

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001619.D
 Acq On : 10 May 2018 23:29
 Operator : JC/MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

apatel
 5/14/2018 3:57:28 PM

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	54186	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.87	114	274955	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	250743	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.08	65	121099	30.87	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.90%
60) 4-Bromofluorobenzene	11.14	95	119529	28.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	95.40%
63) Toluene-d8	8.72	98	338460	31.16	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.87%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.20	85	61853	18.23	ug/l	100
3) Chloromethane	1.32	50	65143	20.03	ug/l	100
4) Vinyl Chloride	1.40	62	68435	20.04	ug/l	100
5) Bromomethane	1.64	94	41007	16.41	ug/l	100
6) Chloroethane	1.73	64	45303	21.19	ug/l	100
7) Trichlorofluoromethane	1.93	101	98363	17.72	ug/l	100
8) Diethyl Ether	2.19	74	41459	20.62	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55511	17.55	ug/l	100
10) 1,1-Dichloroethene	2.37	96	54662	18.75	ug/l	100
11) Methyl Iodide	2.51	142	74230	20.12	ug/l	100
12) Methyl Acetate	2.78	43	92373	22.97	ug/l	100
13) Acrolein	2.30	56	48477	103.90	ug/l	100
14) Acrylonitrile	3.15	53	183529	114.57	ug/l	100
15) Acetone	2.45	58	49438	102.66	ug/l	100
16) Carbon Disulfide	2.57	76	130596	17.12	ug/l	100
17) Allyl chloride	2.73	41	103349	19.80	ug/l	100
18) Methylene Chloride	2.86	84	64059	19.98	ug/l	100
19) trans-1,2-Dichloroethene	3.17	96	58962	18.79	ug/l	100
20) Diisopropyl ether	3.88	45	188622	18.54	ug/l	100
21) 1,1-Dichloroethane	3.70	63	111744	20.32	ug/l	100
22) cis-1,2-Dichloroethene	4.60	96	65421	18.74	ug/l	100
23) tert-Butyl Alcohol	3.08	59	80715	120.92	ug/l	100
24) Methyl tert-Butyl Ether	3.21	73	197783	19.64	ug/l	100
25) Chloroform	5.22	83	113684	19.05	ug/l	100
26) Cyclohexane	5.58	56	81670	16.83	ug/l #	100
29) 1,1-Dichloropropene	5.81	75	75189	18.70	ug/l	100
30) 2-Butanone	4.72	43	246258	114.26	ug/l	100
31) 2,2-Dichloropropane	4.59	77	64245	15.32	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	96210	19.64	ug/l	100
33) Carbon Tetrachloride	5.79	117	83788	18.96	ug/l	100
34) Benzene	6.15	78	239692	19.95	ug/l	100
35) Methacrylonitrile	5.07	41	52894	22.19	ug/l	100
36) 1,2-Dichloroethane	6.21	62	95963	20.60	ug/l	100
37) Trichloroethene	7.22	130	71076	19.56	ug/l	100
38) Methylcyclohexane	7.46	83	80456	17.30	ug/l	100
39) 1,2-Dichloropropane	7.52	63	59528	19.55	ug/l	100
40) Dibromomethane	7.67	93	43137	20.06	ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.91	83	79312	19.54	ug/l	100
42) Vinyl Acetate	3.83	43	801568	98.29	ug/l	100
43) Ethyl Acetate	4.87	43	93356	22.41	ug/l	100
44) Isopropyl Acetate	6.48	43	138519	20.08	ug/l	100
45) 1,4-Dioxane	7.76	88	33030	492.27	ug/l	100
46) Methyl methacrylate	7.79	41	75934	20.96	ug/l	100
47) n-amyl Acetate	10.91	43	118096	18.15	ug/l	100
48) t-1,3-Dichloropropene	8.44	75	86358	18.27	ug/l	100
49) cis-1,3-Dichloropropene	9.05	75	74956	16.82	ug/l	100
50) 1,1,2-Trichloroethane	9.22	97	64836	20.28	ug/l	100
51) Ethyl methacrylate	9.19	69	87500	19.24	ug/l	100
52) 1,3-Dichloropropane	9.38	76	105482	20.36	ug/l	100
53) Dibromochloromethane	9.59	129	63905	18.28	ug/l	100
54) 1,2-Dibromoethane	9.68	107	68395	19.93	ug/l	100
55) 2-Chloroethyl vinyl ether	8.32	63	241737	106.69	ug/l	100
56) Bromoform	10.87	173	49937	17.42	ug/l	100
58) 4-Methyl-2-Pentanone	8.66	43	487325	113.48	ug/l	100
59) 2-Hexanone	9.51	43	363946	109.50	ug/l	100
61) Tetrachloroethene	9.34	164	80395	21.01	ug/l	100
62) Toluene	8.79	91	260892	19.50	ug/l	100
64) Chlorobenzene	10.15	112	173256	19.23	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.23	131	64285	19.54	ug/l	100
66) Ethyl Benzene	10.26	91	271237	18.39	ug/l	100
67) m/p-Xylenes	10.37	106	218849	37.13	ug/l	100
68) o-Xylene	10.71	106	106518	18.72	ug/l	100
69) Styrene	10.72	104	175524	18.53	ug/l	100
70) Isopropylbenzene	11.02	105	281191	18.29	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.27	83	91123	19.75	ug/l	100
72) 1,2,3-Trichloropropane	11.30	75	89570m	21.53	ug/l	100
73) Bromobenzene	11.26	156	82678	18.41	ug/l	100
74) n-propylbenzene	11.37	91	309311	17.85	ug/l	100
75) 2-Chlorotoluene	11.43	91	193544	18.37	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	235421	17.97	ug/l	100
77) t-1,4-Dichloro-2-butene	11.08	75	20798	16.97	ug/l	100
78) 4-Chlorotoluene	11.52	91	218313	17.55	ug/l	100
79) tert-butylbenzene	12.07	119	249603	17.83	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	241647	18.17	ug/l	100
81) sec-Butylbenzene	11.95	105	272536	17.94	ug/l	100
82) p-Isopropyltoluene	12.07	119	249603	17.83	ug/l	100
83) 1,3-Dichlorobenzene	12.03	146	144348	17.75	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	144778	17.53	ug/l	100
85) n-Butylbenzene	12.40	91	190670	15.96	ug/l	100
86) Hexachloroethane	12.60	117	37514	17.41	ug/l	100
87) 1,2-Dichlorobenzene	12.40	146	149495	18.36	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	13.01	75	20661	21.00	ug/l	100
89) 1,2,4-Trichlorobenzene	13.65	180	102711	16.91	ug/l	100
90) Hexachlorobutadiene	13.79	225	55091	18.91	ug/l	100
91) Naphthalene	13.84	128	312230	19.31	ug/l	100
92) 1,2,3-Trichlorobenzene	14.03	180	110538	18.16	ug/l	100

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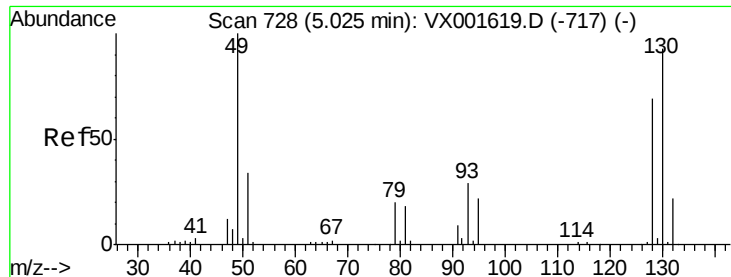
Manual Integrations
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Quant Time: May 11 07:06:11 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = 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: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

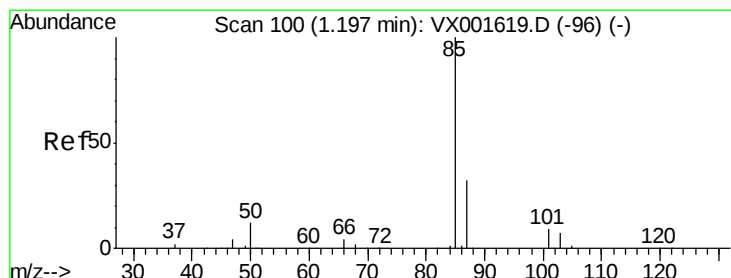
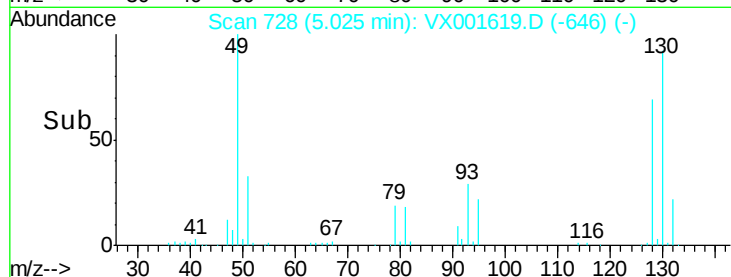
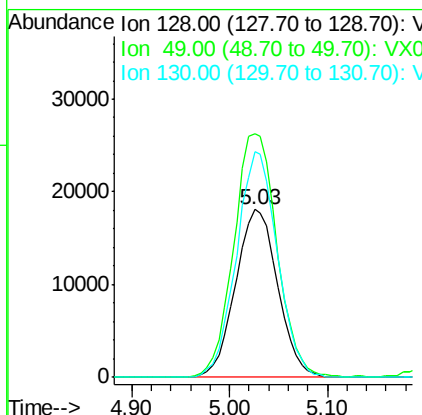
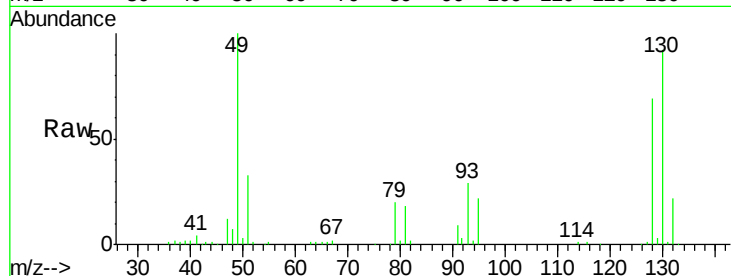
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	148.8	0.0	372.0
130	130.6	0.0	326.5

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#2

Dichlorodifluoromethane

Concen: 18.23 ug/l

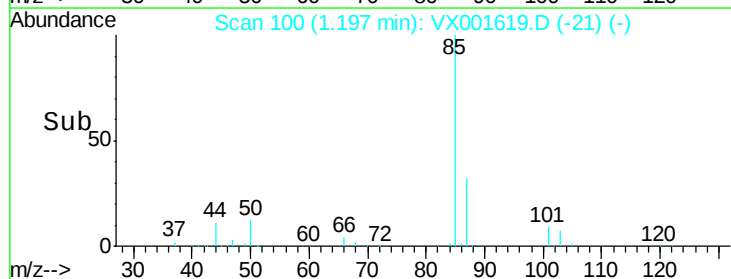
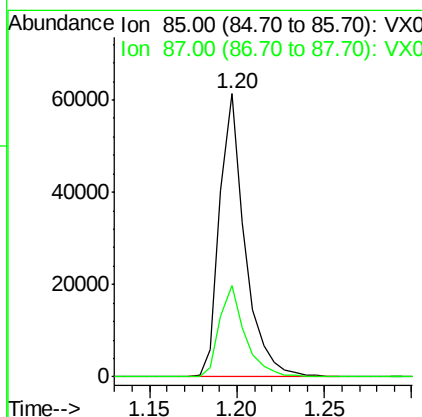
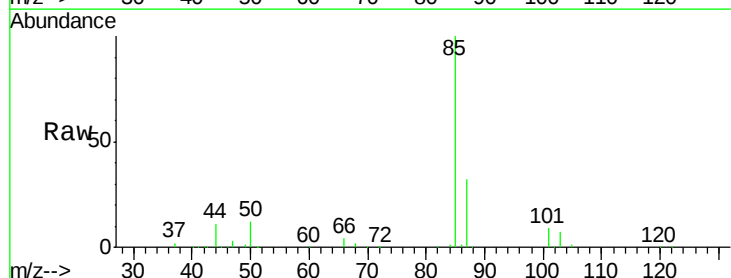
RT: 1.20 min Scan# 100

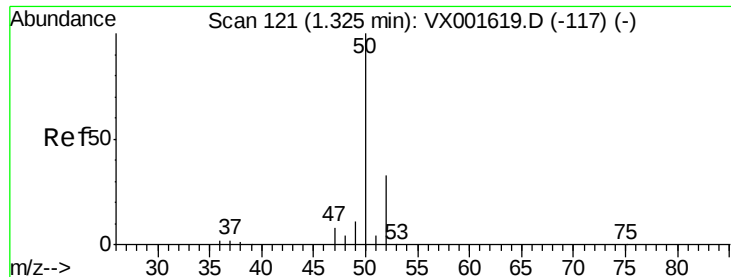
Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.3	48.8





#3

Chloromethane

Concen: 20.03 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 65143

Ion Ratio Lower Upper

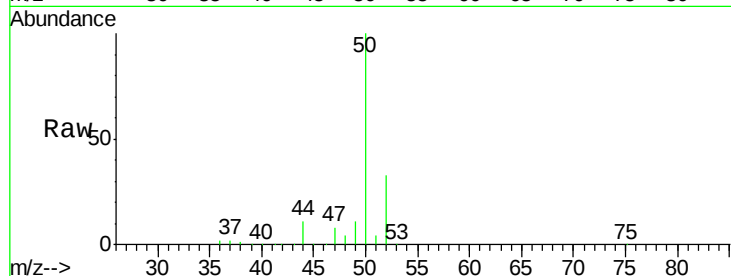
50 100

52 33.0 26.4 39.6

Manual Integrations
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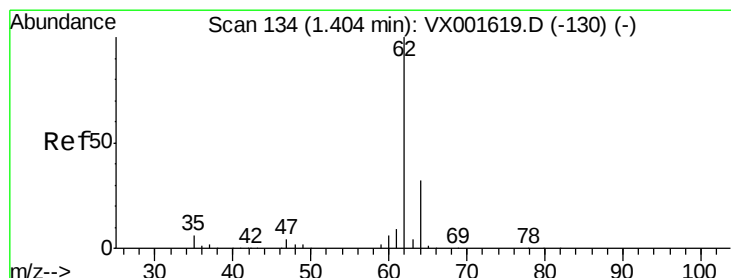
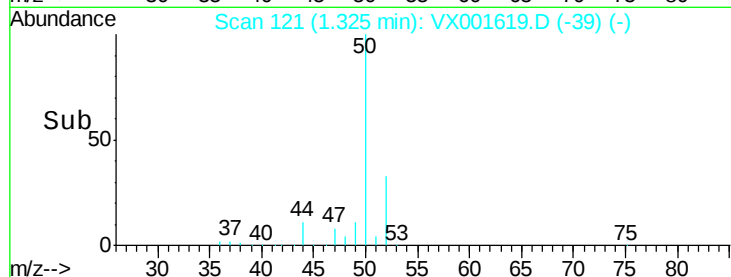
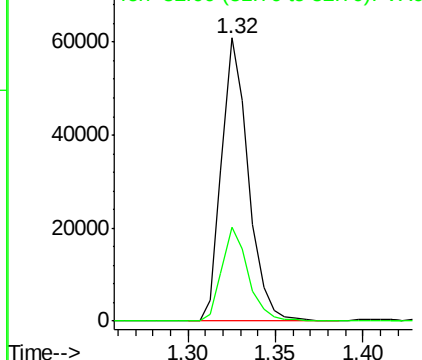
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 20.04 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001619.D

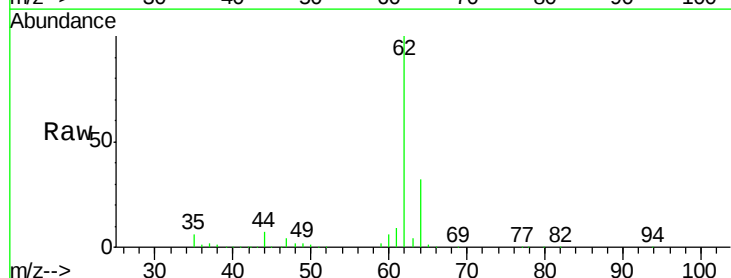
Acq: 10 May 2018 23:29

Tgt Ion: 62 Resp: 68435

Ion Ratio Lower Upper

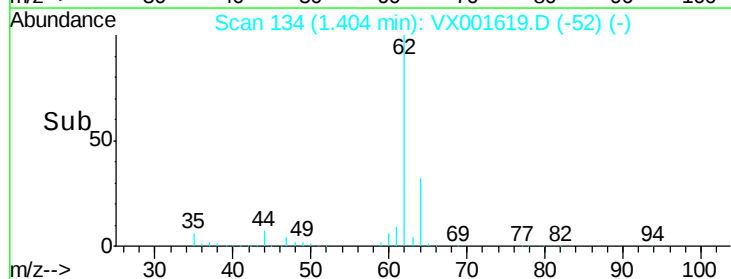
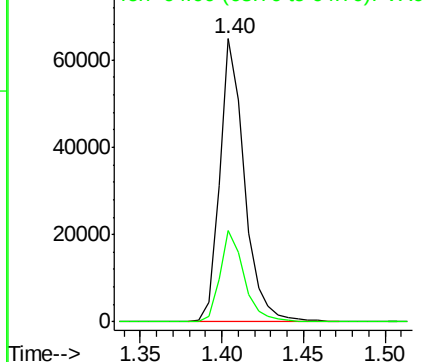
62 100

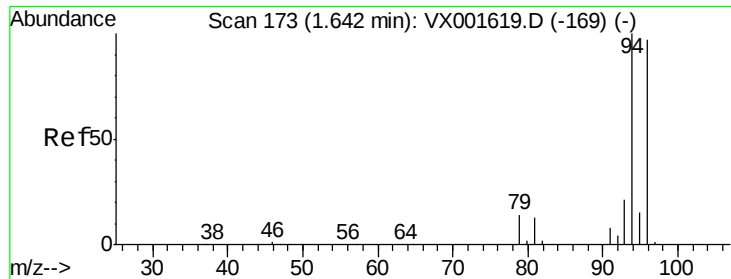
64 32.4 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 16.41 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 41007

Ion Ratio Lower Upper

94 100

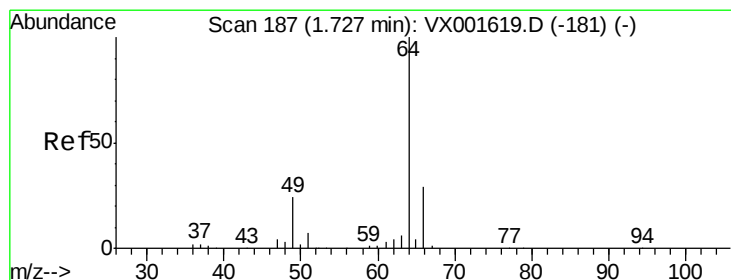
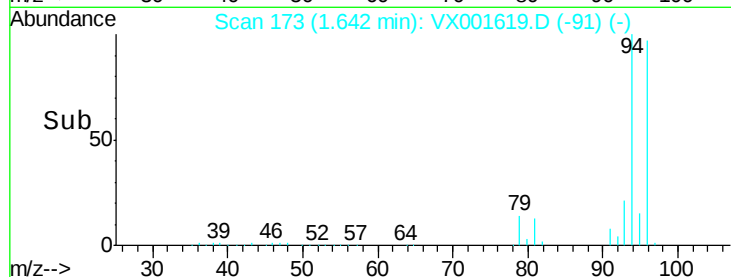
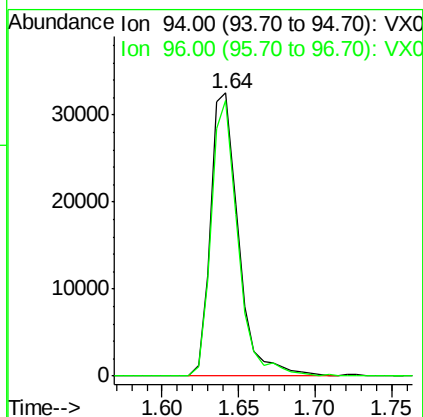
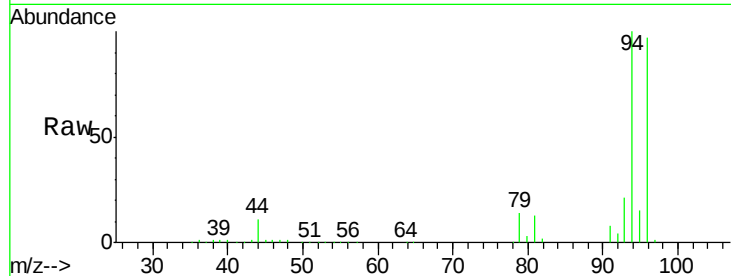
96 97.3 77.8 116.8

Manual Integrations

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#6

Chloroethane

Concen: 21.19 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001619.D

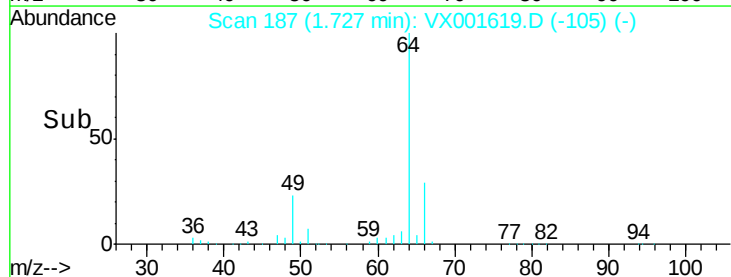
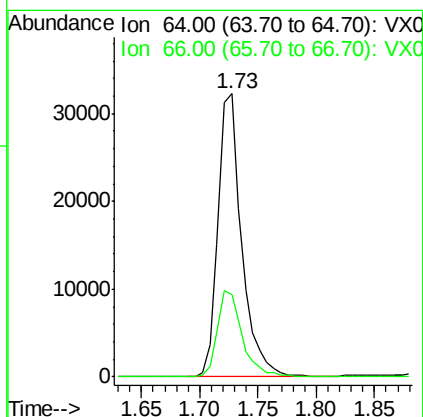
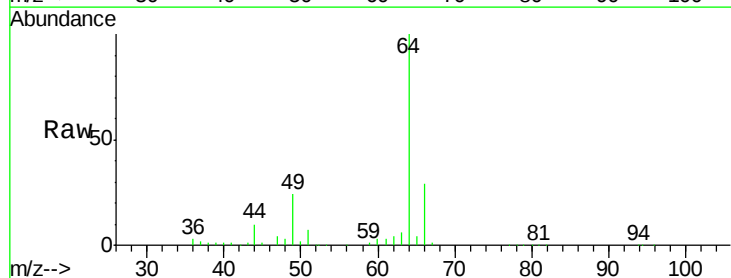
Acq: 10 May 2018 23:29

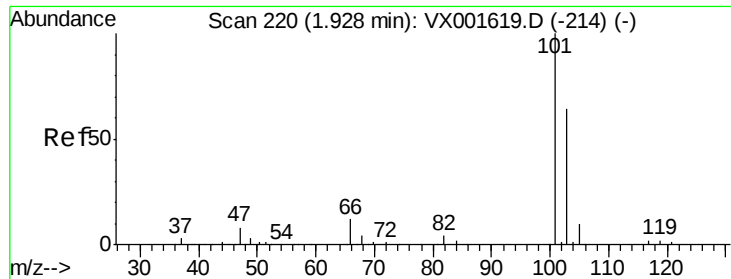
Tgt Ion: 64 Resp: 45303

Ion Ratio Lower Upper

64 100

66 29.3 23.4 35.2





#7

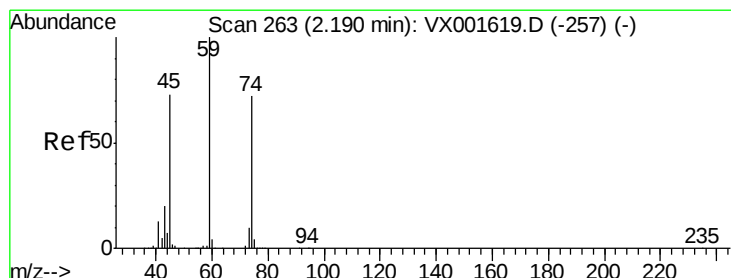
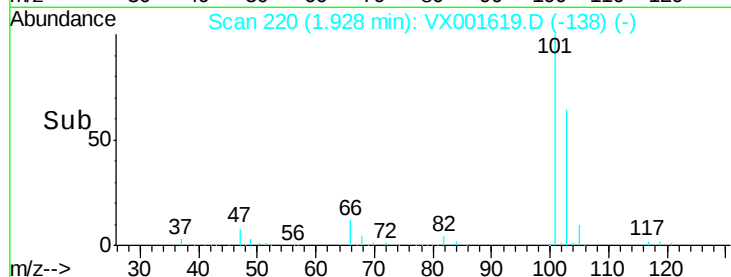
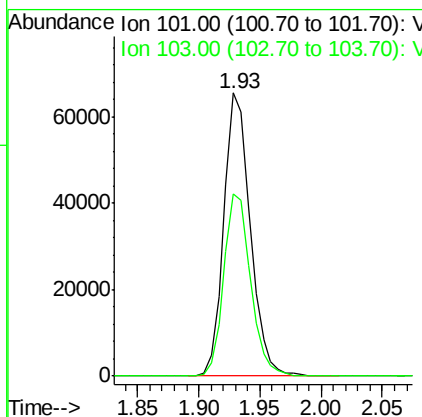
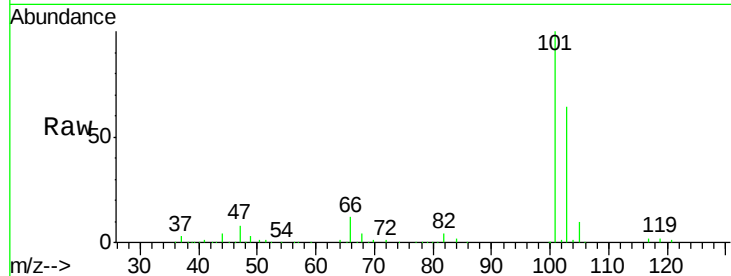
Trichlorofluoromethane
 Concen: 17.72 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:101 Resp: 98363
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0

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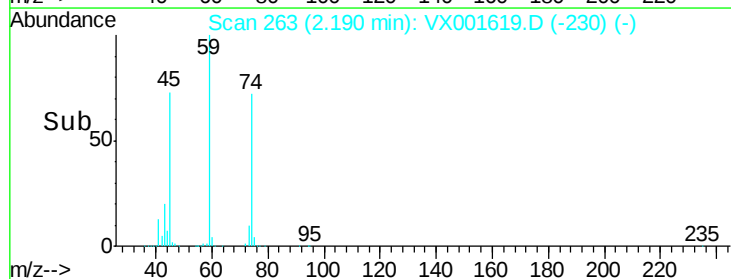
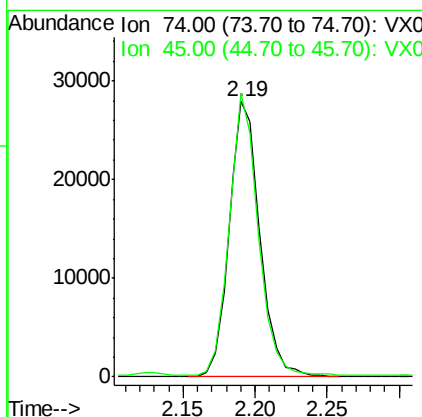
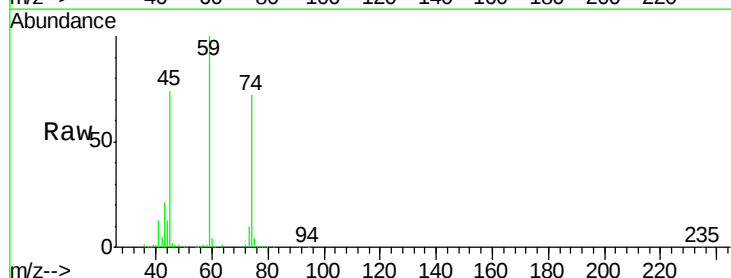
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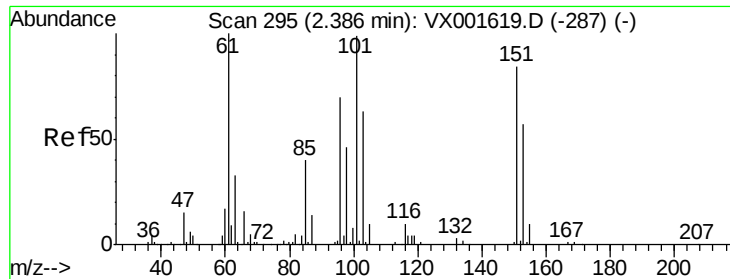


#8

Diethyl Ether
 Concen: 20.62 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion: 74 Resp: 41459
 Ion Ratio Lower Upper
 74 100
 45 97.2 19.4 174.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.55 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

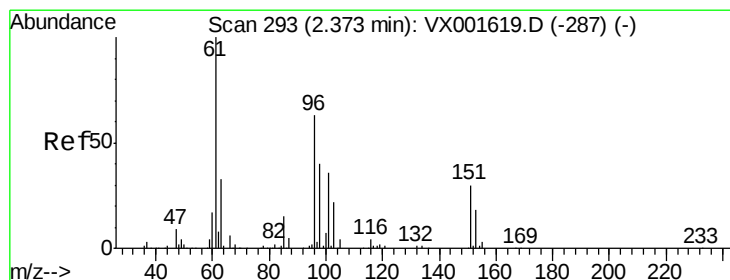
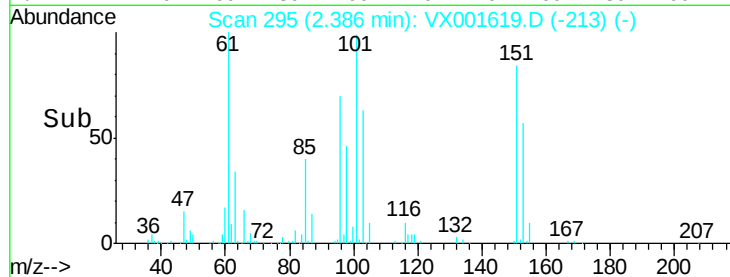
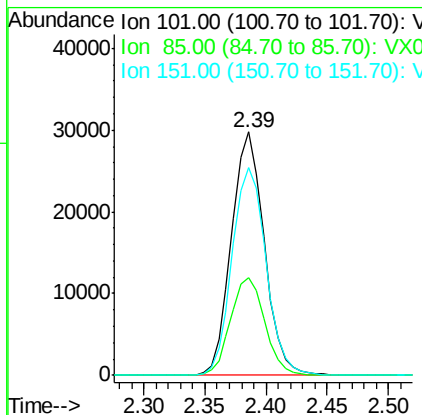
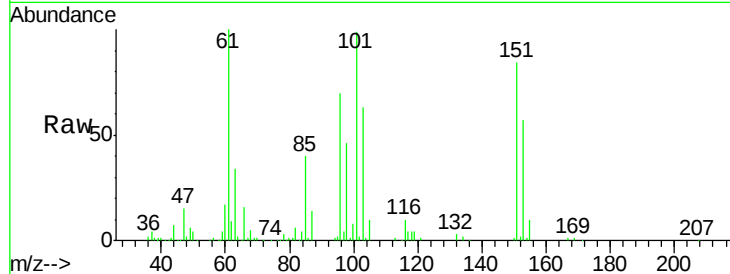
ClientSampleId :

