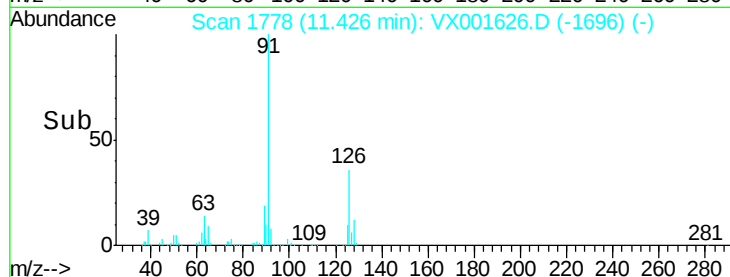
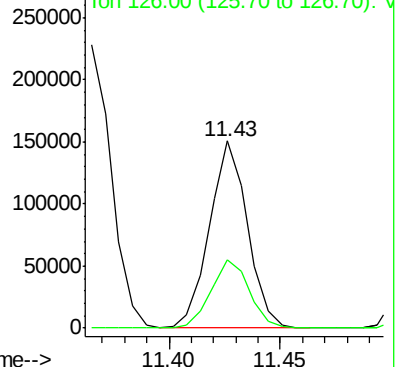
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Abundance Ion 91.00 (90.70 to 91.70): VX001619.D (-1773) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.86 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX001626.D

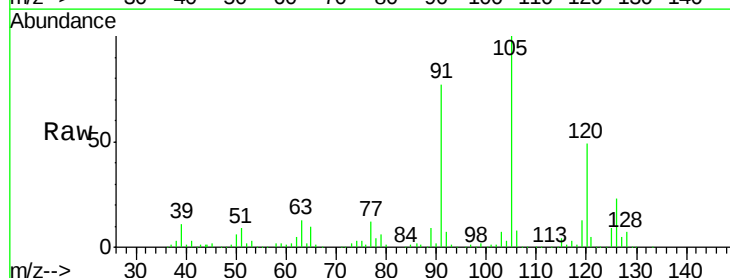
Acq: 11 May 2018 03:02

Tgt Ion: 105 Resp: 213968

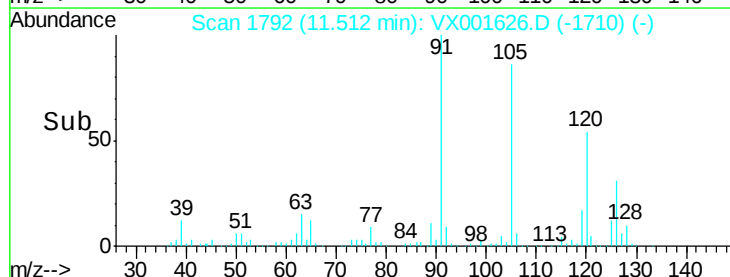
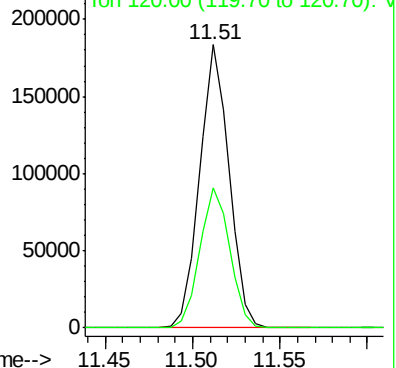
Ion Ratio Lower Upper

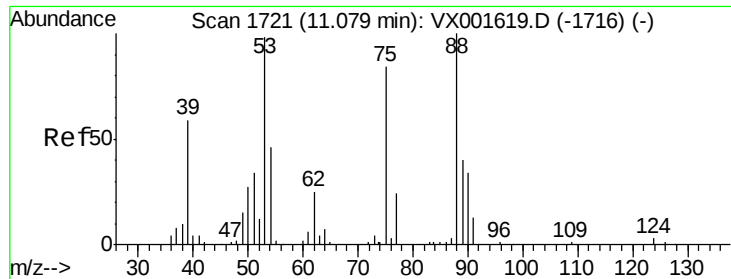
105 100

120 50.8 0.0 101.8



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





#77

t-1,4-Dichloro-2-butene

Concen: 18.37 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

ClientSampleId :

VX0510WBSD01

Tot Ion: 75 Resp: 19647

Ion Ratio Lower Upper

75 100

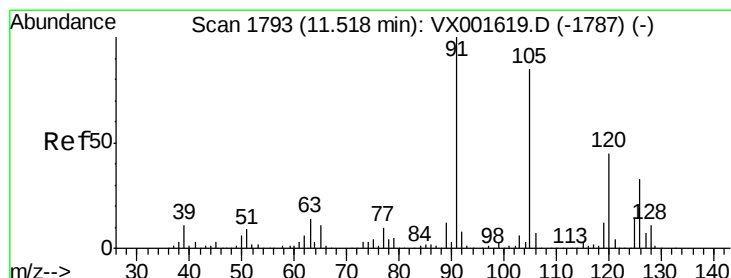
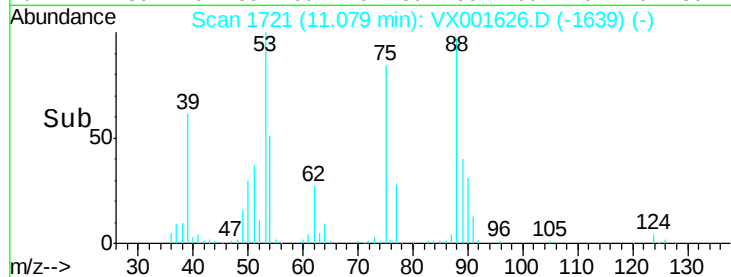
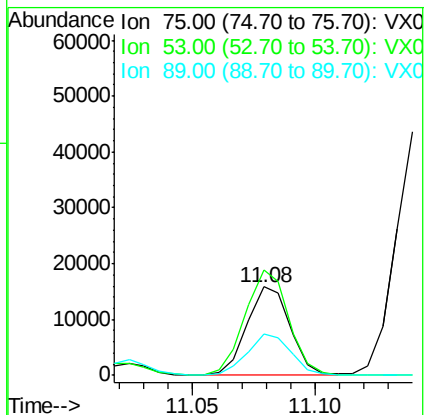
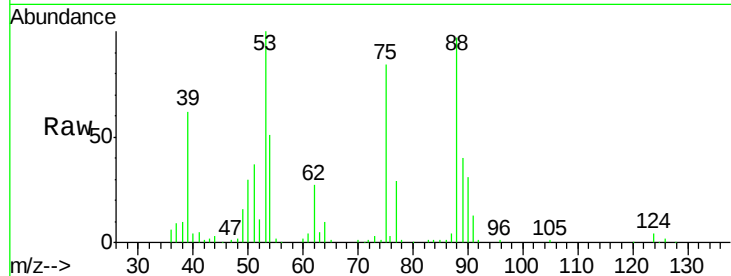
53 119.5 58.3 174.8

