

Data File : VX000204.D

Acq On : 02 Mar 2018 20:41

Operator : JC/MD

Sample : VX0302WBSD01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 17 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Manual Integrations

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3/3/2018 1:20:28 PM

Quant Time: Mar 03 05:47:46 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	125194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214201	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121210	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	76085	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	5.52	113	58717	43.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.86%	
50) Toluene-d8	8.73	98	232431	43.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.16%	
62) 4-Bromofluorobenzene	11.15	95	92041	44.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	36980	28.69	ug/l	99
3) Chloromethane	1.32	50	32097	25.39	ug/l	98
4) Vinyl Chloride	1.41	62	37531	26.65	ug/l	99
5) Bromomethane	1.65	94	35365	30.74	ug/l	98
6) Chloroethane	1.73	64	23423	24.76	ug/l	97
7) Trichlorofluoromethane	1.93	101	60341	23.96	ug/l	97
8) Diethyl Ether	2.20	74	20707	23.83	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	31955	22.70	ug/l	97
10) Methyl Iodide	2.52	142	20491	13.29	ug/l	97
11) Tert butyl alcohol	3.07	59	63107	104.75	ug/l	98
12) 1,1-Dichloroethene	2.38	96	30880	23.55	ug/l	89
13) Acrolein	2.30	56	35050	121.80	ug/l	97
14) Allyl chloride	2.74	41	52737	24.03	ug/l	95
15) Acrylonitrile	3.15	53	121511	118.10	ug/l	99
16) Acetone	2.45	43	124372	122.66	ug/l	97
17) Carbon Disulfide	2.57	76	75845	19.65	ug/l	100
18) Methyl Acetate	2.79	43	56335	23.69	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	104766	23.28	ug/l	98
20) Methylene Chloride	2.87	84	32746	24.52	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	32888	23.14	ug/l	93
22) Diisopropyl ether	3.88	45	80189	20.91	ug/l	90
23) Vinyl Acetate	3.84	43	391350	109.81	ug/l	95
24) 1,1-Dichloroethane	3.70	63	54961	24.19	ug/l	99
25) 2-Butanone	4.72	43	159643	112.78	ug/l	99
26) 2,2-Dichloropropane	4.60	77	38425	19.46	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	30767	22.72	ug/l	97
28) Bromochloromethane	5.03	49	18965	18.62	ug/l	87
29) Tetrahydrofuran	5.18	42	102821	111.54	ug/l	95
30) Chloroform	5.23	83	52230	21.84	ug/l	96
31) Cyclohexane	5.59	56	43921	22.48	ug/l	98
32) 1,1,1-Trichloroethane	5.51	97	47016	21.37	ug/l	96
36) 1,1-Dichloropropene	5.81	75	39776	20.69	ug/l	97
37) Ethyl Acetate	4.87	43	56039	21.22	ug/l	97
38) Carbon Tetrachloride	5.79	117	38928	18.75	ug/l	97

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Instrument :

MSVOA_X

ClientSampleID :

VX0302WBSD01

Manual Integrations

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3/3/2018 1:20:28 PM

Quant Time: Mar 03 05:47:46 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M

Quant Title : SW846 8260

QLast Update : Thu Feb 15 12:46:41 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	47837	20.67	ug/l	97
40) Benzene	6.16	78	116458	21.20	ug/l	100
41) Methacrylonitrile	5.07	41	28026	21.82	ug/l	96
42) 1,2-Dichloroethane	6.21	62	45922	22.79	ug/l	98
43) Isopropyl Acetate	6.48	43	81723	21.46	ug/l	97
44) Trichloroethene	7.22	130	32408	20.04	ug/l	94
45) 1,2-Dichloropropane	7.52	63	29800	22.14	ug/l	97
46) Dibromomethane	7.67	93	23118	22.01	ug/l	95
47) Bromodichloromethane	7.91	83	39546	20.38	ug/l	97
48) Methyl methacrylate	7.79	41	40384	21.63	ug/l	93
49) 1,4-Dioxane	7.77	88	17177	350.92	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	317735	114.14	ug/l	95
52) Toluene	8.79	92	78874	21.50	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	46787	20.51	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	45812	20.23	ug/l #	91
55) 1,1,2-Trichloroethane	9.23	97	32695	21.55	ug/l	97
56) Ethyl methacrylate	9.19	69	49564	21.29	ug/l	91
57) 1,3-Dichloropropane	9.38	76	53907	22.37	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	99334	84.40	ug/l	95
59) 2-Hexanone	9.51	43	268012	113.71	ug/l	96
60) Dibromochloromethane	9.59	129	31389	18.26	ug/l	99
61) 1,2-Dibromoethane	9.68	107	35158	20.88	ug/l	97
64) Tetrachloroethene	9.35	164	30594	19.58	ug/l	92
65) Chlorobenzene	10.15	112	90246	19.92	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	30189	19.04	ug/l	99
67) Ethyl Benzene	10.26	91	158278	20.81	ug/l	98
68) m/p-Xylenes	10.37	106	124509	41.35	ug/l	98
69) o-Xylene	10.71	106	59479	20.48	ug/l	96
70) Styrene	10.72	104	97509	20.53	ug/l	97
71) Bromoform	10.87	173	23823	16.55	ug/l #	100
73) Isopropylbenzene	11.03	105	161963	21.08	ug/l	97
74) N-amyl acetate	6.48	43	81723	21.06	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	58044	21.70	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	51904m	20.67	ug/l	
77) Bromobenzene	11.26	156	40449	19.43	ug/l	91
78) n-propylbenzene	11.37	91	193125	21.32	ug/l	97
79) 2-Chlorotoluene	11.43	91	108644	20.97	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	136324	20.99	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	14772	16.76	ug/l #	82
82) 4-Chlorotoluene	11.52	91	132469	21.13	ug/l	96
83) tert-Butylbenzene	11.78	119	136195	20.77	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	140427	20.83	ug/l	100
85) sec-Butylbenzene	11.96	105	171783	21.09	ug/l	98
86) p-Isopropyltoluene	12.07	119	149969	20.61	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	78239	19.59	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	79974	19.38	ug/l	97
89) n-Butylbenzene	12.40	91	144111	21.00	ug/l	96
90) Hexachloroethane	12.60	117	22506	18.99	ug/l	88
91) 1,2-Dichlorobenzene	12.40	146	77537	19.73	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	14938	20.12	ug/l	90

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX030218\
Quantitation Report (QT Reviewed)

Data File : VX000204.D
Acq On : 02 Mar 2018 20:41
Operator : JC/MD
Sample : VX0302WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Manual Integrations
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3/3/2018 1:20:28 PM

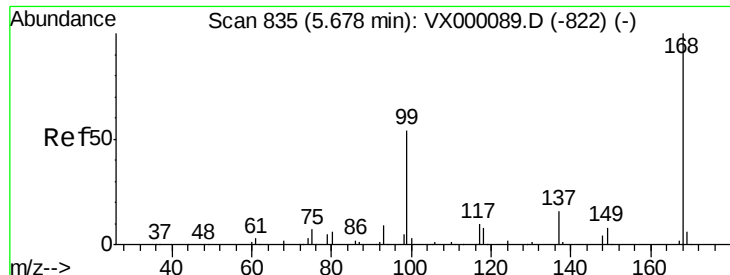
Quant Time: Mar 03 05:47:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	53958	18.30	ug/l	99
94) Hexachlorobutadiene	13.79	225	22726	17.66	ug/l	97
95) Naphthalene	13.84	128	200905	20.09	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	54171	18.61	ug/l	97

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

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[illegible]



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampleID :

VX0302WBSD01

Tgt Ion: 168 Resp: 125194

Ion Ratio Lower Upper

168 100

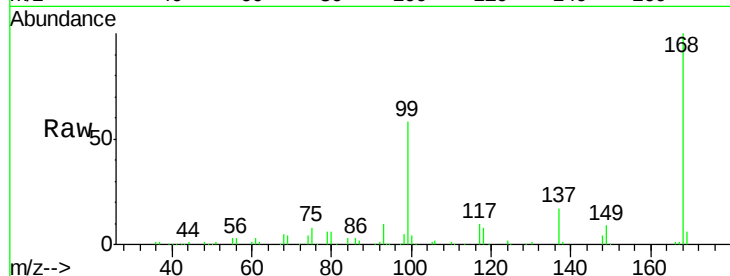
99 57.8 43.1 64.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

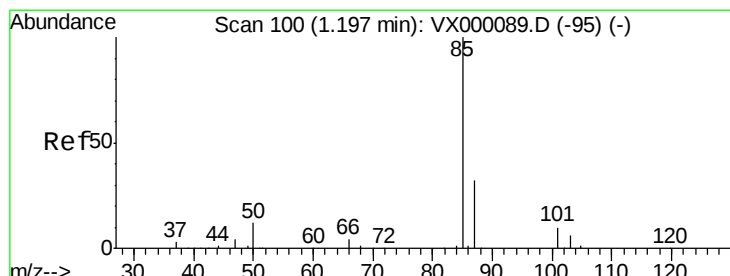
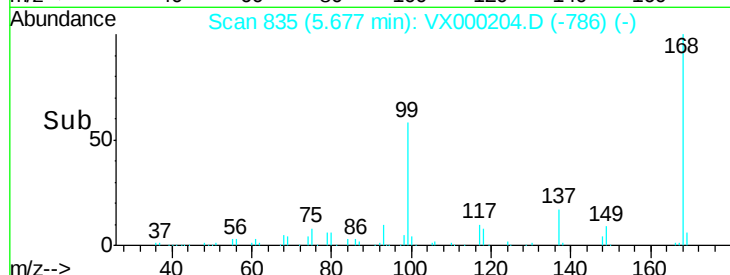
30000

20000

10000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 28.69 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX000204.D

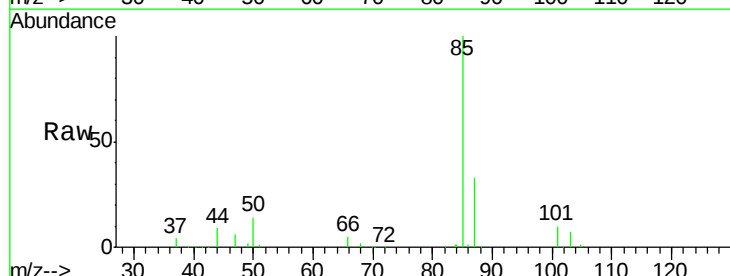
Acq: 02 Mar 2018 20:41

Tgt Ion: 85 Resp: 36980

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

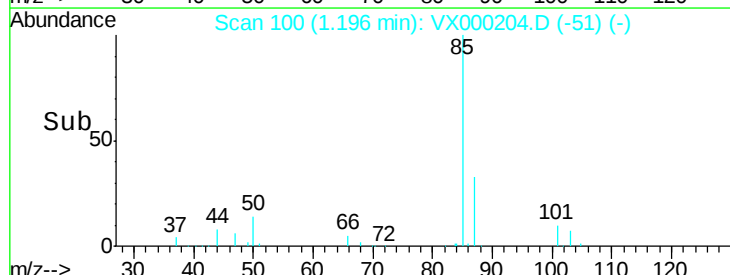
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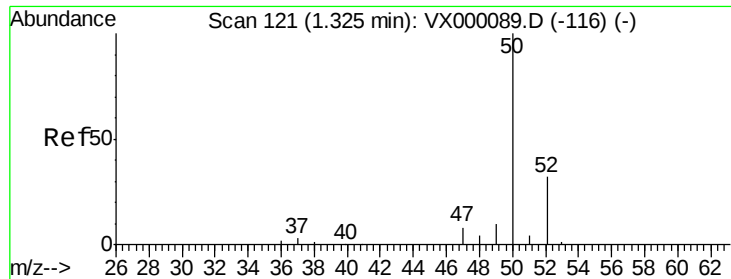
20000

10000

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Time-->





#3

Chloromethane

Concen: 25.39 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tgt Ion: 50 Resp: 32097

Ion Ratio Lower Upper

50 100

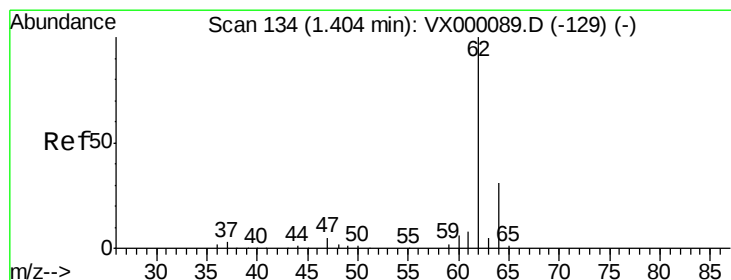
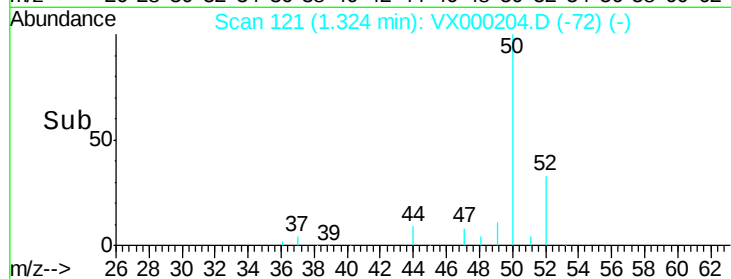
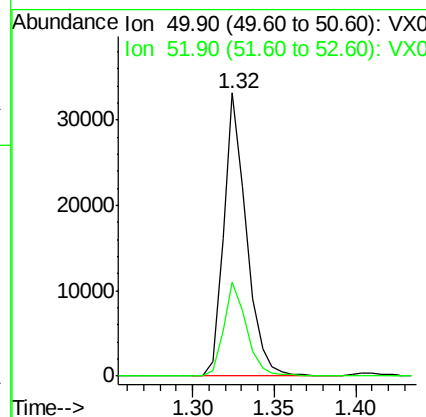
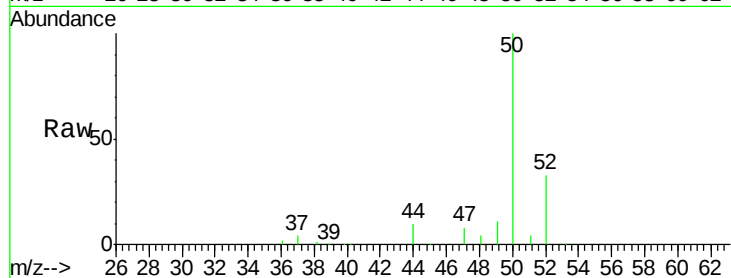
52 33.4 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 26.65 ug/l

RT: 1.41 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX000204.D

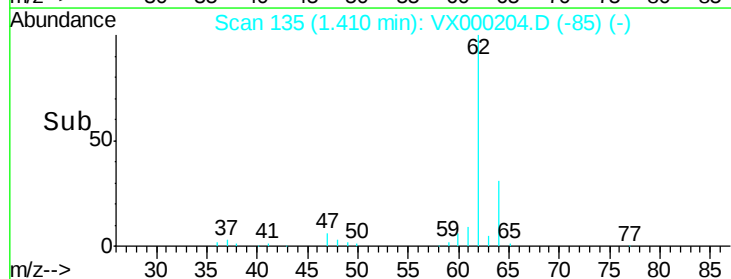
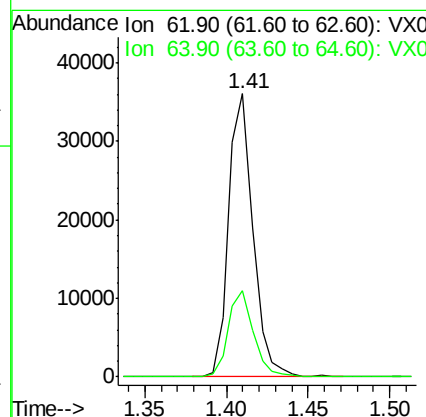
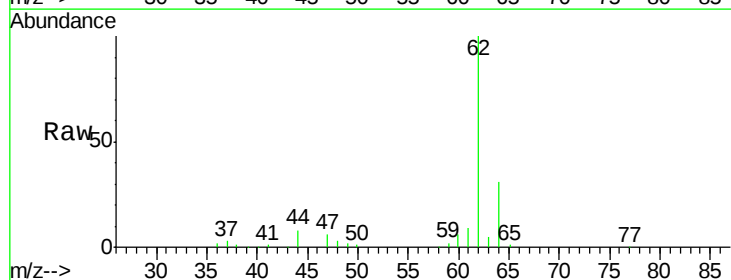
Acq: 02 Mar 2018 20:41

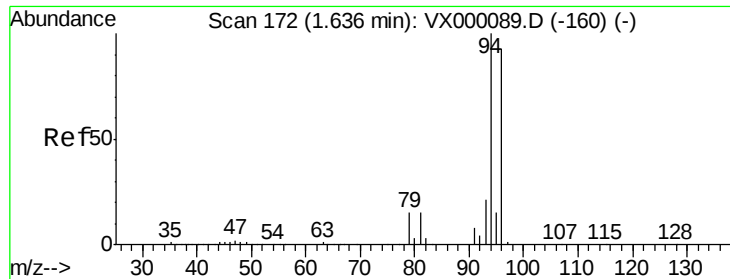
Tgt Ion: 62 Resp: 37531

Ion Ratio Lower Upper

62 100

64 30.5 24.6 37.0





#5

Bromomethane

Concen: 30.74 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tgt Ion: 94 Resp: 35365