VSTDICCC020

Tot Ion:	101	Resp:	55511
Ion Ratio	Lower	Upper	
101	100		
85	42.0	0.0	84.0
151	88.2	0.0	176.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.75 ug/l

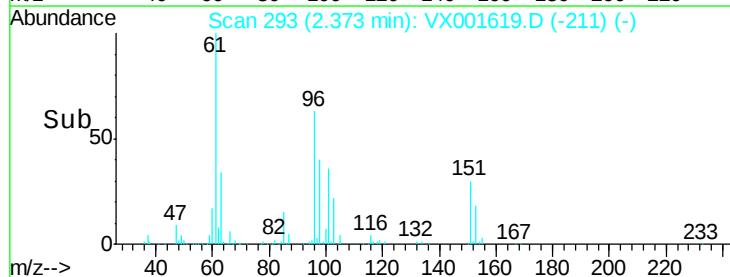
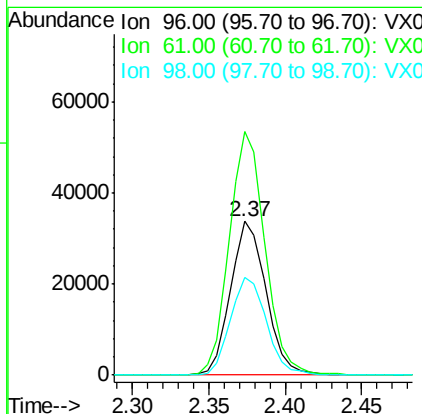
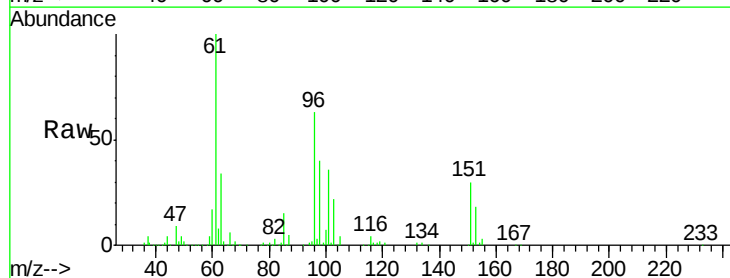
RT: 2.37 min Scan# 293

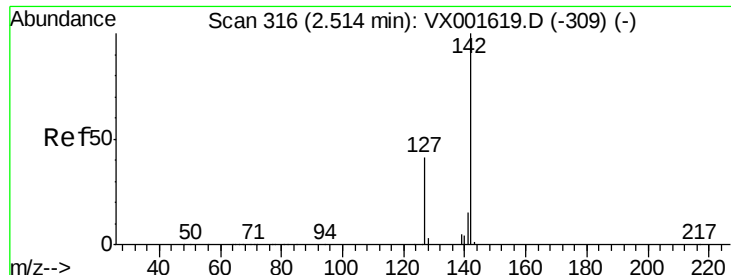
Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Tgt Ion:	96	Resp:	54662
Ion Ratio	Lower	Upper	
96	100		
61	158.1	126.5	189.7
98	63.2	50.6	75.8





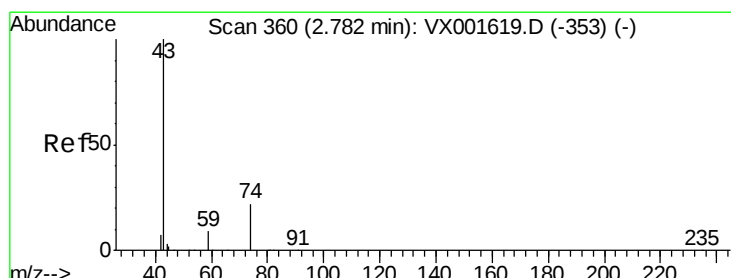
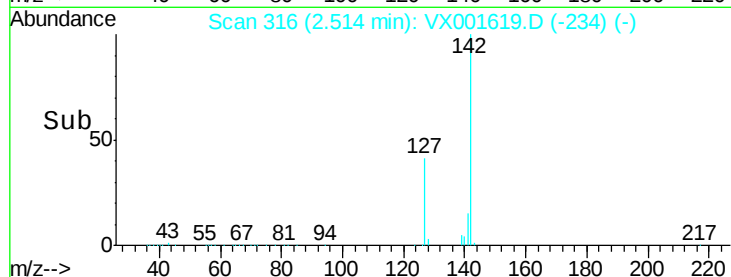
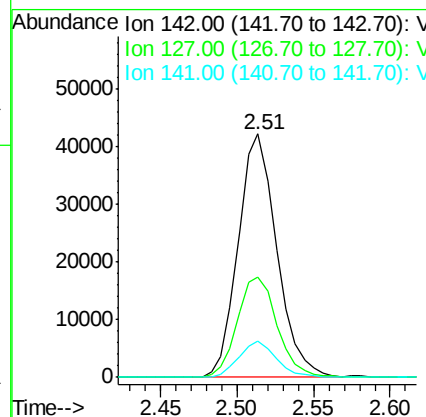
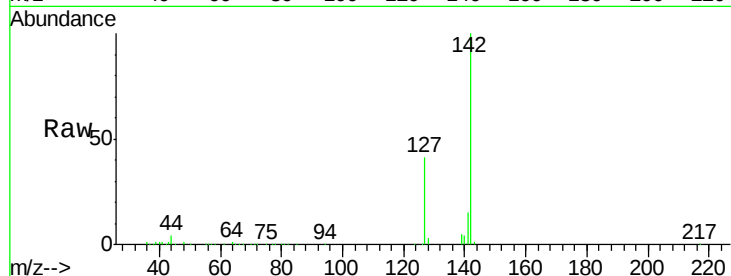
#11
Methyl Iodide
Concen: 20.12 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.4	20.7	62.1
141	14.9	7.4	22.3

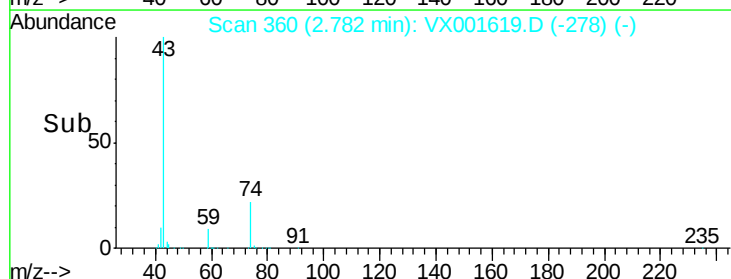
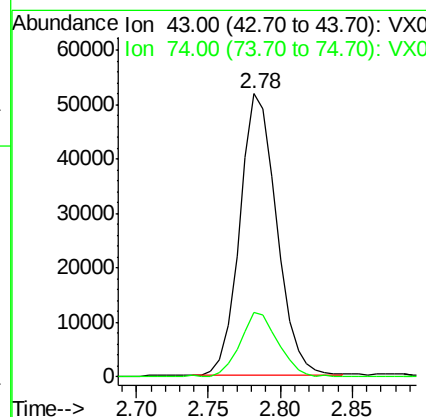
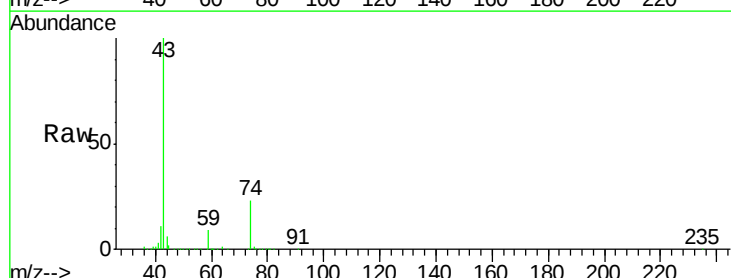
Manual Integrations
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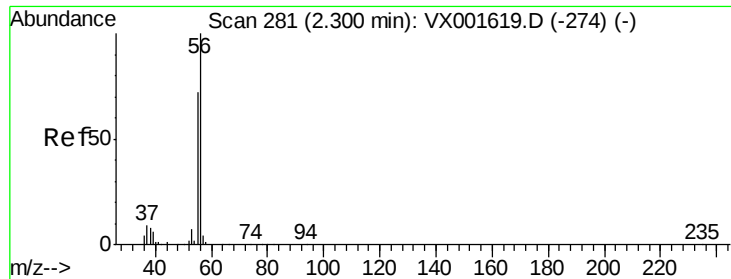
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#12
Methyl Acetate
Concen: 22.97 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.0	27.0





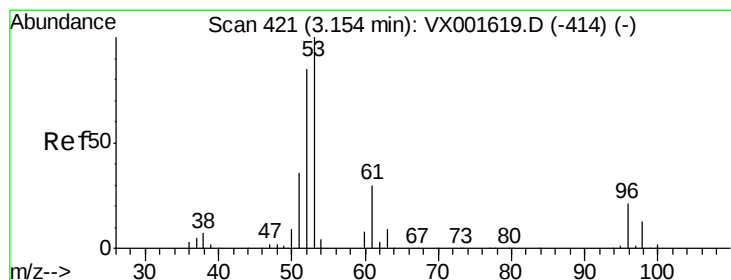
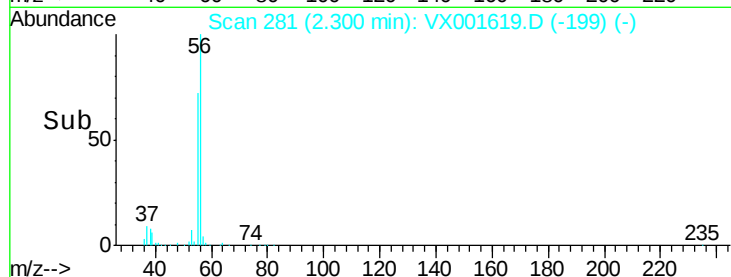
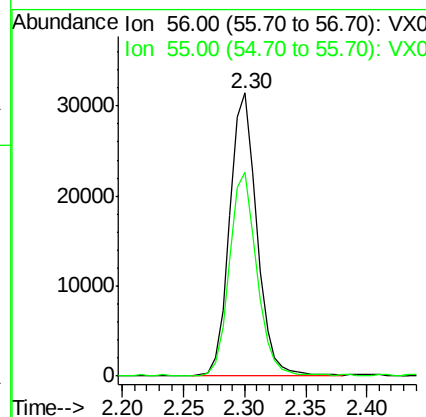
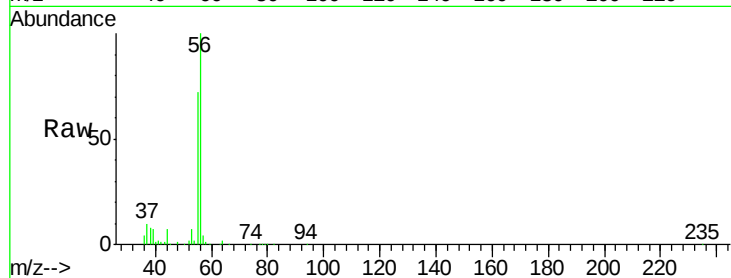
#13
Acrolein
Concen: 103.90 ug/l
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	56	Resp	48477
Ion	Ratio	Lower	Upper
56	100		
55	71.1	56.9	85.3

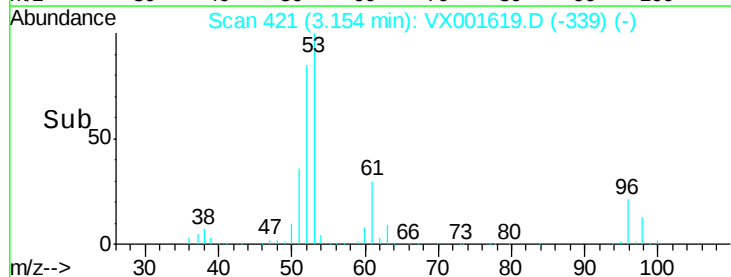
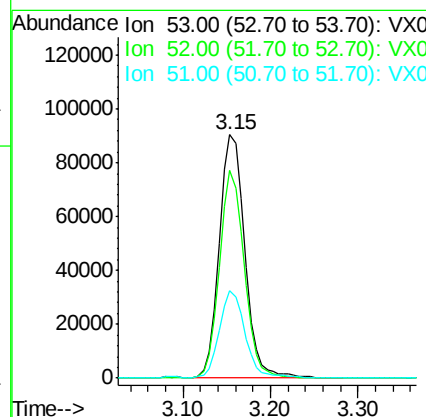
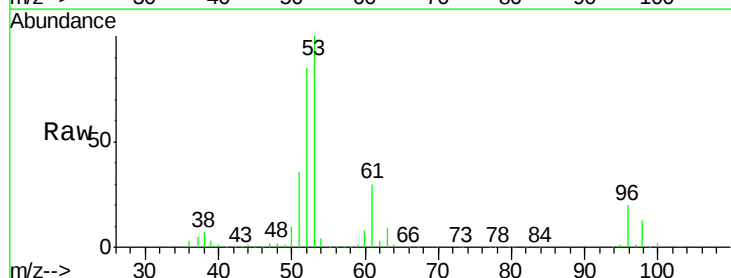
Manual Integrations
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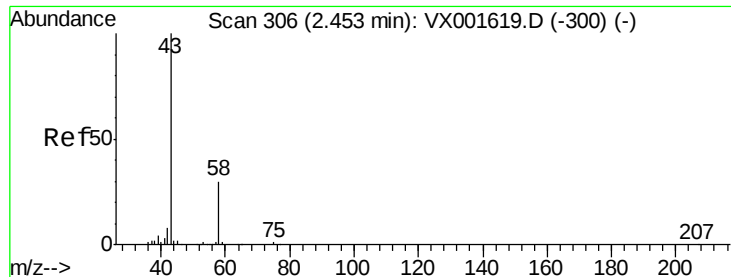
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#14
Acrylonitrile
Concen: 114.57 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	53	Resp	183529
Ion	Ratio	Lower	Upper
53	100		
52	82.7	41.3	123.9
51	36.4	18.1	54.3





#15

Acetone

Concen: 102.66 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 58 Resp: 49438

Ion Ratio Lower Upper

58 100

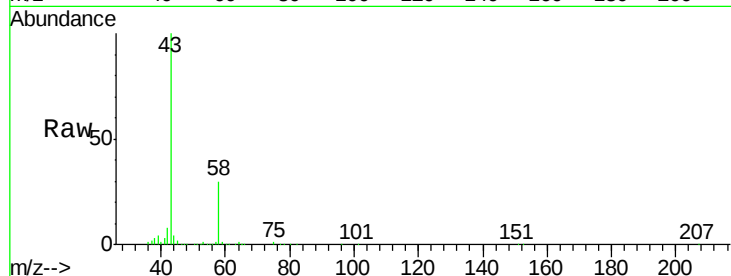
43 330.2 264.2 396.2

Manual Integrations

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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

100000

80000

60000

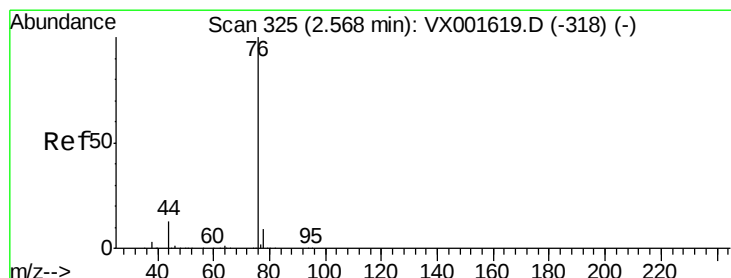
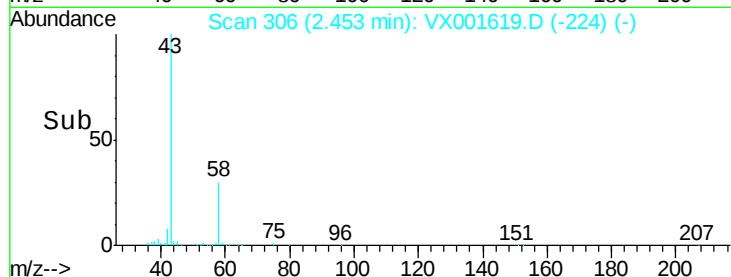
40000

20000

0

2.40 2.45 2.50

Time-->



#16

Carbon Disulfide

Concen: 17.12 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001619.D

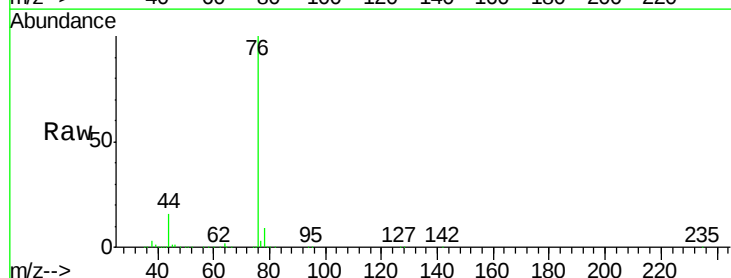
Acq: 10 May 2018 23:29

Tgt Ion: 76 Resp: 130596

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

80000

60000

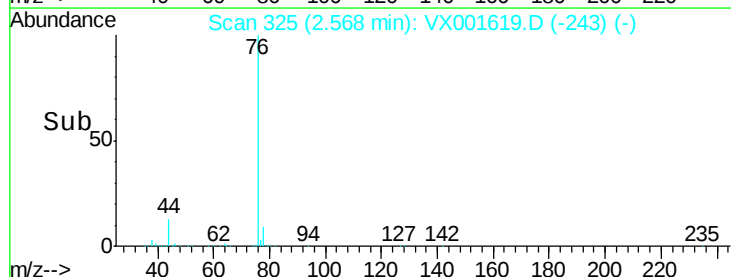
40000

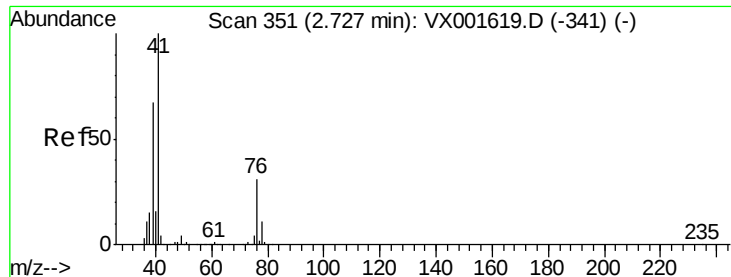
20000

0

2.50 2.55 2.60 2.65

Time-->





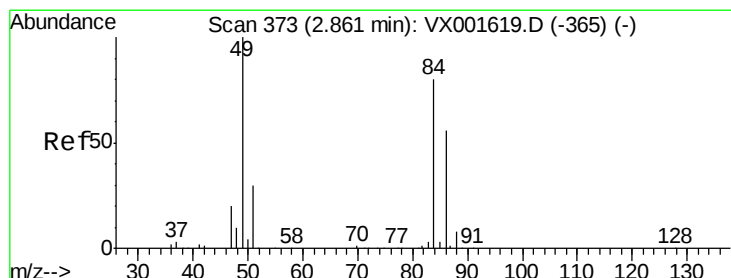
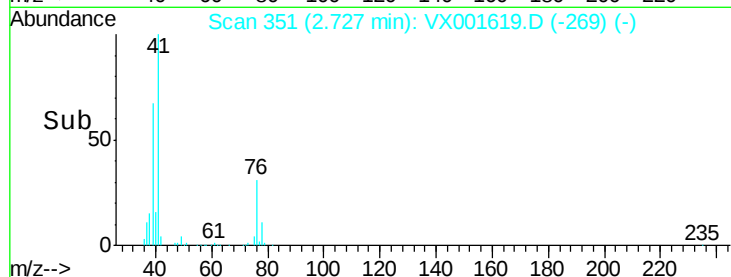
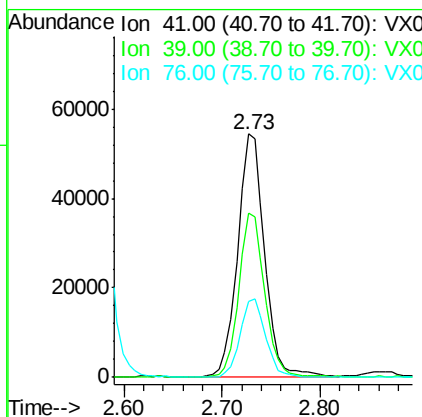
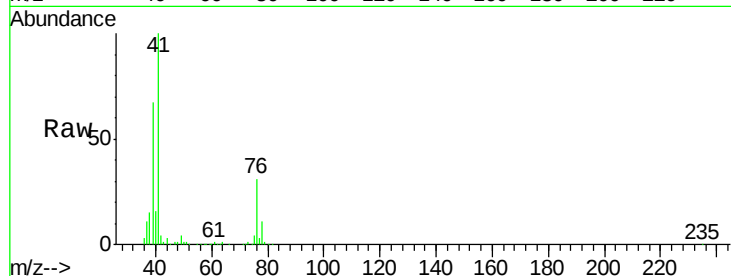
#17
Allvl chloride
Concen: 19.80 ug/l
RT: 2.73 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	67.4	33.7	101.1
76	30.9	15.4	46.4

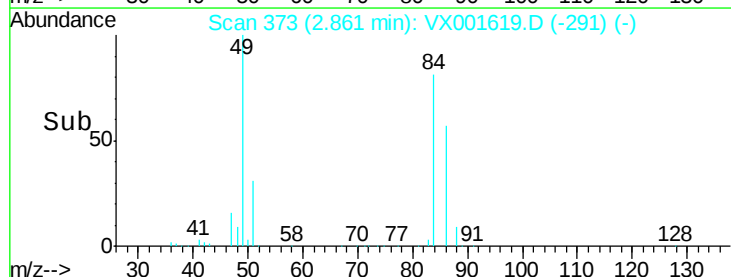
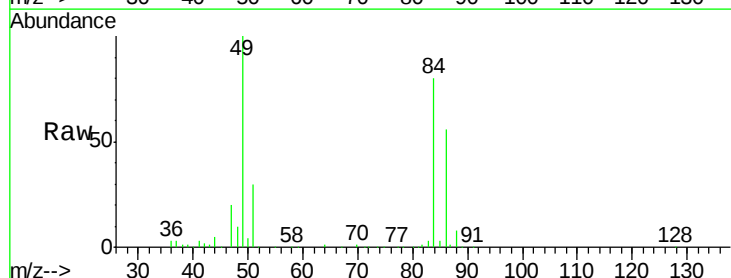
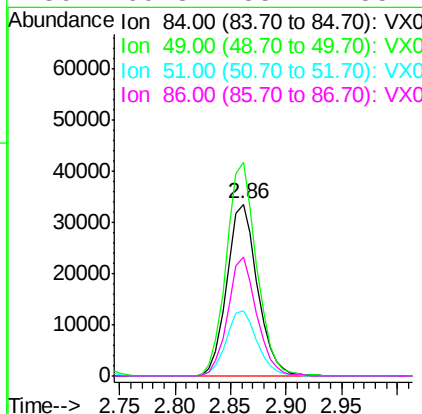
Manual Integrations
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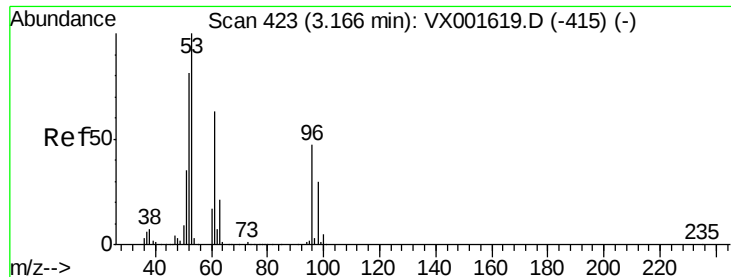
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#18
Methylene Chloride
Concen: 19.98 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	99.5	149.3
51	37.6	30.1	45.1
86	69.3	55.4	83.2





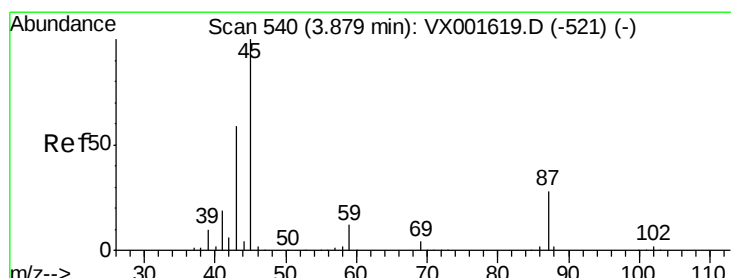
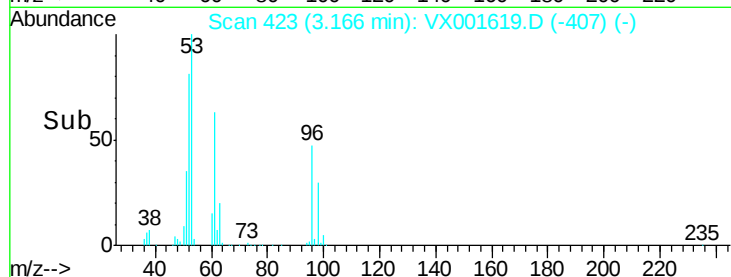
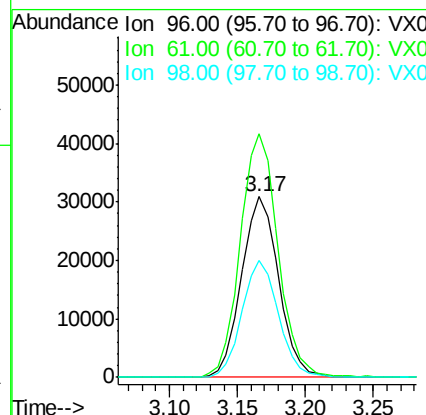
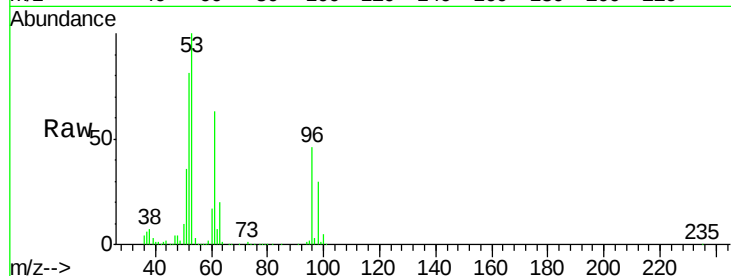
#19
trans-1,2-Dichloroethene
Concen: 18.79 ug/l
RT: 3.17 min Scan# 423
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	107.7	161.5
98	64.5	51.6	77.4

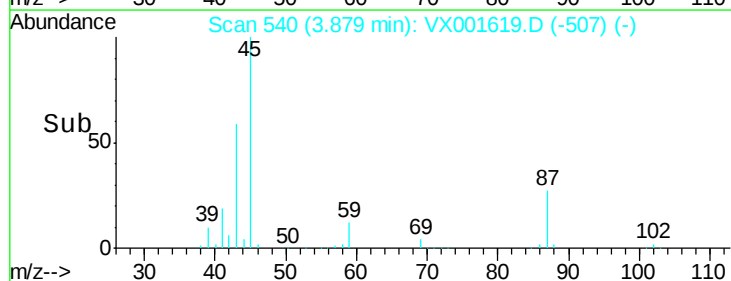
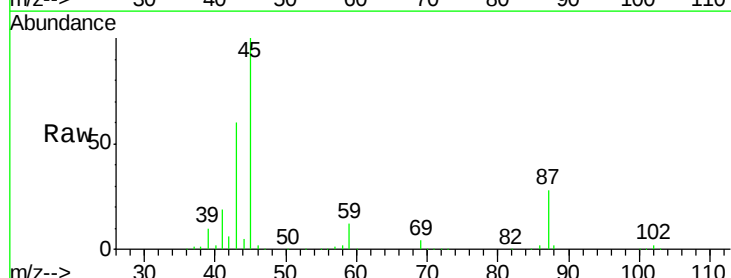
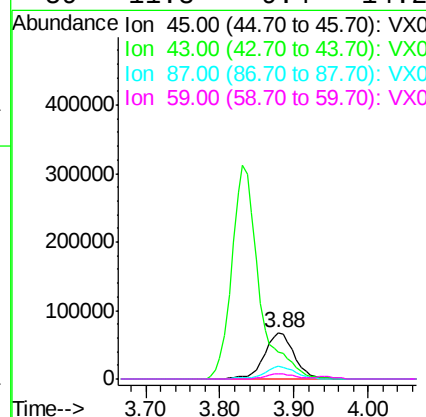
Manual Integrations
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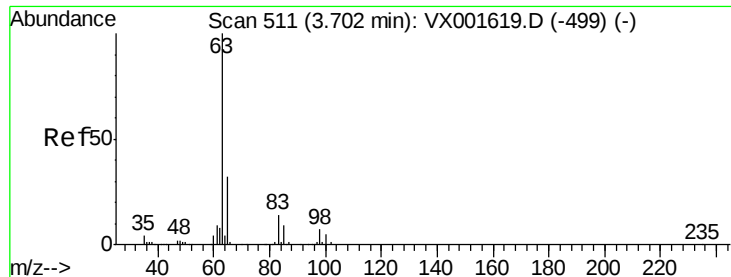
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#20
Diisopropyl ether
Concen: 18.54 ug/l
RT: 3.88 min Scan# 540
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.4	47.5	71.3
87	27.8	22.2	33.4
59	11.8	9.4	14.2





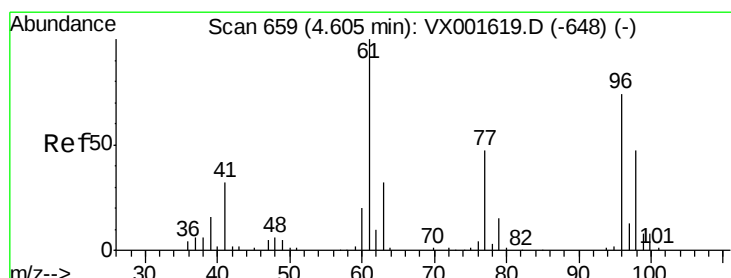
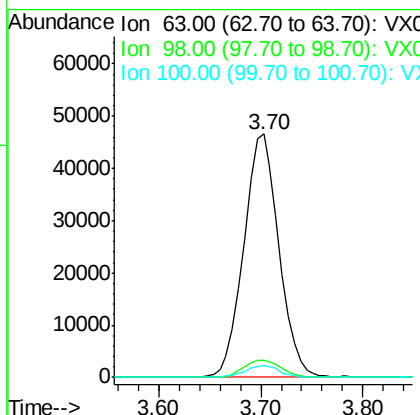
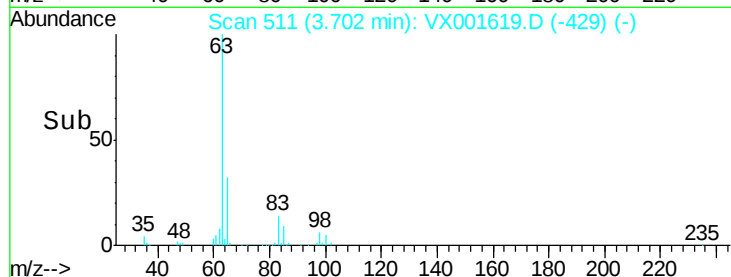
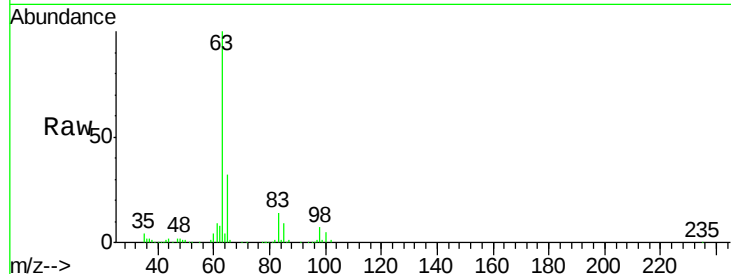
#21
 1,1-Dichloroethane
 Concen: 20.32 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	111744		
98	7.0		3.5	10.5
100	4.9		2.5	7.4