89 47.5 23.9 71.8

Manual Integrations
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#78

4-Chlorotoluene

Concen: 20.23 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX001626.D

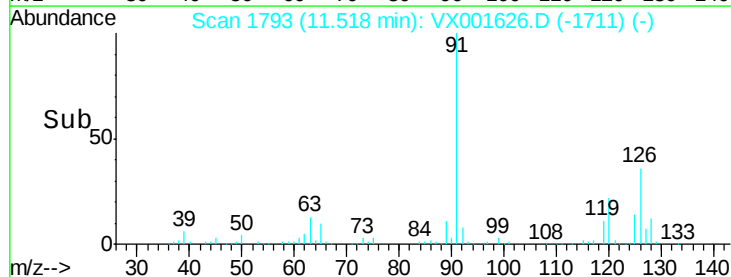
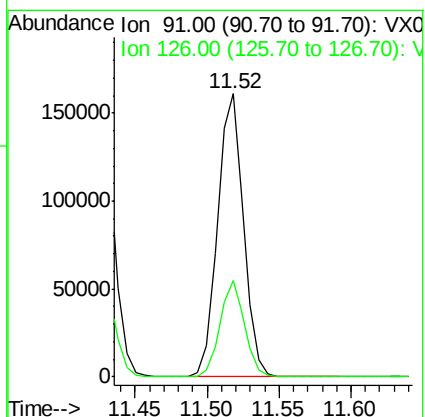
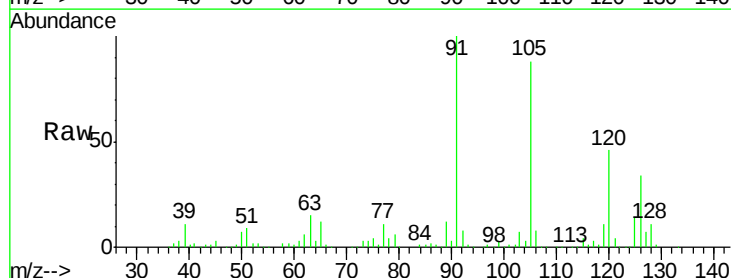
Acq: 11 May 2018 03:02

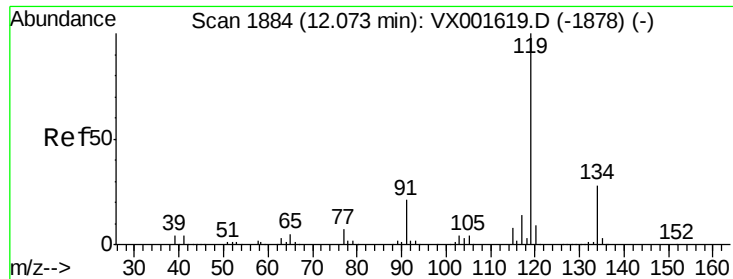
Tgt Ion: 91 Resp: 203251

Ion Ratio Lower Upper

91 100

126 32.5 0.0 64.8





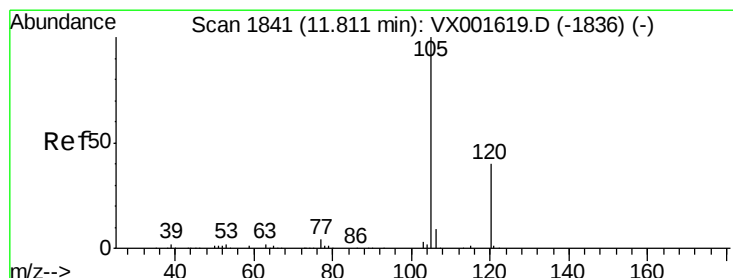
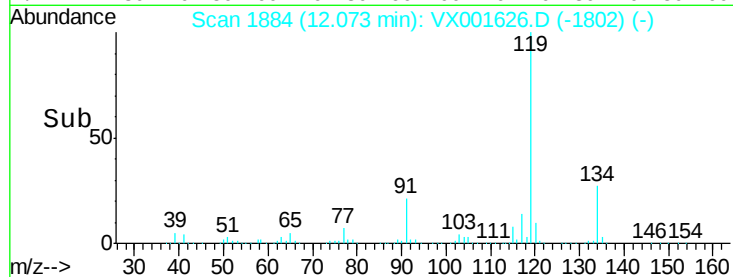
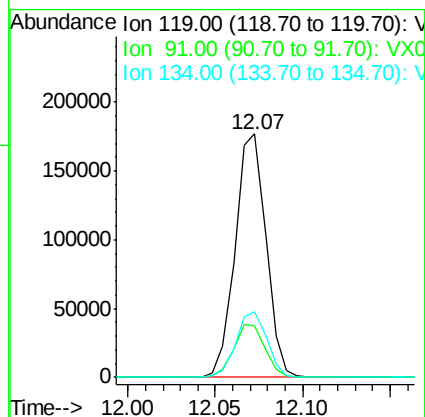
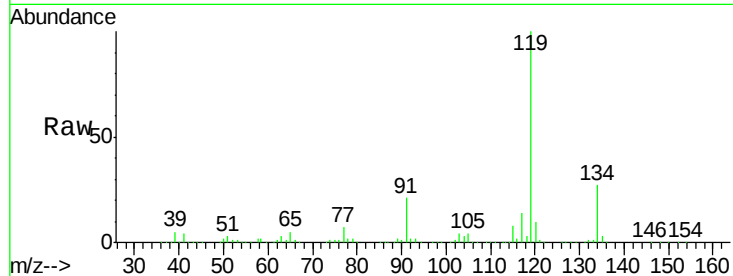
#79
tert-butylbenzene
Concen: 19.13 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	218021		
91	22.0	0.0	44.0	
134	26.5	0.0	53.8	