Ion Ratio Lower Upper

94 100

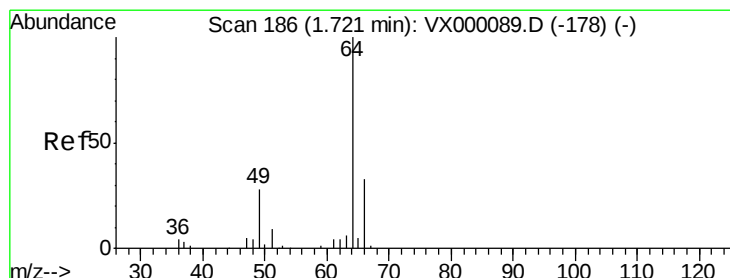
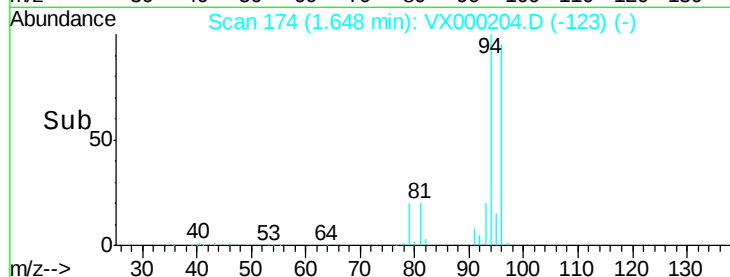
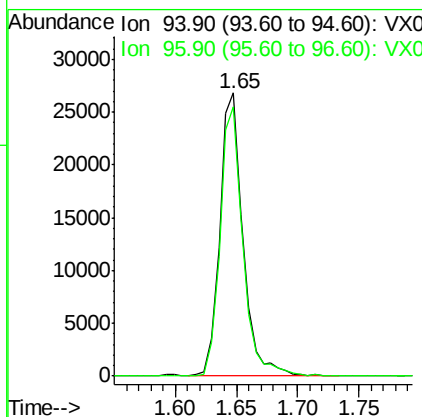
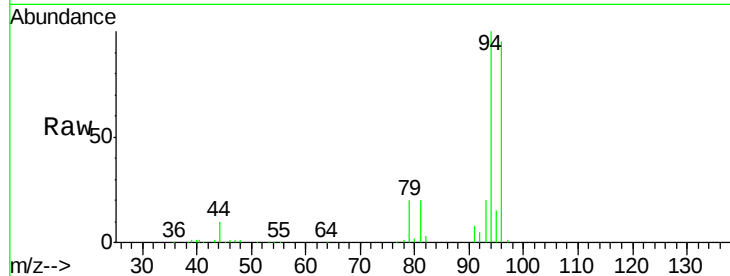
96 95.2 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 24.76 ug/l

RT: 1.73 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX000204.D

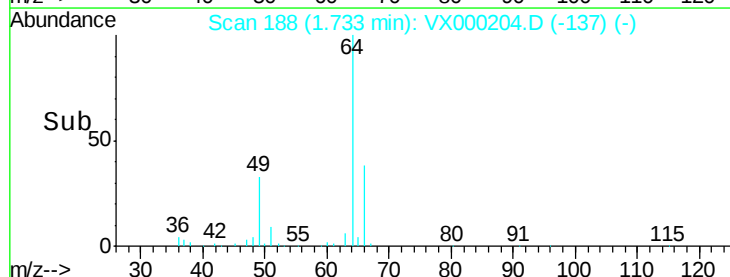
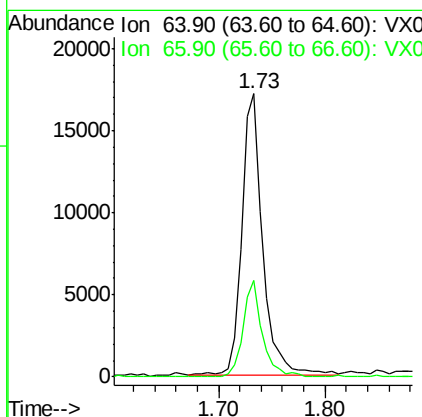
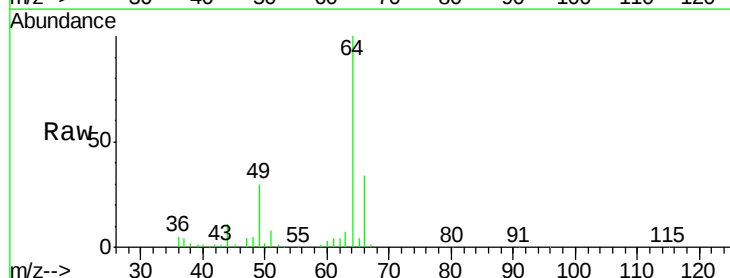
Acq: 02 Mar 2018 20:41

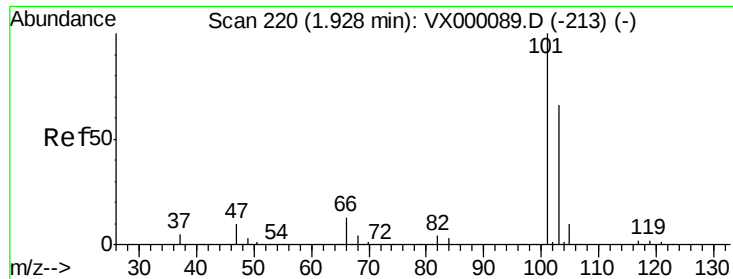
Tgt Ion: 64 Resp: 23423

Ion Ratio Lower Upper

64 100

66 34.1 26.0 39.0





#7

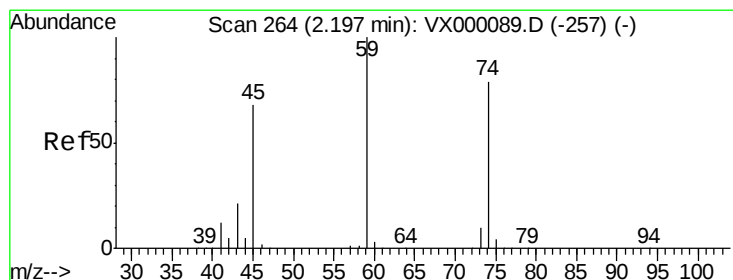
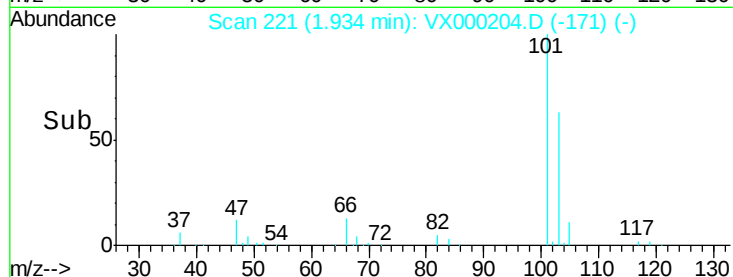
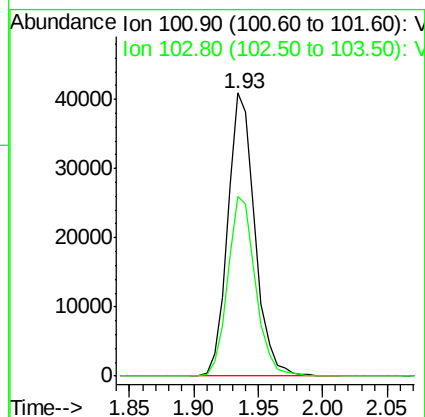
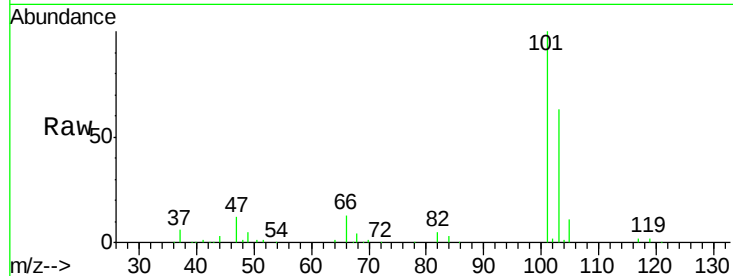
Trichlorofluoromethane
Concen: 23.96 ug/l
RT: 1.93 min Scan# 221
Delta R.T. 0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion:101 Resp: 60341
Ion Ratio Lower Upper
101 100
103 63.5 52.7 79.1

Manual Integrations
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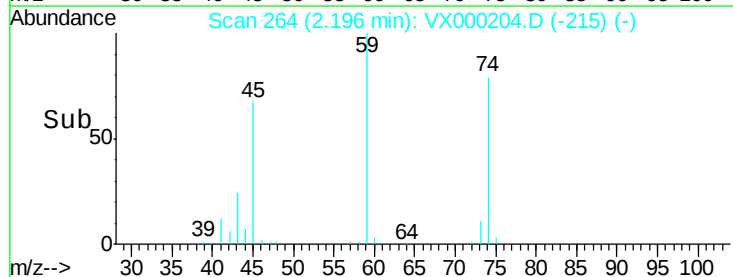
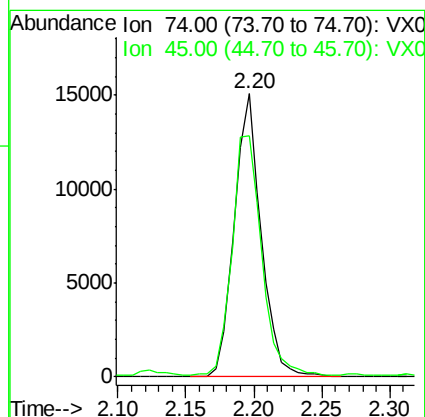
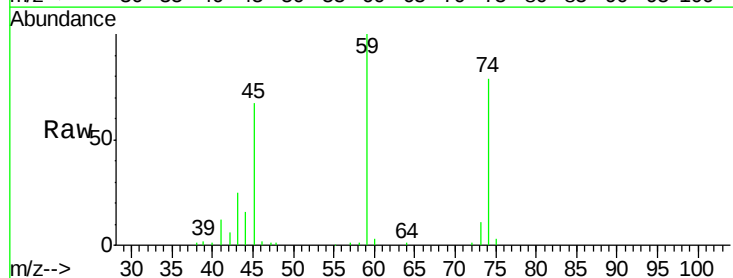
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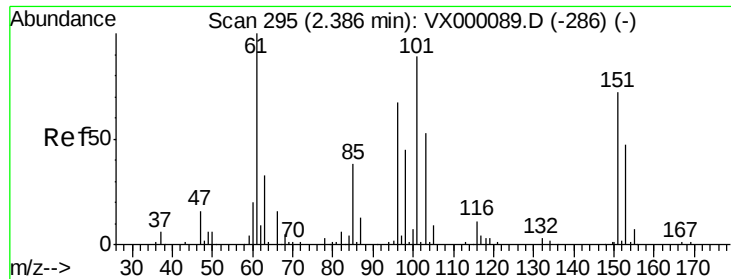


#8

Diethyl Ether
Concen: 23.83 ug/l
RT: 2.20 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 74 Resp: 20707
Ion Ratio Lower Upper
74 100
45 93.4 44.7 134.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.70 ug/l

RT: 2.39 min Scan# 296

Delta R.T. 0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

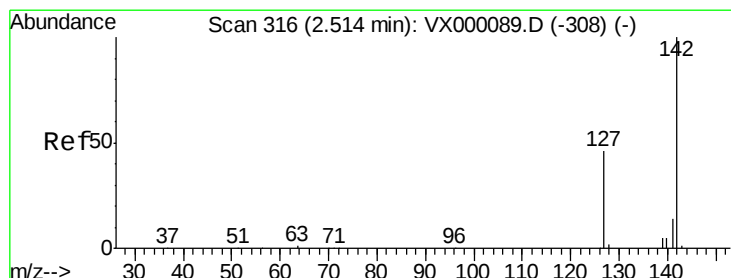
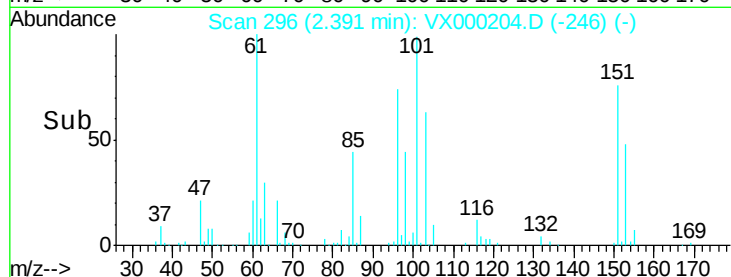
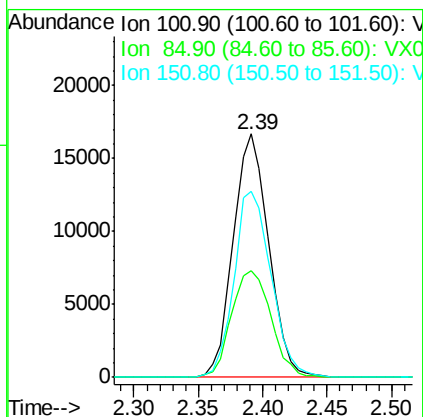
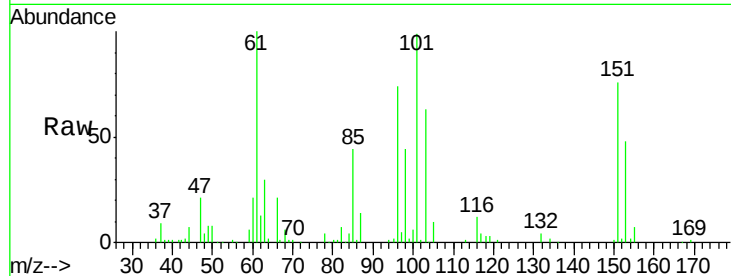
ClientSampleId :

VX0302WBSD01

Tgt Ion:	101	Resp:	31955
Ion Ratio	Lower	Upper	
101	100		
85	48.8	36.7	55.1
151	80.0	65.8	98.6

Manual Integrations
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#10

Methyl Iodide

Concen: 13.29 ug/l

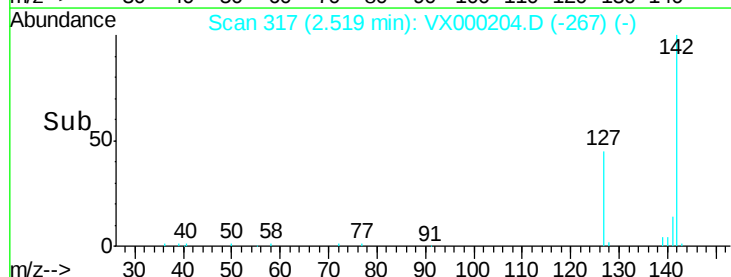
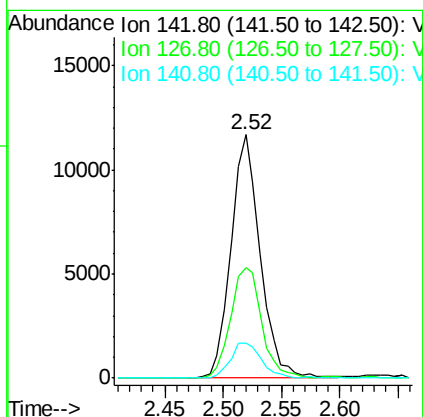
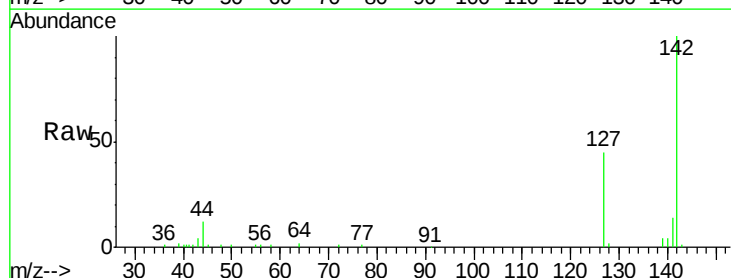
RT: 2.52 min Scan# 317

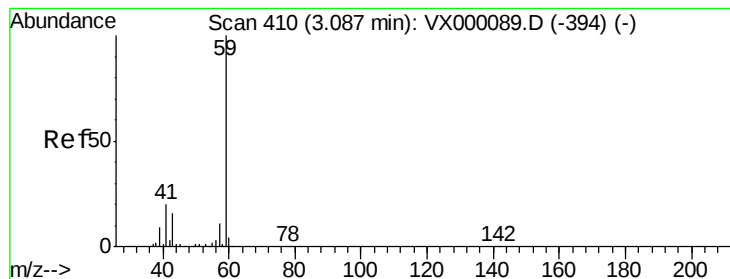
Delta R.T. 0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Tgt Ion:	142	Resp:	20491
Ion Ratio	Lower	Upper	
142	100		
127	47.9	36.8	55.2
141	15.3	11.6	17.4





#11

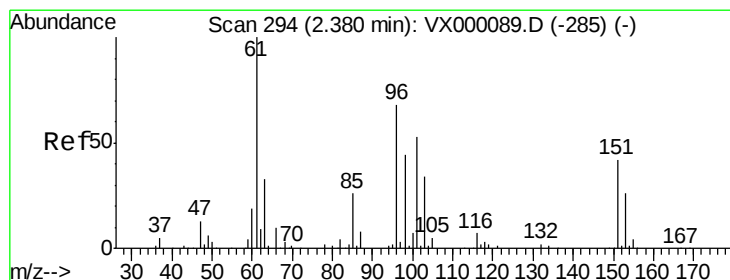
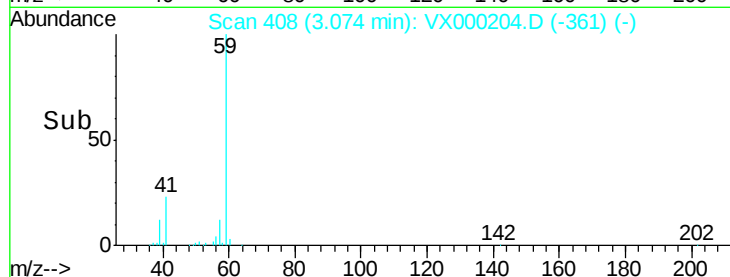
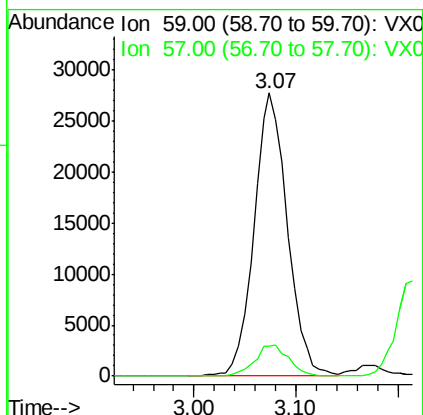
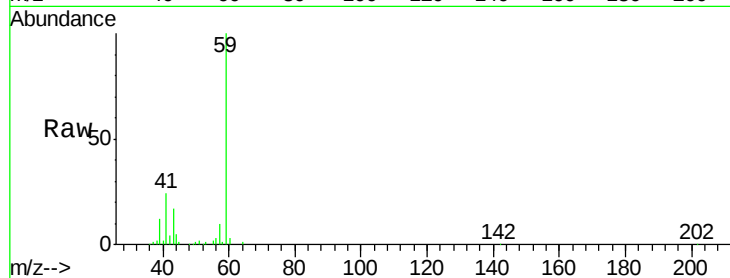
Tert butyl alcohol
Concen: 104.75 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.3	8.3	12.5