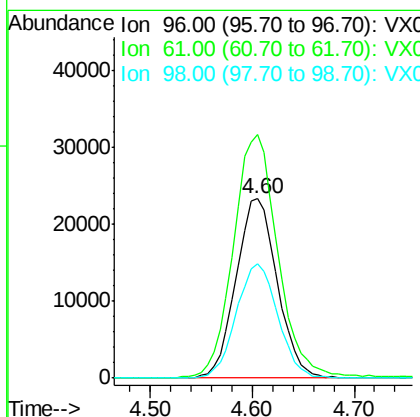
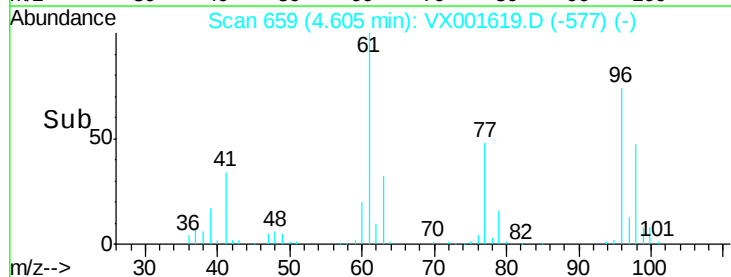
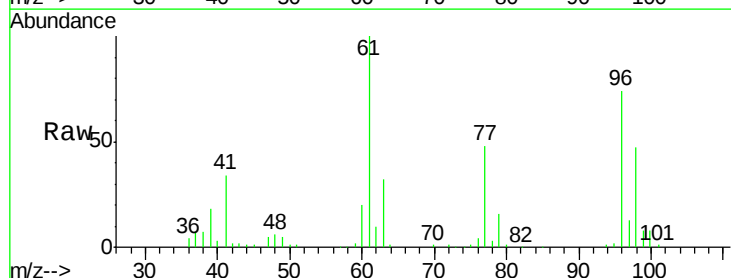
Manual Integrations
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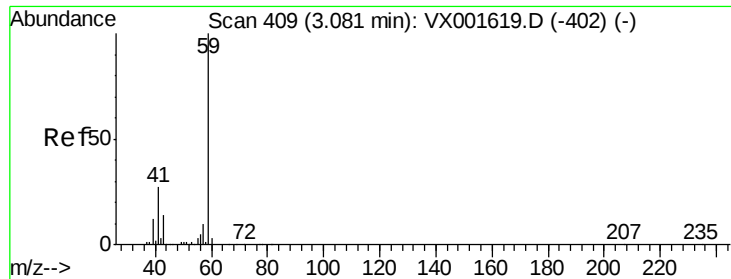
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#22
 cis-1,2-Dichloroethene
 Concen: 18.74 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	65421		
61	146.6		117.3	175.9
98	64.0		51.2	76.8





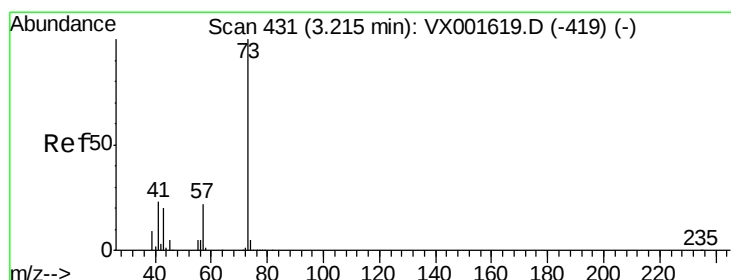
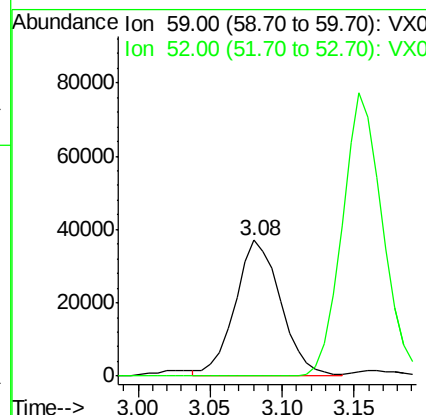
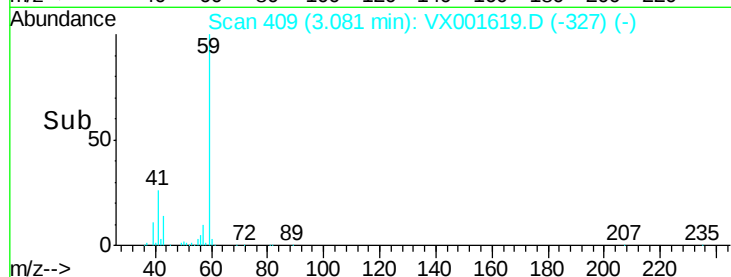
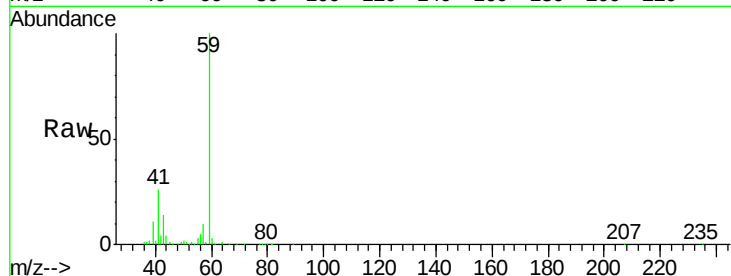
#23
 tert-Butyl Alcohol
 Concen: 120.92 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion: 59 Resp: 80715
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

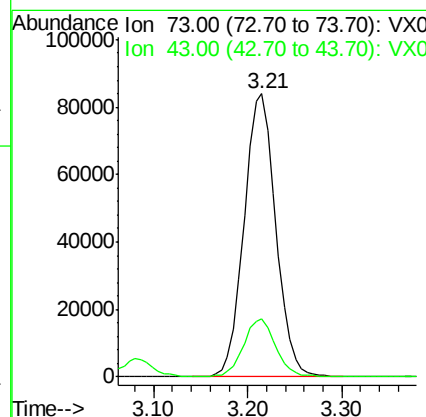
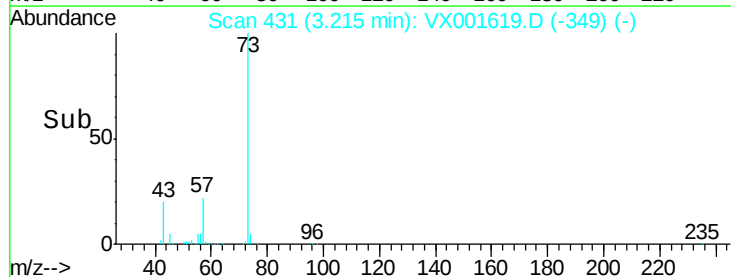
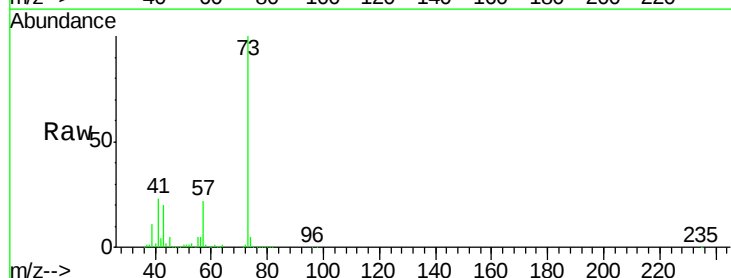
Manual Integrations
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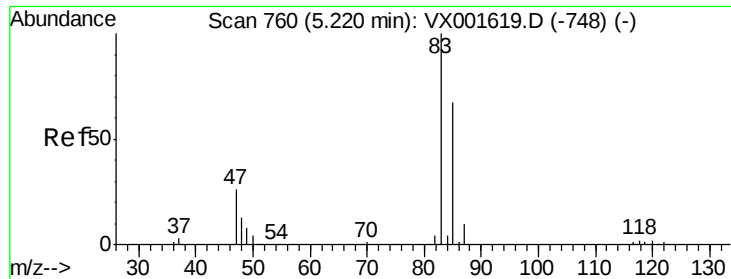
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#24
 Methyl tert-Butyl Ether
 Concen: 19.64 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion: 73 Resp: 197783
 Ion Ratio Lower Upper
 73 100
 43 20.4 16.3 24.5





#25

Chloroform

Concen: 19.05 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 83 Resp: 113684

Ion Ratio Lower Upper

83 100

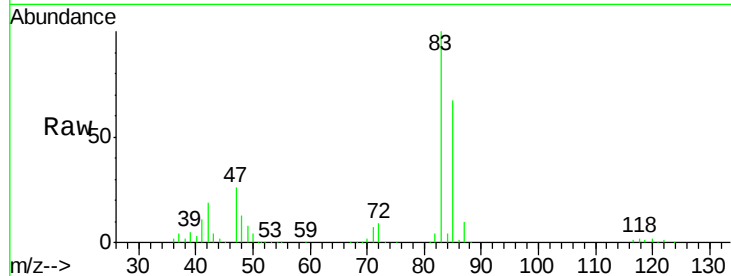
85 67.4 53.9 80.9

Manual Integrations

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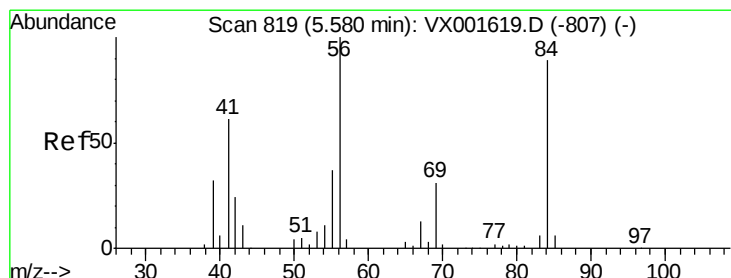
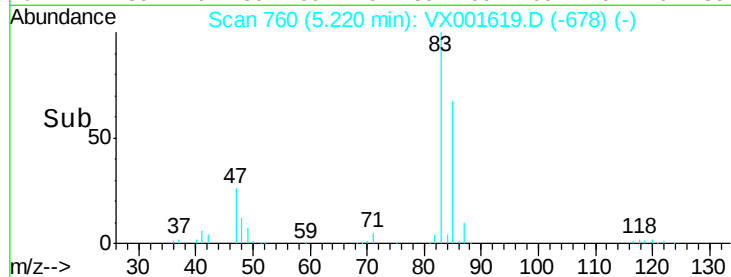
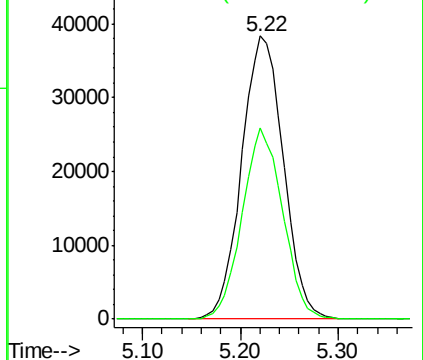
apatel

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 16.83 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

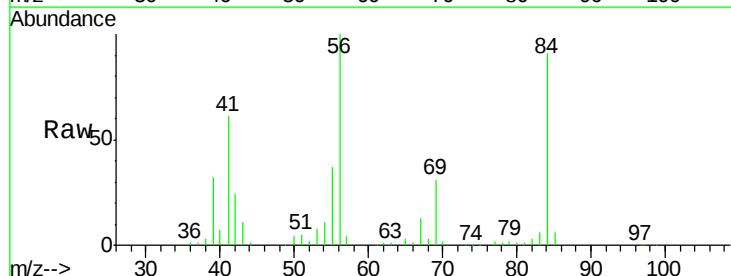
Tgt Ion: 56 Resp: 81670

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

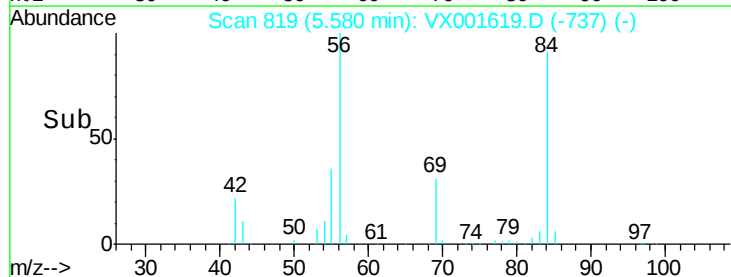
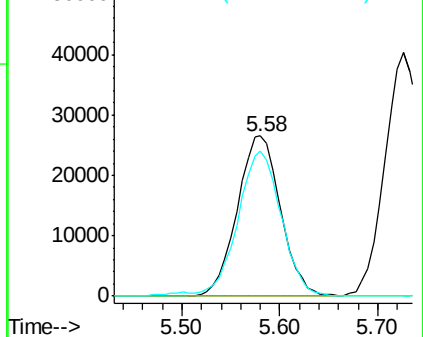
84 90.3 72.2 108.4

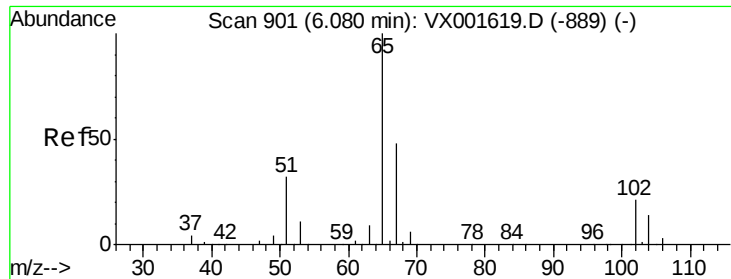


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





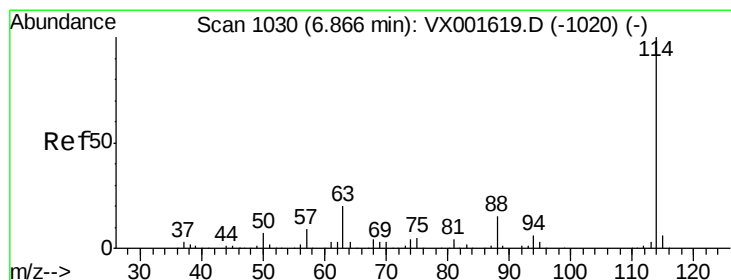
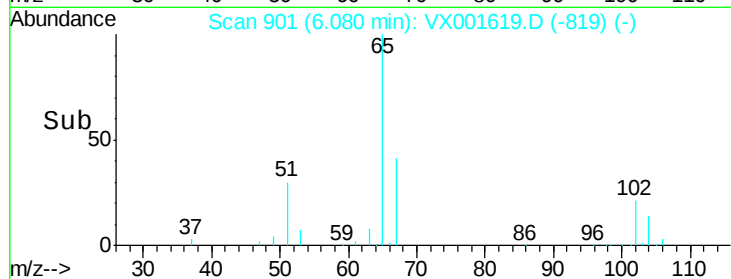
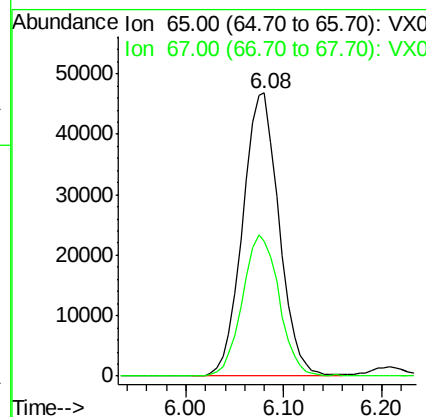
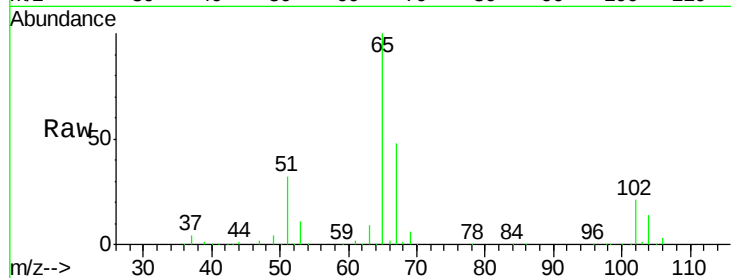
#27
 1,2-Dichloroethane-d4
 Concen: 30.87 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.2	40.2	60.2

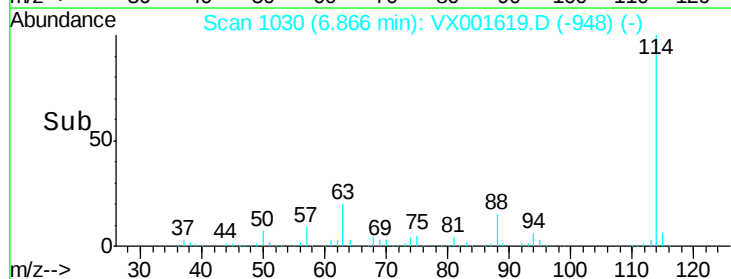
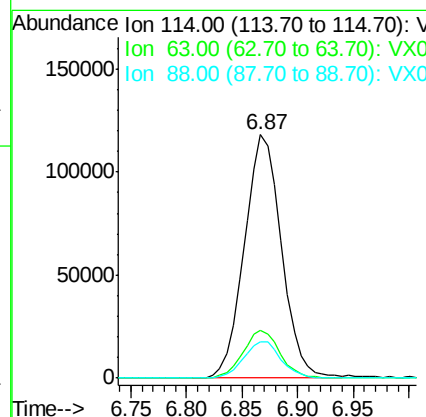
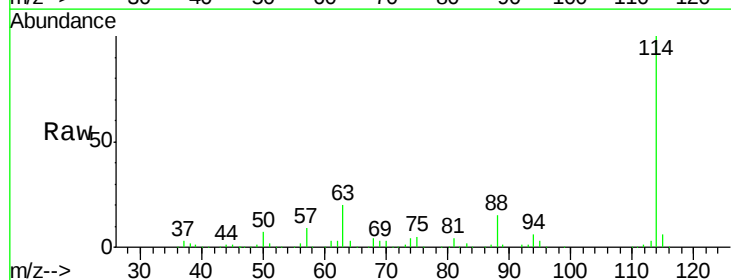
Manual Integrations
 APPROVED

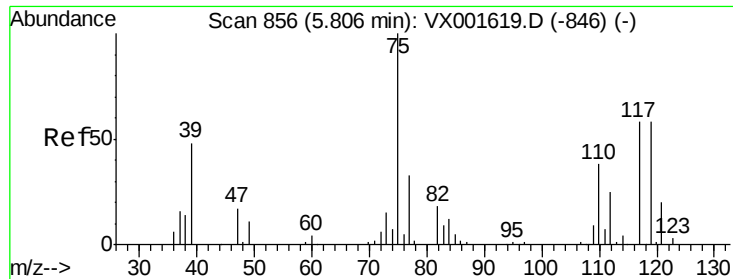
apatel
 5/14/2018 3:57:28 PM



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.4	15.5	23.3
88	15.3	12.2	18.4





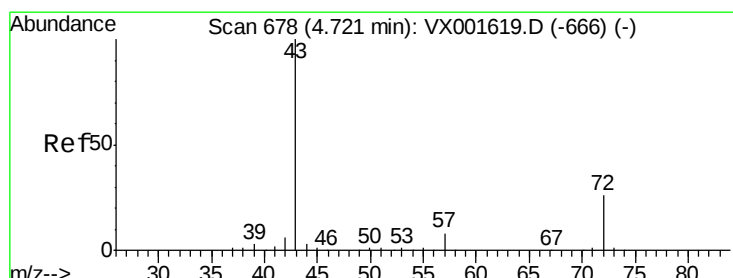
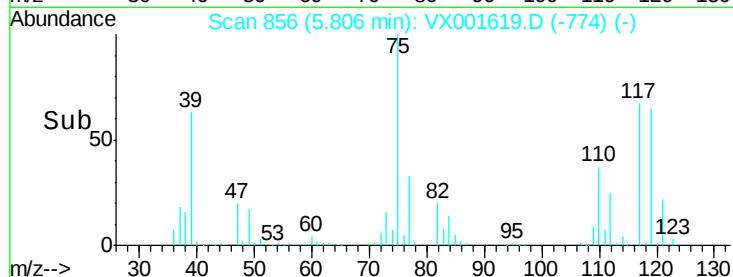
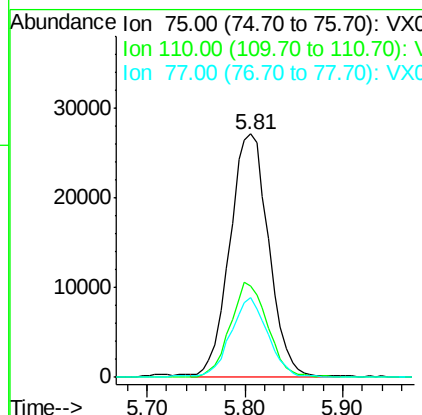
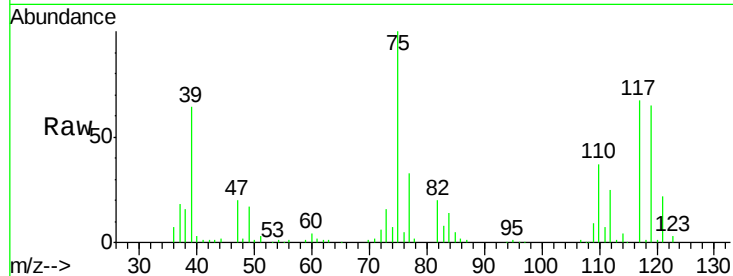
#29
 1,1-Dichloropropene
 Concen: 18.70 ug/l
 RT: 5.81 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.3	0.0	74.6
77	31.2	0.0	62.4

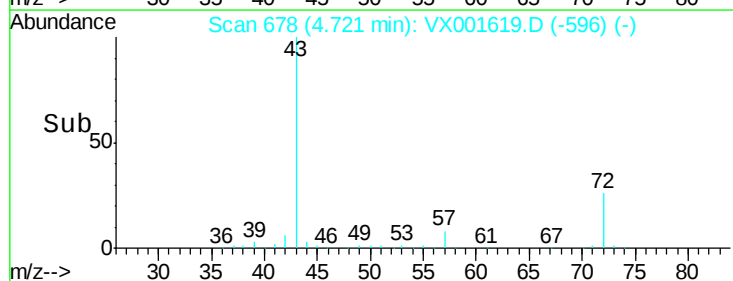
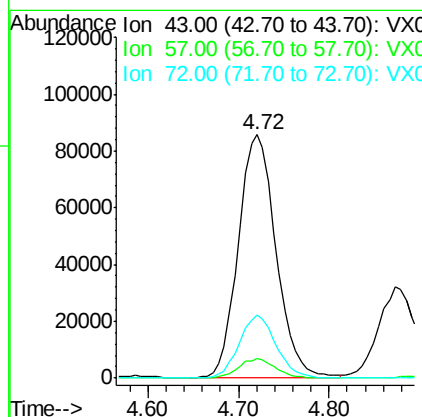
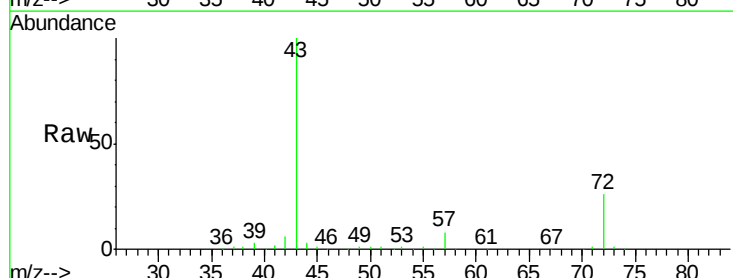
Manual Integrations
 APPROVED

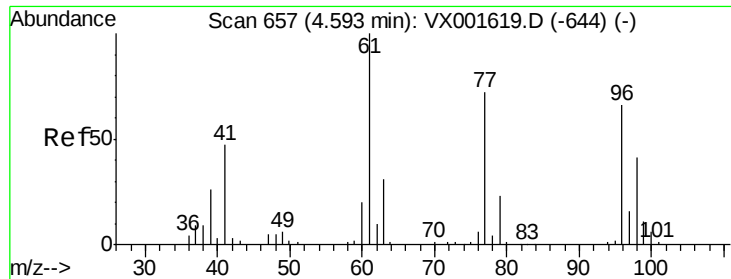
apatel
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#30
 2-Butanone
 Concen: 114.26 ug/l
 RT: 4.72 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.3	9.5
72	25.3	20.2	30.4





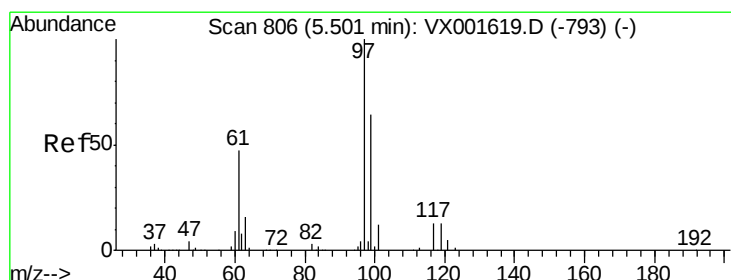
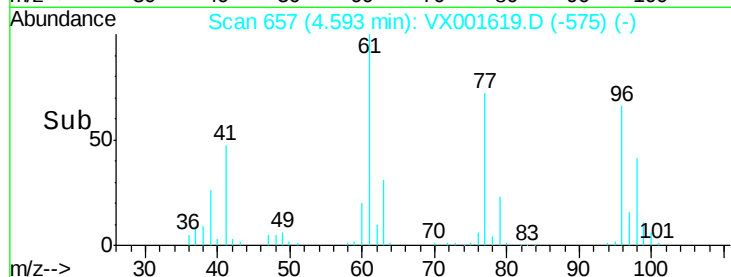
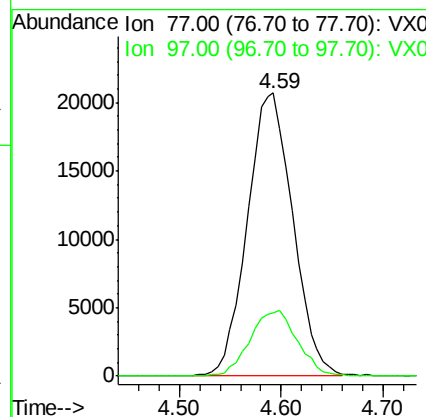
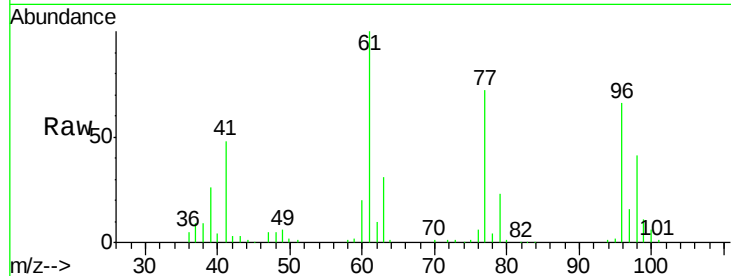
#31
 2,2-Dichloropropane
 Concen: 15.32 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion: 77 Resp: 64245
 Ion Ratio Lower Upper
 77 100
 97 24.1 19.3 28.9

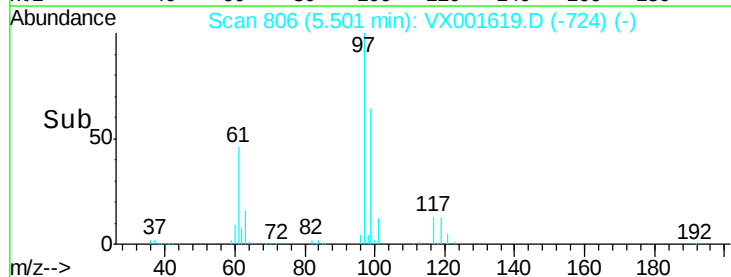
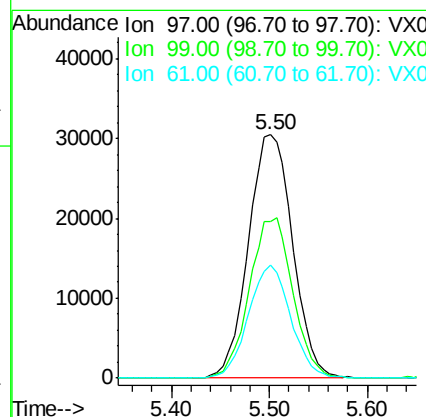
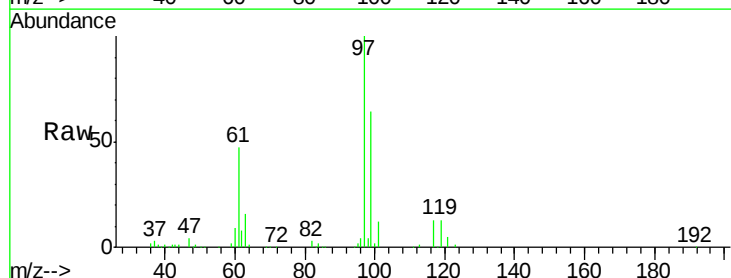
Manual Integrations
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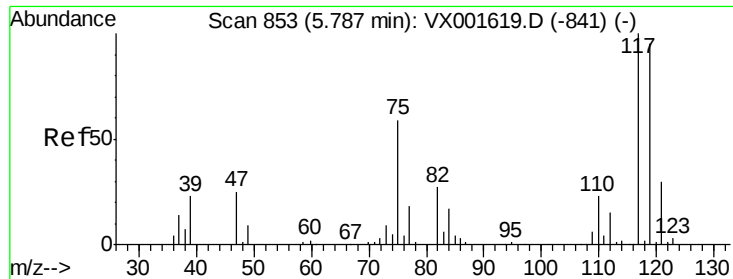
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#32
 1,1,1-Trichloroethane
 Concen: 19.64 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion: 97 Resp: 96210
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 44.5 35.6 53.4





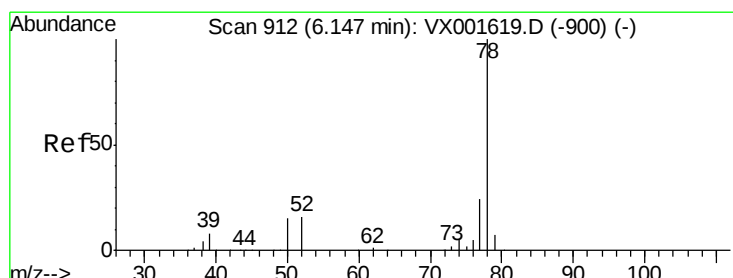
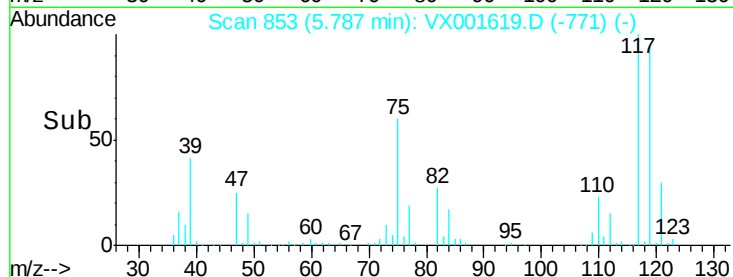
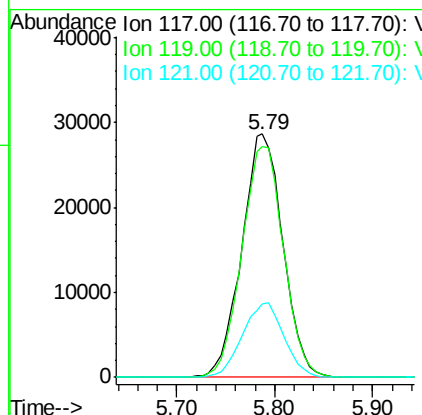
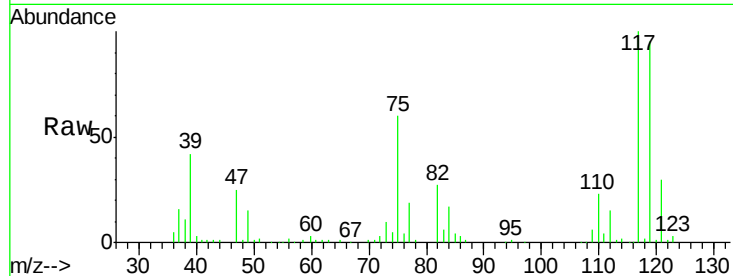
#33
Carbon Tetrachloride
Concen: 18.96 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.6	75.7	113.5
121	30.4	24.3	36.5