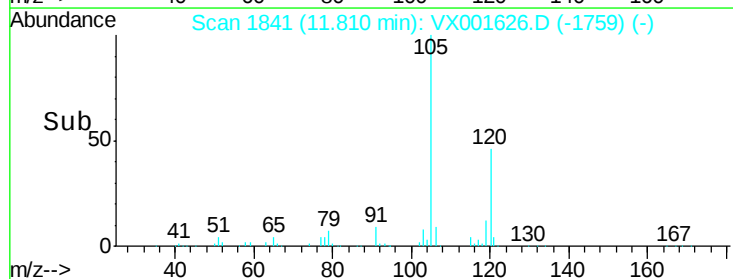
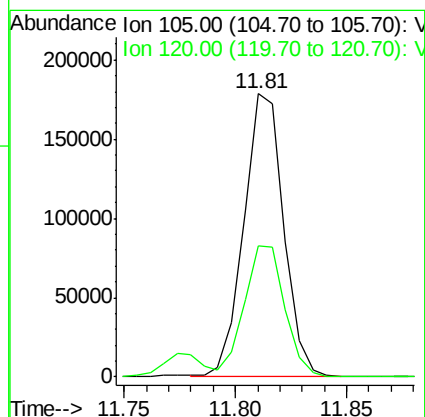
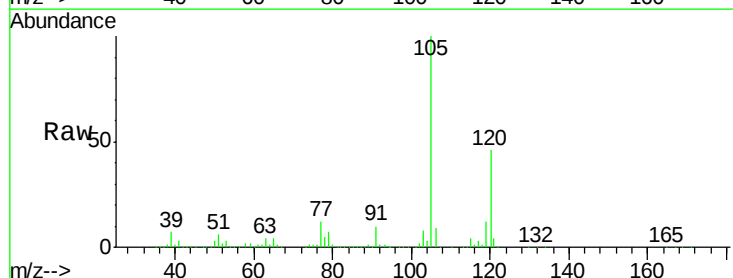
Manual Integrations
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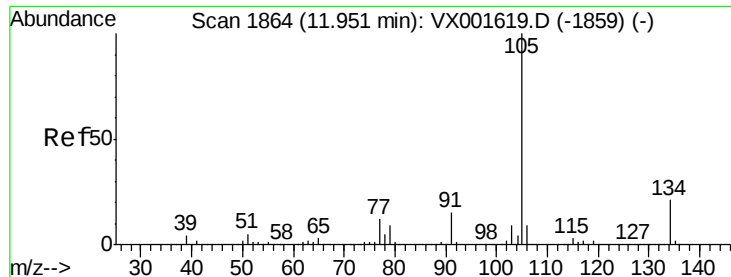
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 20.19 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	222051		
120	46.9	0.0	94.0	





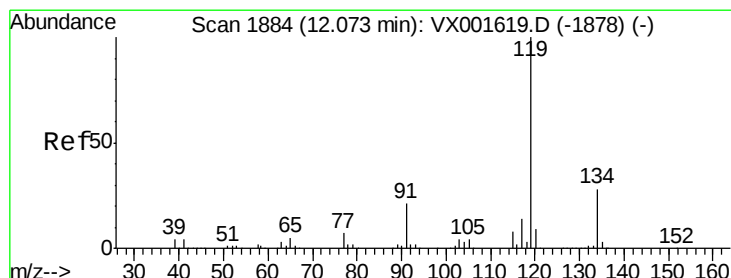
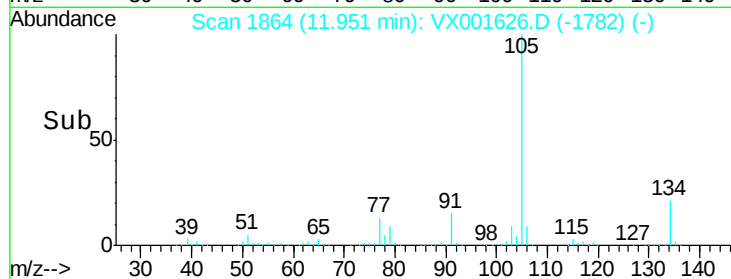
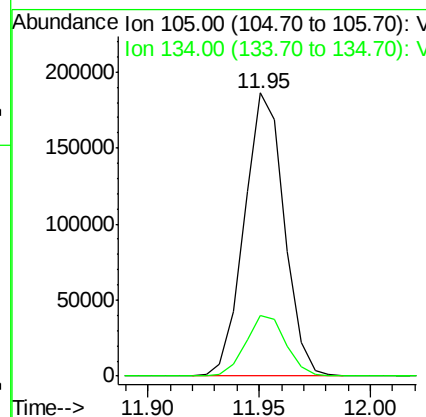
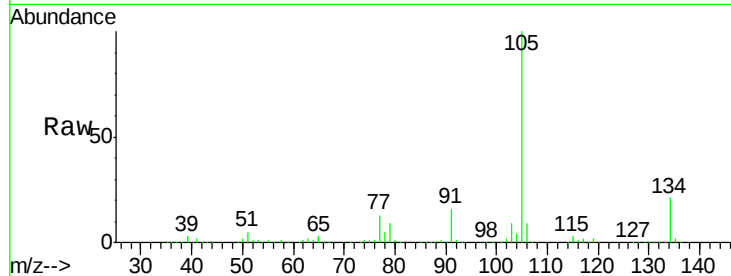
#81
 sec-Butylbenzene
 Concen: 18.62 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.9	0.0	43.4