Manual Integrations
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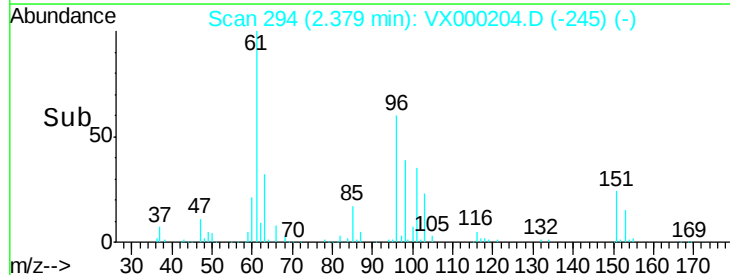
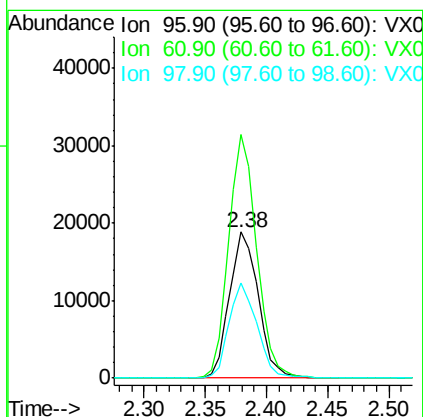
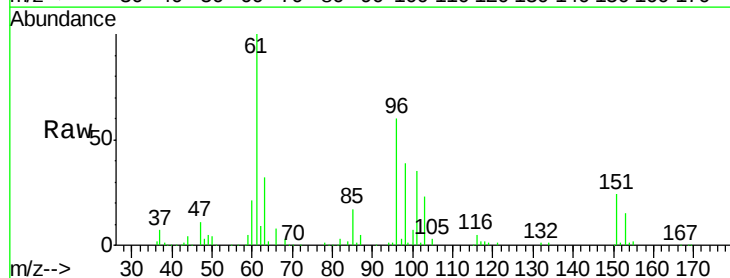
apatel
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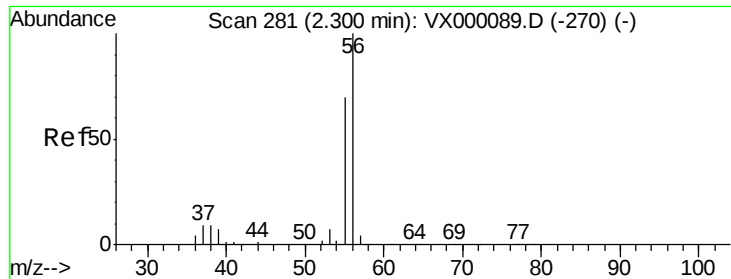


#12

1,1-Dichloroethene
Concen: 23.55 ug/l
RT: 2.38 min Scan# 294
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.7	117.7	176.5
98	65.4	51.3	76.9





#13

Acrolein

Concen: 121.80 ug/l

RT: 2.30 min Scan# 281

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampled :

VX0302WBSD01

Tgt Ion: 56 Resp: 35050

Ion Ratio Lower Upper

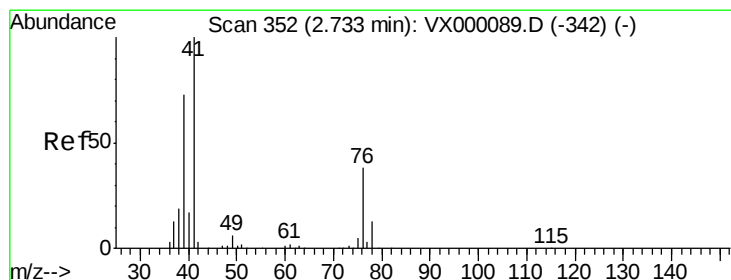
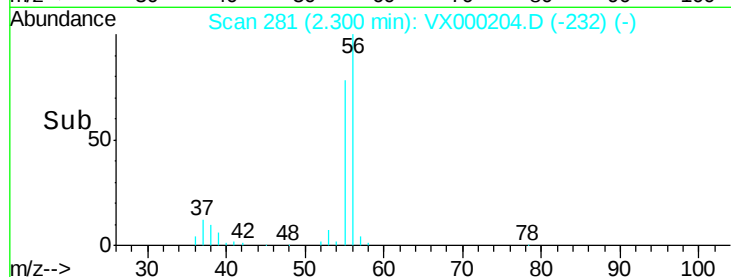
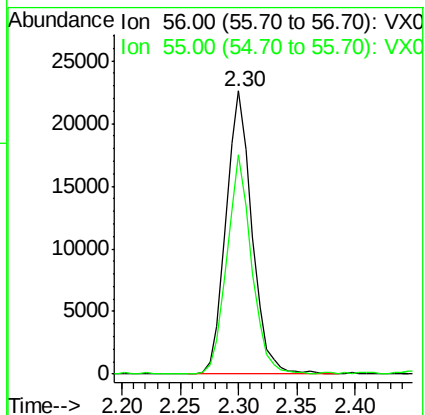
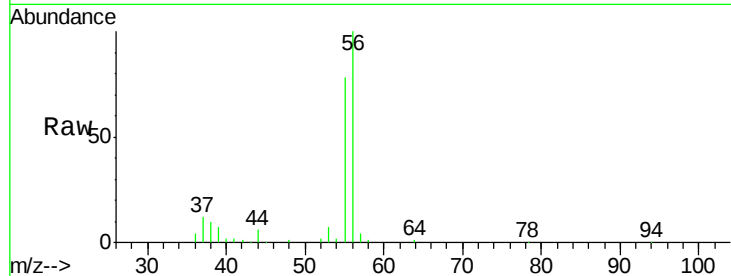
56 100

55 72.6 56.2 84.4

Manual Integrations
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#14

Allyl chloride

Concen: 24.03 ug/l

RT: 2.74 min Scan# 353

Delta R.T. 0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

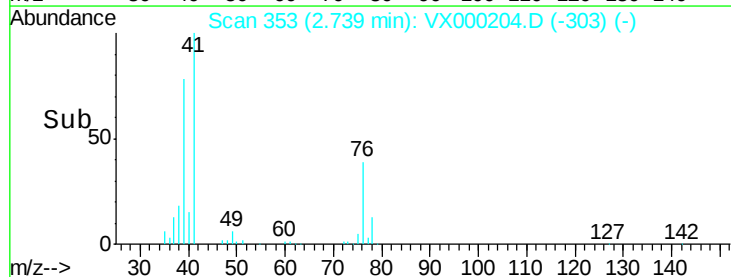
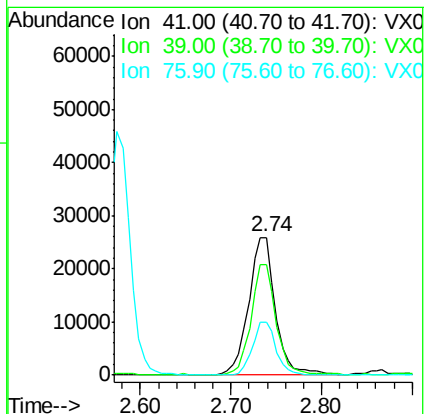
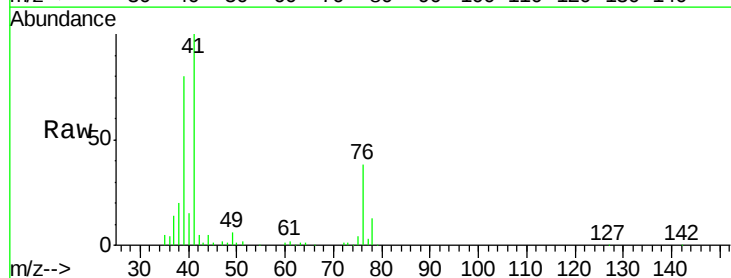
Tgt Ion: 41 Resp: 52737

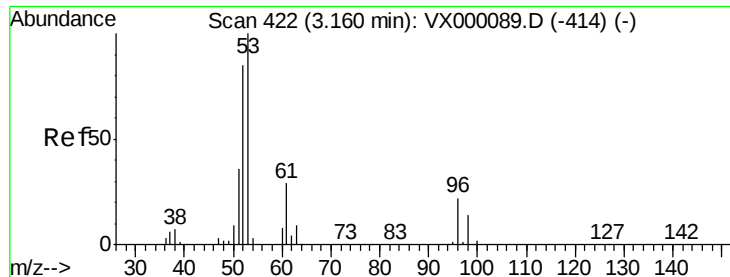
Ion Ratio Lower Upper

41 100

39 74.5 55.1 82.7

76 34.3 28.5 42.7





#15

Acrylonitrile

Concen: 118.10 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

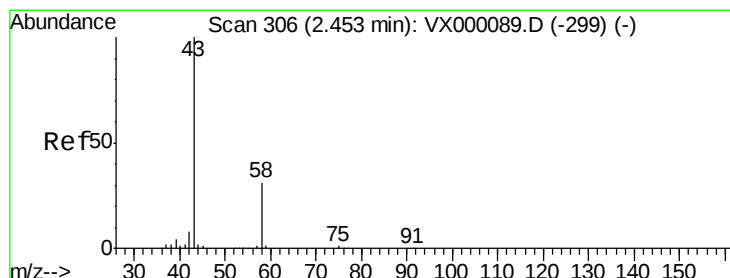
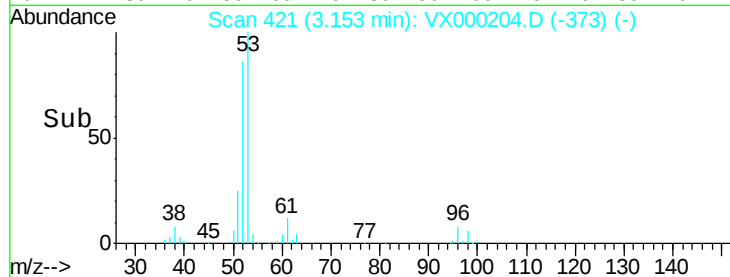
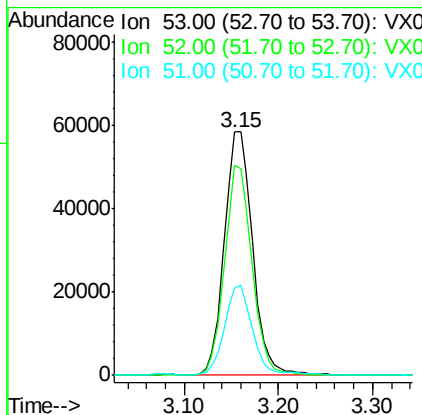
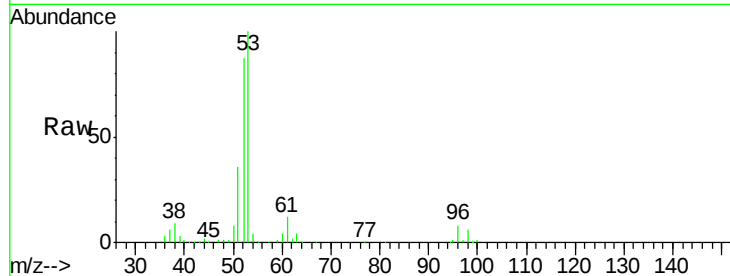
ClientSampleId :

VX0302WBSD01

Tgt Ion:	53	Resp:	121511
Ion Ratio		Lower	Upper
53	100		
52	83.8	66.5	99.7
51	36.5	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 122.66 ug/l

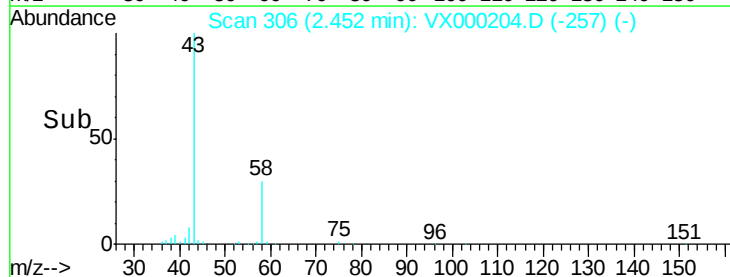
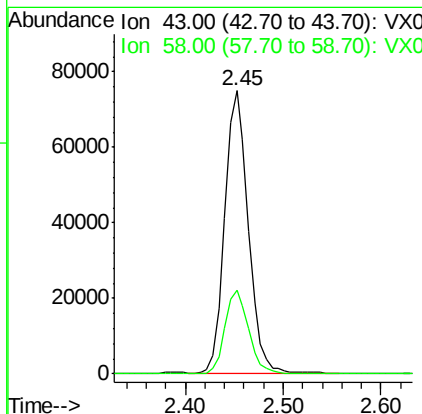
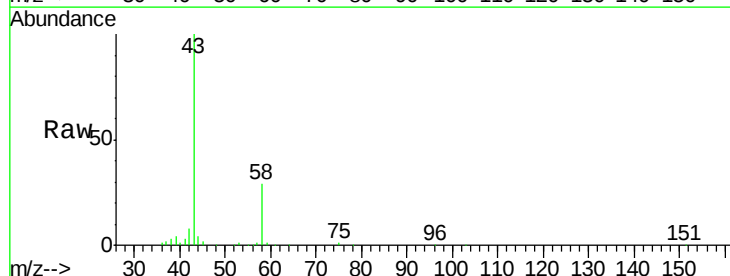
RT: 2.45 min Scan# 306

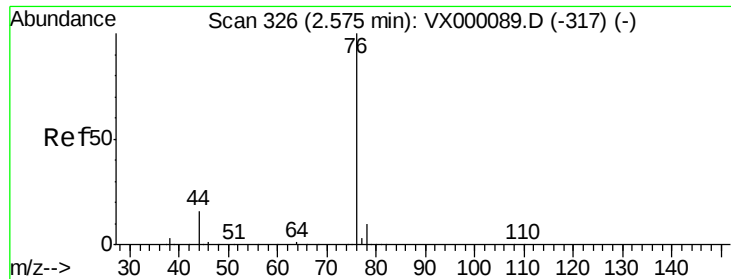
Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Tgt Ion:	43	Resp:	124372
Ion Ratio		Lower	Upper
43	100		
58	29.6	25.0	37.4





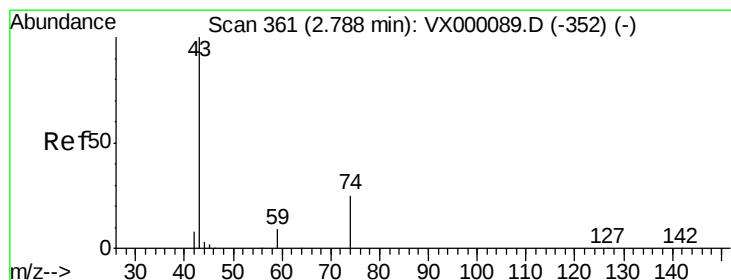
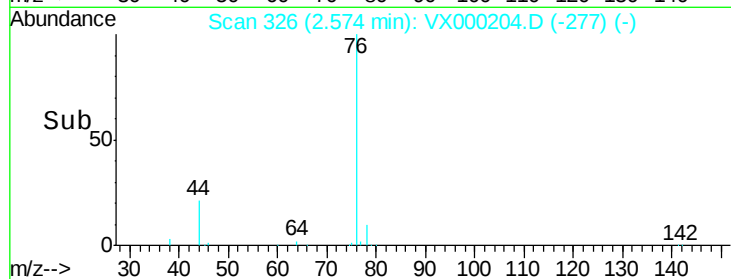
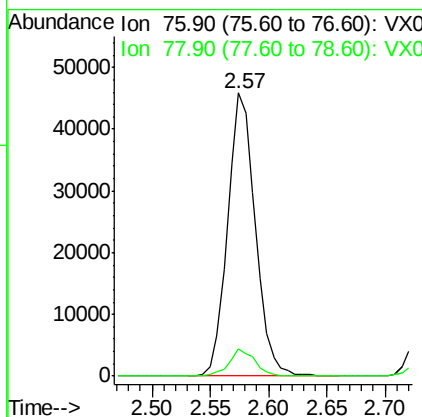
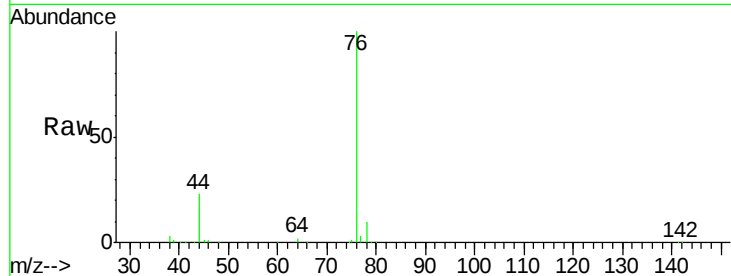
#17
Carbon Disulfide
Concen: 19.65 ug/l
RT: 2.57 min Scan# 326
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampled :
VX0302WBSD01

Tgt Ion: 76 Resp: 75845
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8

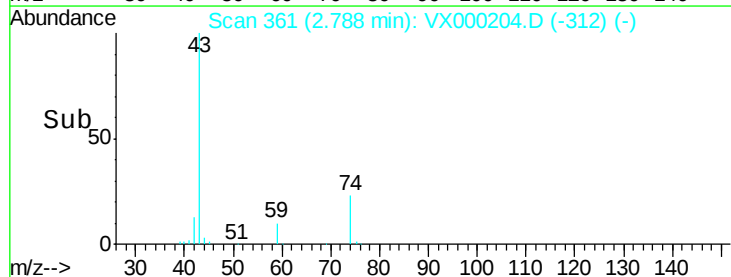
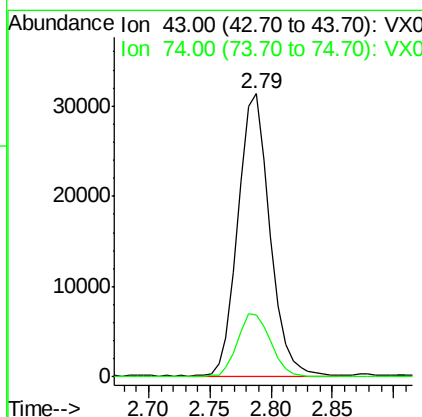
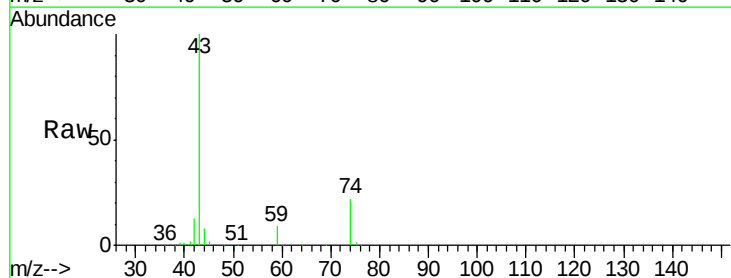
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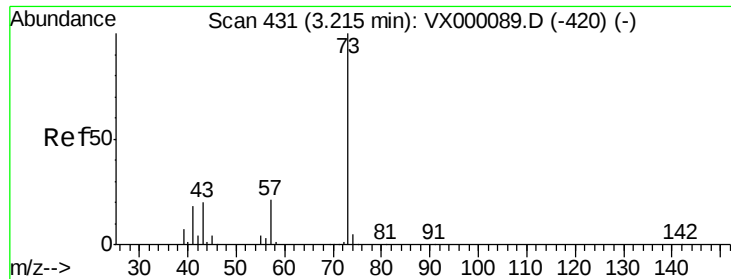
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#18
Methyl Acetate
Concen: 23.69 ug/l
RT: 2.79 min Scan# 361
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 43 Resp: 56335
Ion Ratio Lower Upper
43 100
74 23.6 20.2 30.4