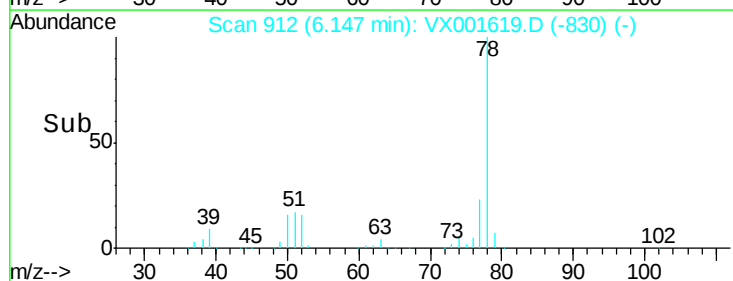
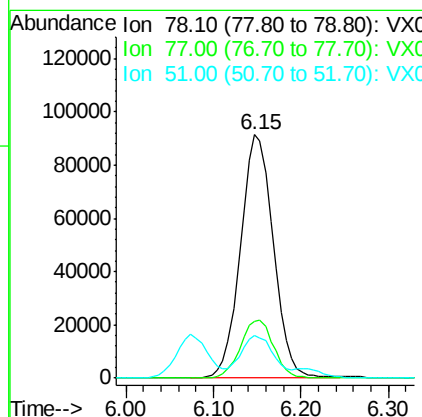
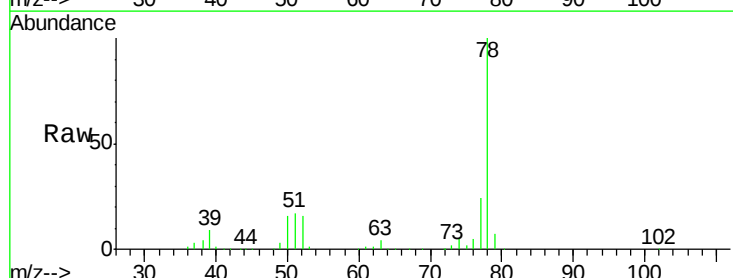
Manual Integrations
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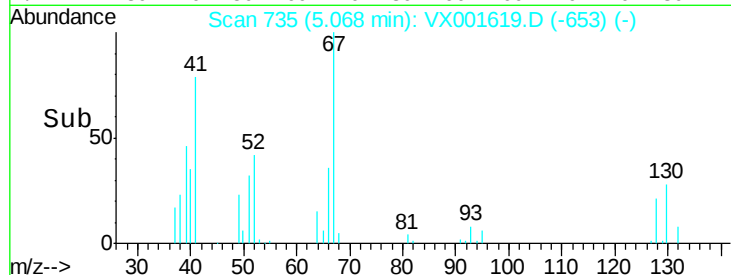
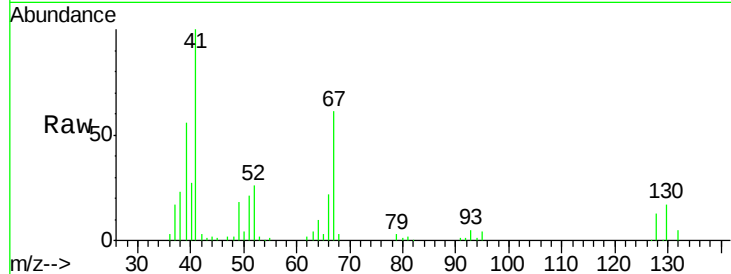
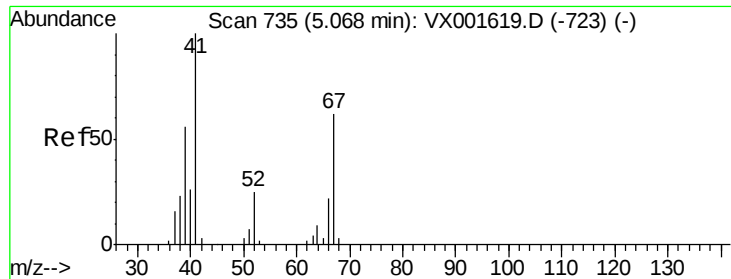
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#34
Benzene
Concen: 19.95 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2
51	16.9	13.5	20.3





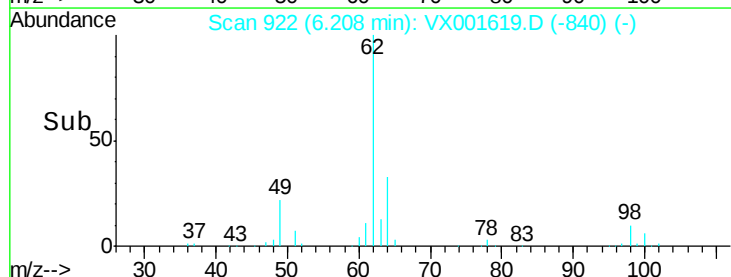
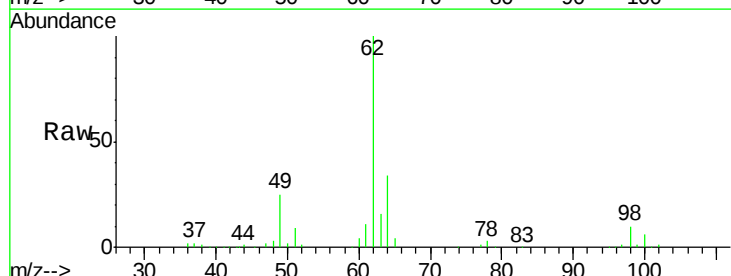
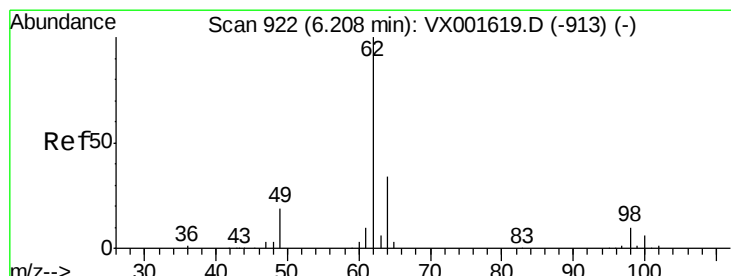
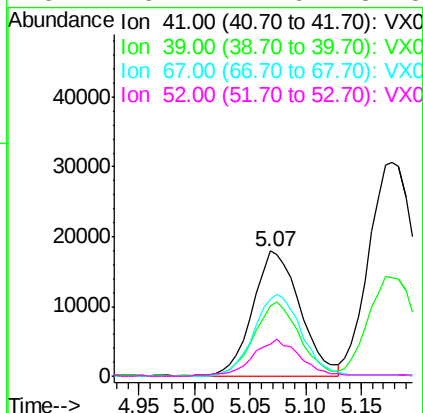
#35
Methacrylonitrile
Concen: 22.19 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.7	27.9	83.6		
67	61.7	30.9	92.5		
52	25.2	12.6	37.8		

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

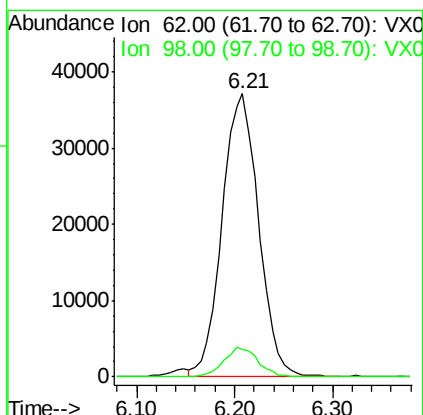
Manual Integrations
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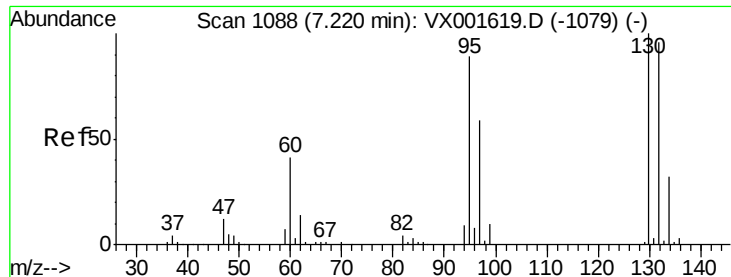
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#36
1,2-Dichloroethane
Concen: 20.60 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

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





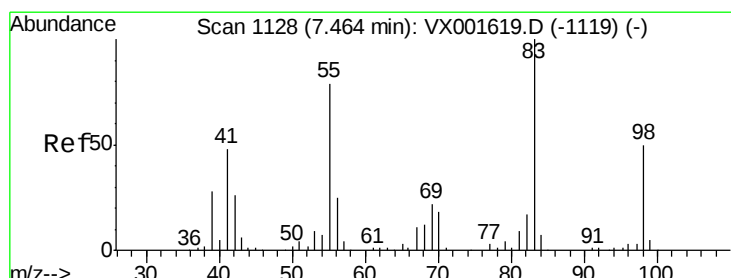
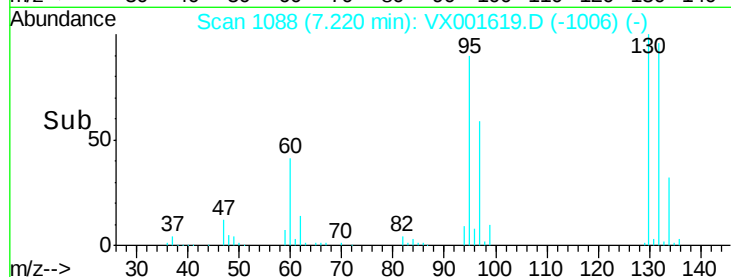
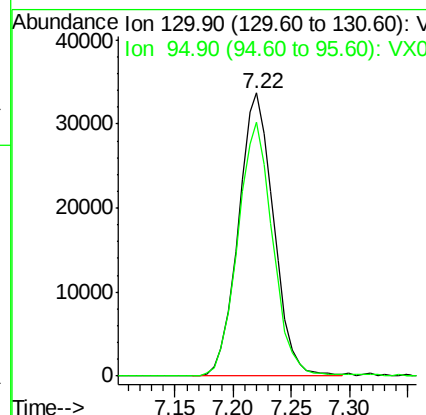
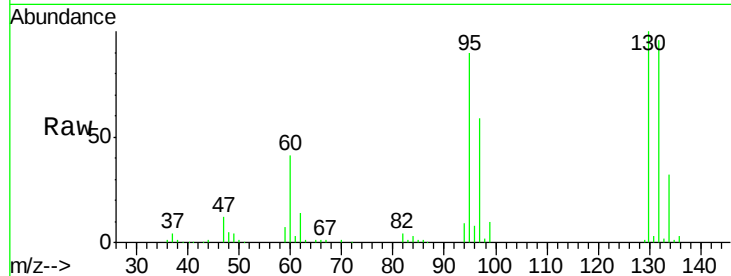
#37
 Trichloroethene
 Concen: 19.56 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:130 Resp: 71076
 Ion Ratio Lower Upper
 130 100
 95 89.3 71.4 107.2

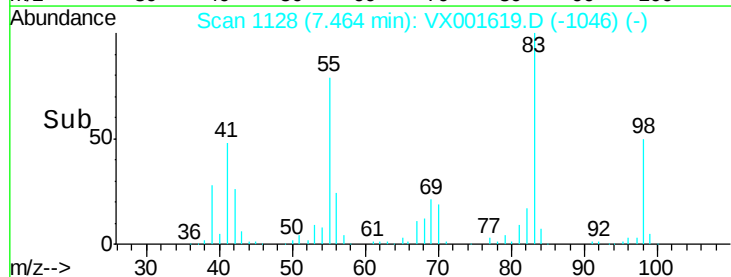
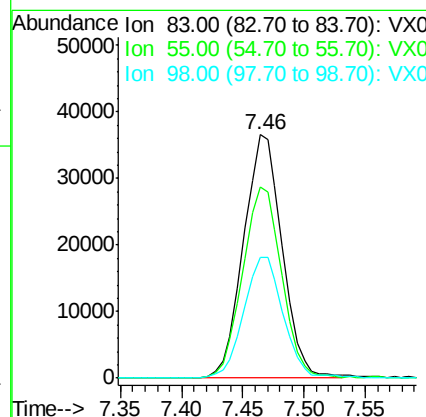
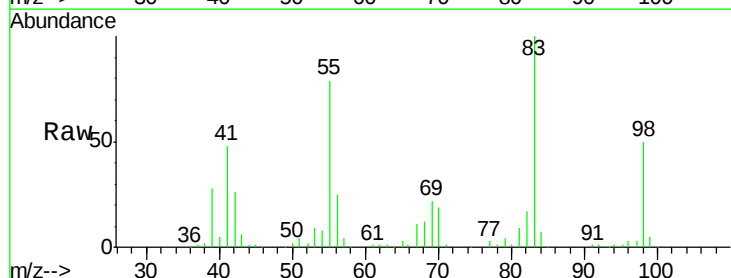
Manual Integrations
 APPROVED

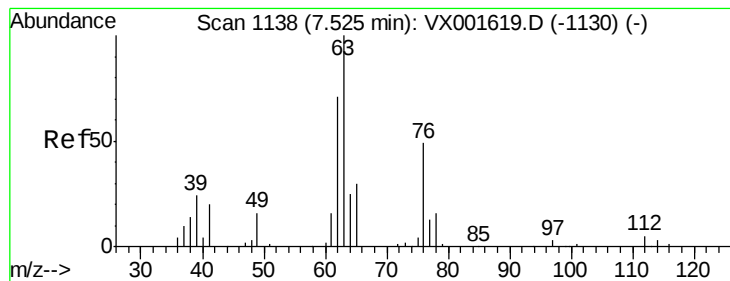
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#38
 Methylcyclohexane
 Concen: 17.30 ug/l
 RT: 7.46 min Scan# 1128
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion: 83 Resp: 80456
 Ion Ratio Lower Upper
 83 100
 55 79.1 39.6 118.7
 98 50.0 25.0 75.0





#39

1,2-Dichloropropane

Concen: 19.55 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 63 Resp: 59528

Ion Ratio Lower Upper

63 100

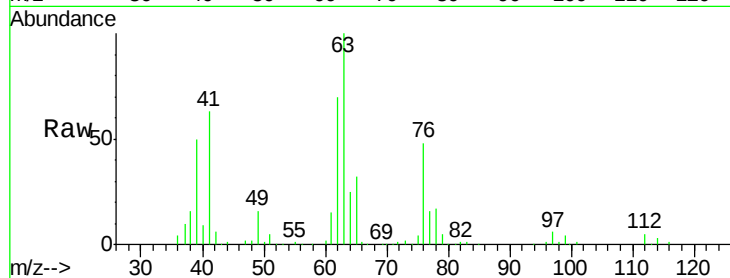
65 31.6 25.3 37.9

Manual Integrations

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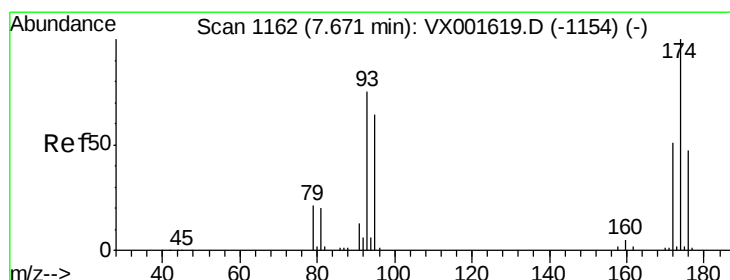
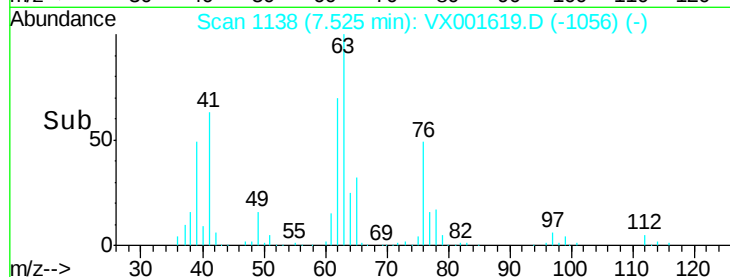
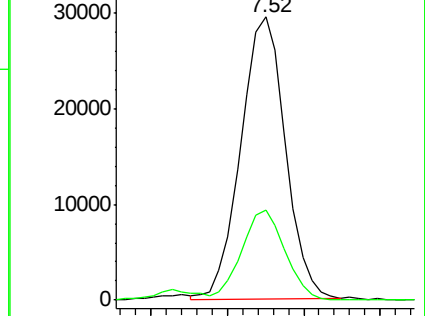
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Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 20.06 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

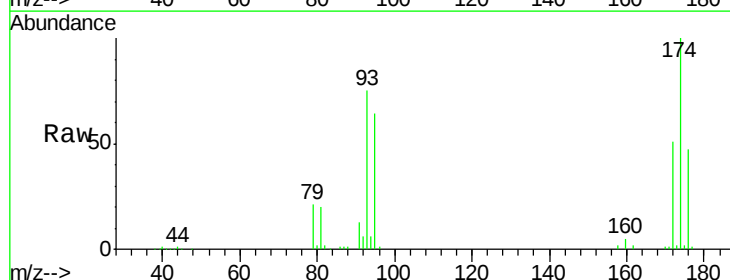
Tgt Ion: 93 Resp: 43137

Ion Ratio Lower Upper

93 100

95 83.1 0.0 166.2

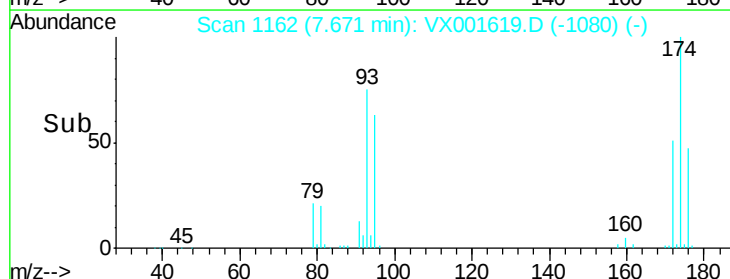
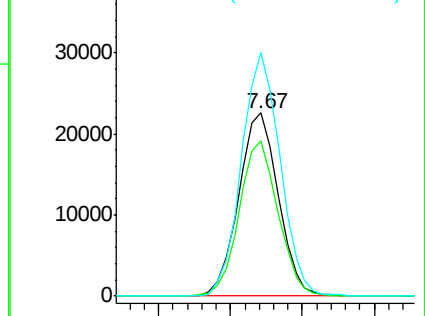
174 129.6 0.0 259.2

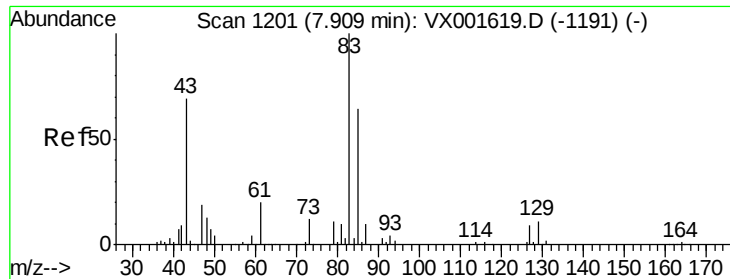


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.54 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

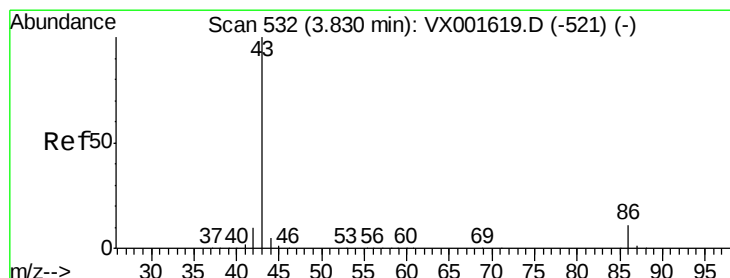
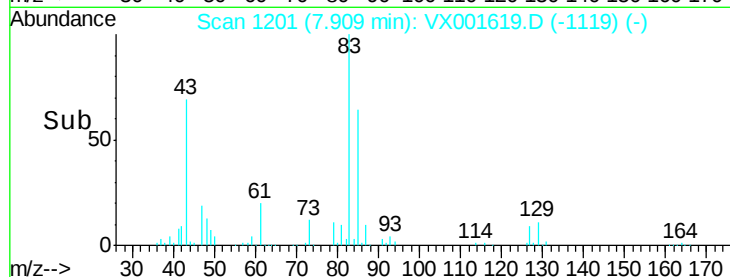
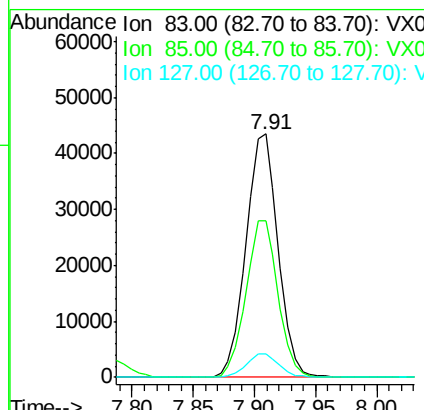
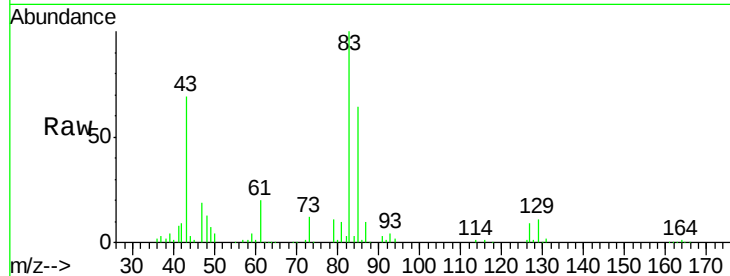
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	79312
Ion Ratio	Lower	Upper	
83	100		
85	64.1	51.3	76.9
127	9.4	7.5	11.3

Manual Integrations
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#42

Vinyl Acetate

Concen: 98.29 ug/l

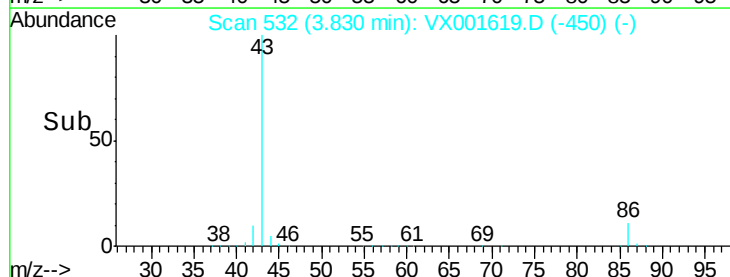
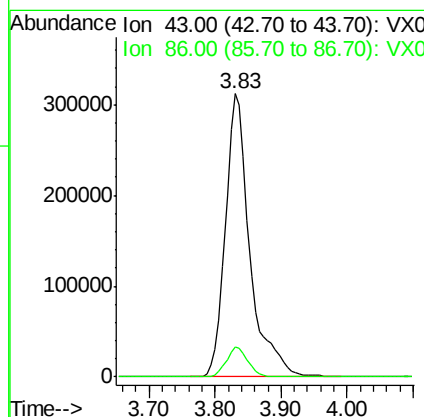
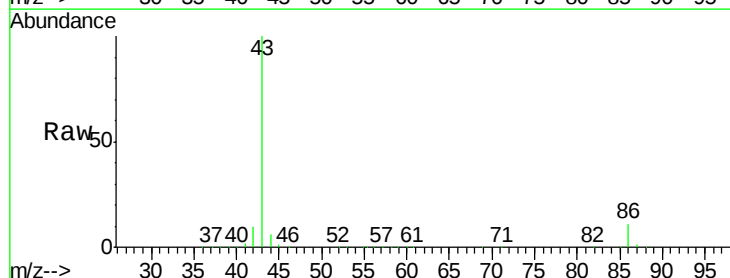
RT: 3.83 min Scan# 532

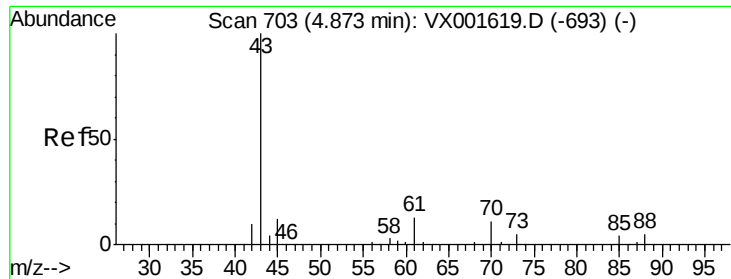
Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Tgt Ion:	43	Resp:	801568
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.4	11.2





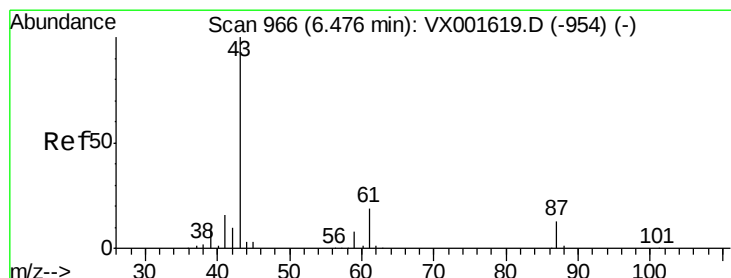
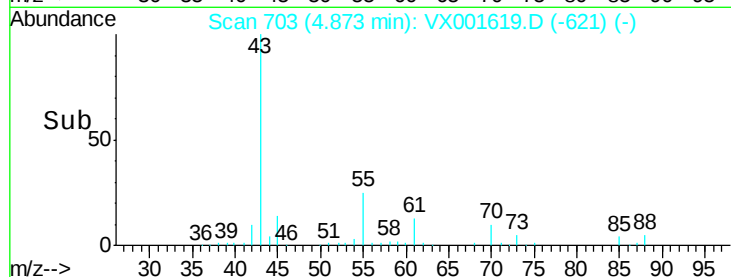
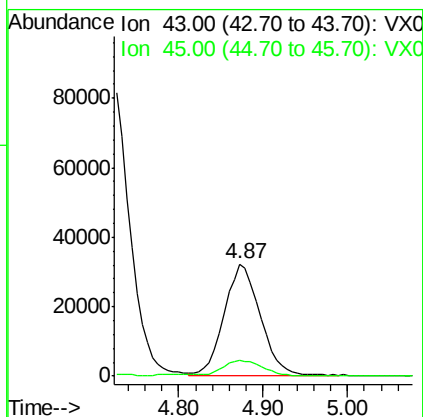
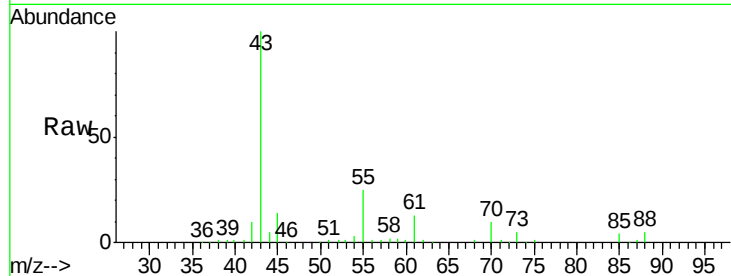
#43
Ethyl Acetate
Concen: 22.41 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 93356
Ion Ratio Lower Upper
43 100
45 15.9 12.7 19.1

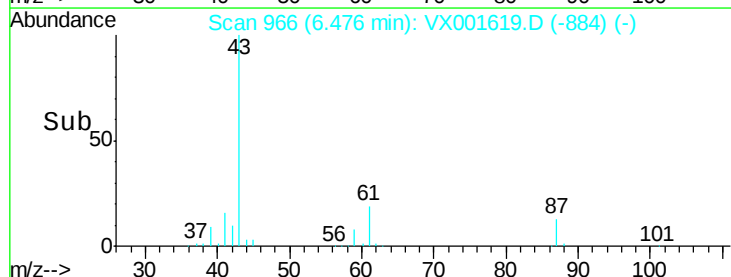
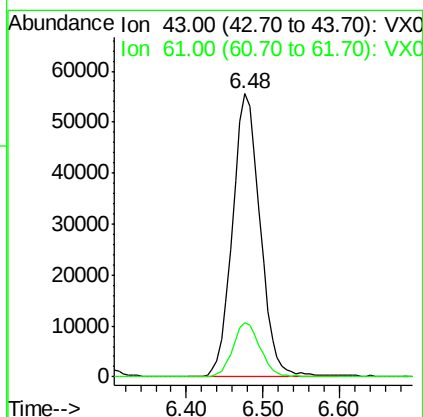
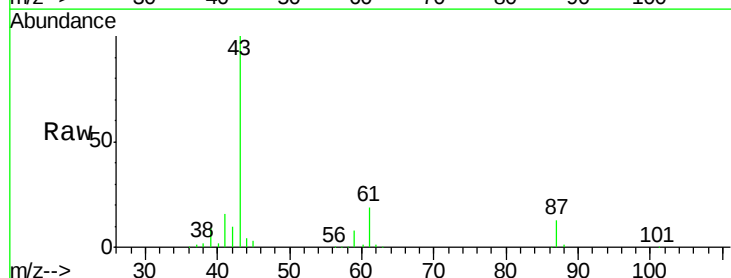
Manual Integrations
APPROVED

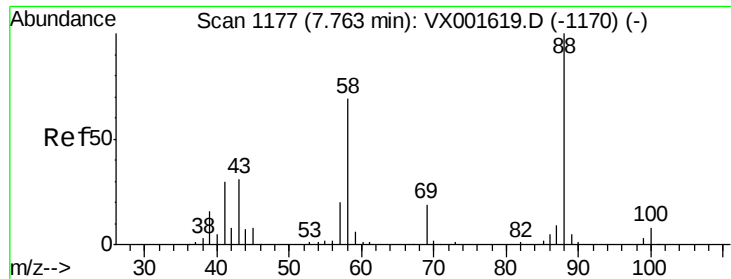
apatel
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#44
Isopropyl Acetate
Concen: 20.08 ug/l
RT: 6.48 min Scan# 966
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion: 43 Resp: 138519
Ion Ratio Lower Upper
43 100
61 18.9 15.1 22.7