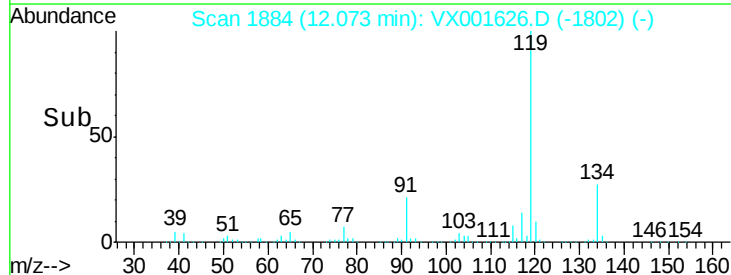
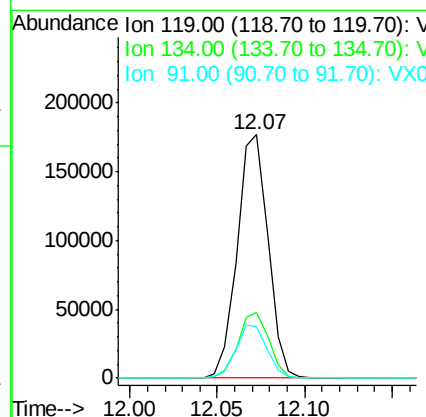
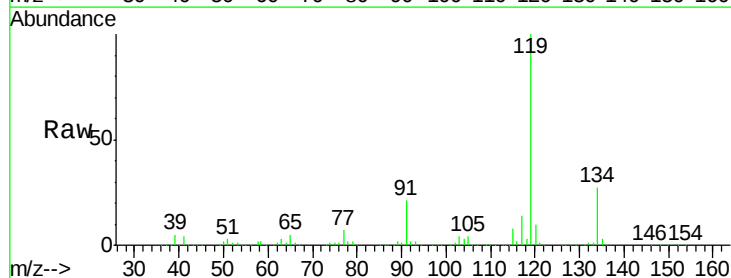
Manual Integrations
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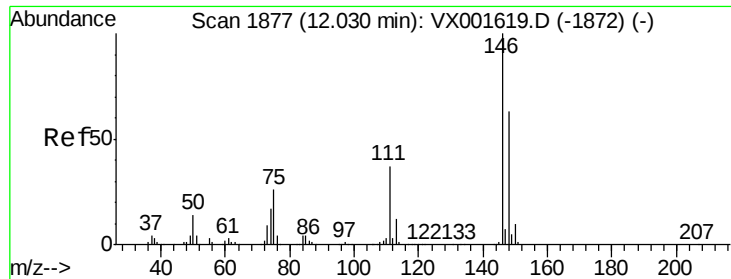
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#82
 p-Isopropyltoluene
 Concen: 19.13 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	0.0	53.8
91	22.0	0.0	44.0





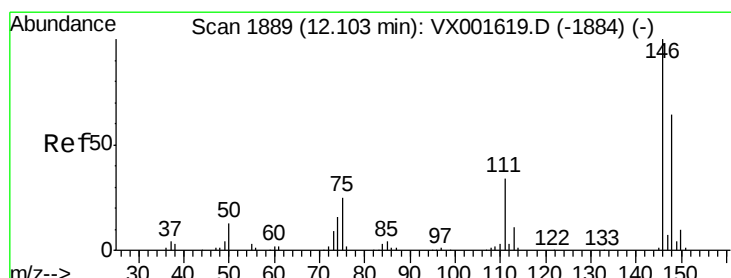
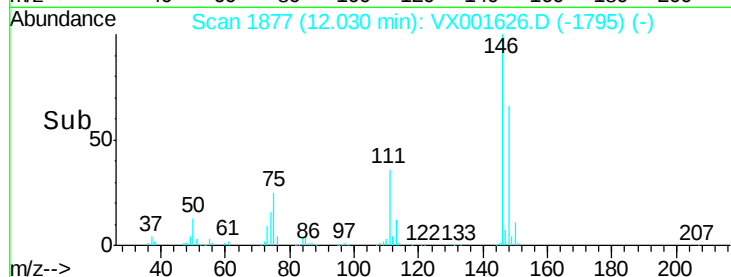
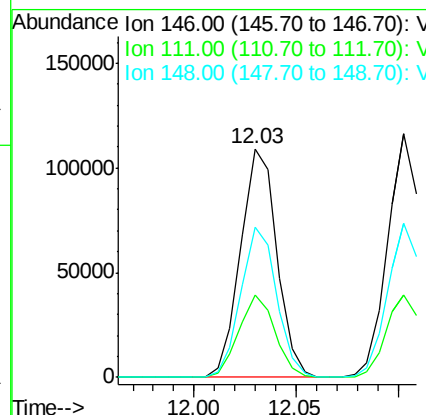
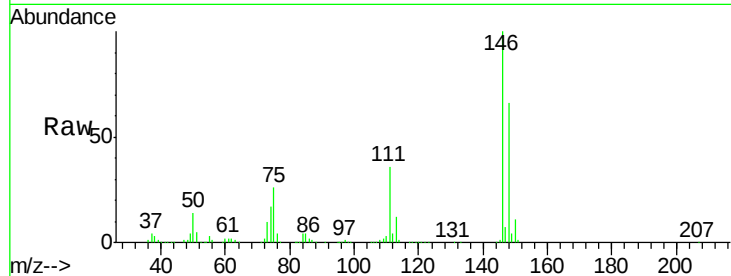
#83
 1,3-Dichlorobenzene
 Concen: 20.03 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.1
148	64.5	32.2	96.6