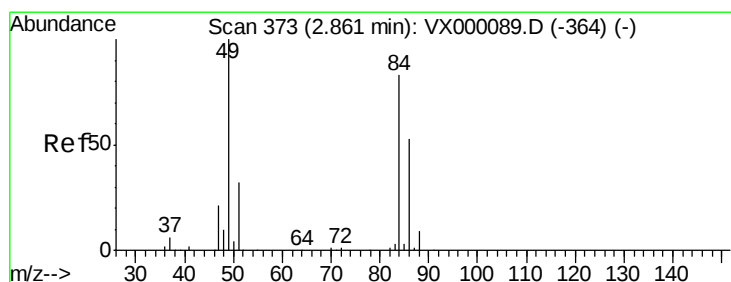
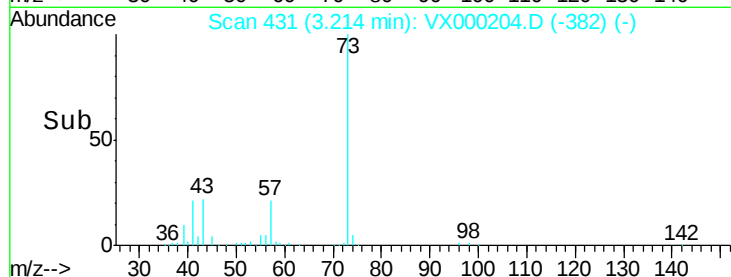
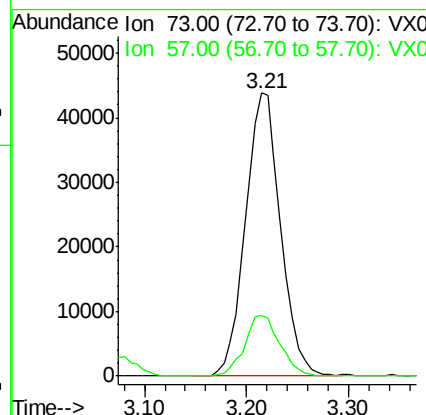
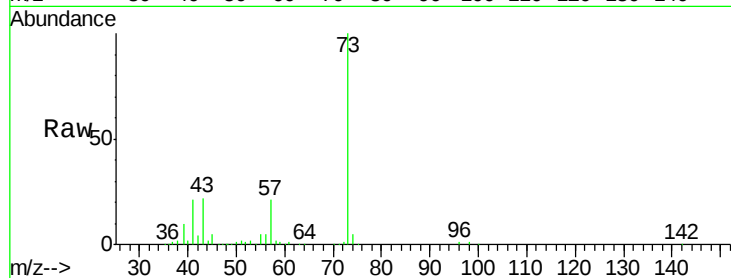
#19
Methyl tert-butyl Ether
Concen: 23.28 ug/l
RT: 3.21 min Scan# 431
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion: 73 Resp: 104766
Ion Ratio Lower Upper
73 100
57 21.3 16.4 24.6

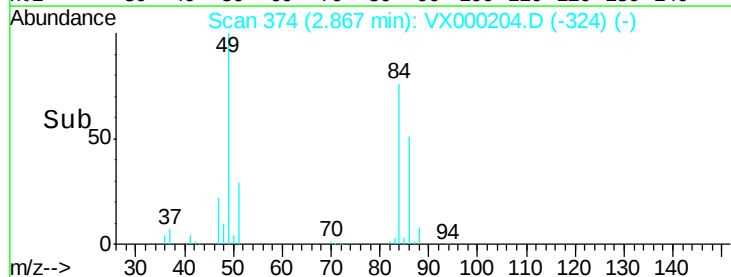
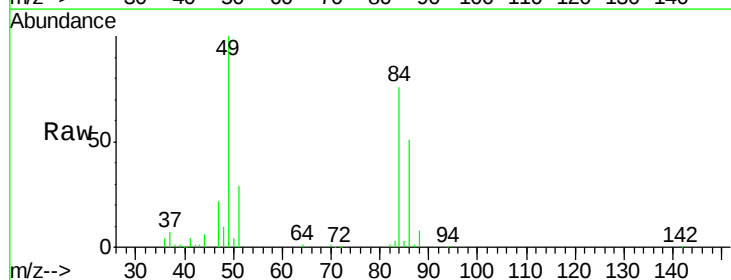
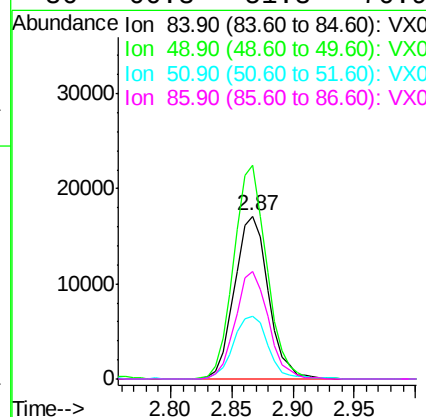
Manual Integrations
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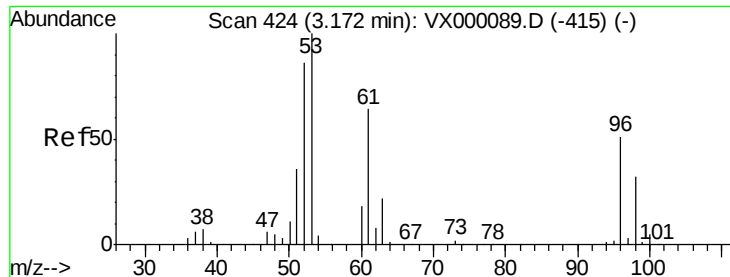
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#20
Methylene Chloride
Concen: 24.52 ug/l
RT: 2.87 min Scan# 374
Delta R.T. 0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 84 Resp: 32746
Ion Ratio Lower Upper
84 100
49 131.3 96.1 144.1
51 38.3 30.5 45.7
86 66.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 23.14 ug/l

RT: 3.17 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

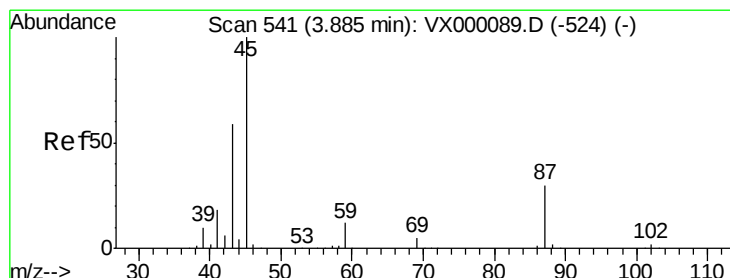
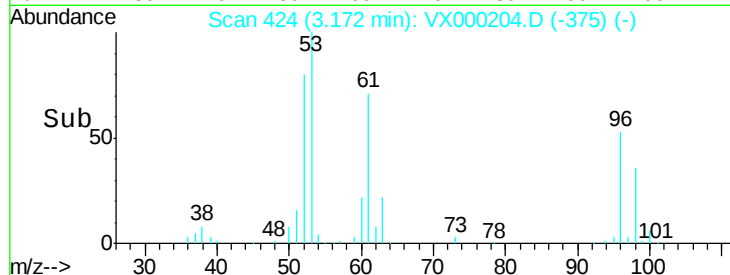
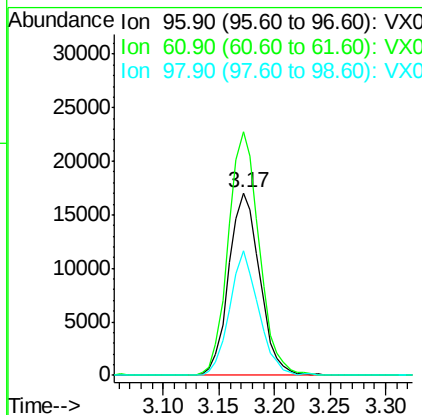
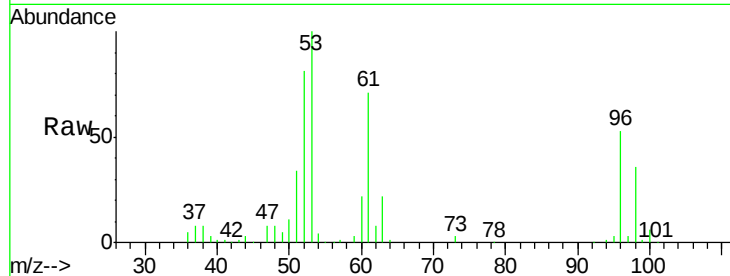
ClientSampleId :

VX0302WBSD01

Tgt Ion:	96	Resp:	32888
Ion	Ratio	Lower	Upper
96	100		
61	133.5	100.3	150.5
98	68.2	50.6	75.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.91 ug/l

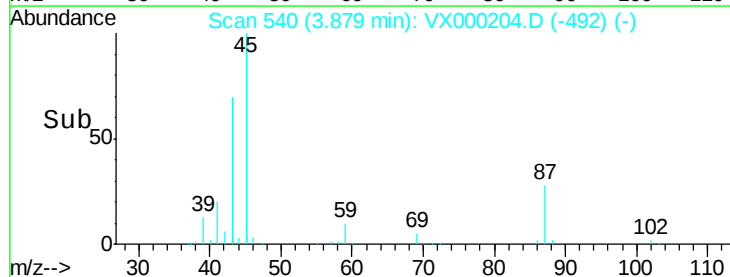
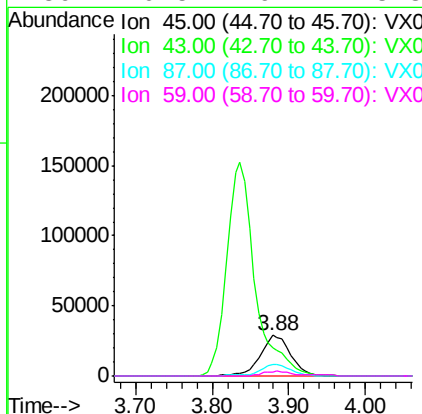
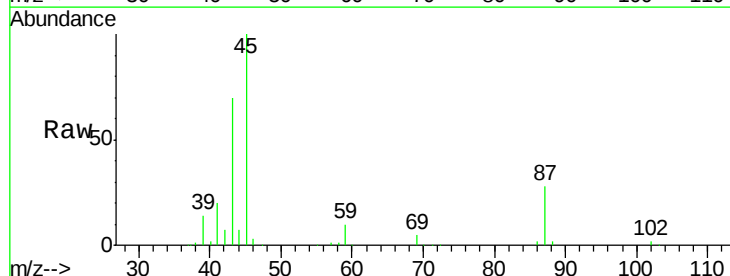
RT: 3.88 min Scan# 540

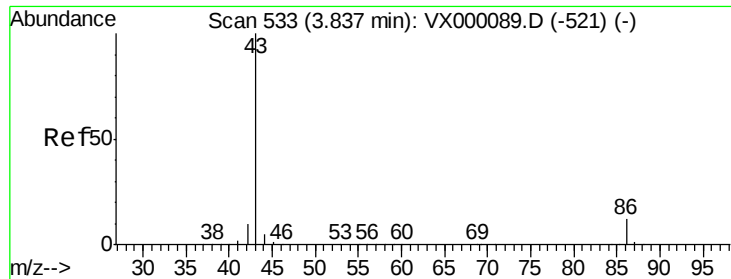
Delta R.T. -0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Tgt Ion:	45	Resp:	80189
Ion	Ratio	Lower	Upper
45	100		
43	69.7	47.4	71.2
87	28.2	24.2	36.2
59	10.5	9.2	13.8





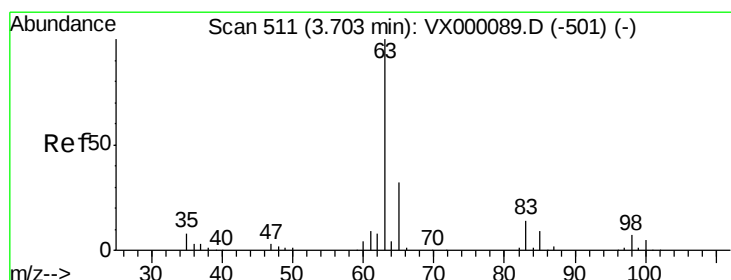
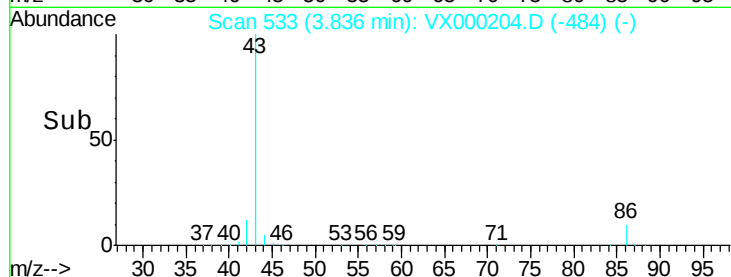
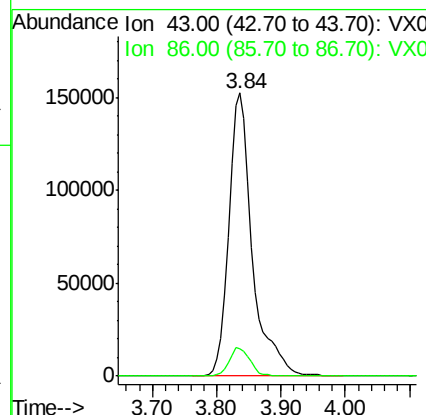
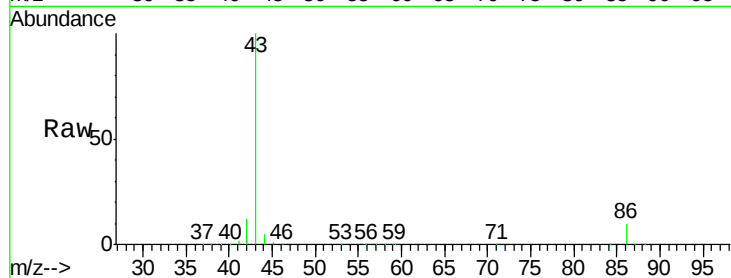
#23
 Vinyl Acetate
 Concen: 109.81 ug/l
 RT: 3.84 min Scan# 533
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX0302WBSD01

Tgt Ion: 43 Resp: 391350
 Ion Ratio Lower Upper
 43 100
 86 9.8 9.4 14.0

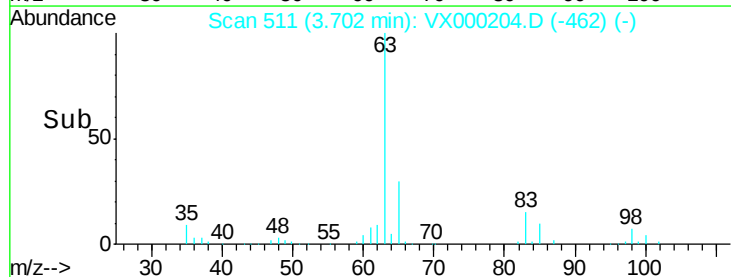
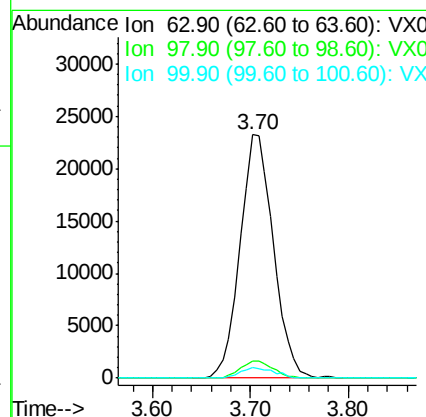
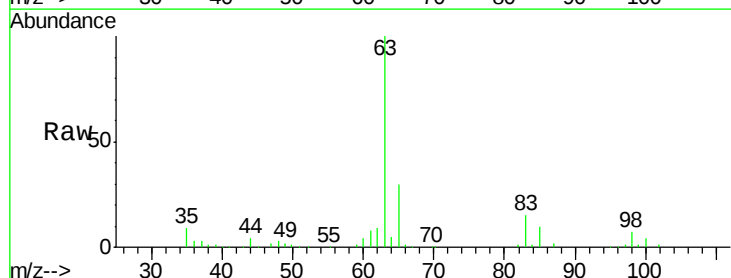
Manual Integrations
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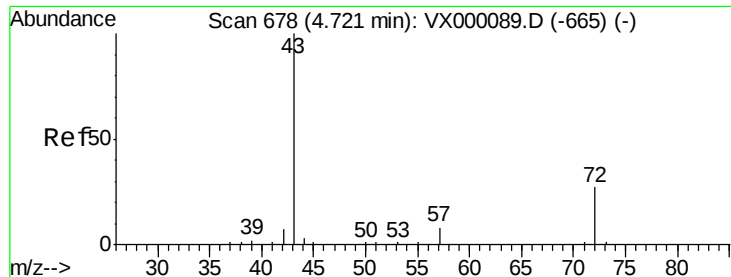
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#24
 1,1-Dichloroethane
 Concen: 24.19 ug/l
 RT: 3.70 min Scan# 511
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 63 Resp: 54961
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.4 2.4 7.1





#25

2-Butanone

Concen: 112.78 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tgt Ion: 43 Resp: 159643