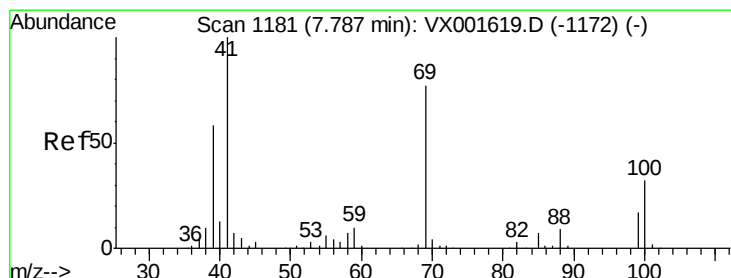
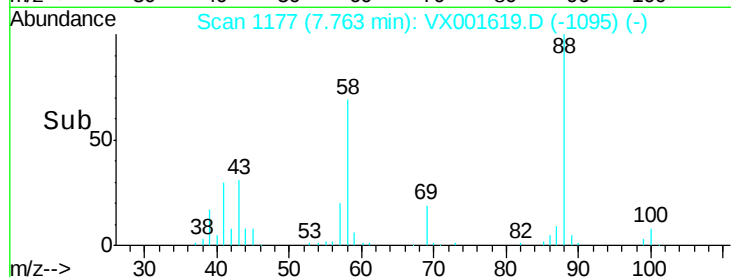
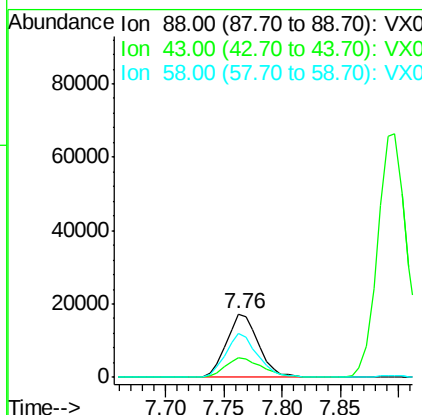
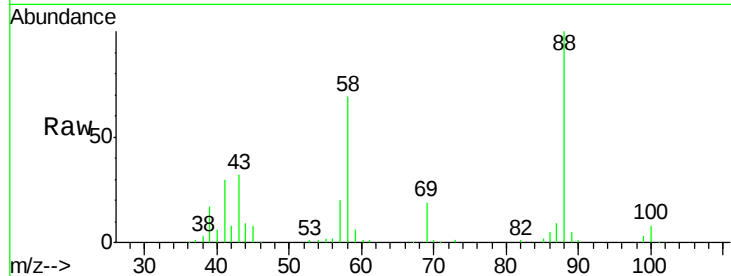
#45
 1,4-Dioxane
 Concen: 492.27 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.9	27.9	41.9
58	69.1	55.3	82.9

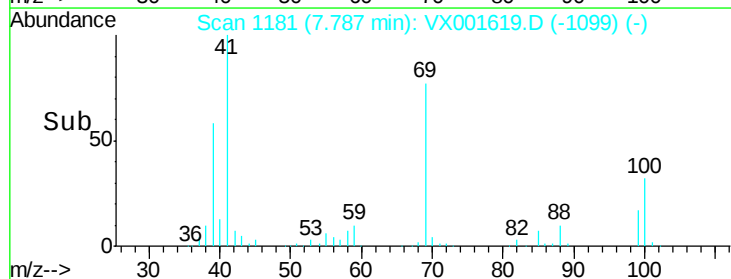
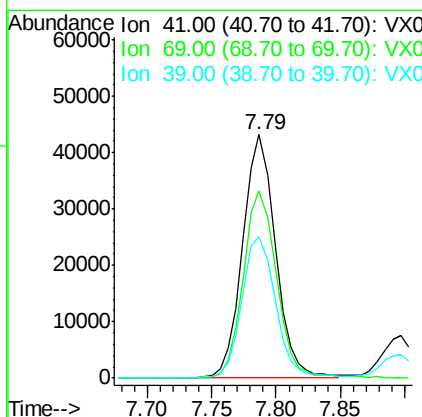
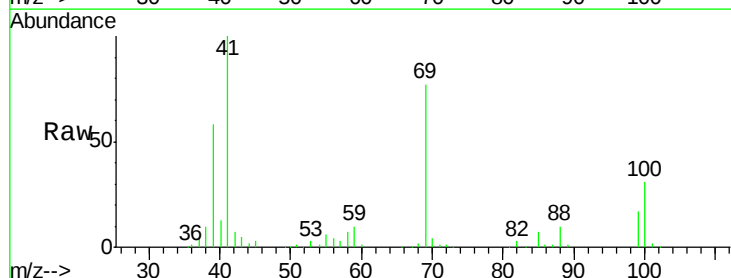
Manual Integrations
 APPROVED

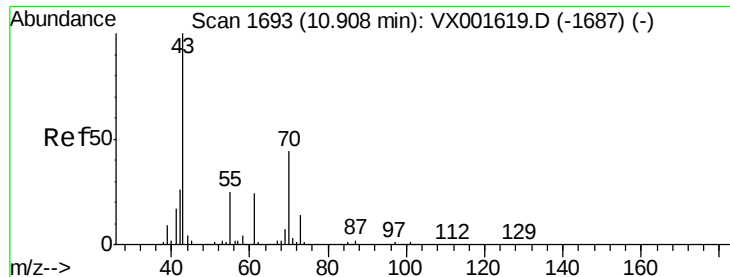
apatel
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#46
 Methyl methacrylate
 Concen: 20.96 ug/l
 RT: 7.79 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.8	38.4	115.2
39	58.1	29.0	87.1





#47

n-amvl Acetate

Concen: 18.15 ug/l

RT: 10.91 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC020

Tot Ion: 43 Resp: 118096

Ion Ratio Lower Upper

43 100

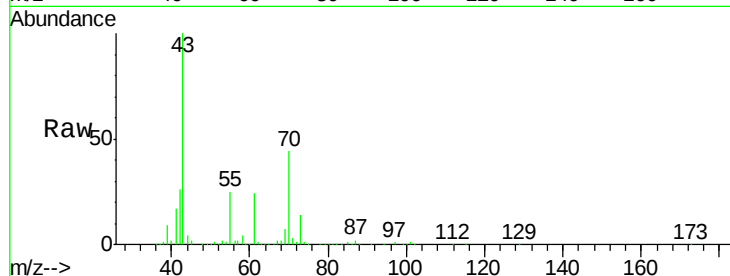
55 26.0 20.8 31.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.91

80000

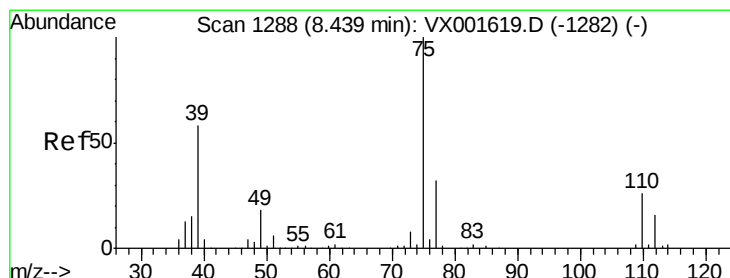
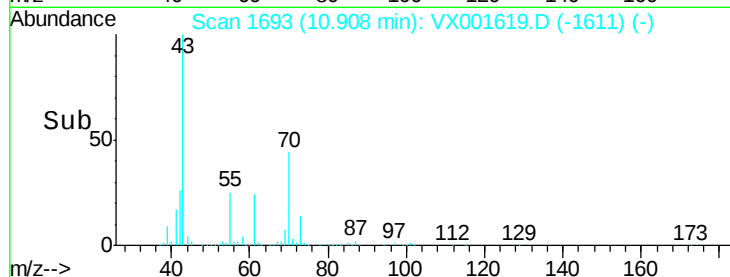
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.27 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001619.D

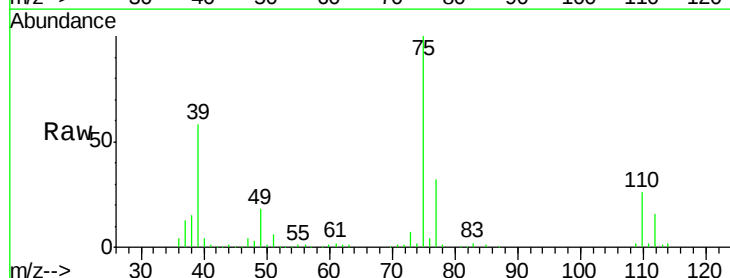
Acq: 10 May 2018 23:29

Tgt Ion: 75 Resp: 86358

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

8.44

60000

50000

40000

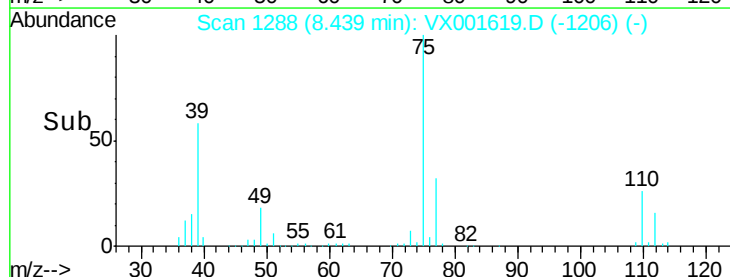
30000

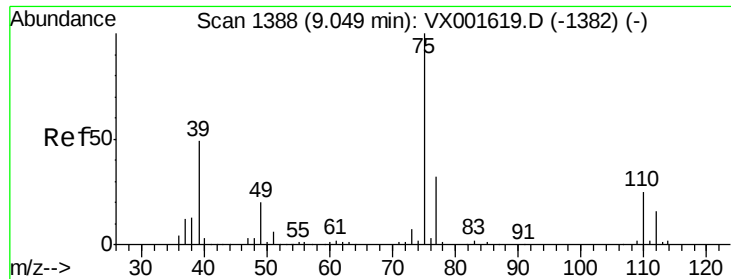
20000

10000

0

Time-->





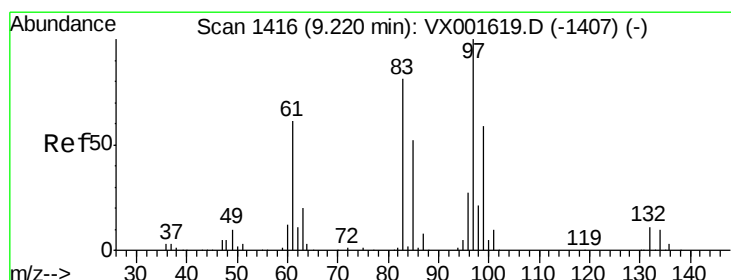
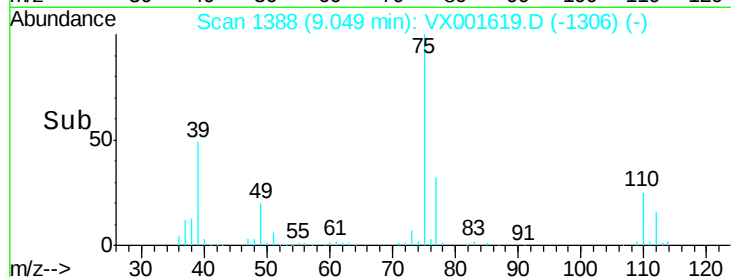
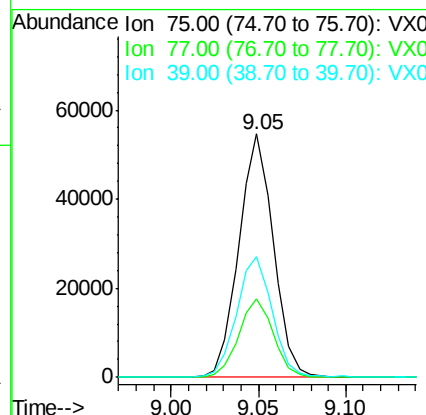
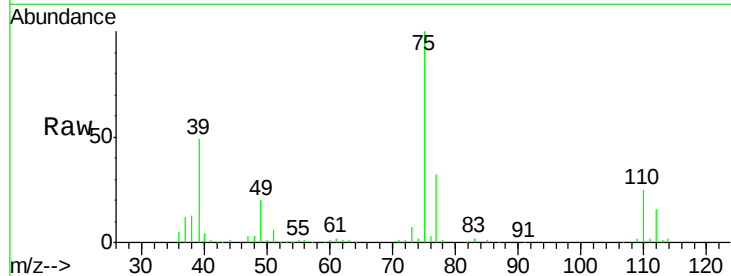
#49
 cis-1,3-Dichloropropene
 Concen: 16.82 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.6
39	49.2	39.4	59.0

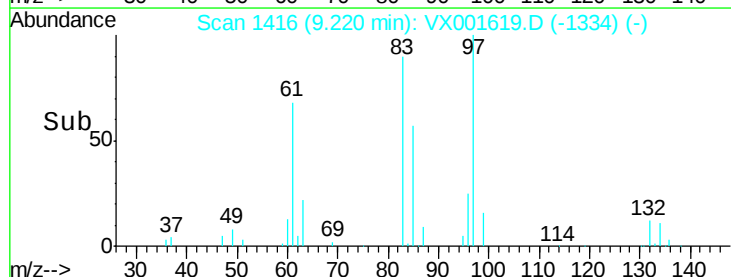
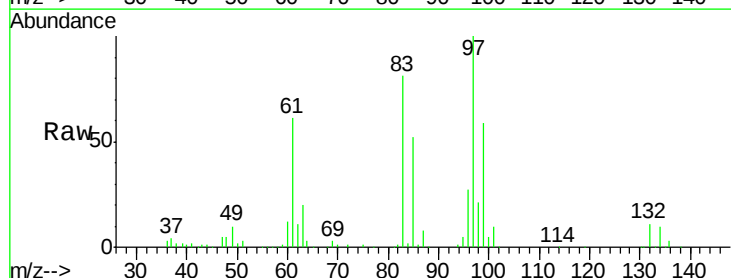
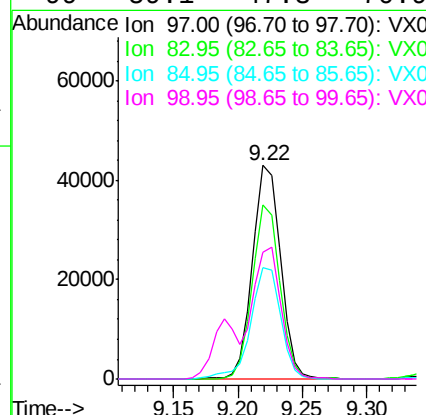
Manual Integrations
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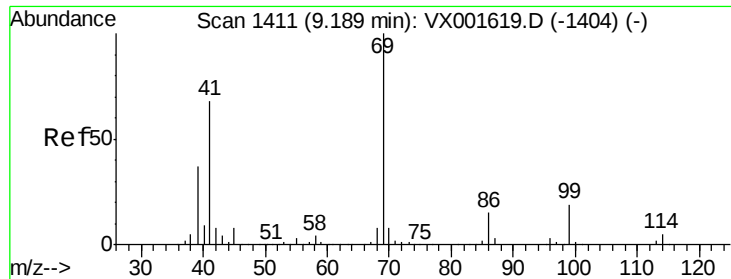
apatel
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#50
 1,1,2-Trichloroethane
 Concen: 20.28 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.3	65.0	97.6
85	51.9	41.5	62.3
99	59.1	47.3	70.9





#51

Ethyl methacrylate

Concen: 19.24 ug/l

RT: 9.19 min Scan# 1411

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

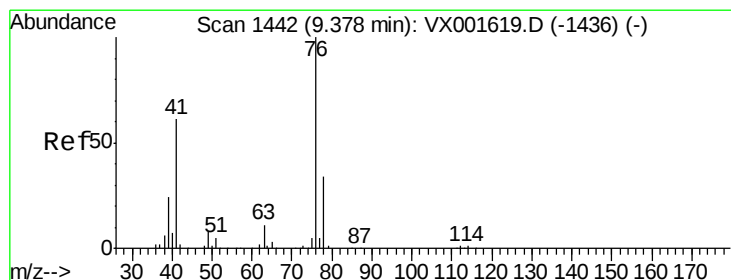
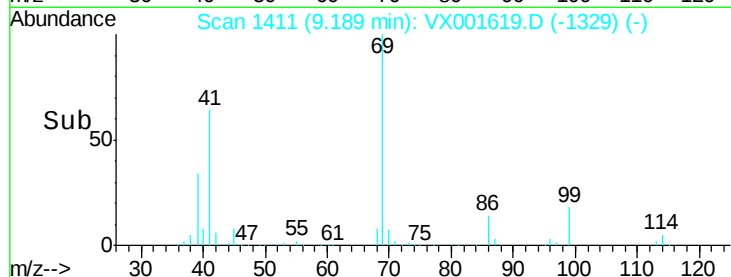
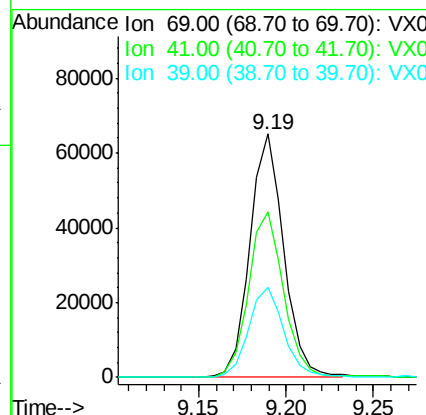
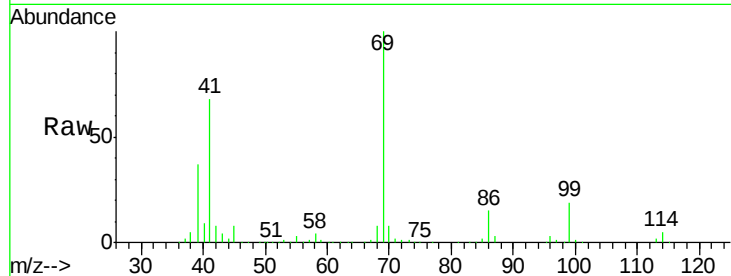
ClientSampleId :

VSTDICCC020

Tot Ion:	69	Resp:	87500
Ion	Ratio	Lower	Upper
69	100		
41	67.7	33.9	101.6
39	36.8	18.4	55.2

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.36 ug/l

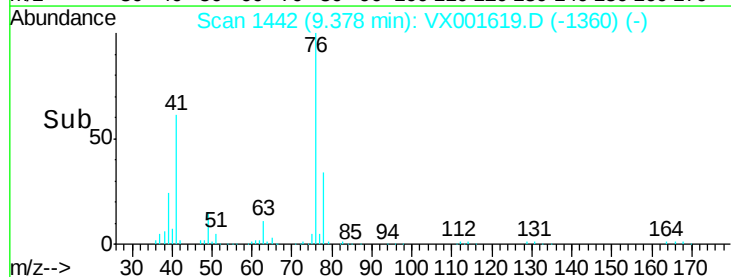
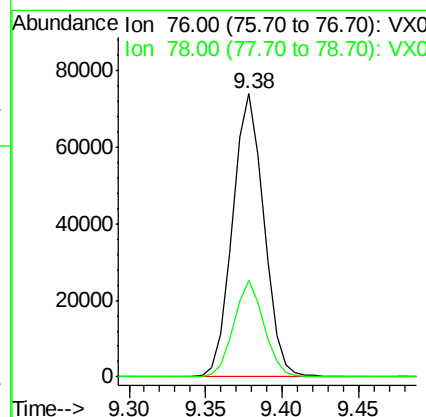
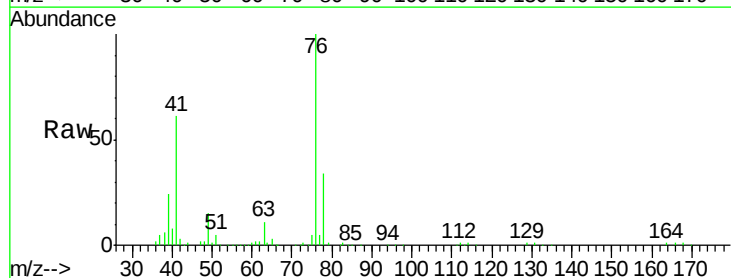
RT: 9.38 min Scan# 1442

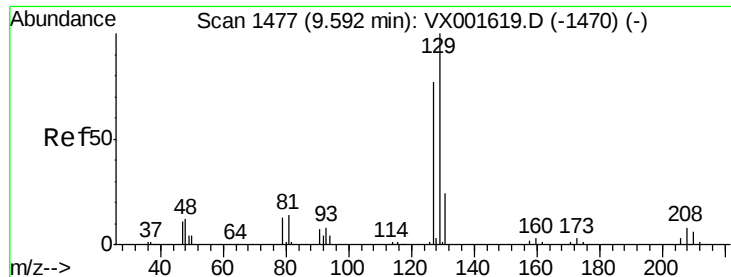
Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Tgt Ion:	76	Resp:	105482
Ion	Ratio	Lower	Upper
76	100		
78	32.9	0.0	65.8





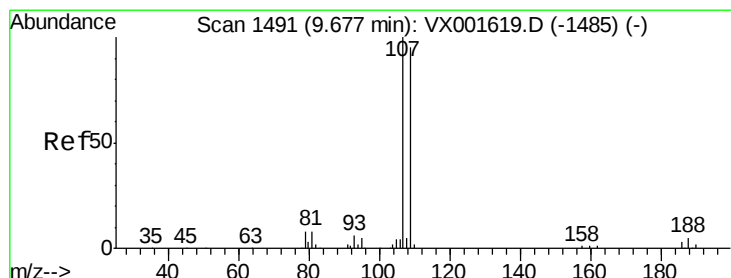
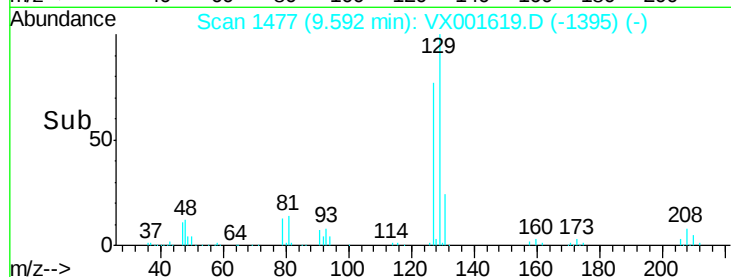
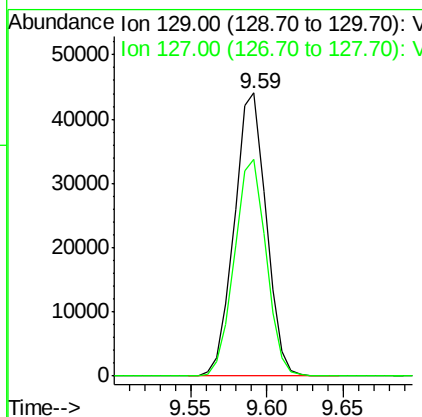
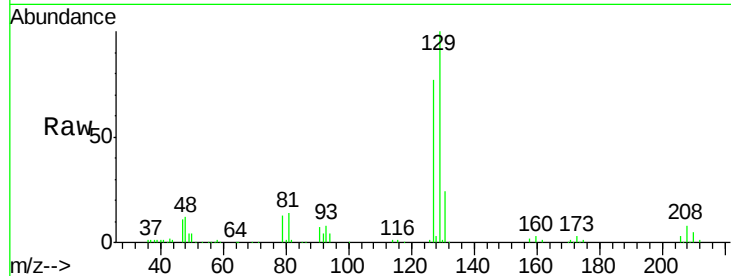
#53
 Dibromochloromethane
 Concen: 18.28 ug/l
 RT: 9.59 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:129 Resp: 63905
 Ion Ratio Lower Upper
 129 100
 127 75.8 37.9 113.7

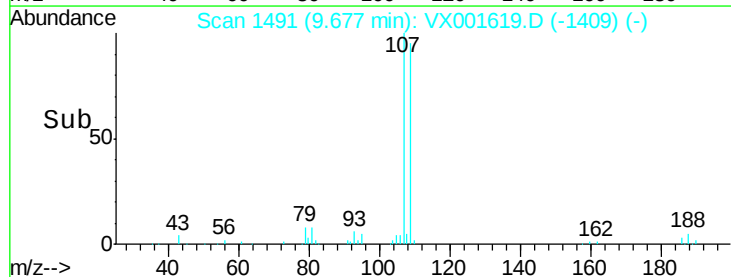
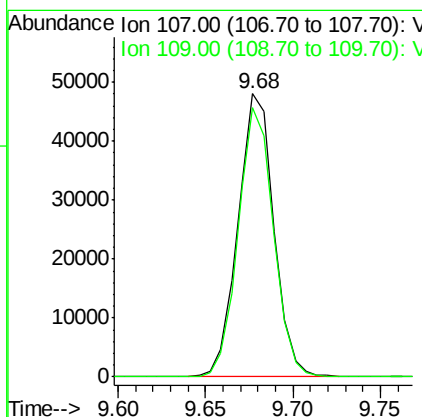
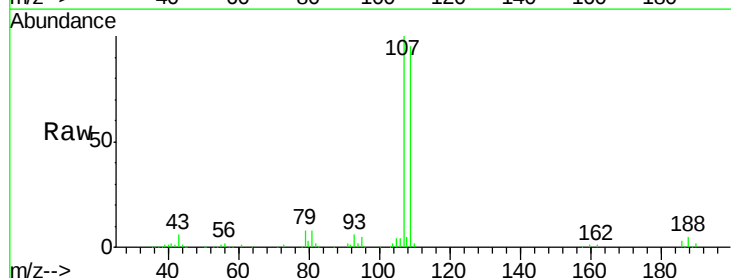
Manual Integrations
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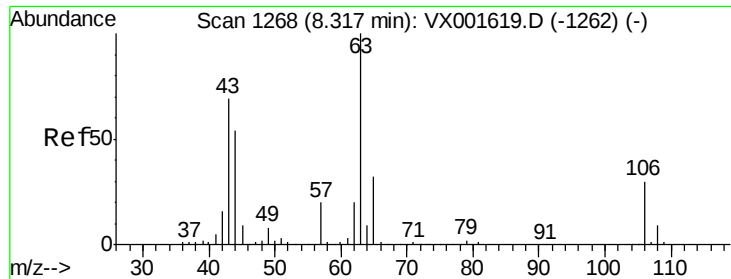
apatel
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#54
 1,2-Dibromoethane
 Concen: 19.93 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion:107 Resp: 68395
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.0 112.6





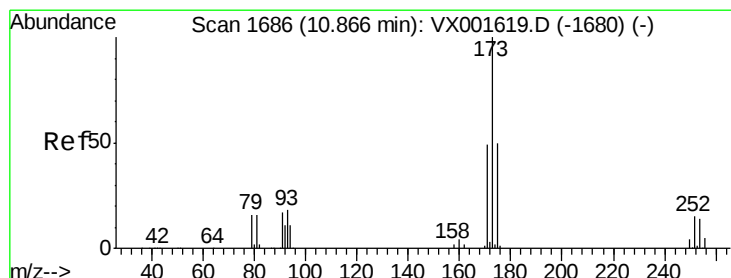
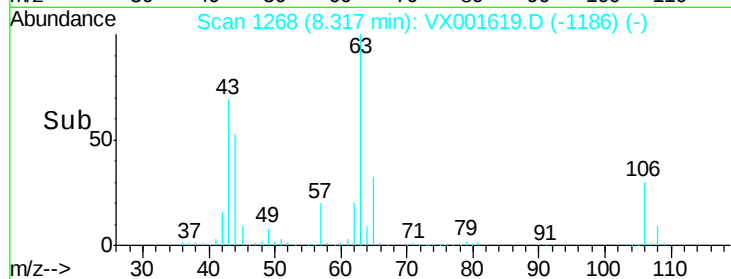
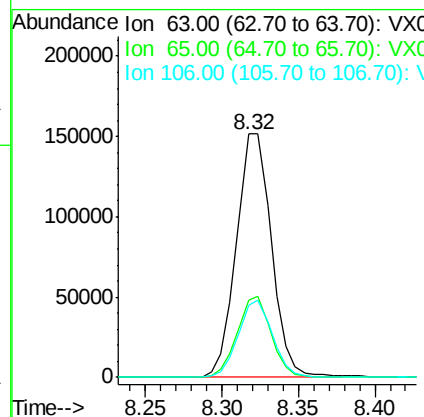
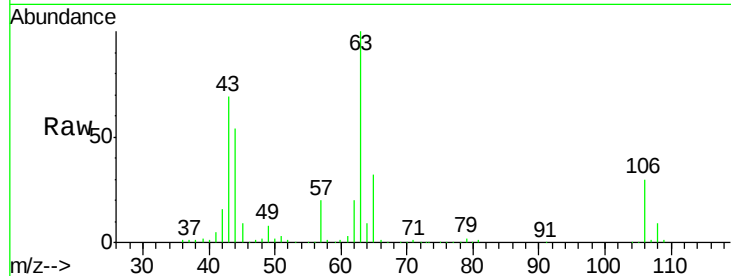
#55
2-Chloroethyl vinyl ether
Concen: 106.69 ug/l
RT: 8.32 min Scan# 1268
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.8	38.8
106	31.0	24.8	37.2

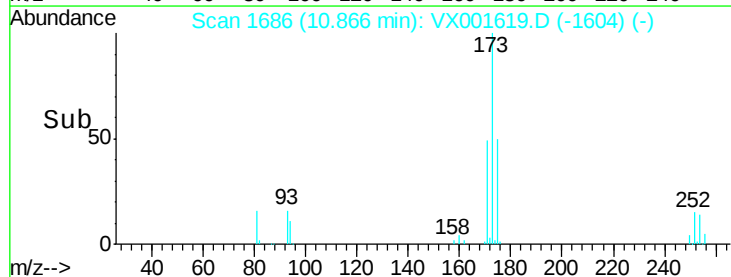
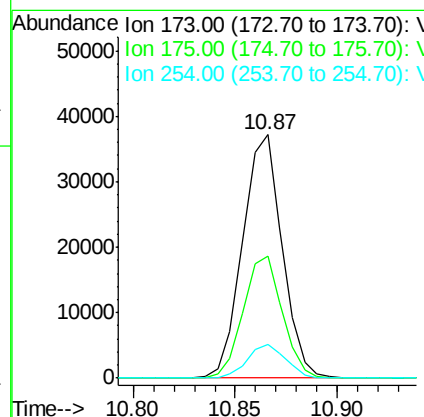
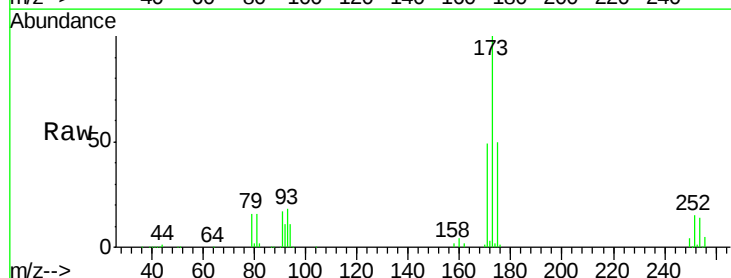
Manual Integrations
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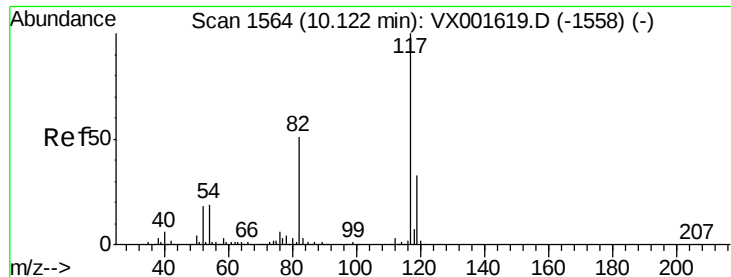
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#56
Bromoform
Concen: 17.42 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	39.8	59.8
254	13.4	10.7	16.1