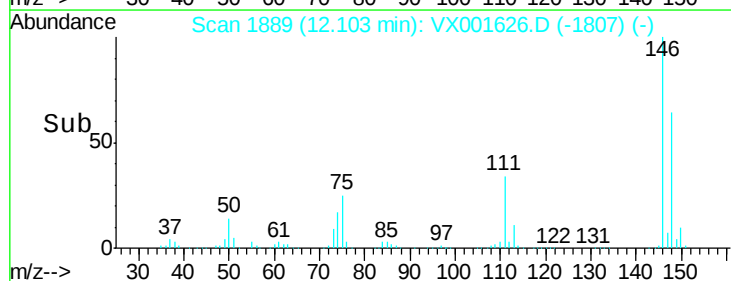
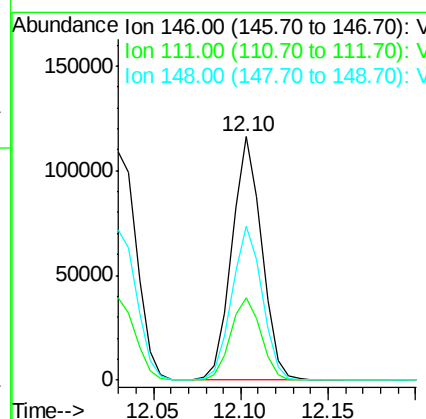
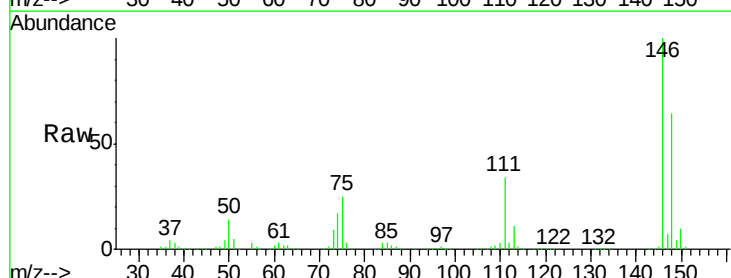
Manual Integrations
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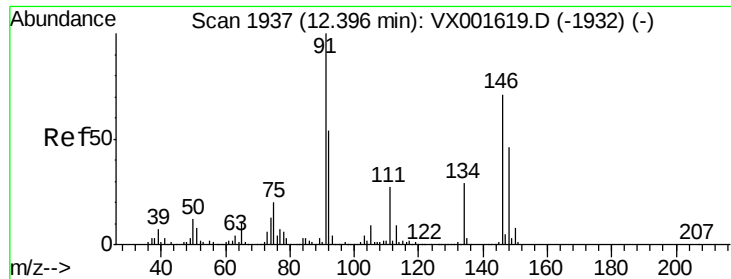
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#84
 1,4-Dichlorobenzene
 Concen: 20.29 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.2	17.4	52.3
148	64.2	32.5	97.4





#85

n-Butylbenzene

Concen: 17.77 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Instrument :

MSVOA_X

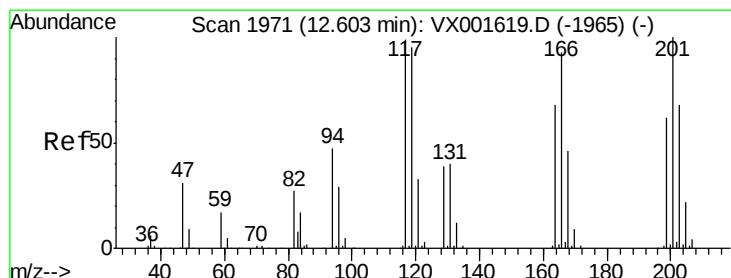
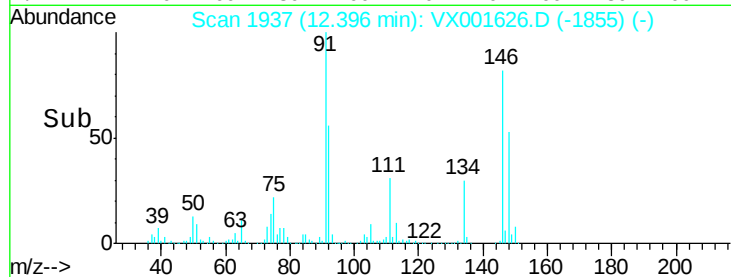
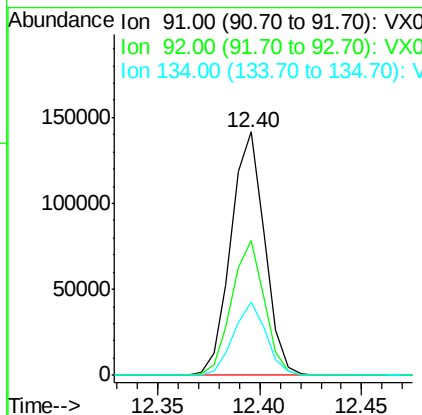
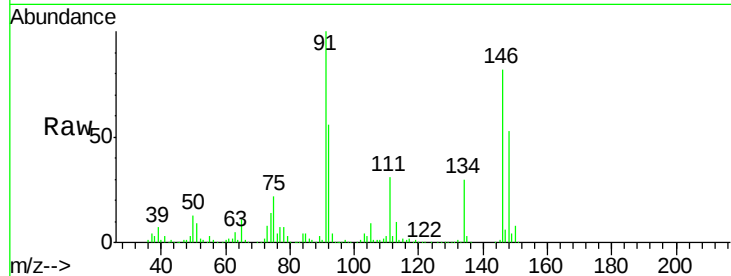
ClientSampleId :