Ion Ratio Lower Upper

43 100

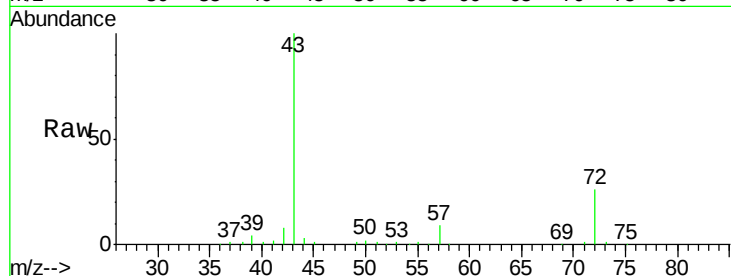
72 26.2 21.3 31.9

Manual Integrations

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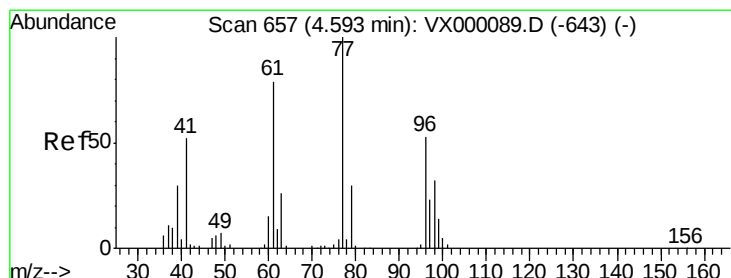
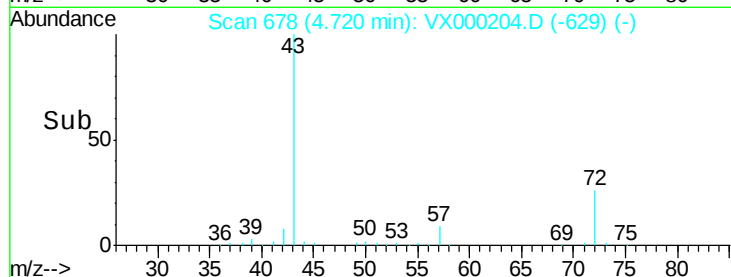
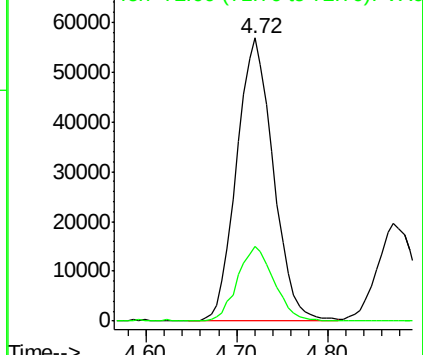
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.46 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX000204.D

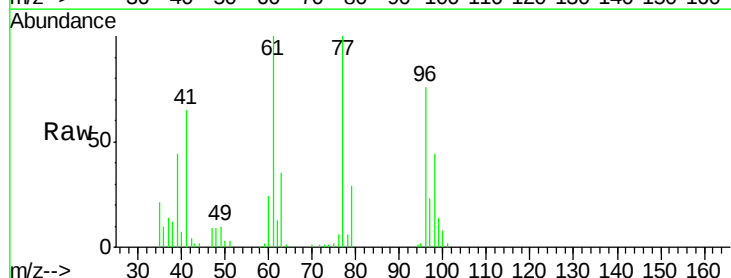
Acq: 02 Mar 2018 20:41

Tgt Ion: 77 Resp: 38425

Ion Ratio Lower Upper

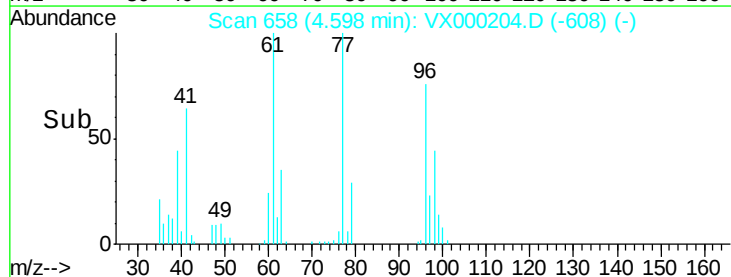
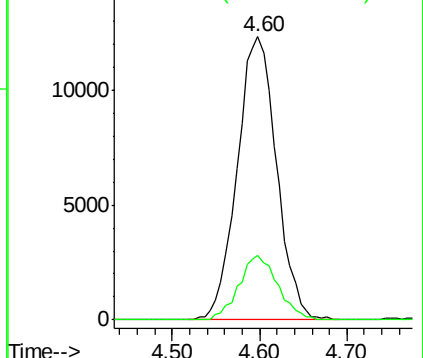
77 100

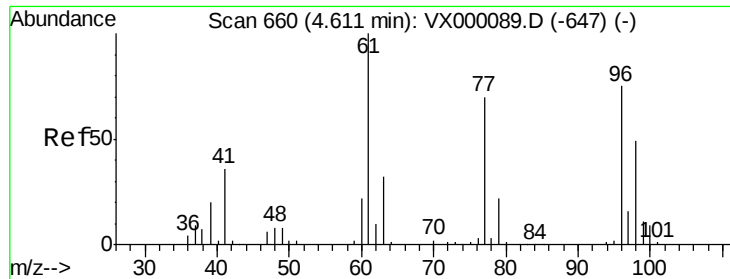
97 22.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

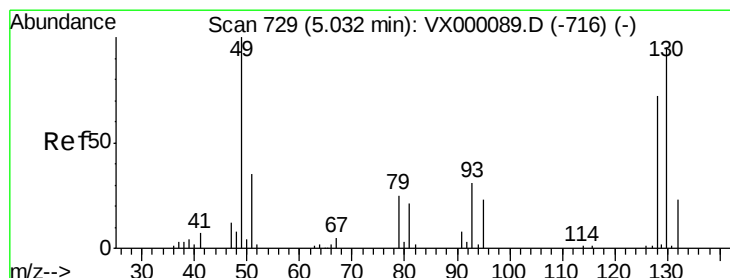
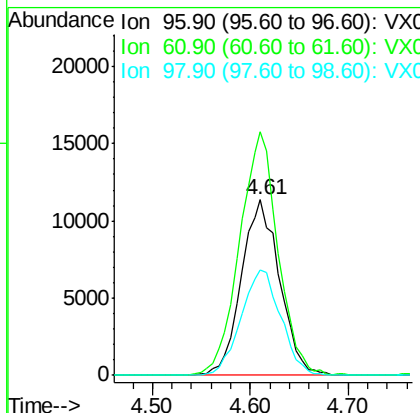
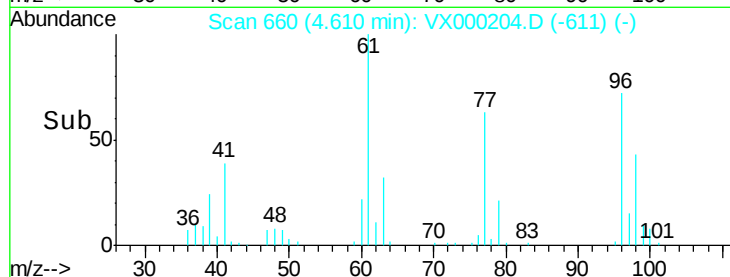
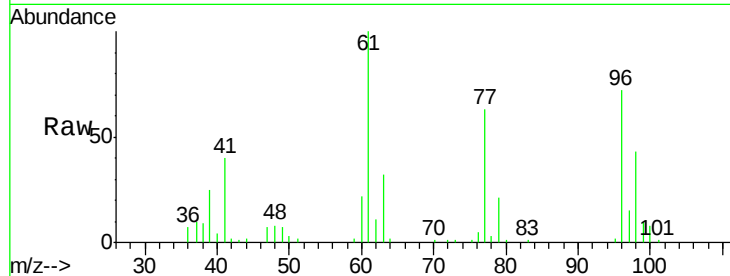
cis-1,2-Dichloroethene
Concen: 22.72 ug/l
RT: 4.61 min Scan# 660
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampled :
VX0302WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	30767		
61	139.7	0.0	285.6	
98	62.3	0.0	131.8	

Manual Integrations
APPROVED

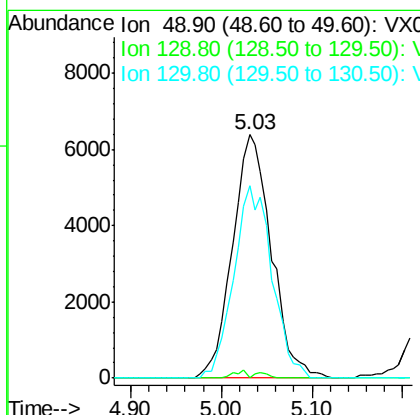
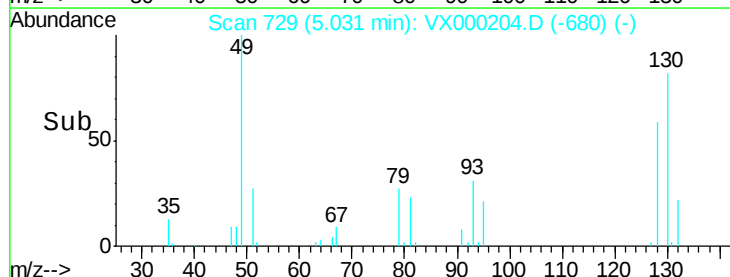
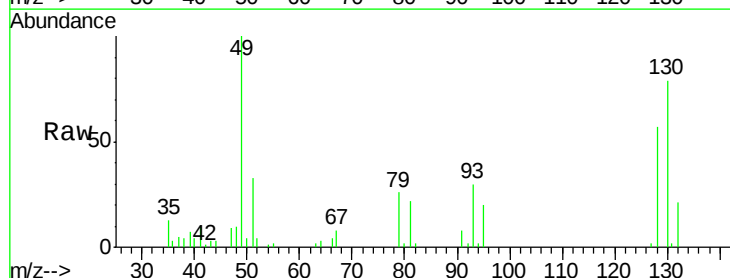
apatel
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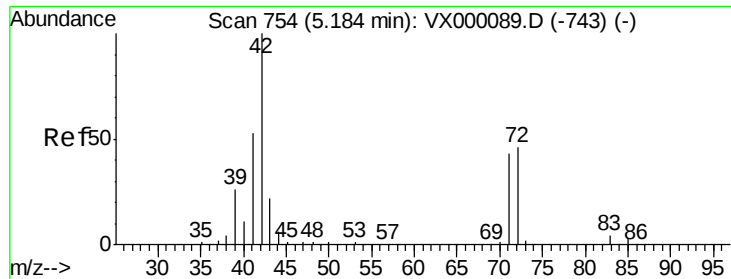


#28

Bromochloromethane
Concen: 18.62 ug/l
RT: 5.03 min Scan# 729
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	18965		
129	1.0	0.0	5.0	
130	77.3	71.9	107.9	





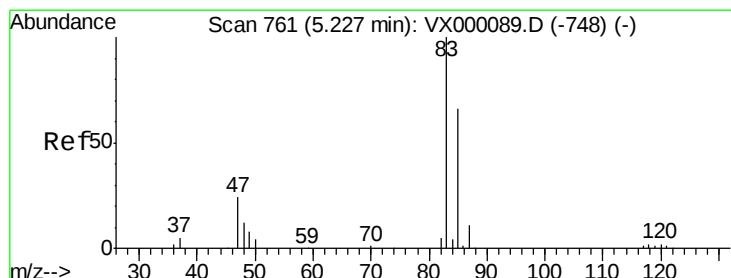
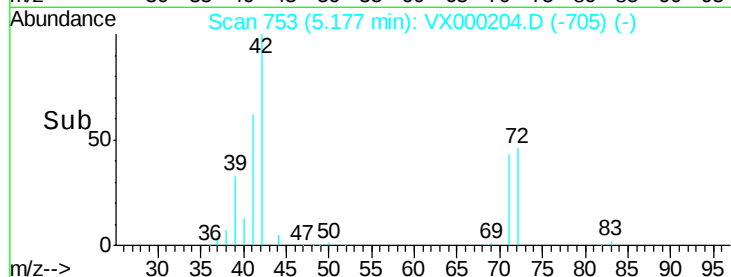
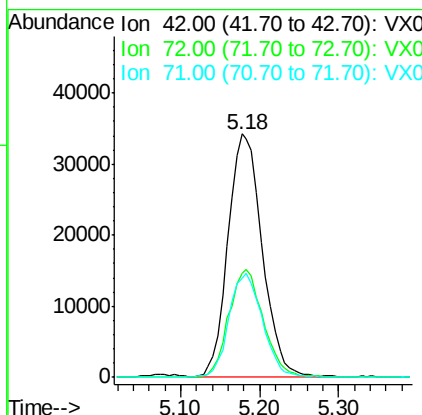
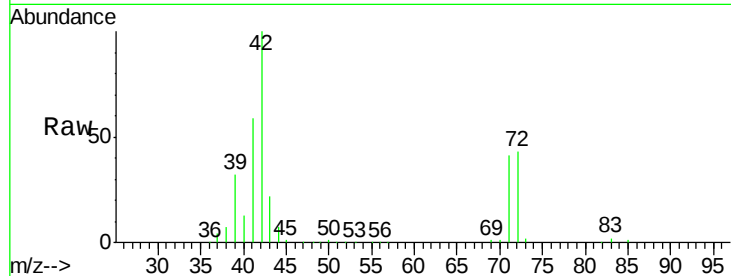
#29
Tetrahydrofuran
Concen: 111.54 ug/l
RT: 5.18 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.8	38.6	58.0
71	42.1	36.2	54.4

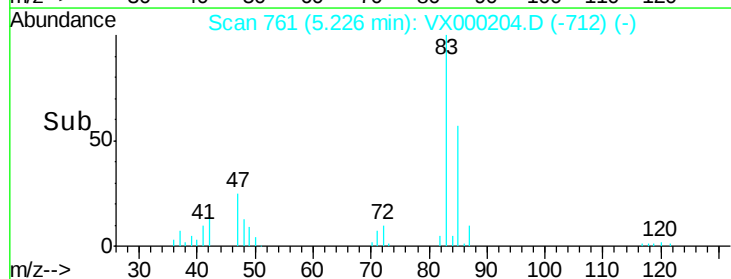
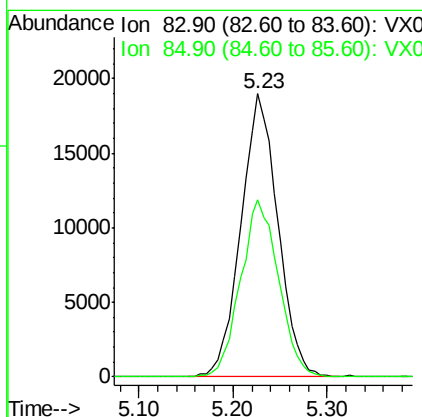
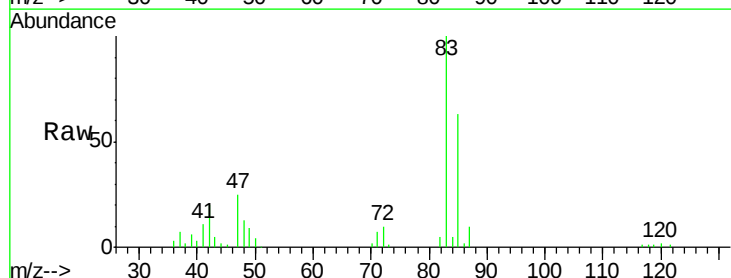
Manual Integrations
APPROVED

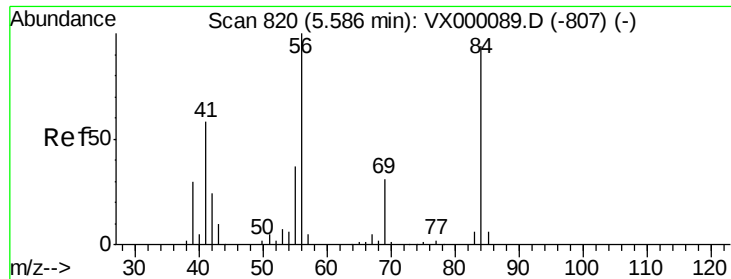
apatel
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#30
Chloroform
Concen: 21.84 ug/l
RT: 5.23 min Scan# 761
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.7	79.1





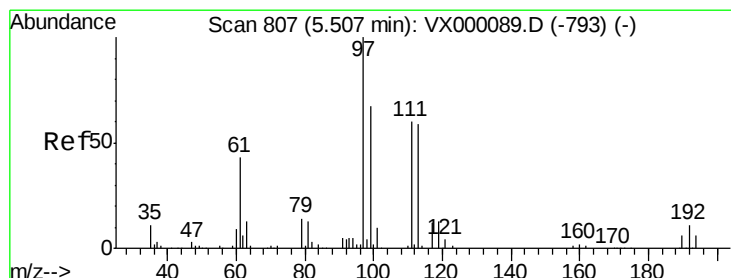
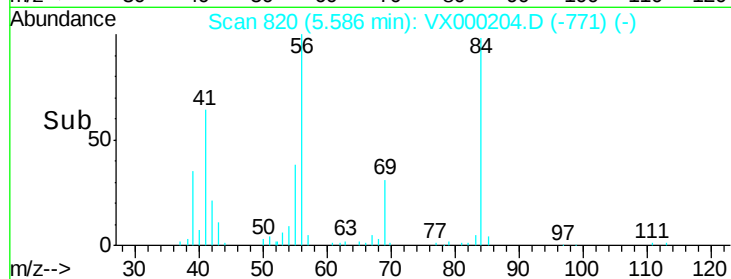
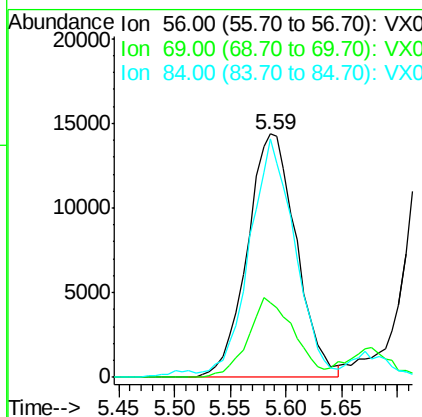
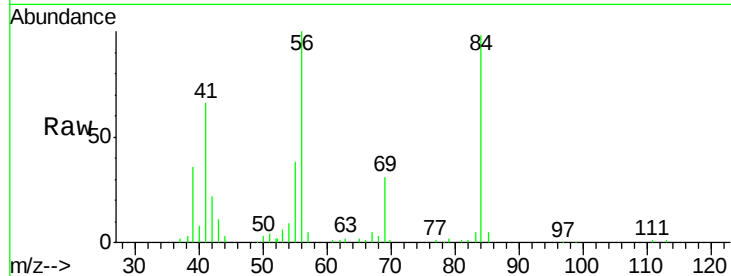
#31
Cyclohexane
Concen: 22.48 ug/l
RT: 5.59 min Scan# 820
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	30.0	24.9	37.3
84	95.3	75.0	112.4