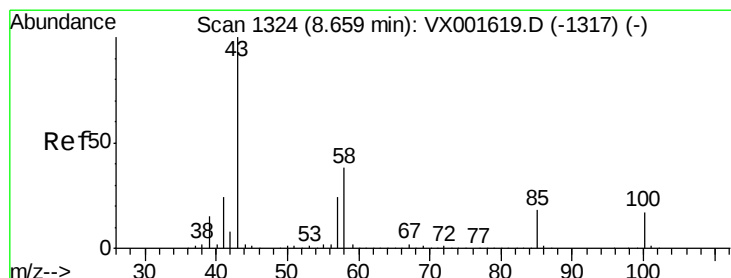
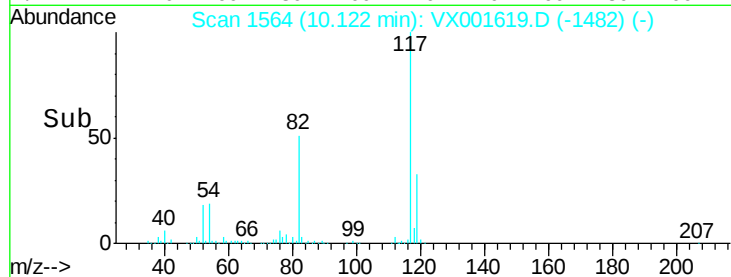
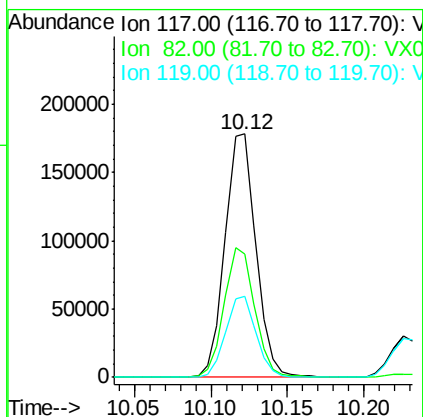
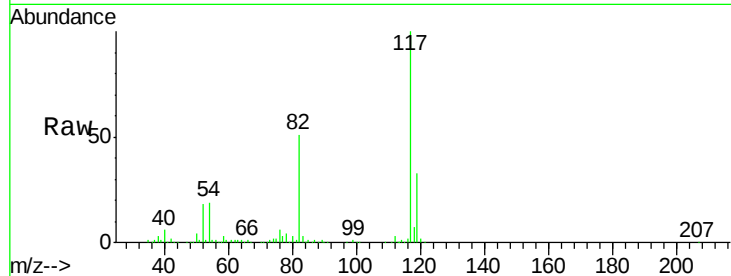
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	250743		
82	52.7		42.2	63.2
119	32.9		26.3	39.5

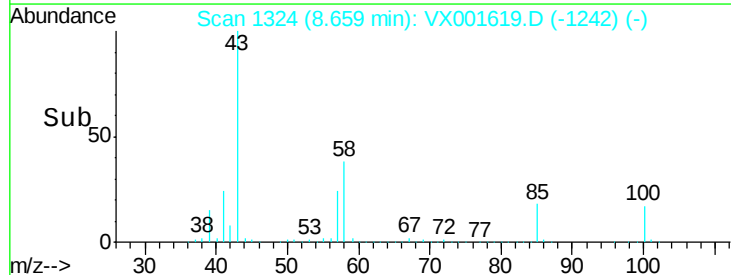
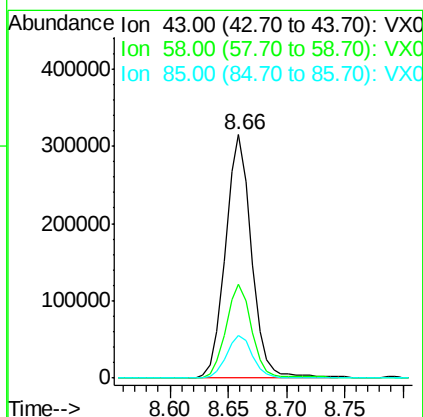
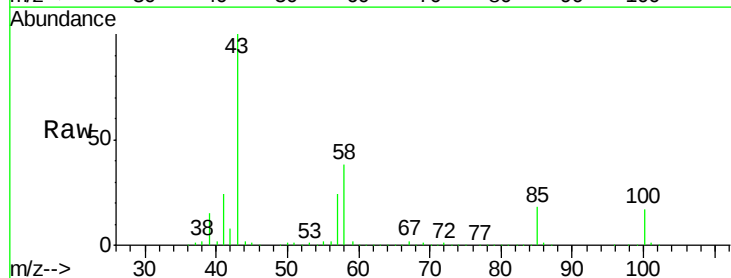
Manual Integrations
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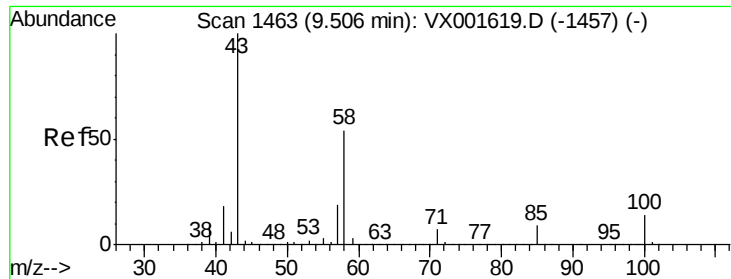
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#58
4-Methyl-2-Pentanone
Concen: 113.48 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	487325		
58	38.0		30.4	45.6
85	17.9		14.3	21.5





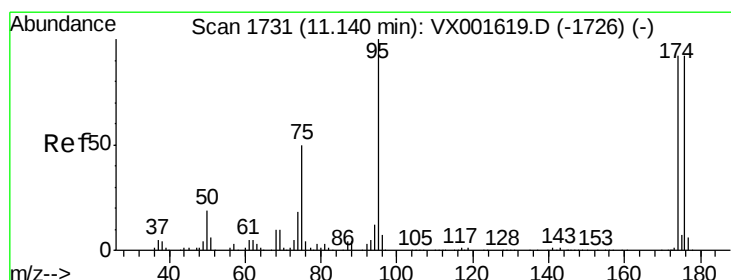
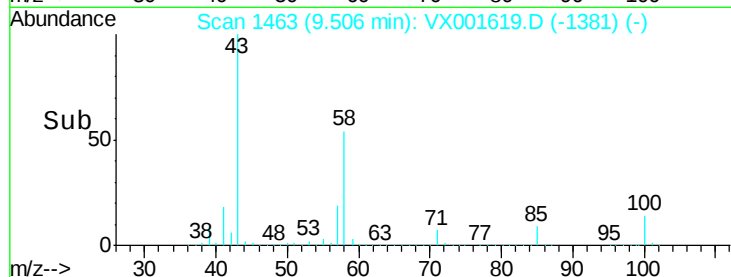
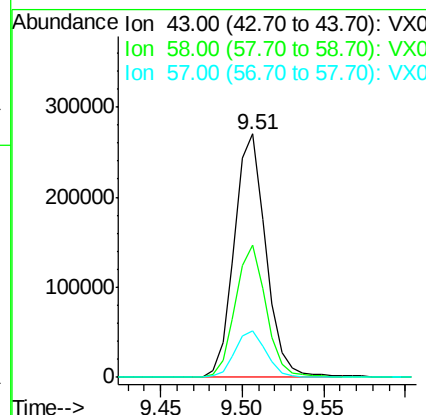
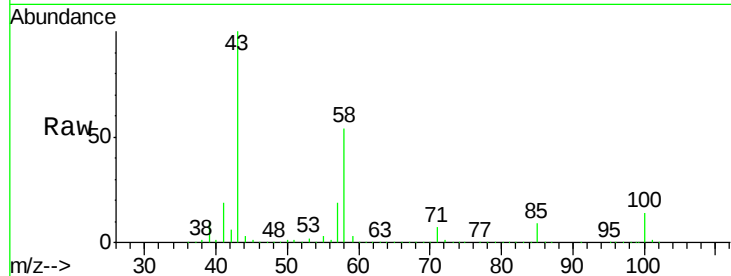
#59
2-Hexanone
Concen: 109.50 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.7	43.0	64.4
57	19.2	15.4	23.0

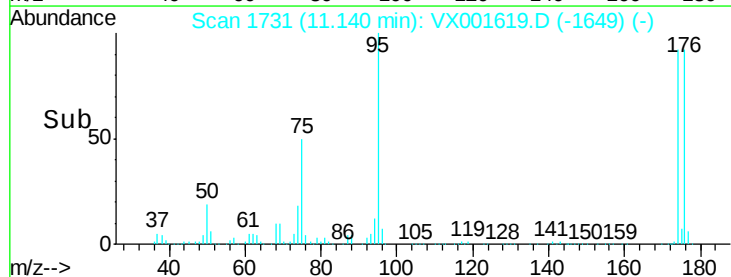
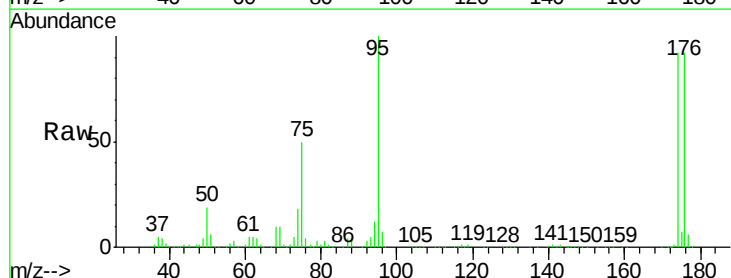
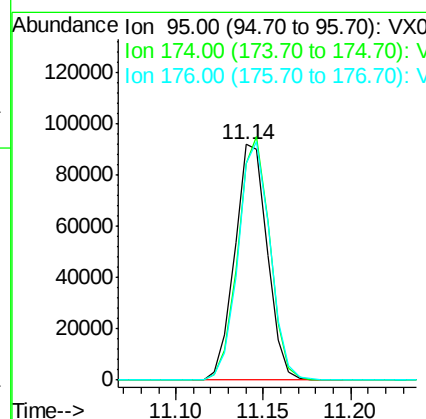
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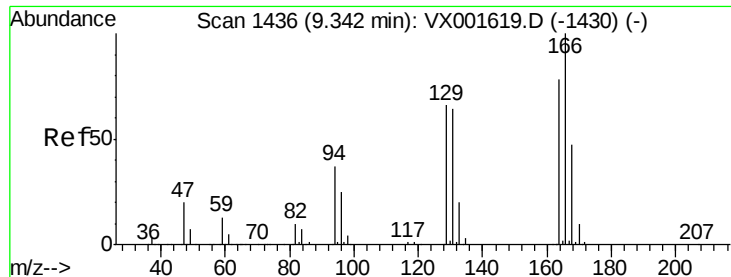
apatel
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#60
4-Bromofluorobenzene
Concen: 28.62 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	100.2	80.2	120.2
176	99.0	79.2	118.8





#61

Tetrachloroethene

Concen: 21.01 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:164 Resp: 80395

Ion Ratio Lower Upper

164 100

166 128.5 102.8 154.2

129 84.8 67.8 101.8

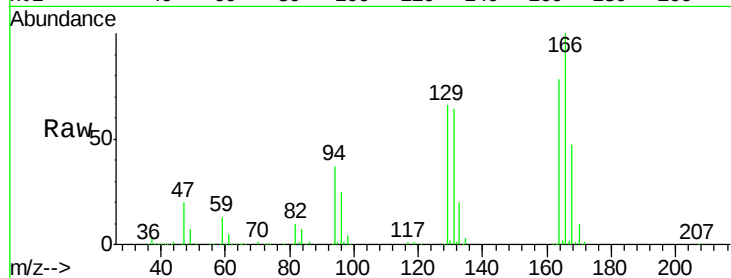
131 82.7 66.2 99.2

Manual Integrations

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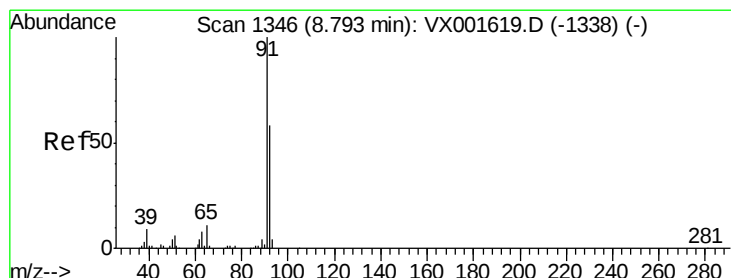
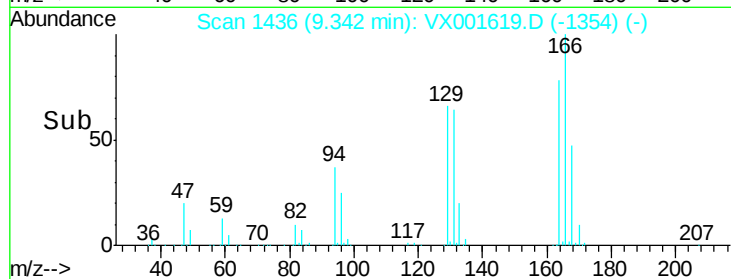
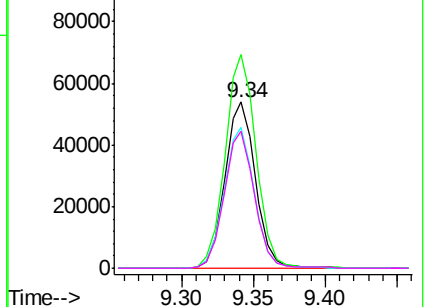


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.50 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001619.D

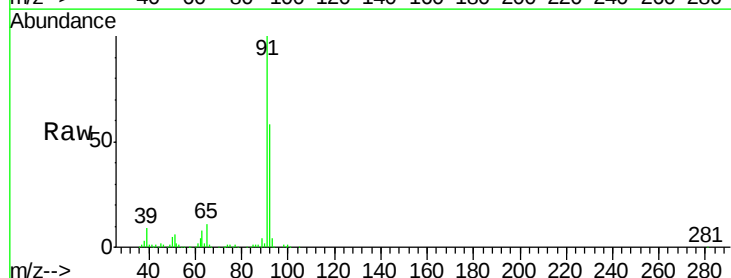
Acq: 10 May 2018 23:29

Tgt Ion: 91 Resp: 260892

Ion Ratio Lower Upper

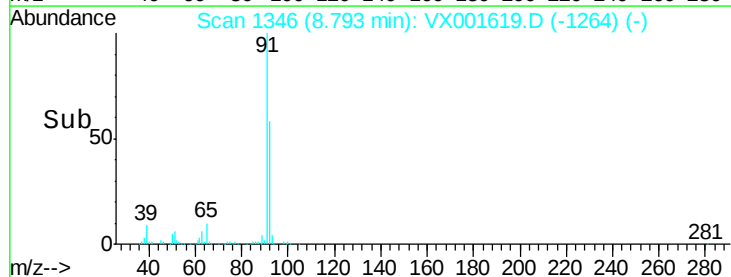
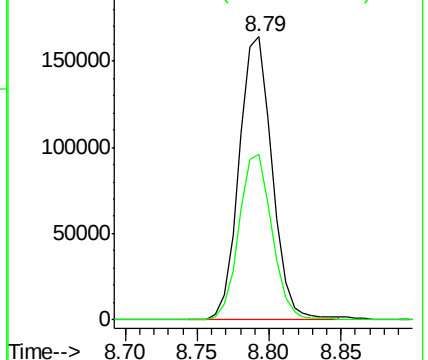
91 100

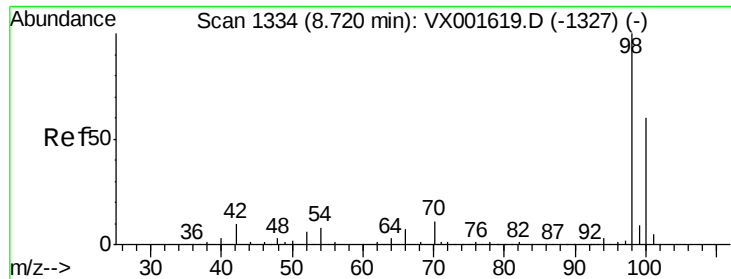
92 59.2 47.4 71.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.16 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 98 Resp: 338460

Ion Ratio Lower Upper

98 100

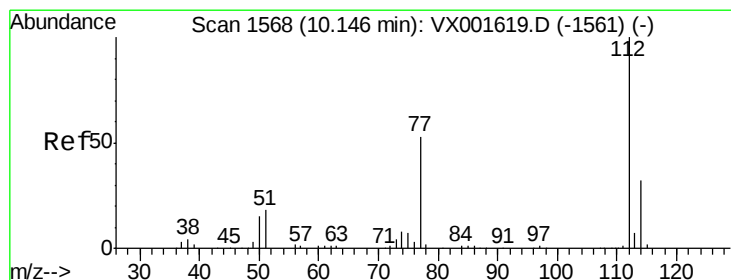
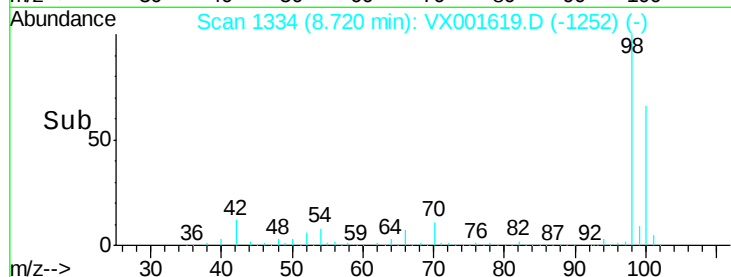
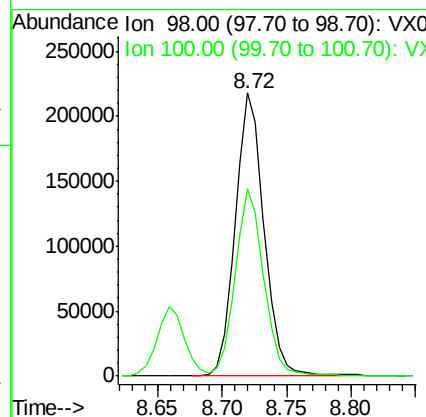
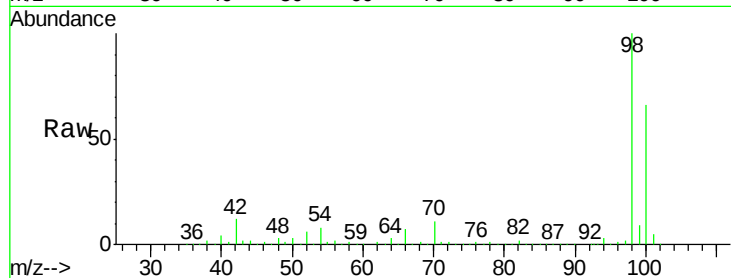
100 65.2 52.2 78.2

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#64

Chlorobenzene

Concen: 19.23 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001619.D

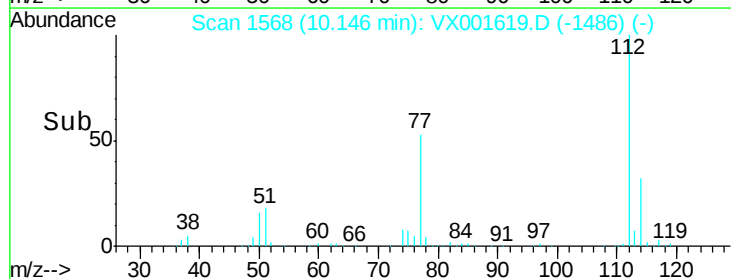
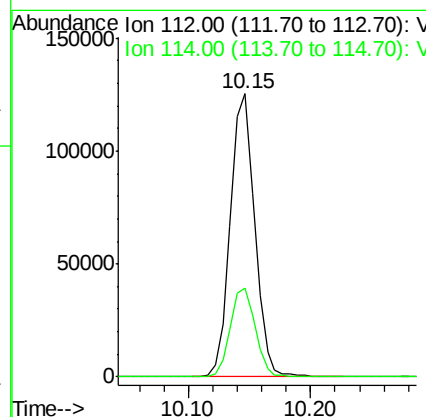
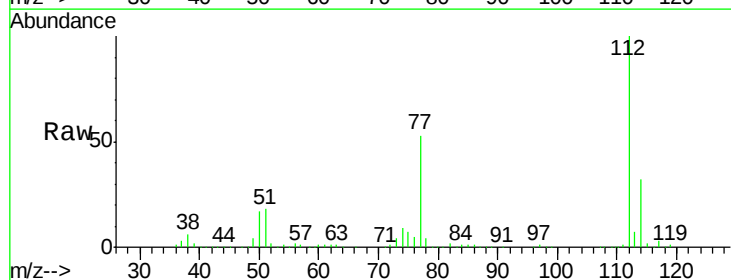
Acq: 10 May 2018 23:29

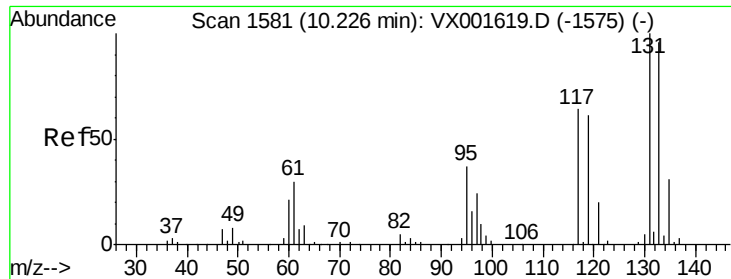
Tgt Ion: 112 Resp: 173256

Ion Ratio Lower Upper

112 100

114 31.6 25.3 37.9





#65

1,1,1,2-Tetrachloroethane

Concen: 19.54 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:131 Resp: 64285

Ion Ratio Lower Upper

131 100

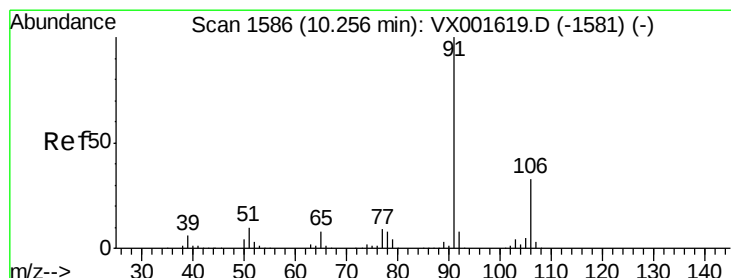
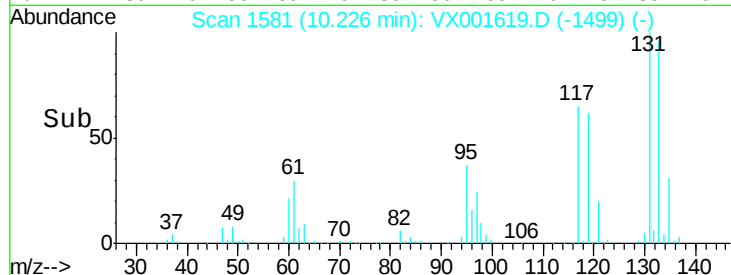
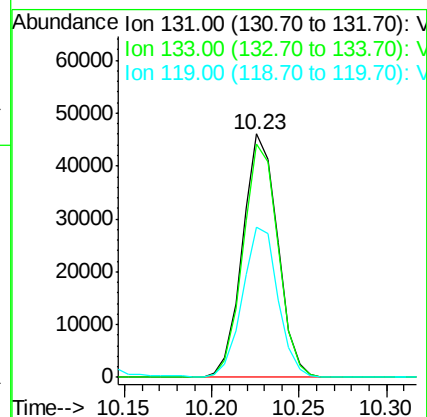
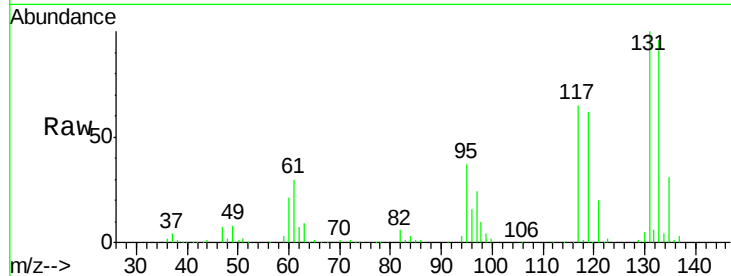
133 95.7 0.0 191.4

119 62.1 0.0 124.2

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#66

Ethyl Benzene

Concen: 18.39 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX001619.D

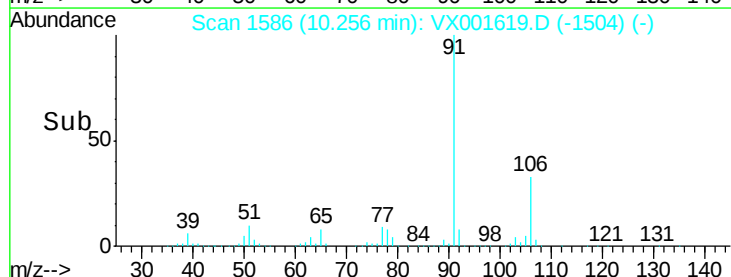
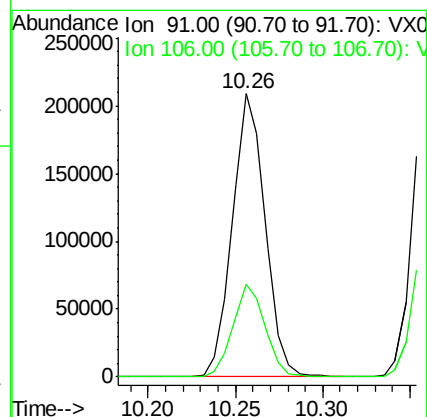
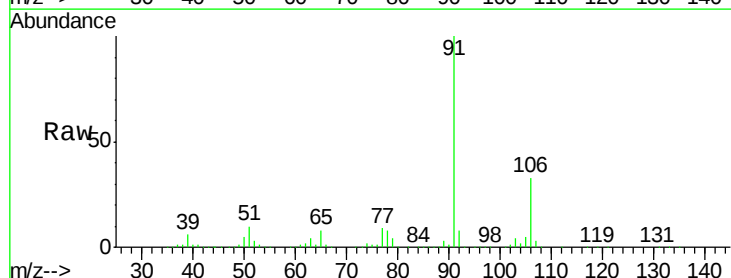
Acq: 10 May 2018 23:29

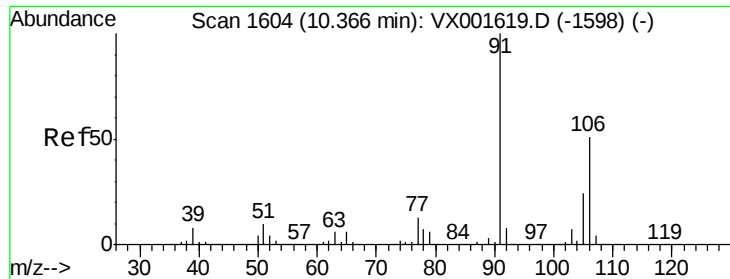
Tgt Ion: 91 Resp: 271237

Ion Ratio Lower Upper

91 100

106 32.8 26.2 39.4





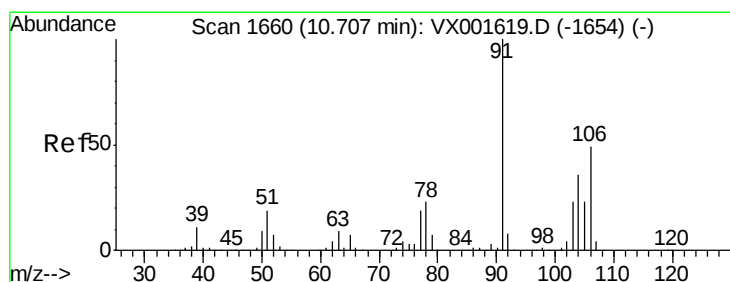
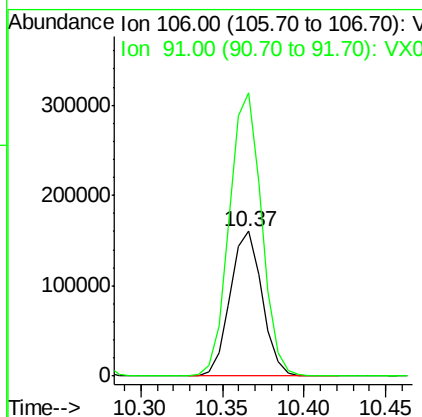
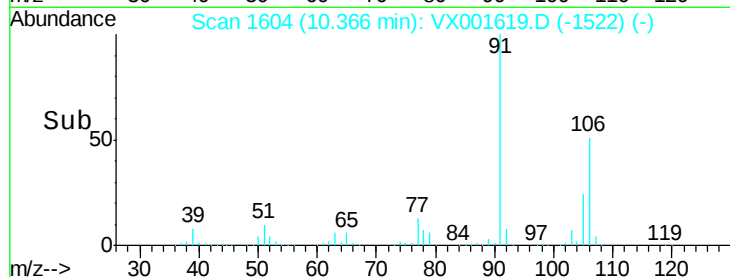
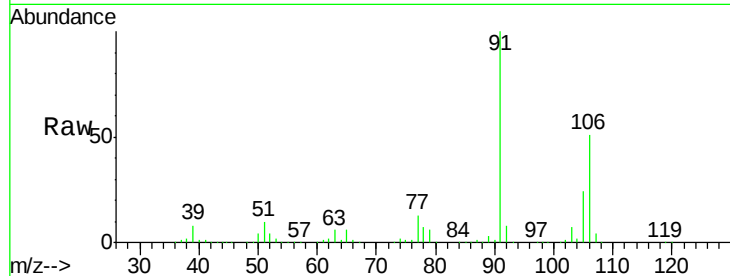
#67
m/p-Xvlenes
Concen: 37.13 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion:106 Resp: 218849
Ion Ratio Lower Upper
106 100
91 197.3 157.8 236.8

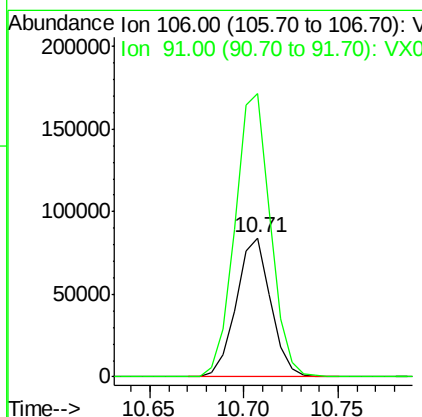
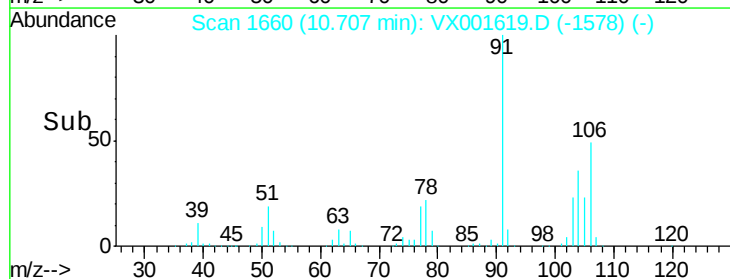
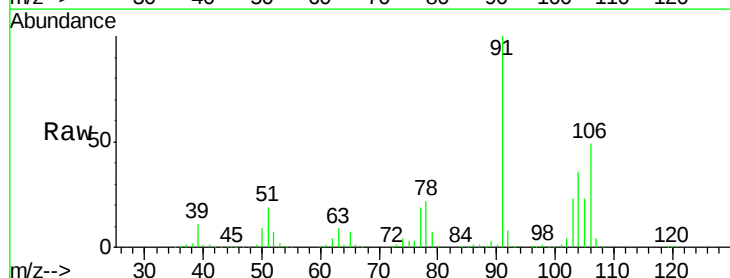
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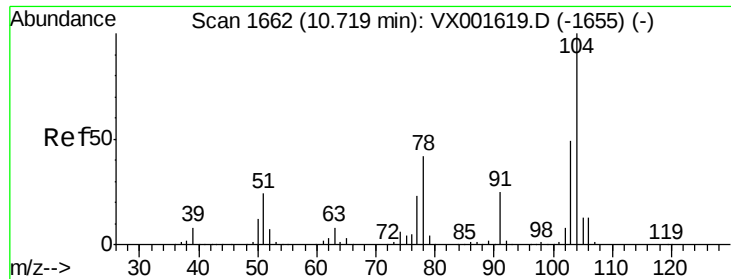
apatel
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#68
o-Xylene
Concen: 18.72 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion:106 Resp: 106518
Ion Ratio Lower Upper
106 100
91 208.5 104.3 312.8