VX0510WBSD01

Tot Ion:	91	Resp:	161064
Ion	Ratio	Lower	Upper
91	100		
92	54.4	0.0	107.8
134	29.3	0.0	56.8

Manual Integrations
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#86

Hexachloroethane

Concen: 18.17 ug/l

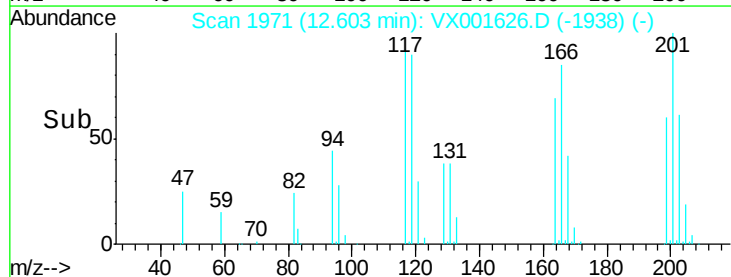
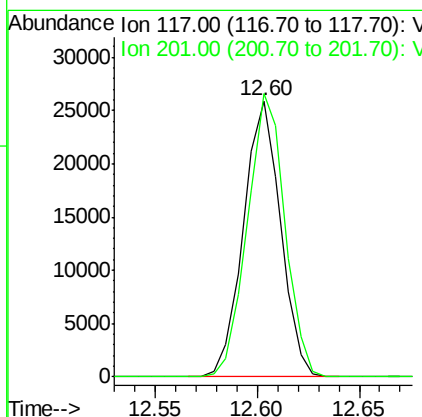
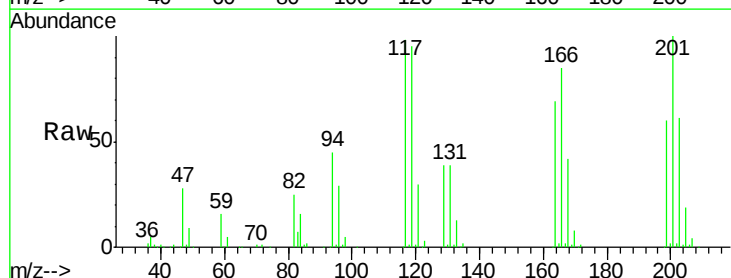
RT: 12.60 min Scan# 1971

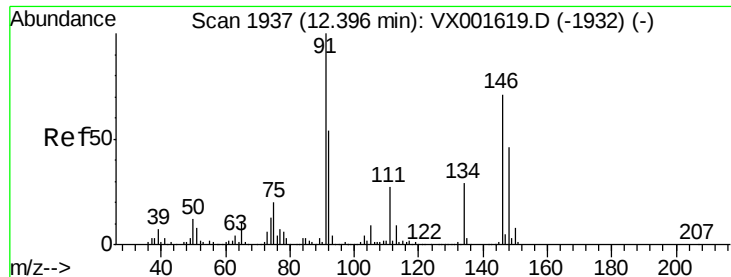
Delta R.T. -0.00 min

Lab File: VX001626.D

Acq: 11 May 2018 03:02

Tgt Ion:	117	Resp:	32853
Ion	Ratio	Lower	Upper
117	100		
201	103.5	50.1	150.3





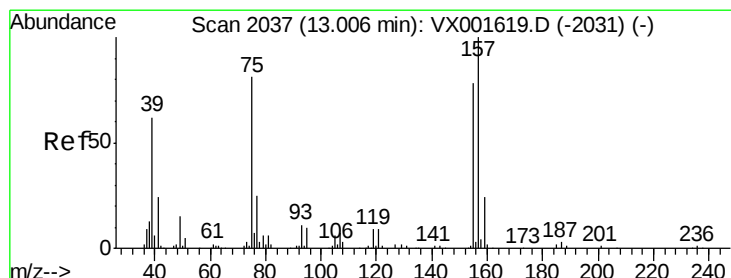
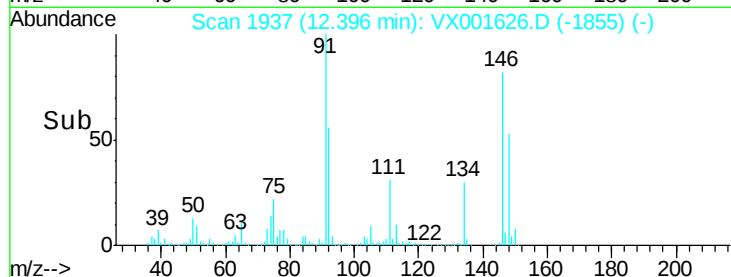
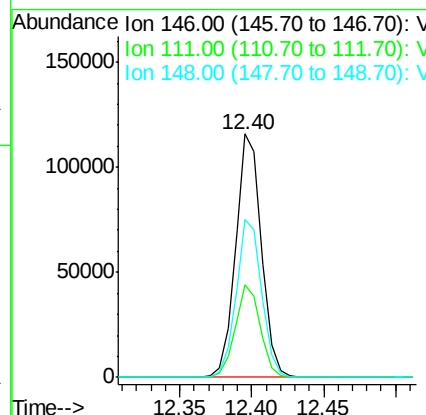
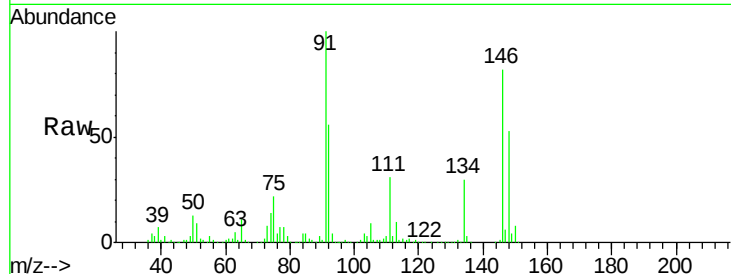
#87
 1,2-Dichlorobenzene
 Concen: 20.64 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	64.4	32.1	96.5