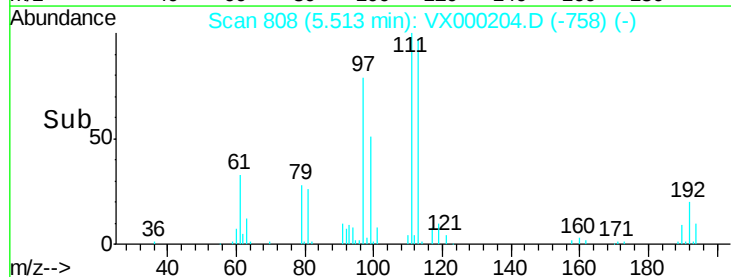
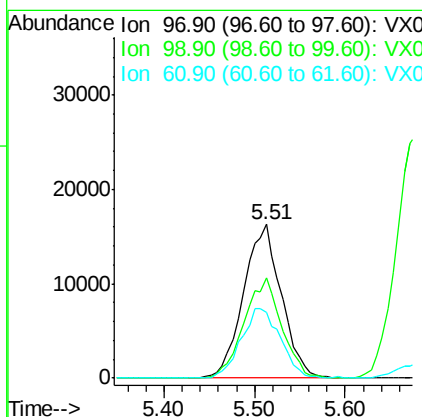
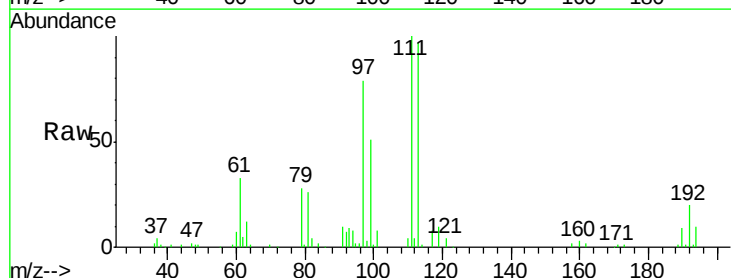
Manual Integrations
APPROVED

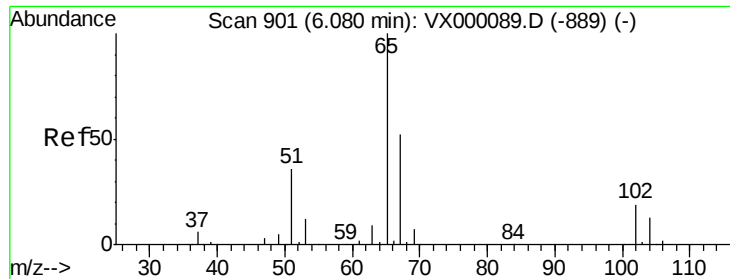
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#32
1,1,1-Trichloroethane
Concen: 21.37 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.1	76.7
61	47.0	33.4	50.0





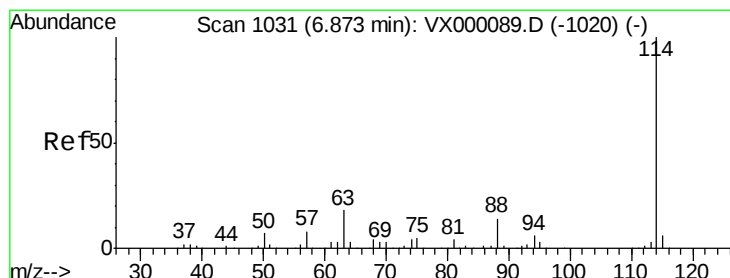
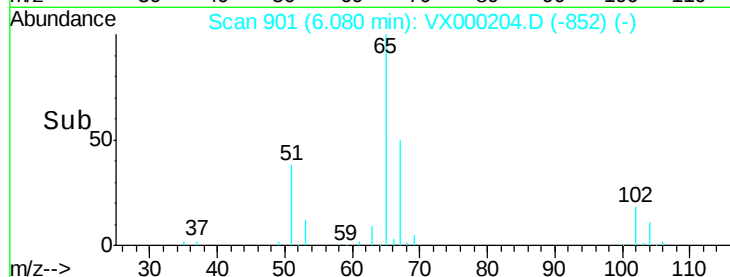
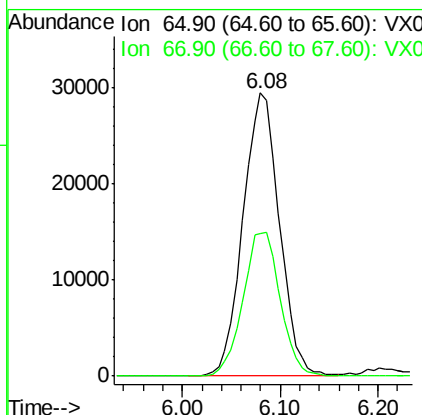
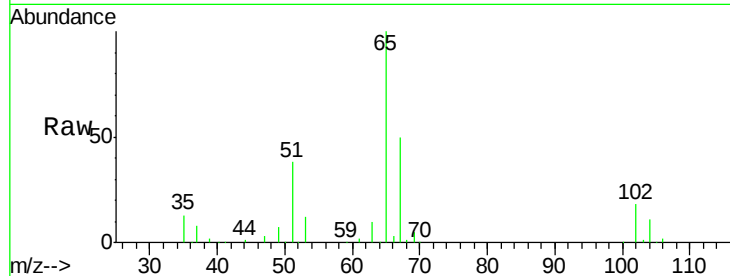
#33
 1,2-Dichloroethane-d4
 Concen: 48.67 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion: 65 Resp: 76085
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.8

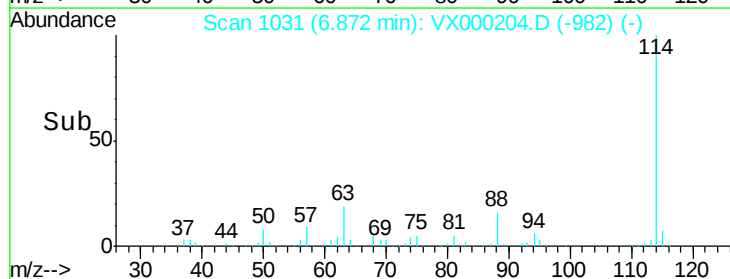
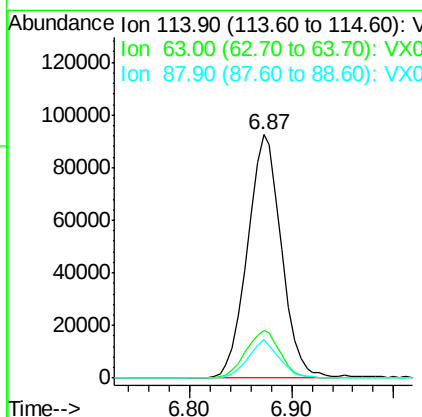
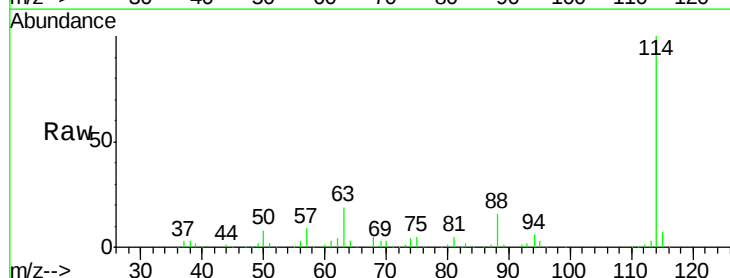
Manual Integrations
 APPROVED

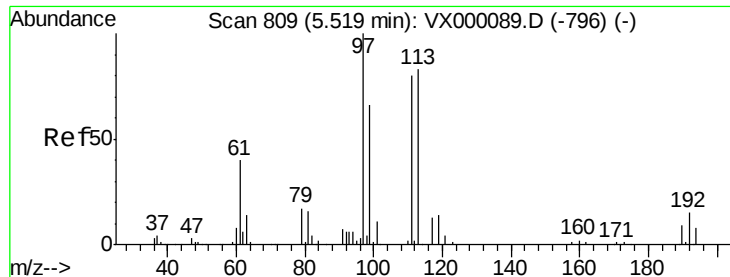
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 114 Resp: 214201
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.4
 88 15.8 0.0 29.0





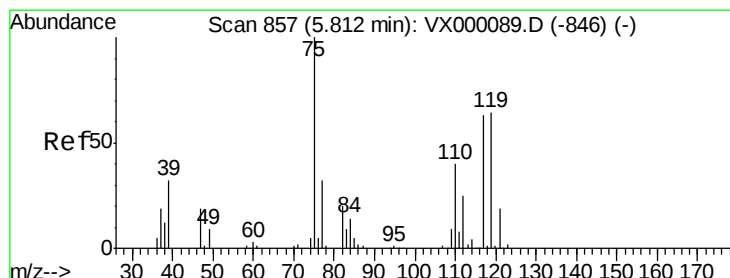
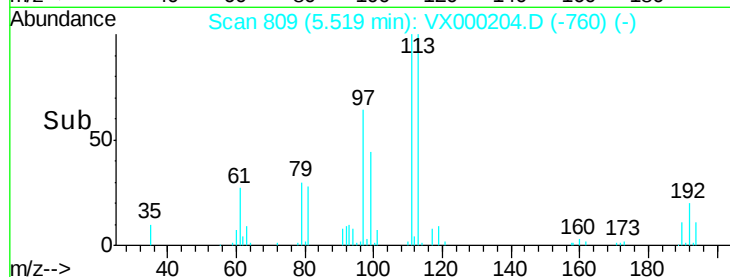
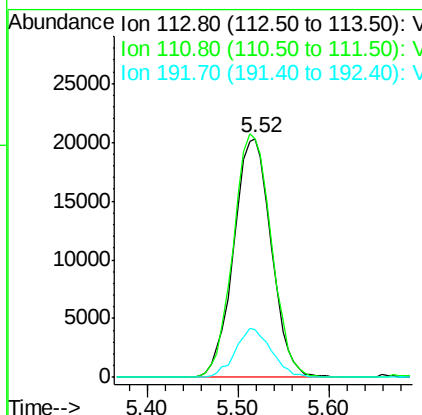
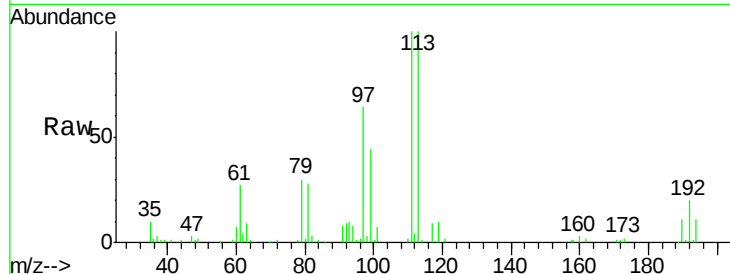
#35
 Dibromofluoromethane
 Concen: 43.43 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.0	121.6
192	19.6	15.7	23.5

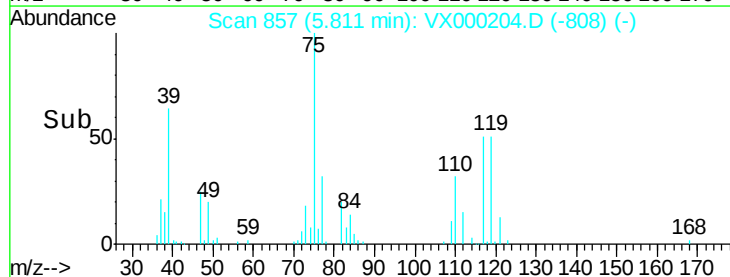
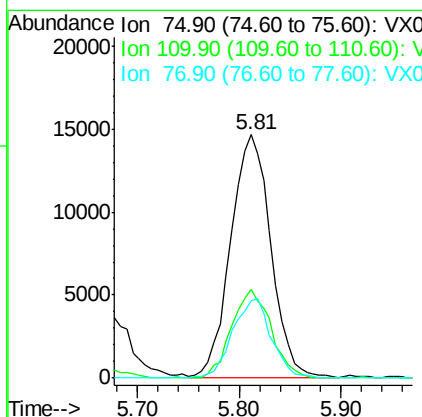
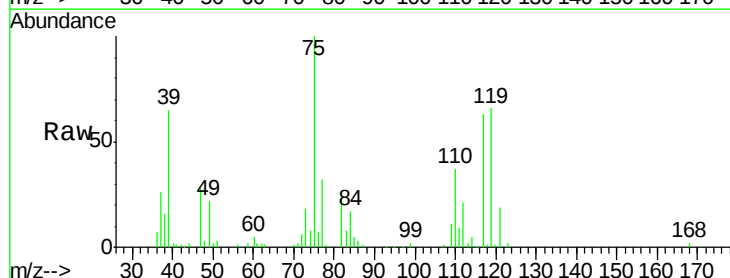
Manual Integrations
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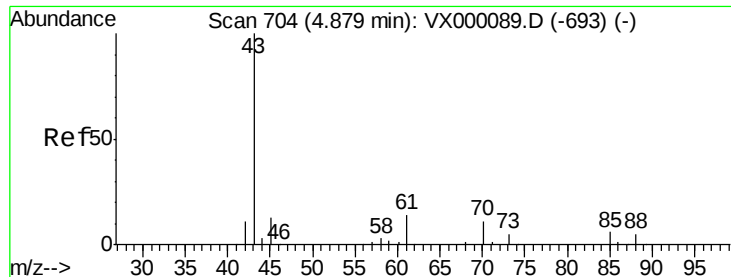
apatel
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#36
 1,1-Dichloropropene
 Concen: 20.69 ug/l
 RT: 5.81 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	19.5	58.5
77	31.7	24.7	37.1





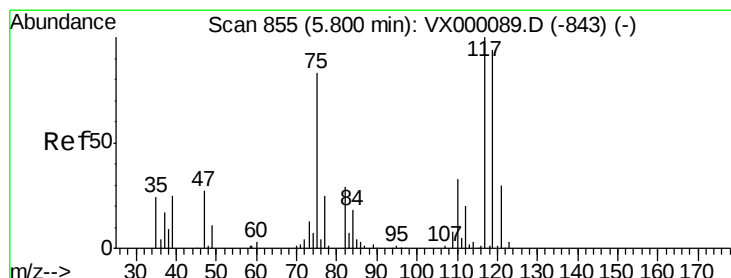
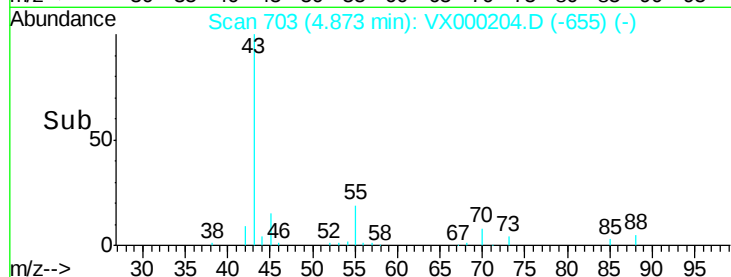
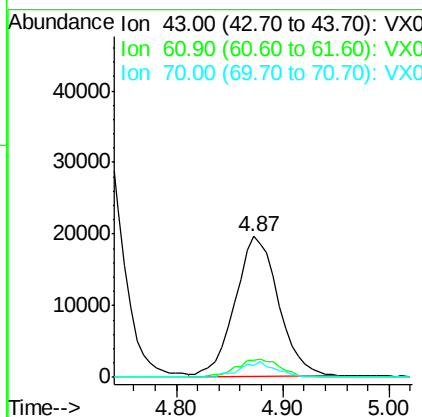
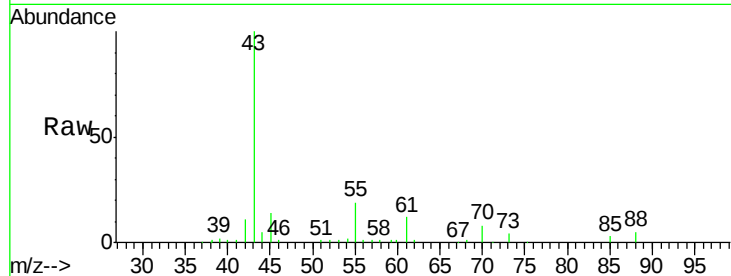
#37
Ethyl Acetate
Concen: 21.22 ug/l
RT: 4.87 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampled :
VX0302WBSD01

Tgt Ion: 43 Resp: 56039
Ion Ratio Lower Upper
43 100
61 13.6 11.5 17.3
70 9.3 9.0 13.4

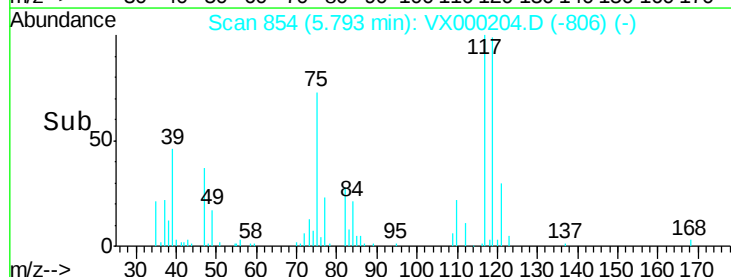
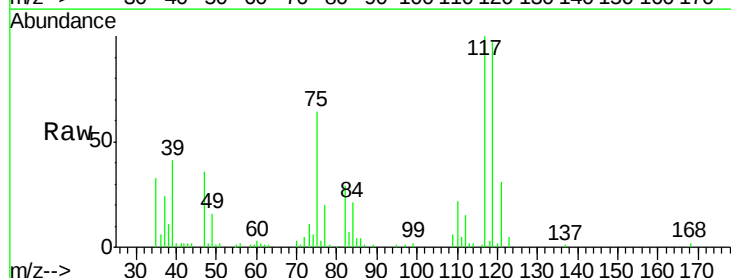
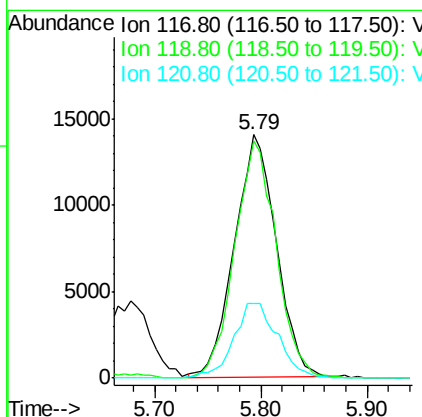
Manual Integrations
APPROVED

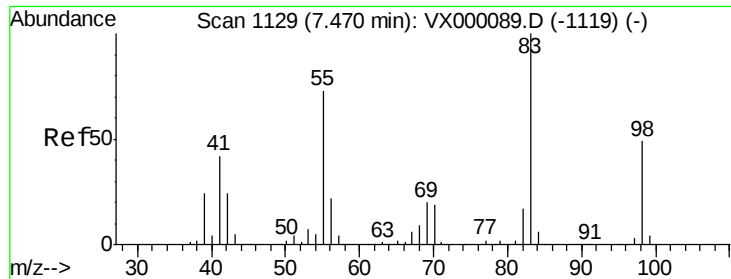
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#38
Carbon Tetrachloride
Concen: 18.75 ug/l
RT: 5.79 min Scan# 854
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 117 Resp: 38928
Ion Ratio Lower Upper
117 100
119 97.7 75.3 112.9
121 30.7 23.7 35.5