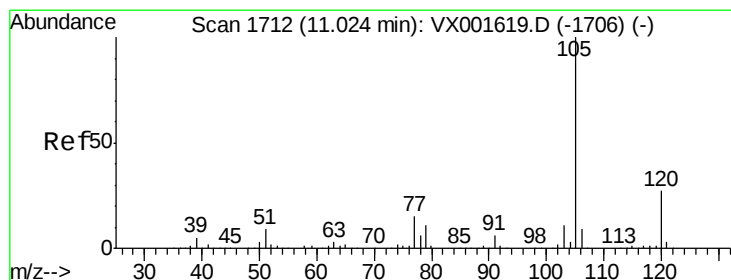
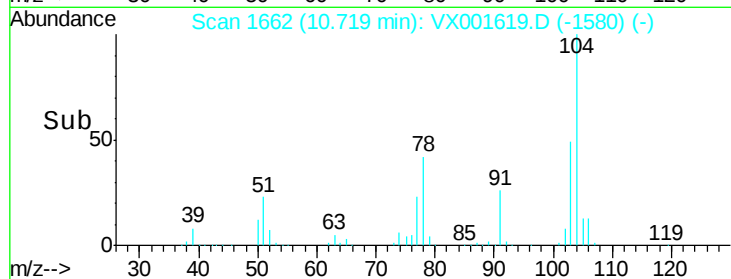
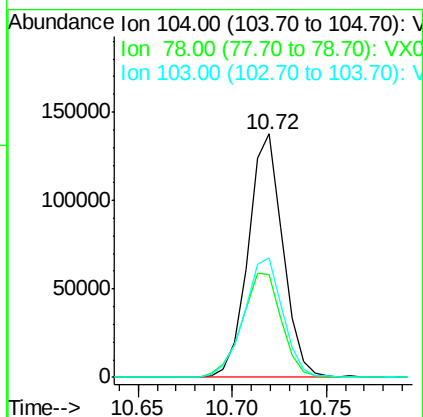
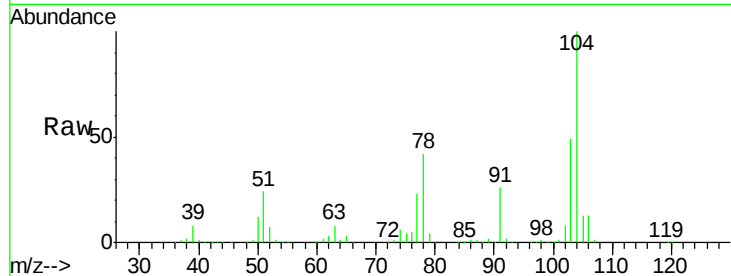
#69
Stvrene
Concen: 18.53 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	175524		
78	49.1	39.3	58.9	
103	54.6	43.7	65.5	

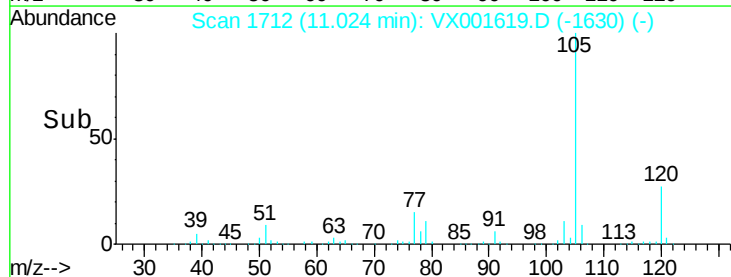
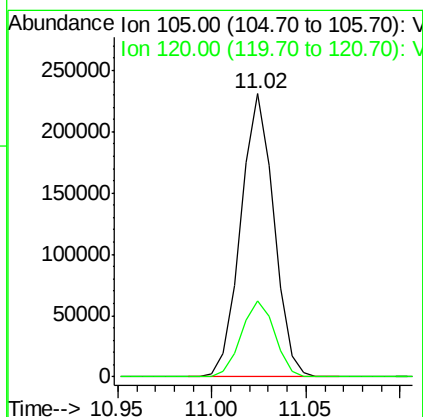
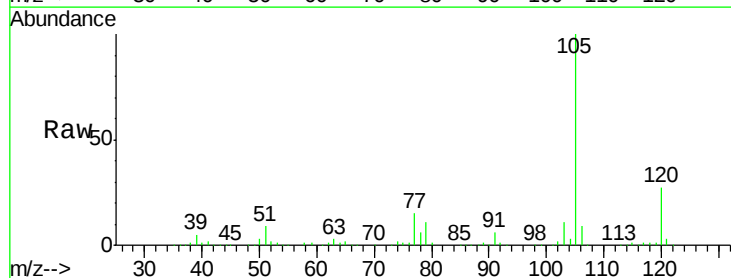
Manual Integrations
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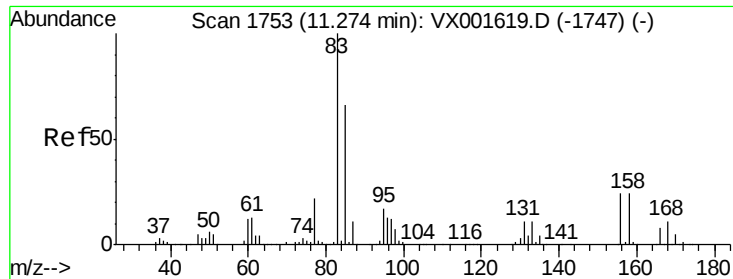
apatel
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#70
Isopropylbenzene
Concen: 18.29 ug/l
RT: 11.02 min Scan# 1712
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	281191		
120	27.3	19.1	35.5	





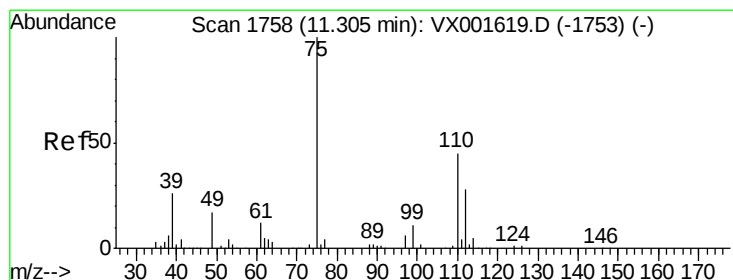
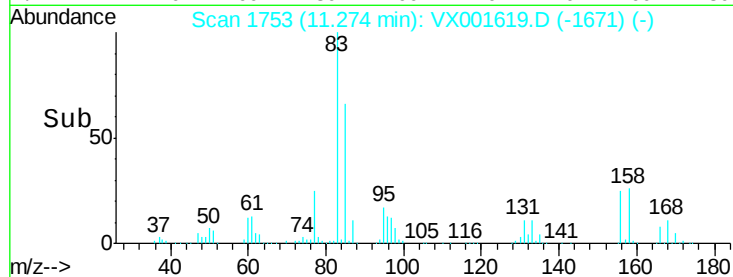
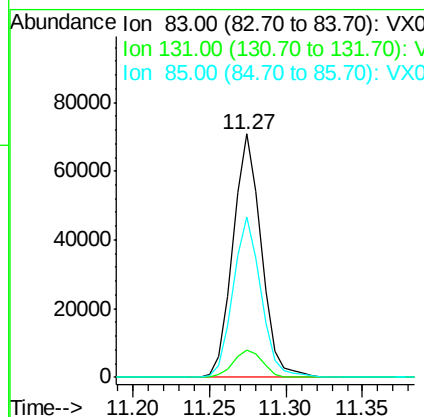
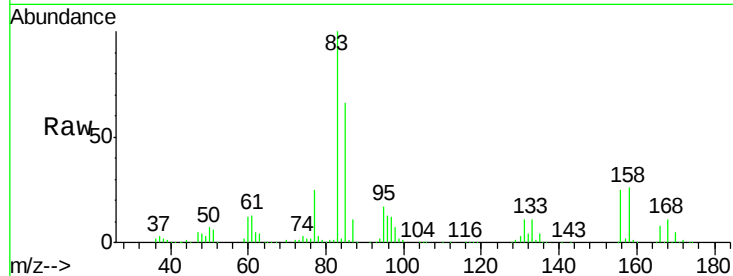
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.75 ug/l
 RT: 11.27 min Scan# 1753
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	11.6	5.8	17.4	
85	64.8	32.4	97.2	

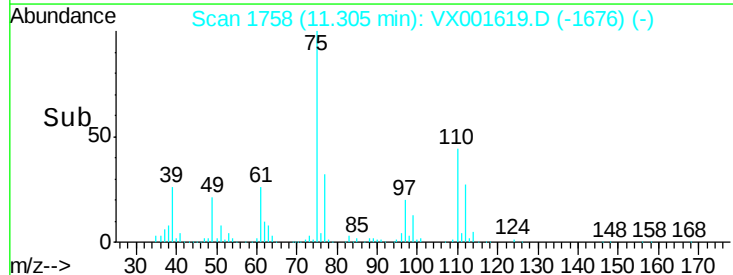
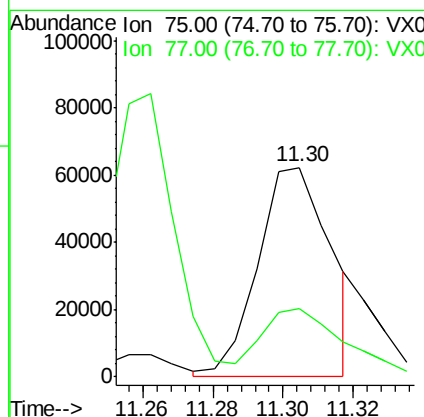
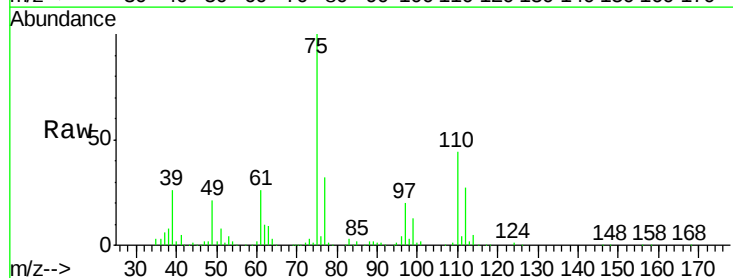
Manual Integrations
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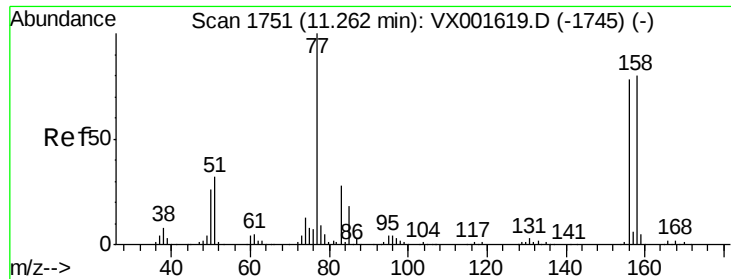
apatel
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#72
 1,2,3-Trichloropropane
 Concen: 21.53 ug/l m
 RT: 11.30 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	36.6	0.0	73.2	





#73

Bromobenzene

Concen: 18.41 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:156 Resp: 82678

Ion Ratio Lower Upper

156 100

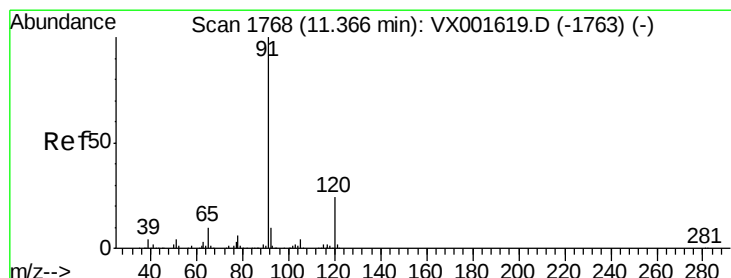
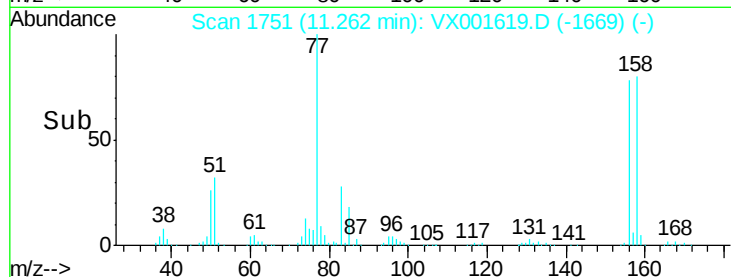
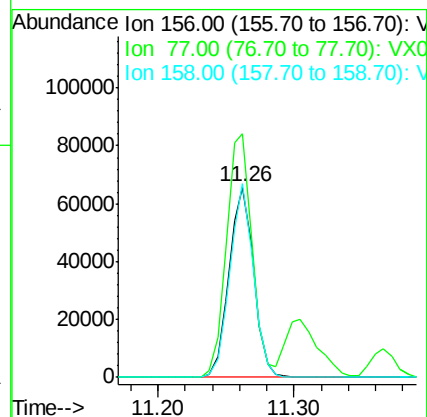
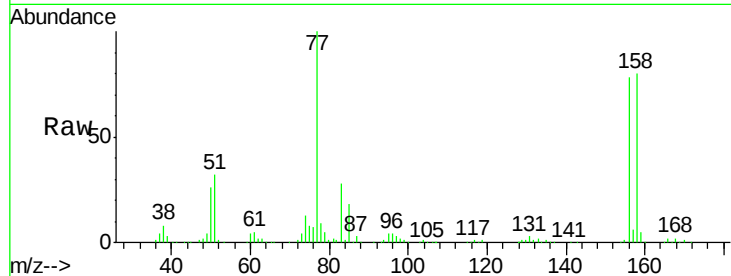
77 133.2 0.0 266.4

158 97.2 0.0 194.4

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#74

n-propylbenzene

Concen: 17.85 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001619.D

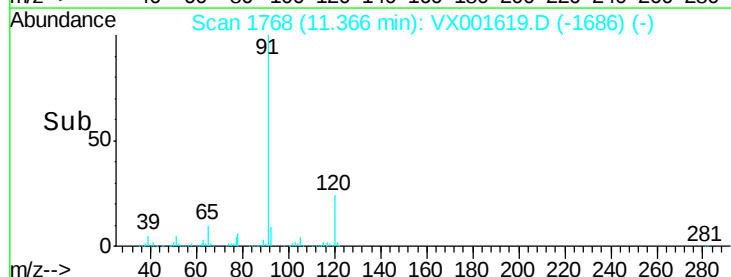
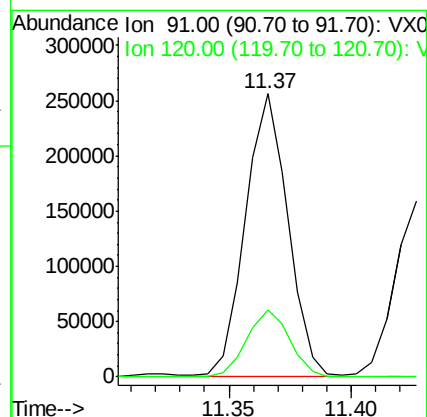
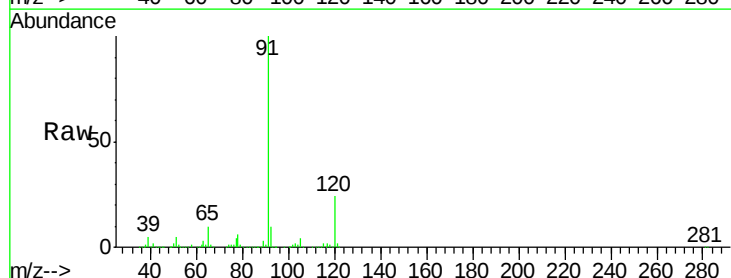
Acq: 10 May 2018 23:29

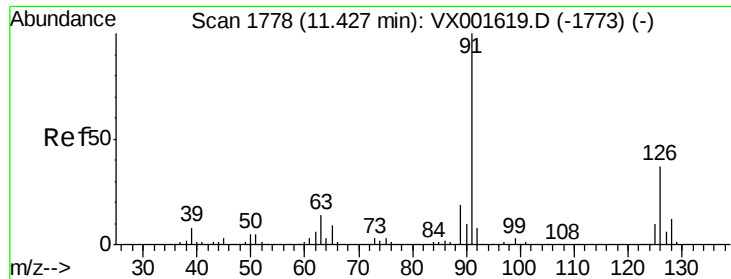
Tgt Ion: 91 Resp: 309311

Ion Ratio Lower Upper

91 100

120 24.0 0.0 48.0





#75

2-Chlorotoluene

Concen: 18.37 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 193544

Ion Ratio Lower Upper

91 100

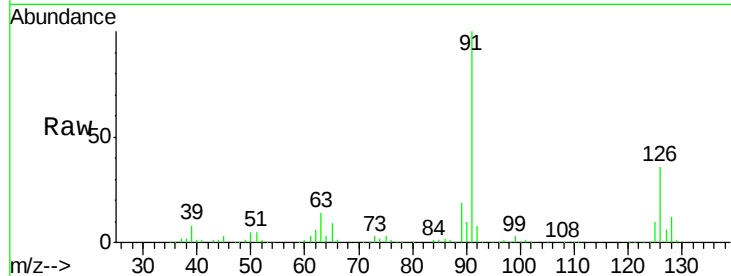
126 36.0 0.0 72.0

Manual Integrations

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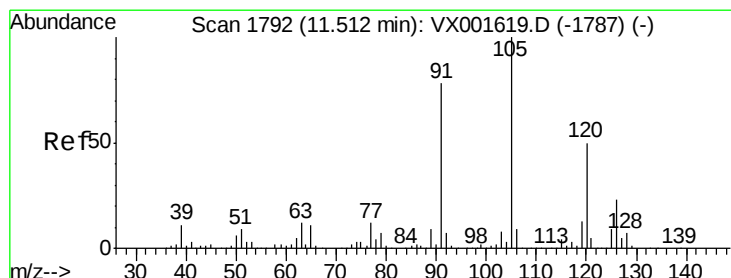
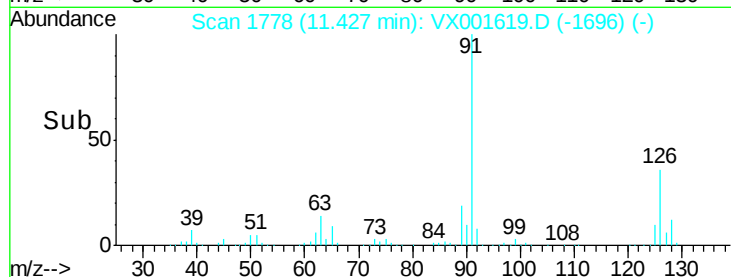
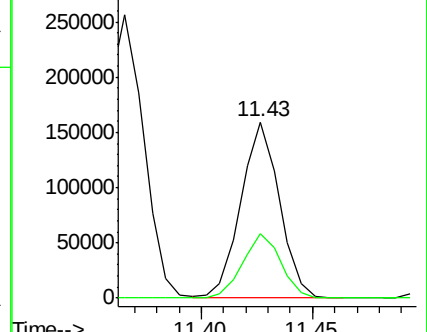
apatel

5/14/2018 3:57:28 PM



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

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



#76

1,3,5-Trimethylbenzene

Concen: 17.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001619.D

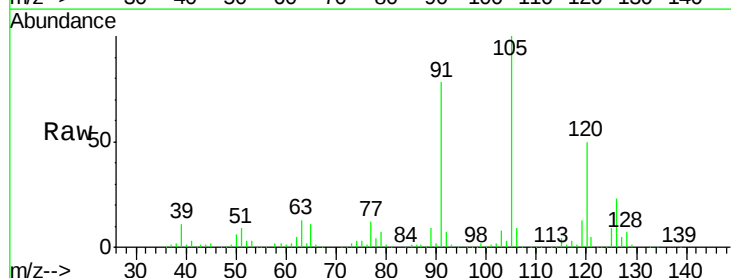
Acq: 10 May 2018 23:29

Tgt Ion: 105 Resp: 235421

Ion Ratio Lower Upper

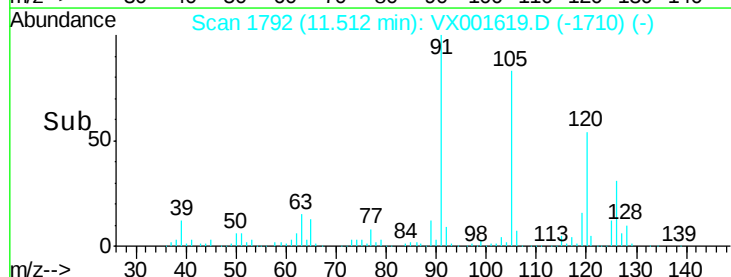
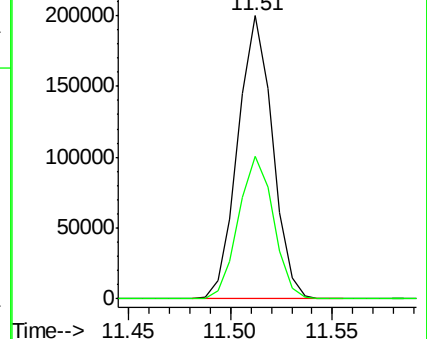
105 100

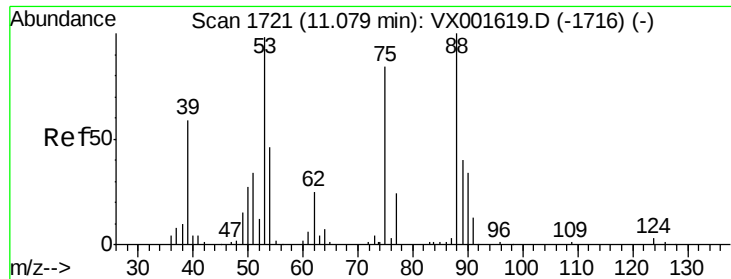
120 50.9 0.0 101.8



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

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





#77

t-1,4-Dichloro-2-butene

Concen: 16.97 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001619.D

Acq: 10 May 2018 23:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 75 Resp: 20798

Ion Ratio Lower Upper

75 100

53 116.5 58.3 174.8

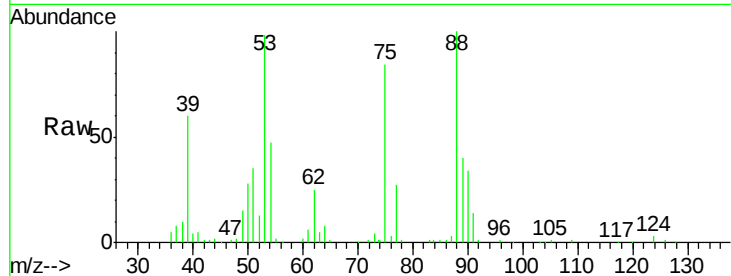
89 47.9 23.9 71.8

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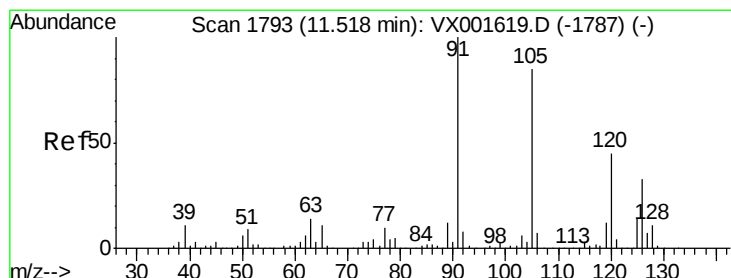
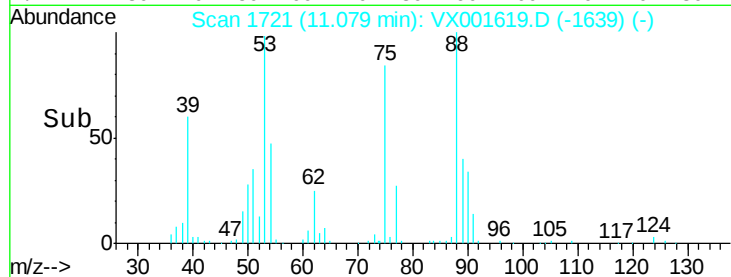
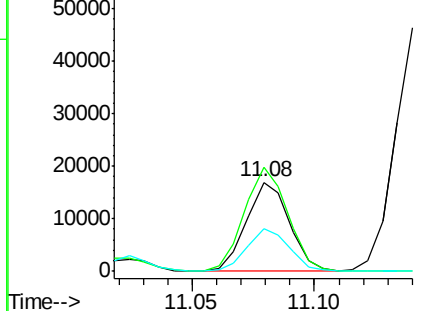
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Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 17.55 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001619.D

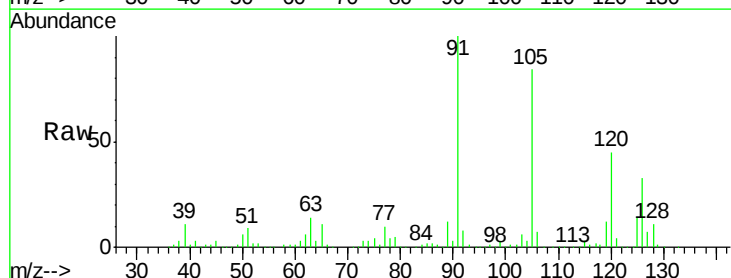
Acq: 10 May 2018 23:29

Tgt Ion: 91 Resp: 218313

Ion Ratio Lower Upper

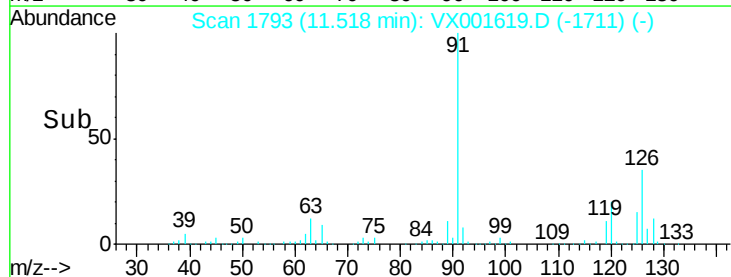
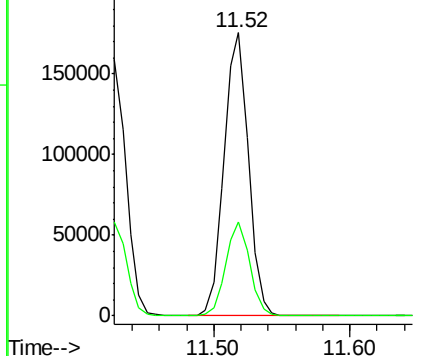
91 100

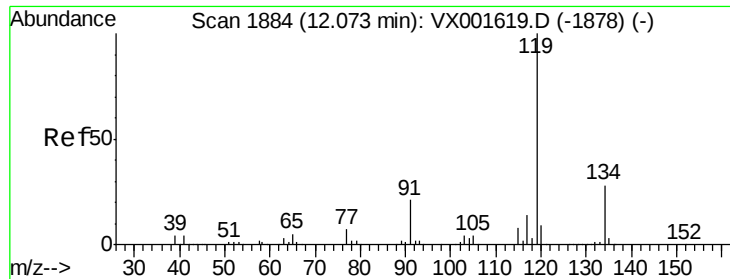
126 32.4 0.0 64.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





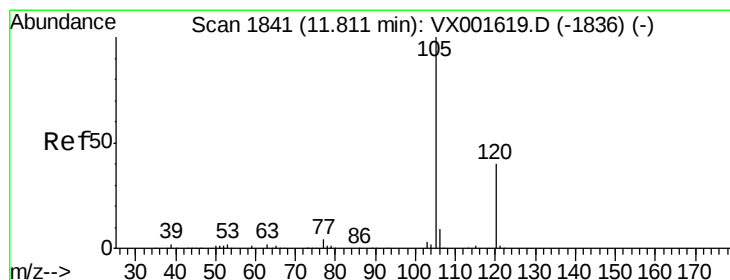
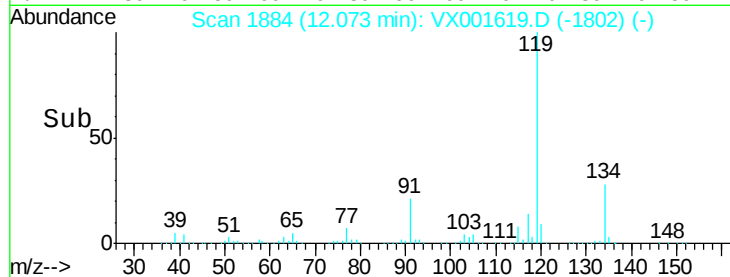
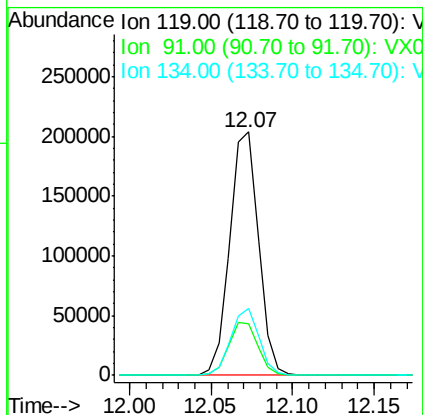
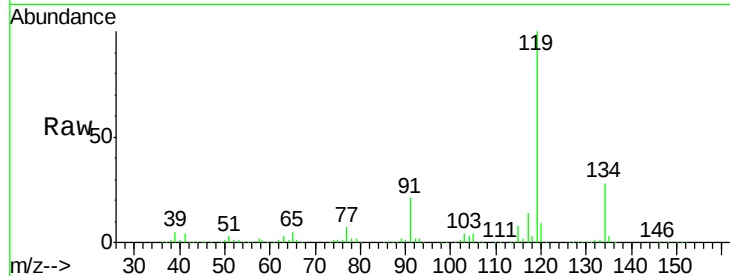
#79
tert-butylbenzene
Concen: 17.83 ug/l
RT: 12.07 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	249603		
91	22.0	0.0	44.0	
134	26.9	0.0	53.8	