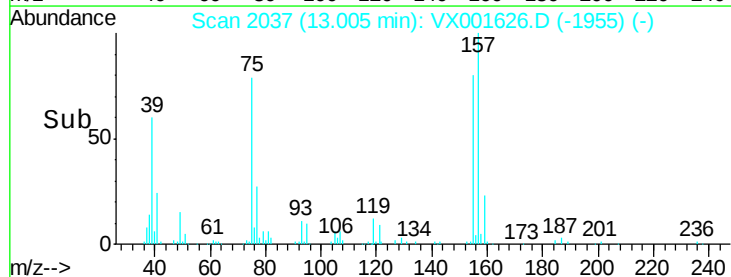
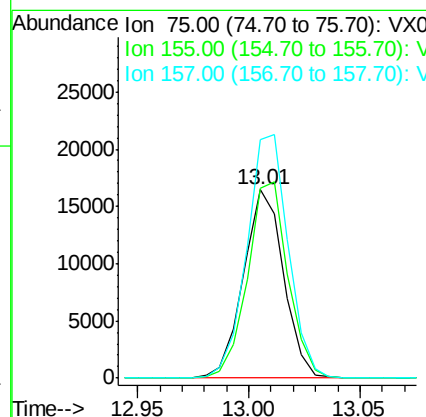
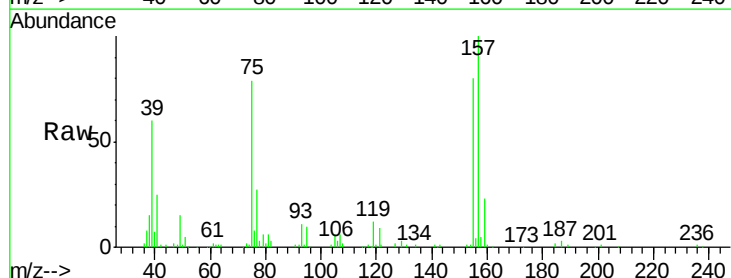
Manual Integrations
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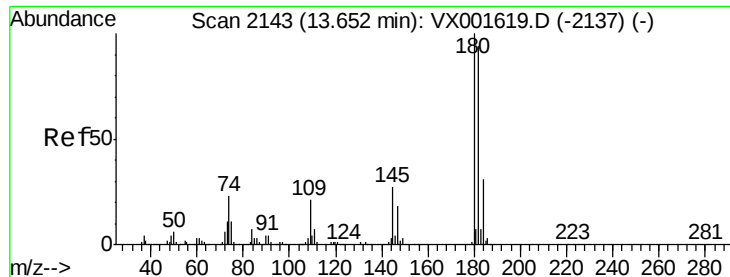
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.80 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.9	79.8	119.8
157	132.9	105.4	158.2





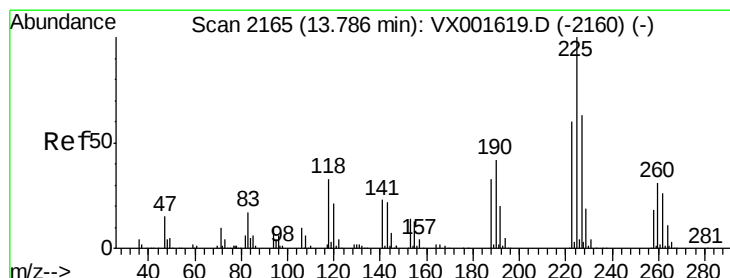
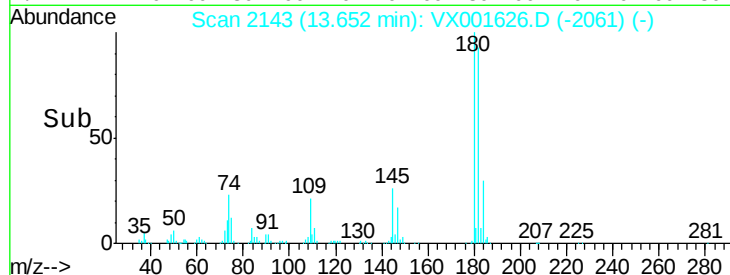
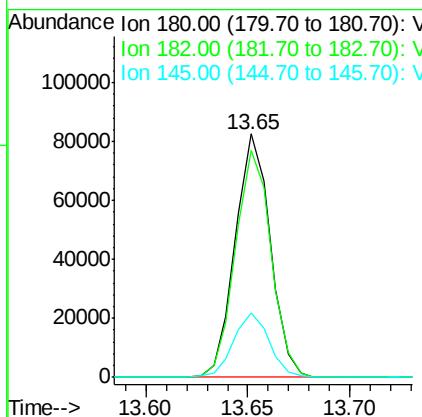
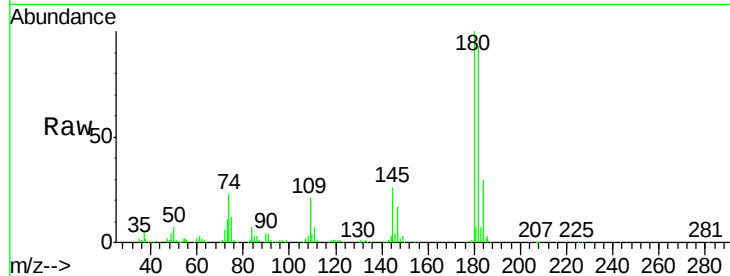
#89
 1,2,4-Trichlorobenzene
 Concen: 19.75 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0510WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	98379		
182	94.7	76.6	115.0	
145	26.8	21.5	32.3	