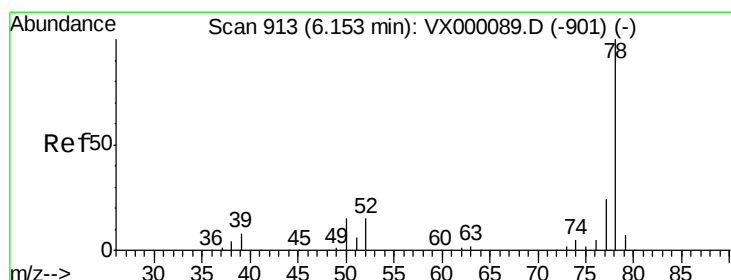
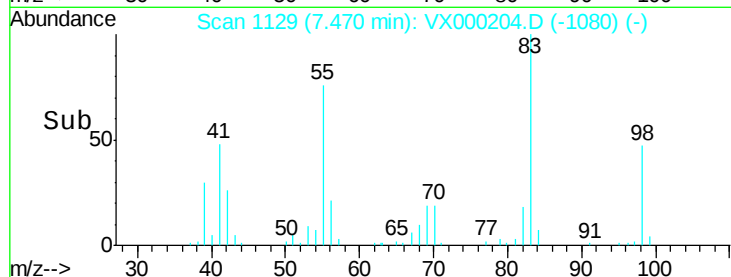
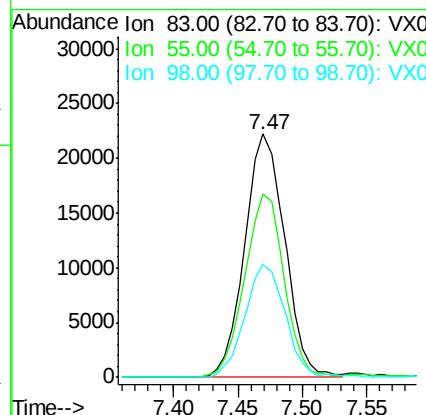
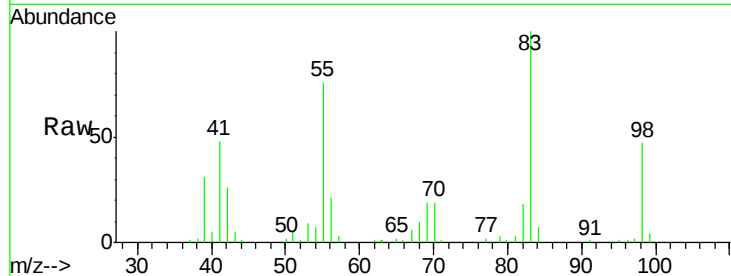
#39
Methylcyclohexane
Concen: 20.67 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	75.6	58.2	87.2
98	46.5	39.0	58.6

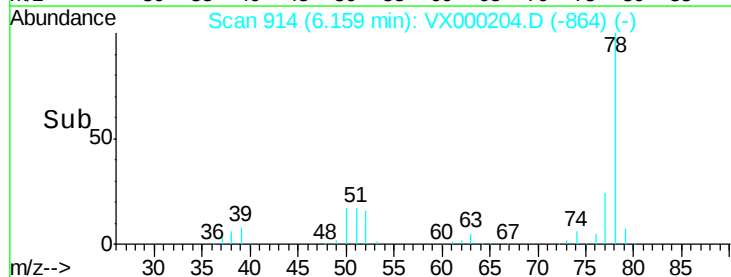
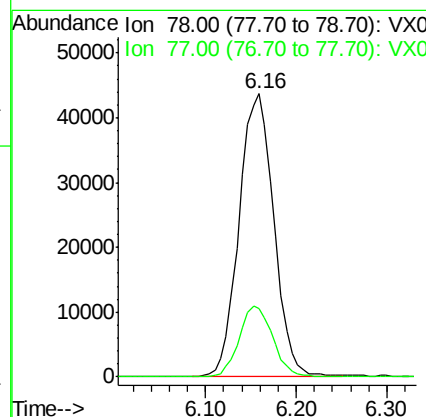
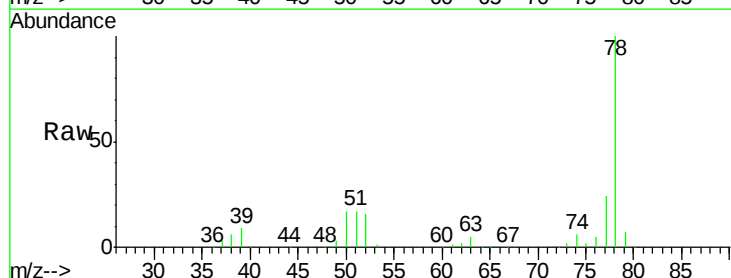
Manual Integrations
APPROVED

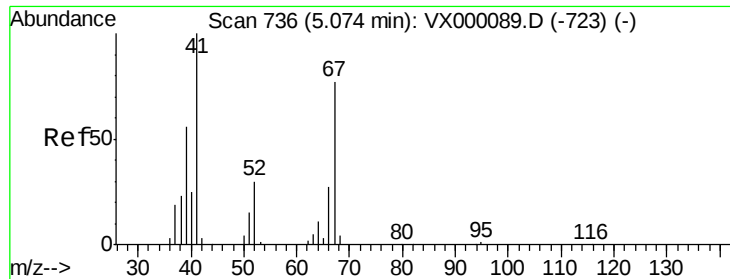
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#40
Benzene
Concen: 21.20 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





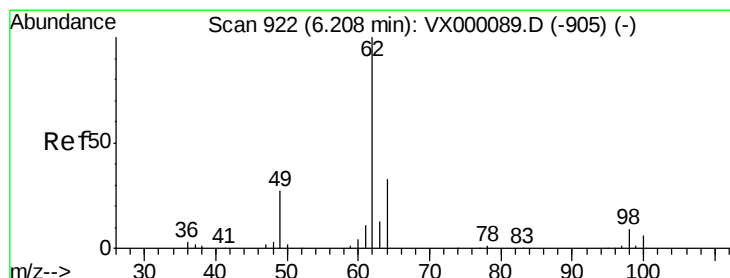
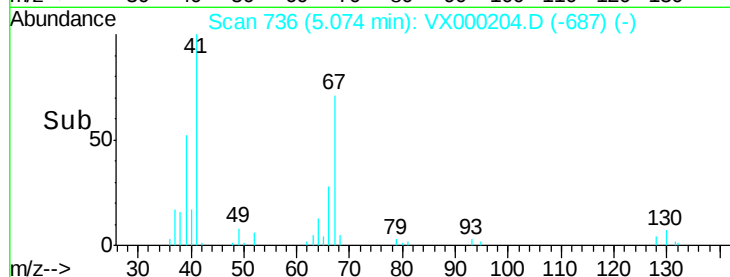
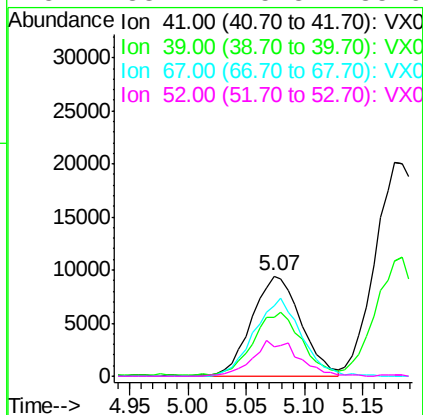
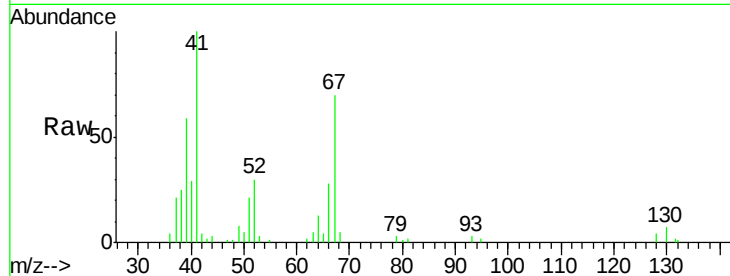
#41
Methacrylonitrile
Concen: 21.82 ug/l
RT: 5.07 min Scan# 736
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.0	45.1	67.7
67	73.6	61.0	91.4
52	33.4	25.8	38.6

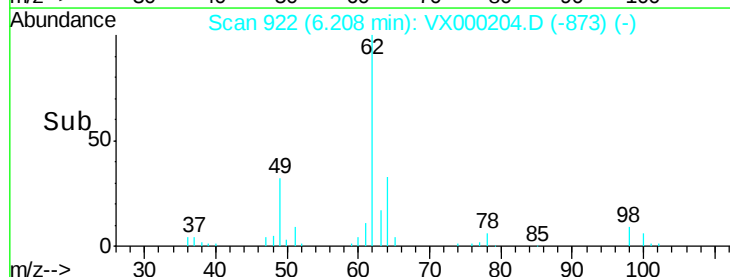
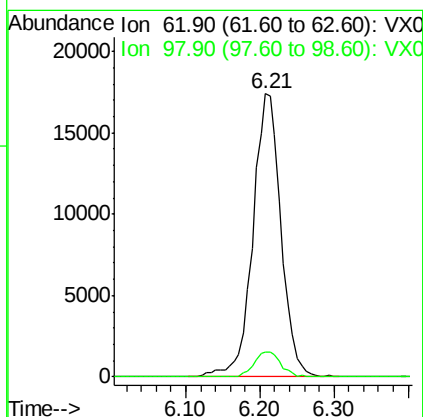
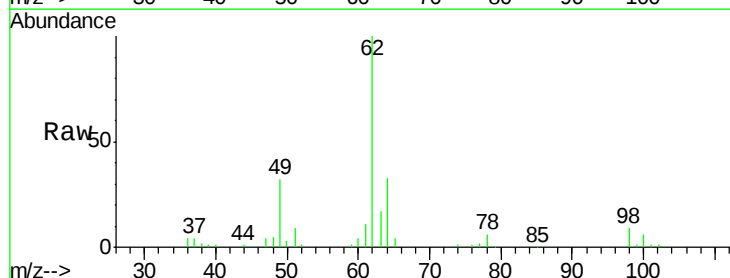
Manual Integrations
APPROVED

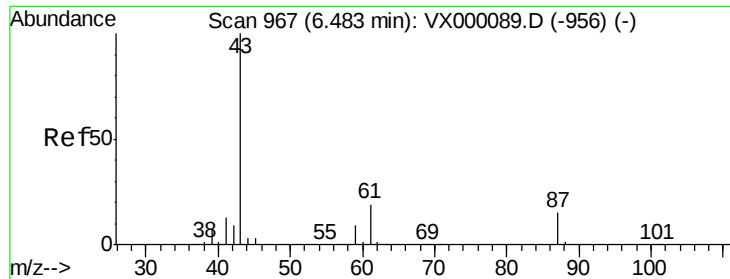
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#42
1,2-Dichloroethane
Concen: 22.79 ug/l
RT: 6.21 min Scan# 922
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.8





#43

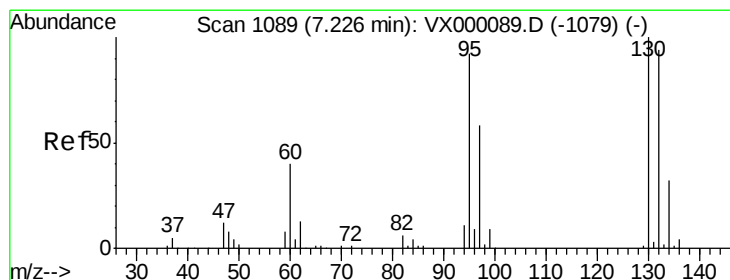
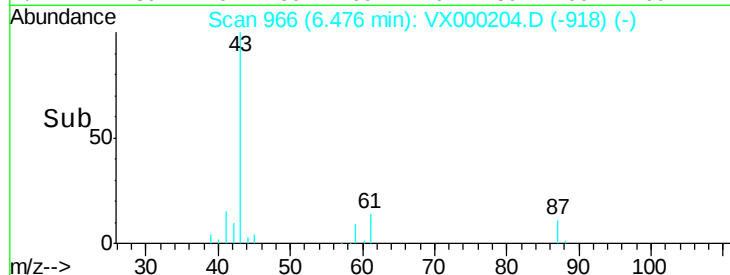
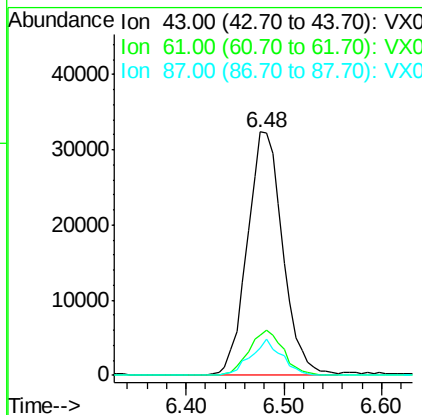
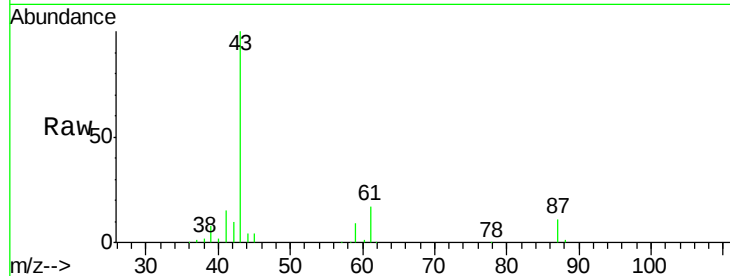
Isopropyl Acetate
 Concen: 21.46 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.6	23.4
87	13.0	11.7	17.5

Manual Integrations
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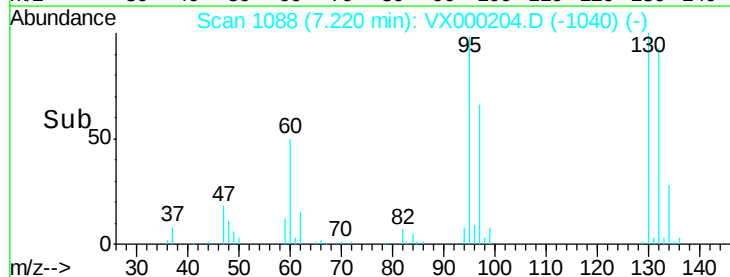
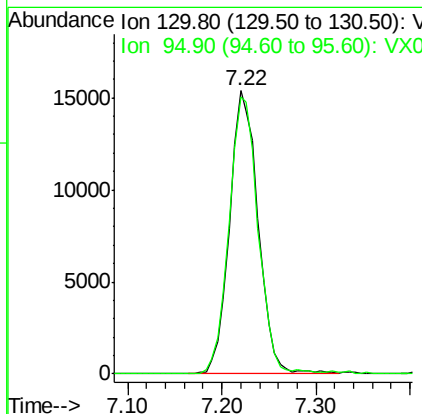
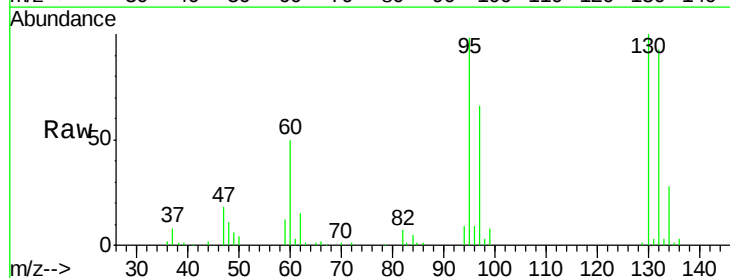
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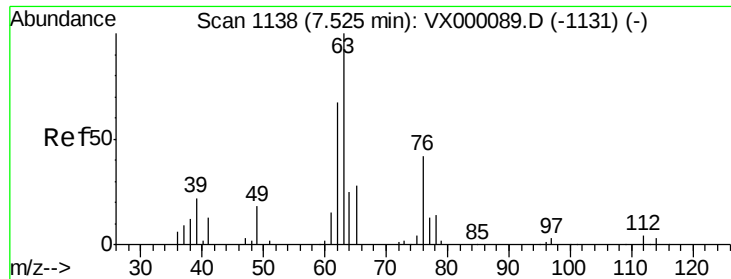


#44

Trichloroethene
 Concen: 20.04 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.8	0.0	183.4





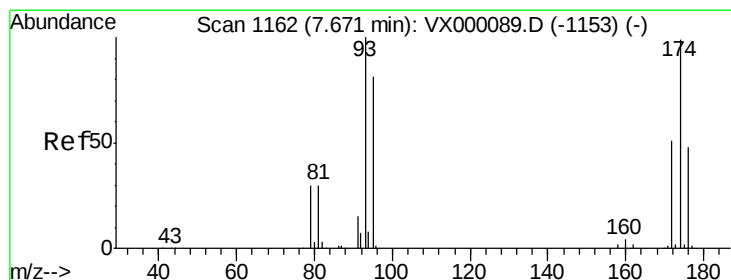
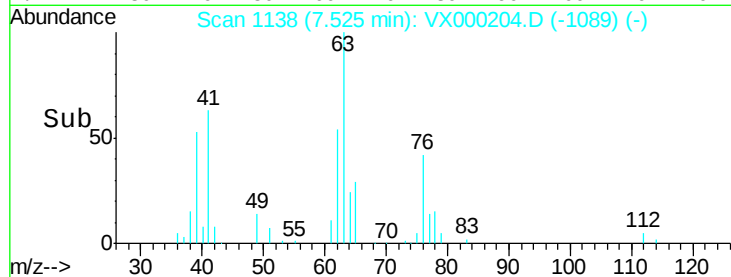
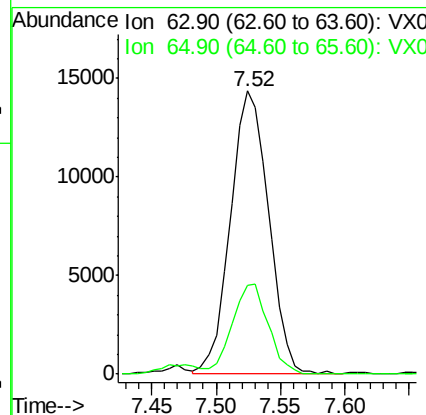
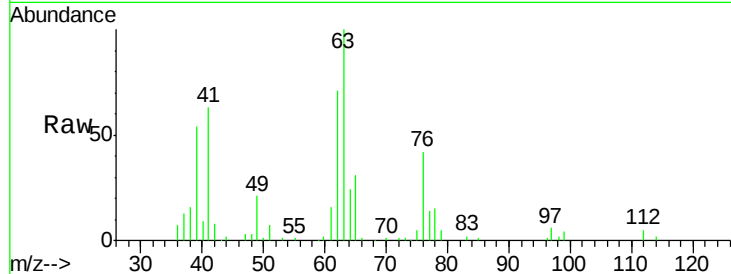
#45
 1,2-Dichloropropane
 Concen: 22.14 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion: 63 Resp: 29800
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.8 35.8