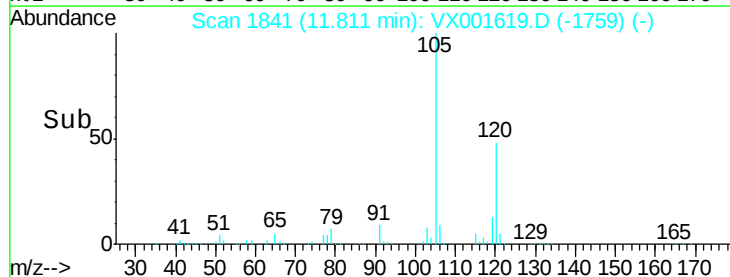
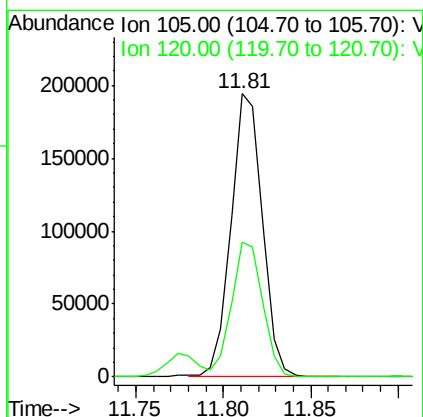
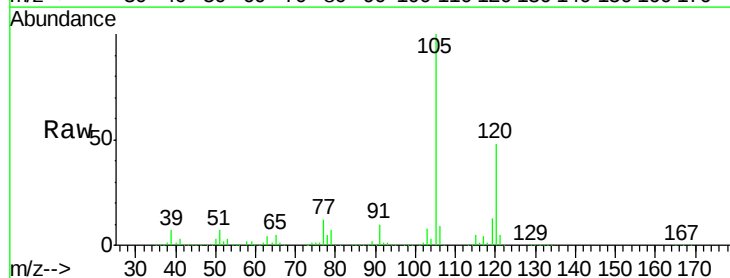
Manual Integrations
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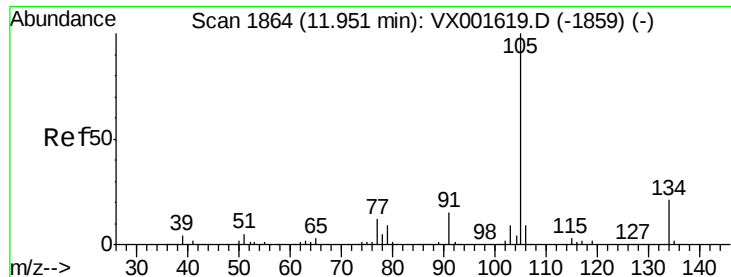
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 18.17 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	241647		
120	47.0	0.0	94.0	





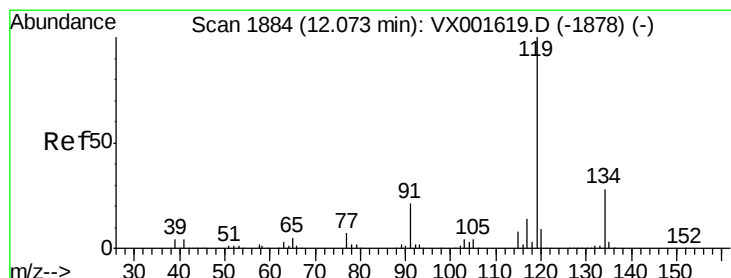
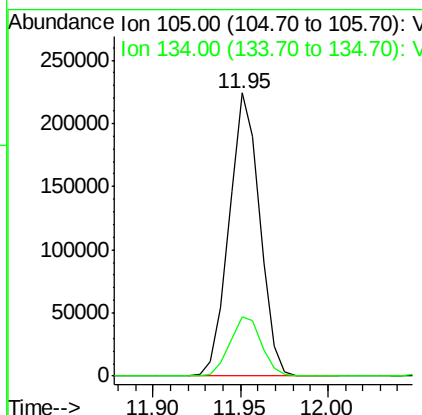
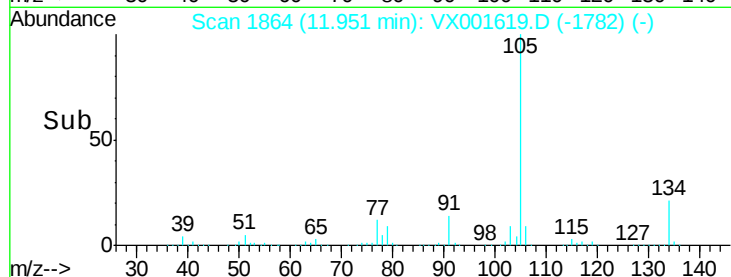
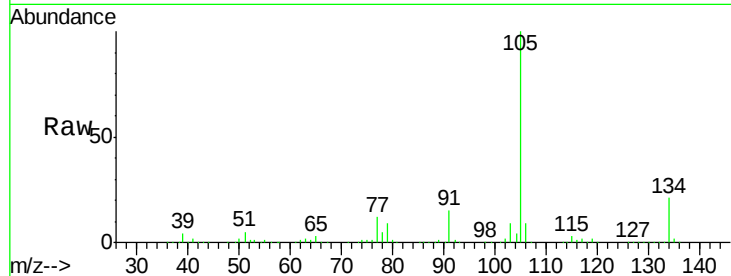
#81
 sec-Butylbenzene
 Concen: 17.94 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.7	0.0	43.4

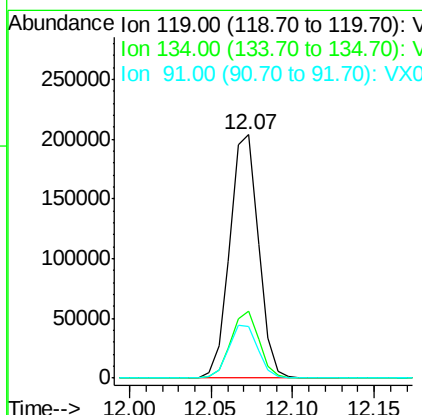
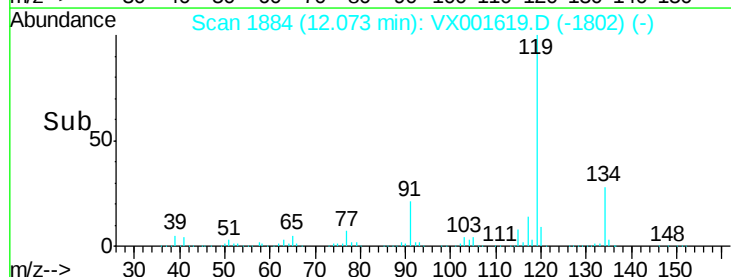
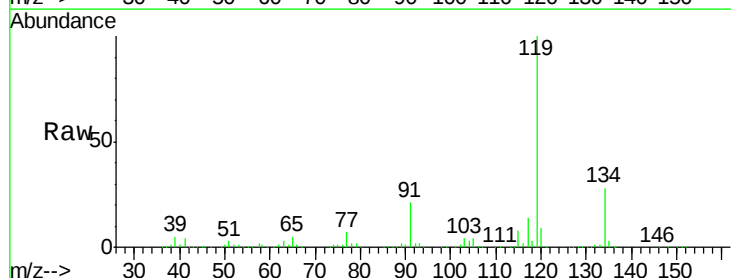
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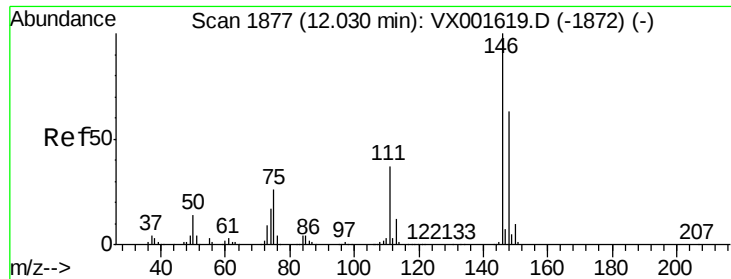
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#82
 p-Isopropyltoluene
 Concen: 17.83 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	53.8
91	22.0	0.0	44.0





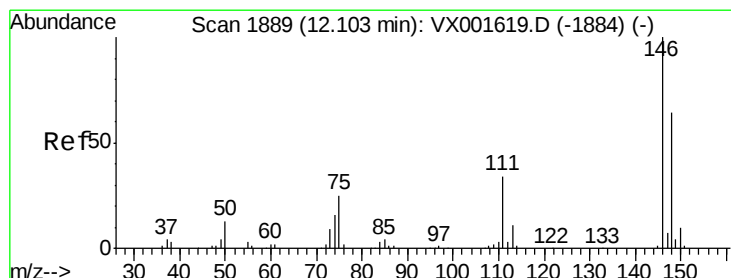
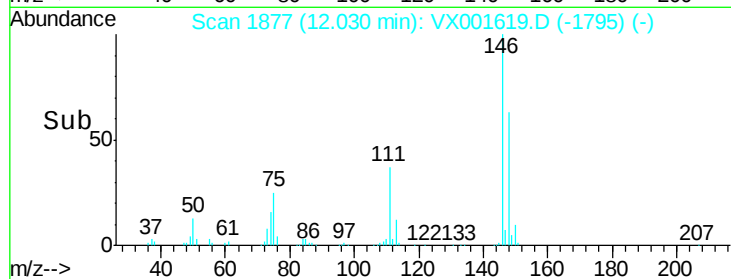
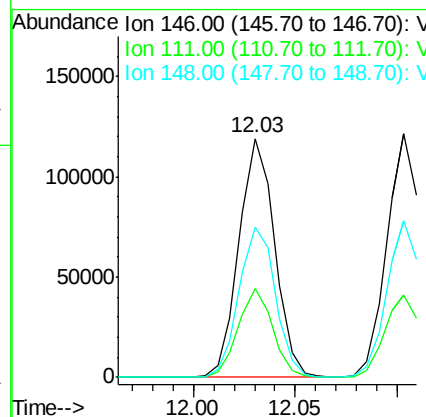
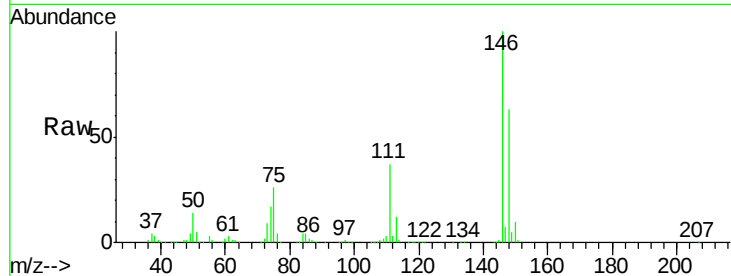
#83
 1,3-Dichlorobenzene
 Concen: 17.75 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	64.4	32.2	96.6

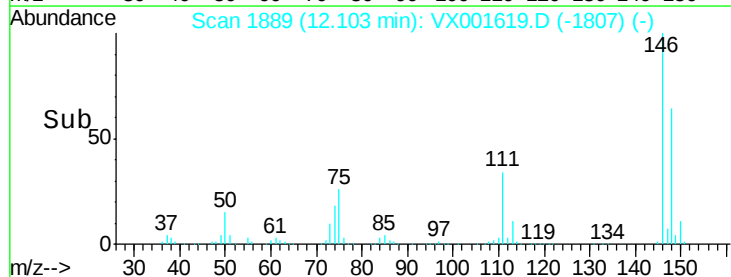
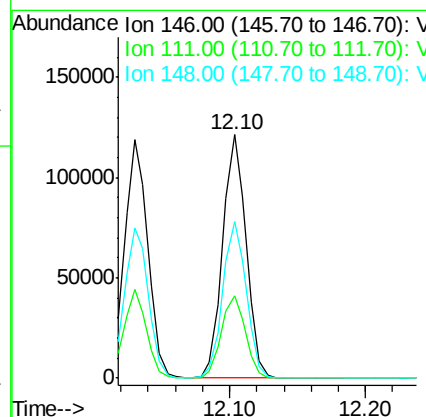
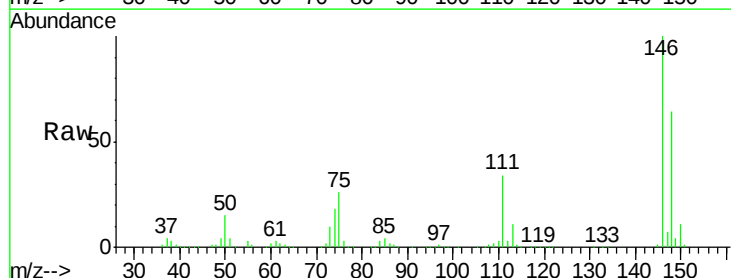
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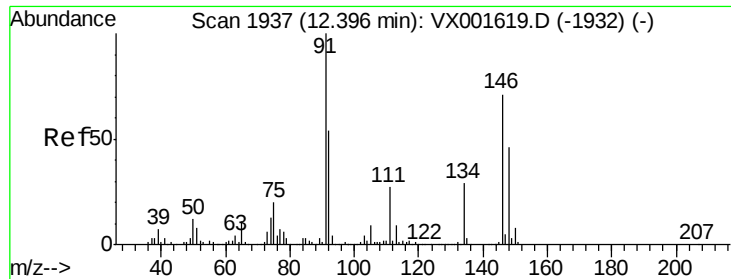
apatel
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#84
 1,4-Dichlorobenzene
 Concen: 17.53 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	34.9	17.4	52.3
148	64.9	32.5	97.4





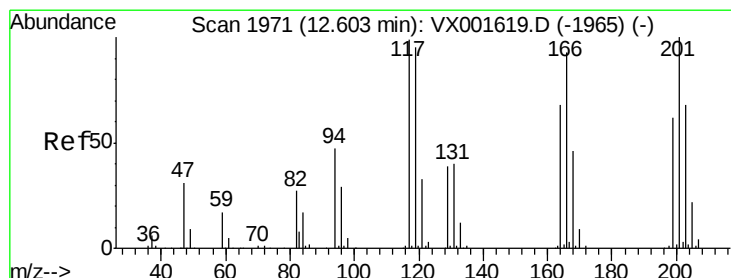
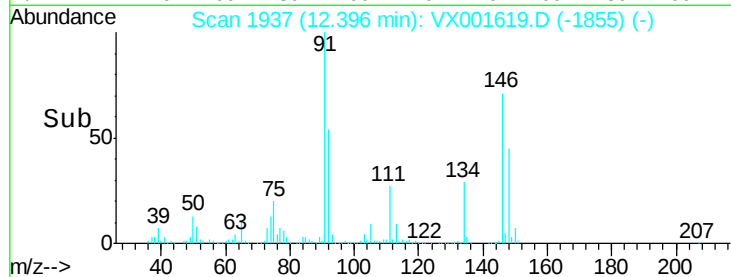
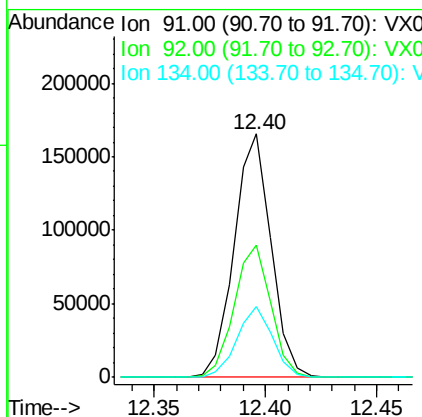
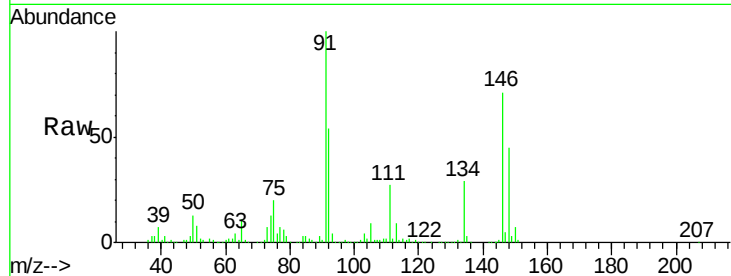
#85
n-Butylbenzene
Concen: 15.96 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	190670		
92	53.9	0.0	107.8	
134	28.4	0.0	56.8	

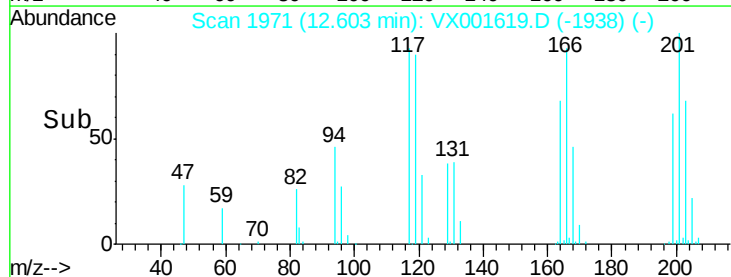
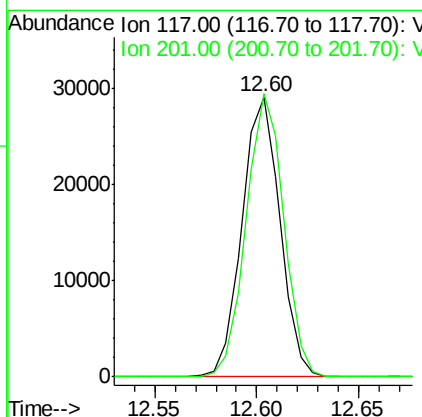
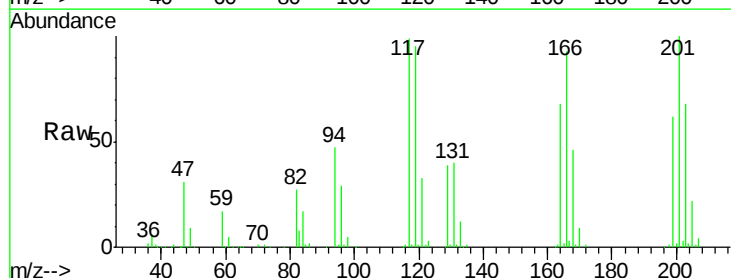
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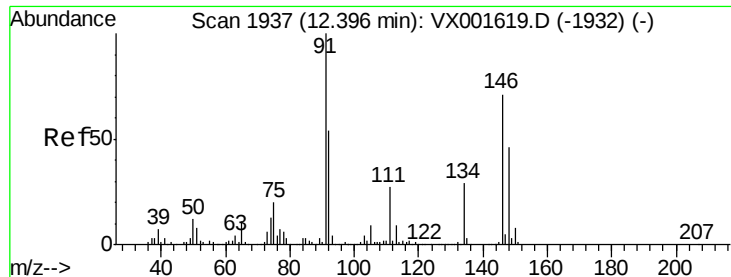
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#86
Hexachloroethane
Concen: 17.41 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	37514		
201	100.2	50.1	150.3	





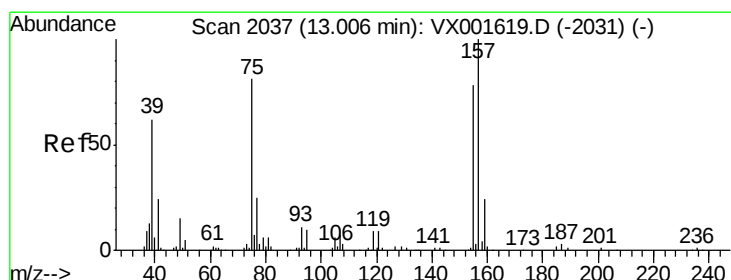
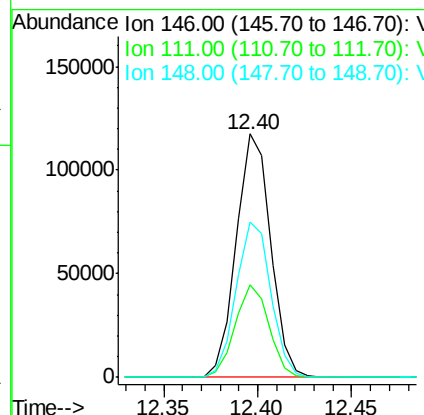
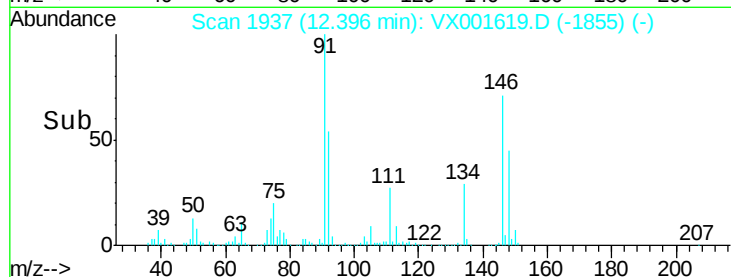
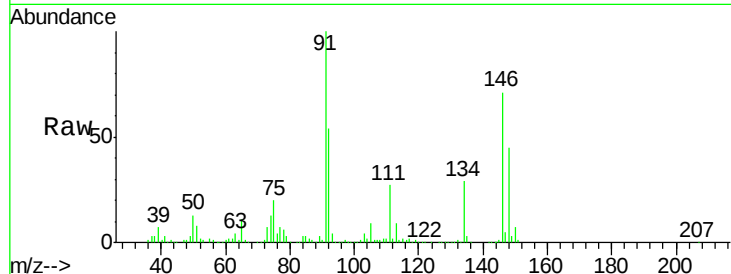
#87
 1,2-Dichlorobenzene
 Concen: 18.36 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	149495		
111	37.4	18.7	56.1	
148	64.3	32.1	96.5	

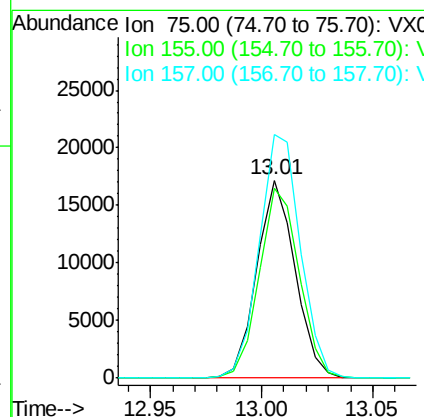
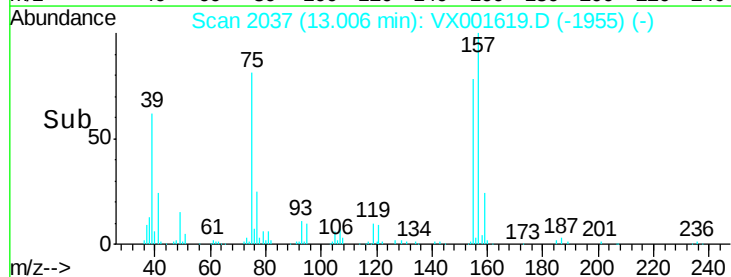
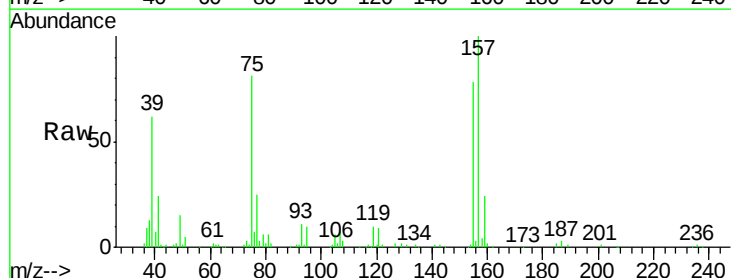
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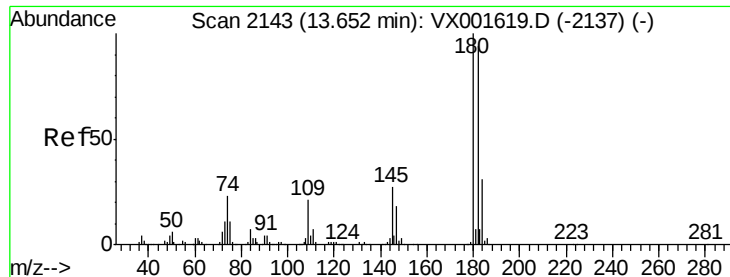
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 21.00 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	20661		
155	99.8	79.8	119.8	
157	131.8	105.4	158.2	





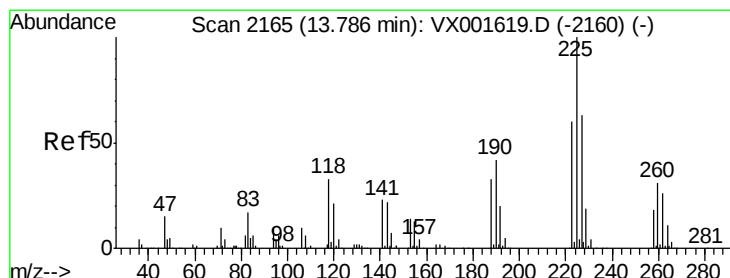
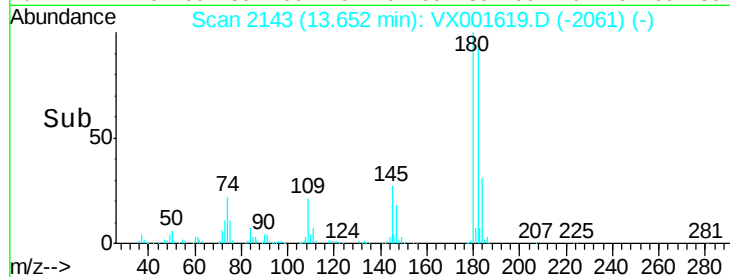
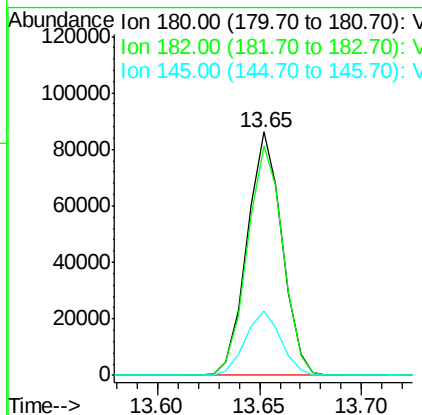
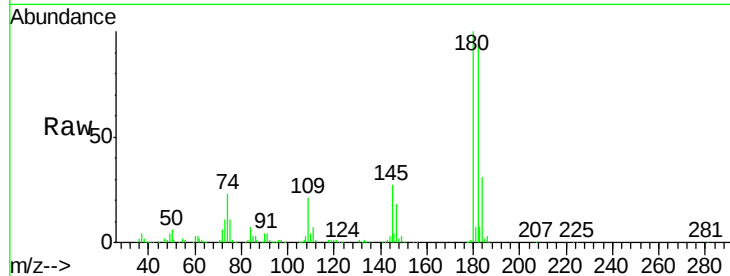
#89
 1,2,4-Trichlorobenzene
 Concen: 16.91 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	102711		
182	95.8	76.6	115.0	
145	26.9	21.5	32.3	

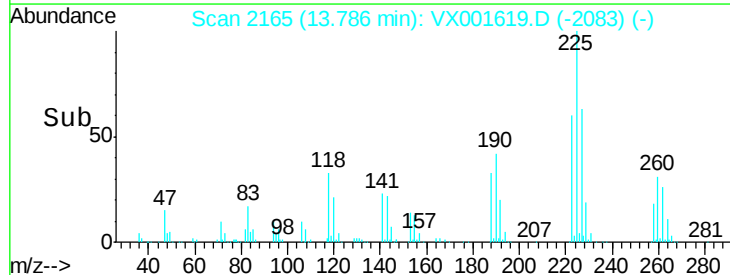
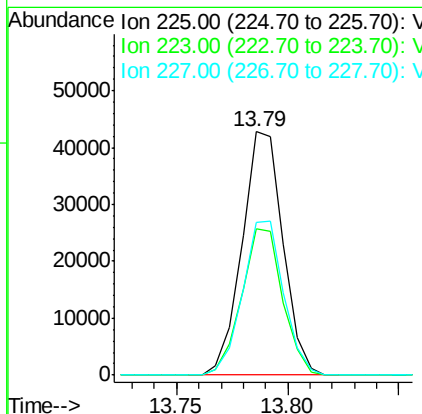
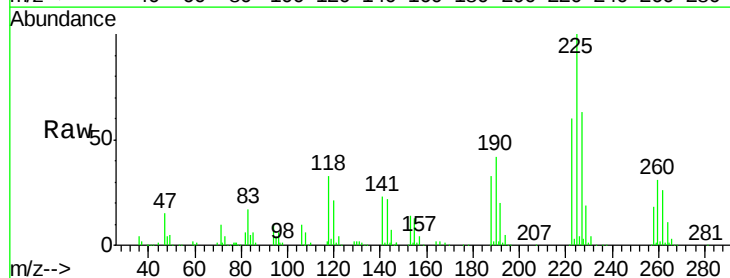
Manual Integrations
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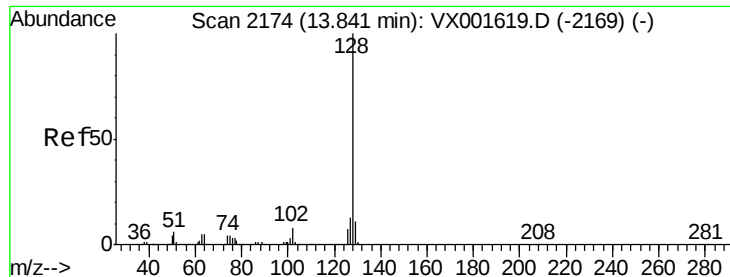
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#90
 Hexachlorobutadiene
 Concen: 18.91 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001619.D
 Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	55091		
223	60.1	0.0	120.2	
227	63.3	0.0	126.6	





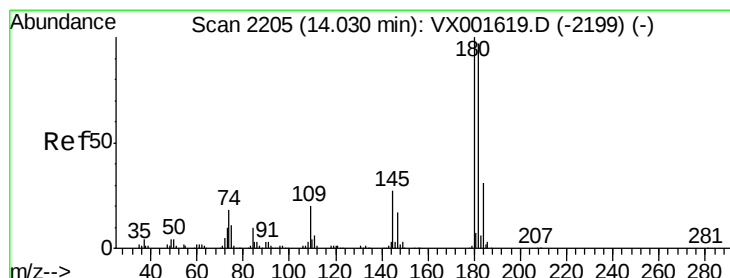
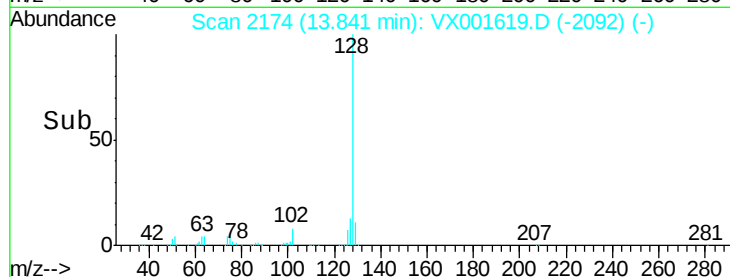
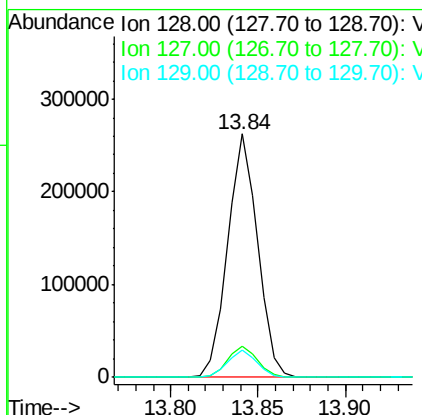
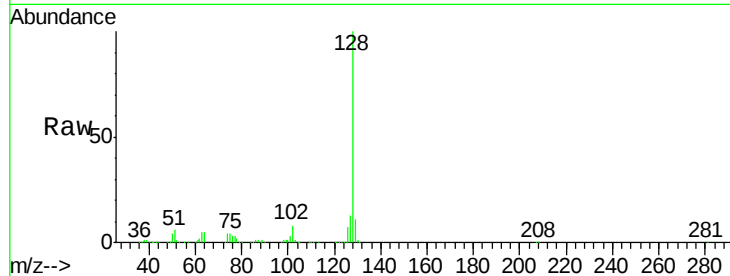
#91
Naphthalene
Concen: 19.31 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
128	100	312230		
127	12.9	10.3	15.5	
129	11.0	8.8	13.2	

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.16 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VX001619.D
Acq: 10 May 2018 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	110538		
182	96.1	0.0	192.2	
145	28.0	0.0	56.0	