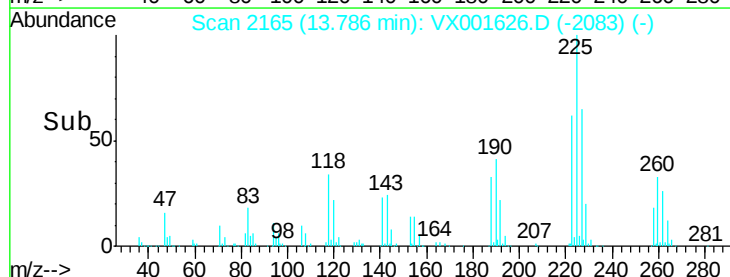
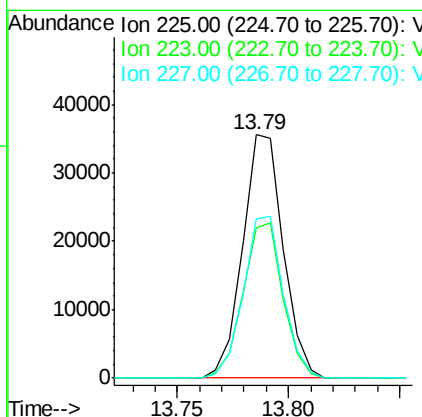
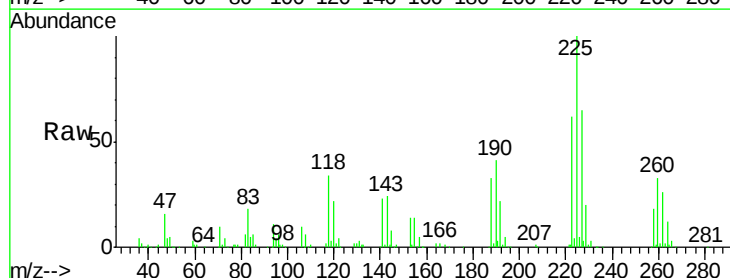
Manual Integrations
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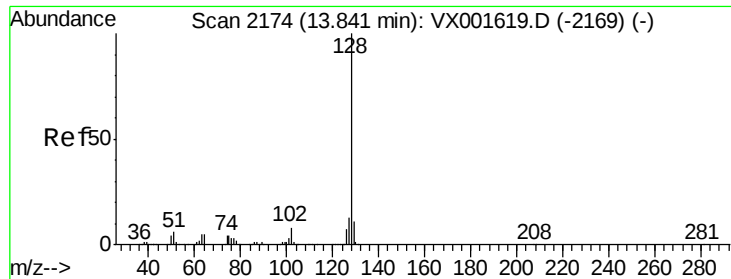
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#90
 Hexachlorobutadiene
 Concen: 17.80 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX001626.D
 Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45380		
223	62.8	0.0	120.2	
227	65.3	0.0	126.6	





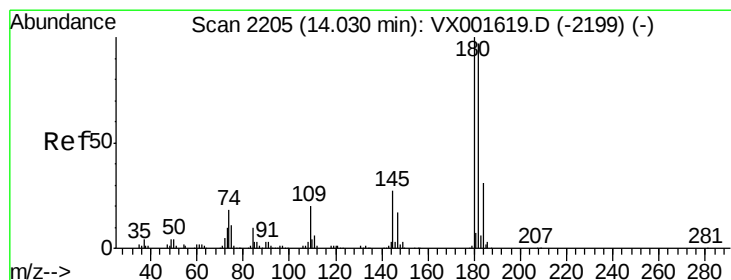
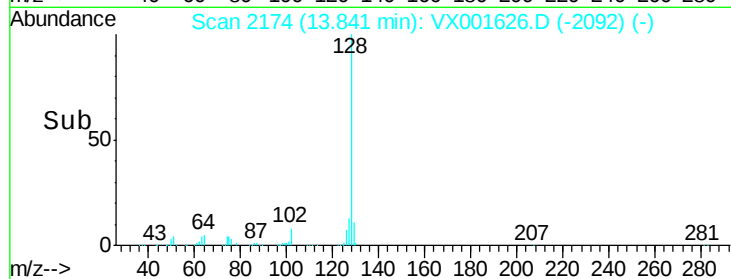
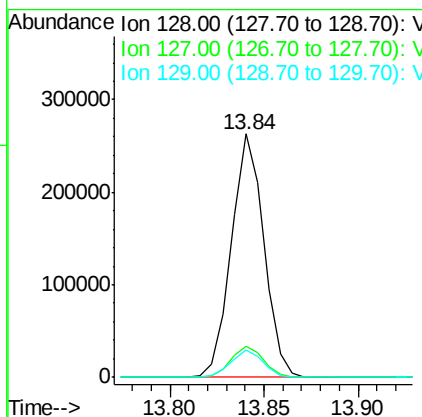
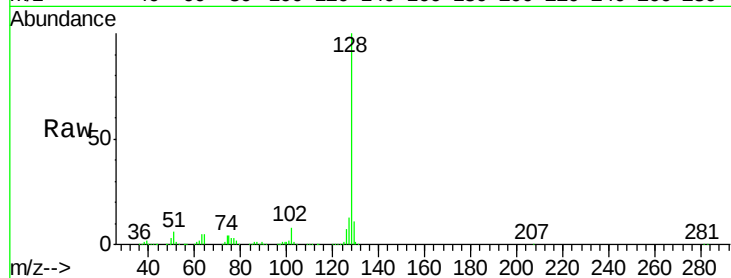
#91
Naphthalene
Concen: 21.06 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Instrument :
MSVOA_X
ClientSampleId :
VX0510WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	314233		
127	13.1	10.3	15.5	
129	11.1	8.8	13.2	

Manual Integrations
APPROVED

apatel
5/14/2018 3:57:50 PM



#92
1,2,3-Trichlorobenzene
Concen: 20.51 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.01 min
Lab File: VX001626.D
Acq: 11 May 2018 03:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	108058		
182	94.8	0.0	192.2	
145	28.4	0.0	56.0	