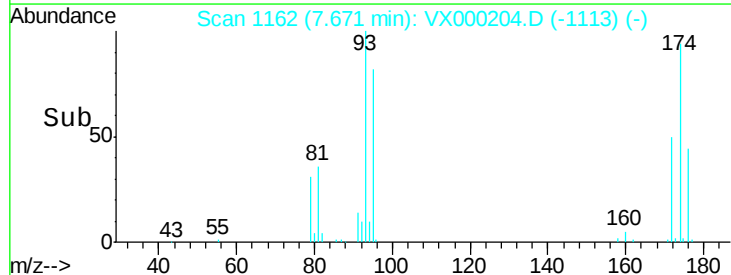
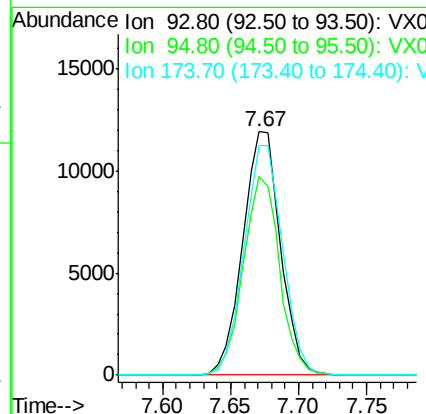
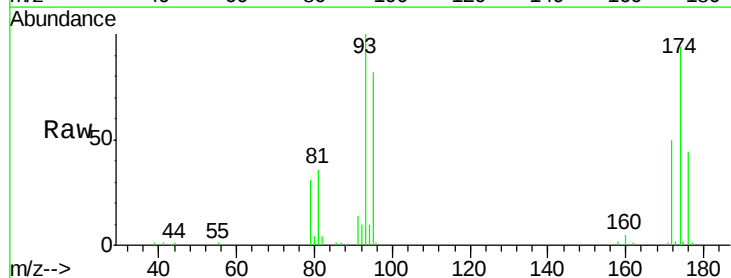
Manual Integrations
 APPROVED

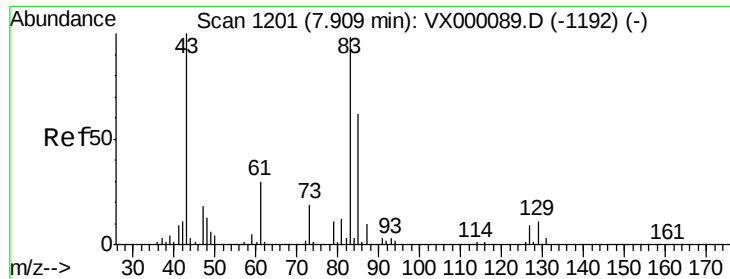
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#46
 Dibromomethane
 Concen: 22.01 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 93 Resp: 23118
 Ion Ratio Lower Upper
 93 100
 95 78.9 65.0 97.6
 174 96.3 83.1 124.7





#47

Bromodichloromethane

Concen: 20.38 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

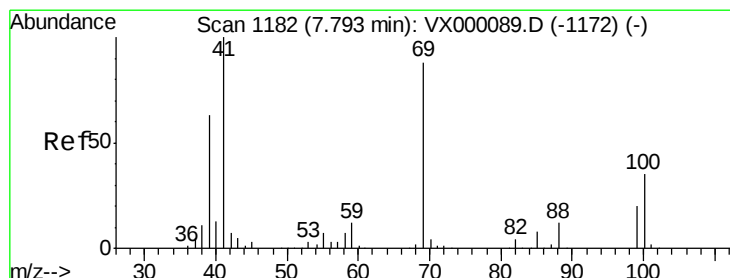
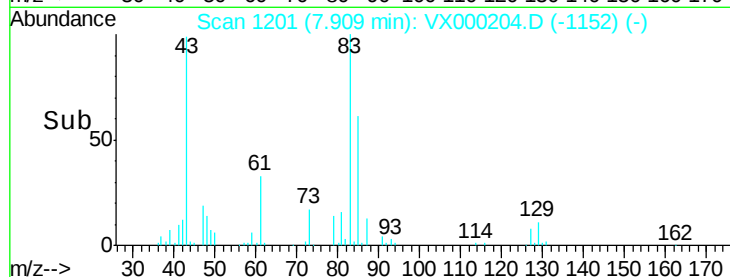
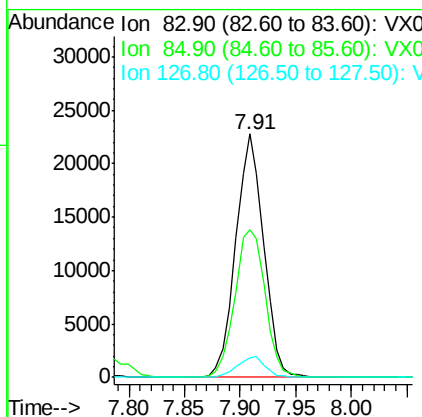
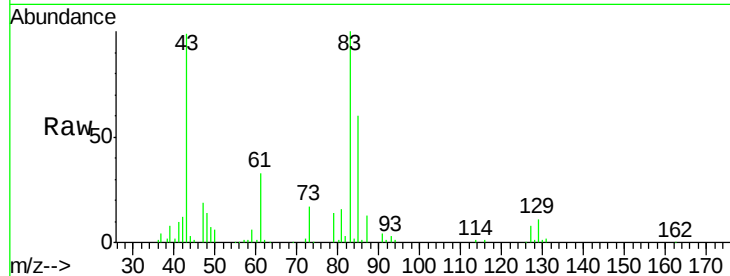
ClientSampleId :

VX0302WBSD01

Tgt Ion:	83	Resp:	39546
Ion	Ratio	Lower	Upper
83	100		
85	60.5	50.4	75.6
127	8.2	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 21.63 ug/l

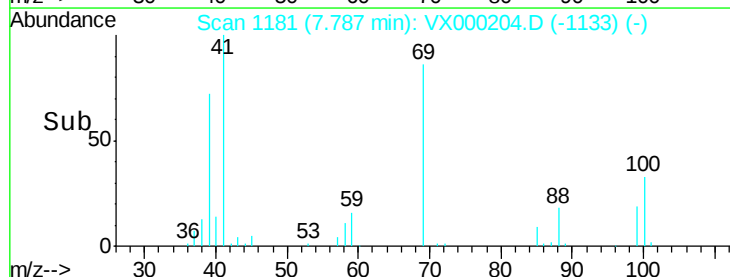
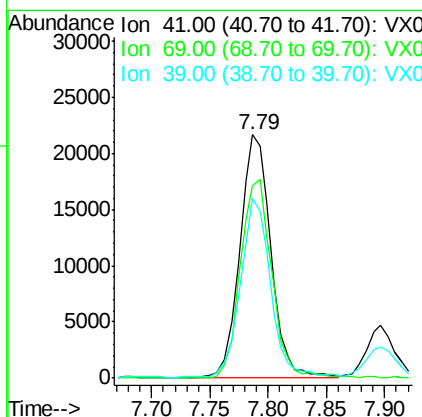
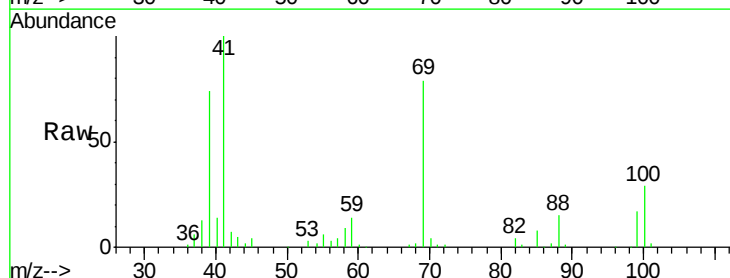
RT: 7.79 min Scan# 1181

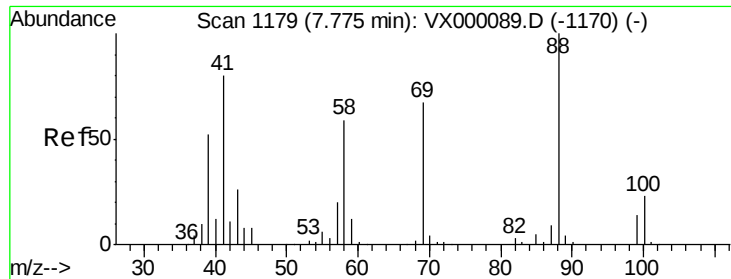
Delta R.T. -0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Tgt Ion:	41	Resp:	40384
Ion	Ratio	Lower	Upper
41	100		
69	83.2	70.2	105.4
39	70.6	51.0	76.6





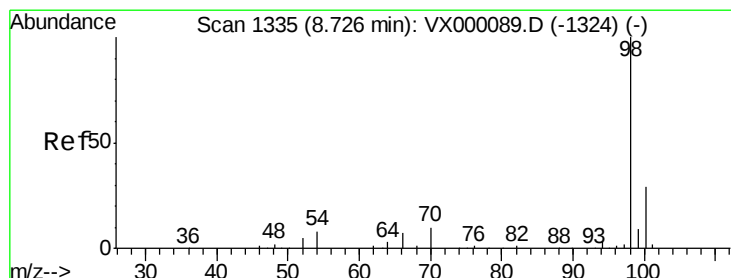
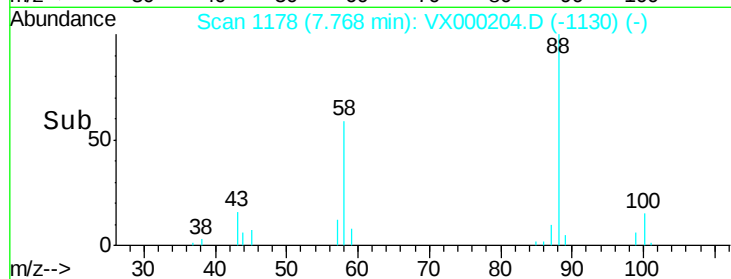
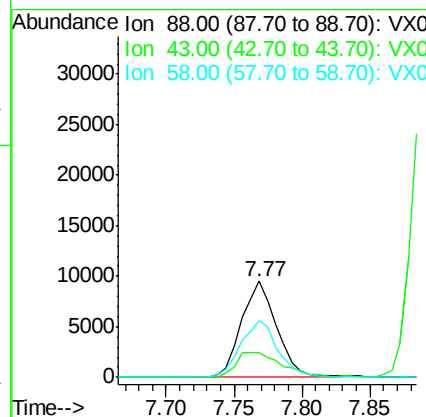
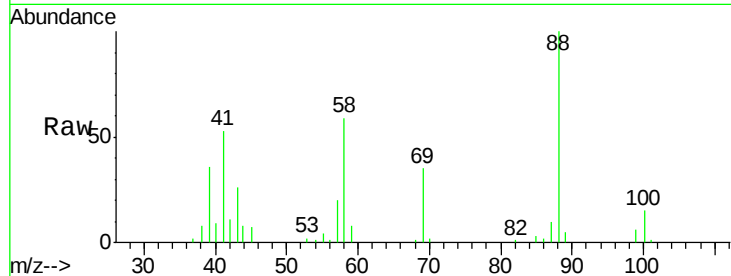
#49
1,4-Dioxane
Concen: 350.92 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion: 88 Resp: 17177
Ion Ratio Lower Upper
88 100
43 34.1 24.1 36.1
58 62.8 49.0 73.6

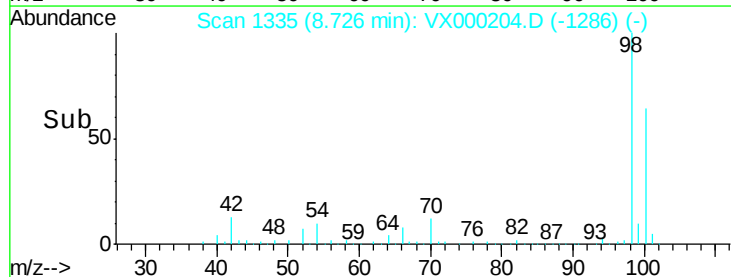
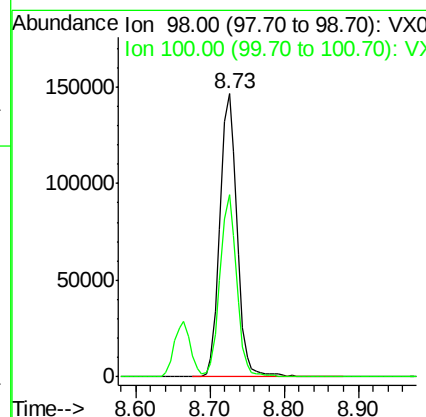
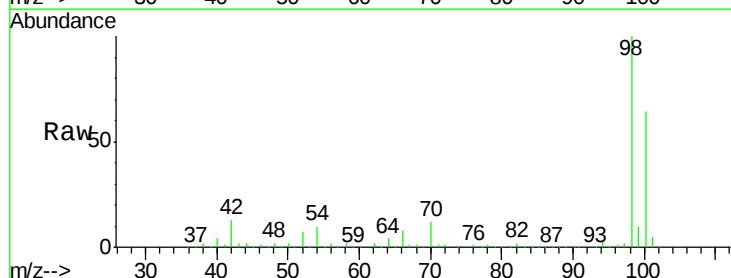
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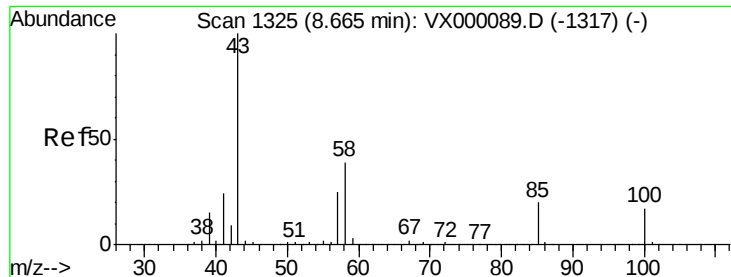
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#50
Toluene-d8
Concen: 43.58 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 98 Resp: 232431
Ion Ratio Lower Upper
98 100
100 63.4 52.2 78.2





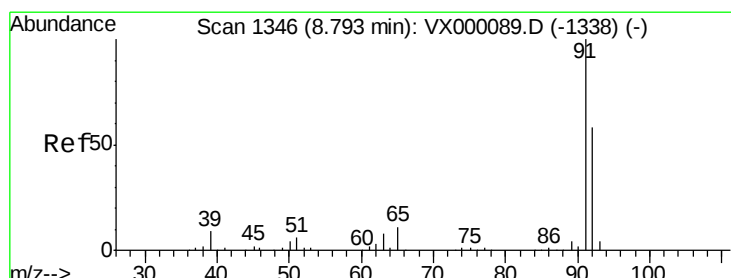
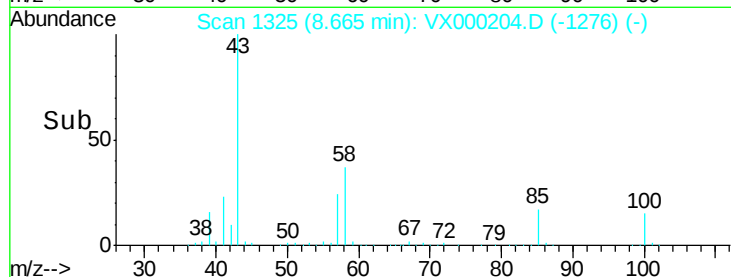
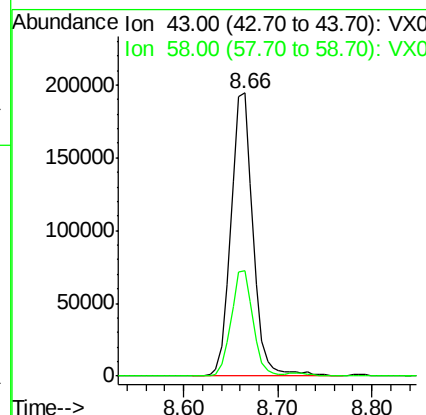
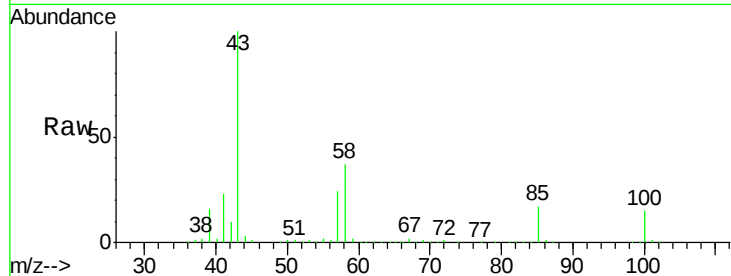
#51
 4-Methyl-2-Pentanone
 Concen: 114.14 ug/l
 RT: 8.66 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion: 43 Resp: 317735
 Ion Ratio Lower Upper
 43 100
 58 36.4 31.6 47.4

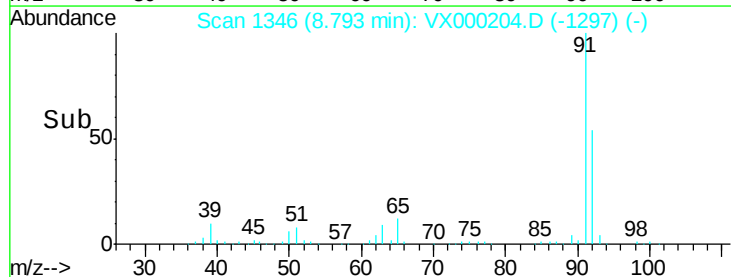
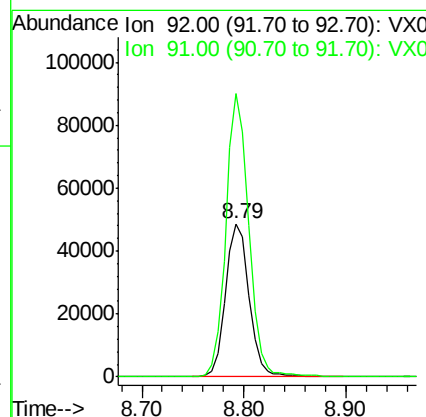
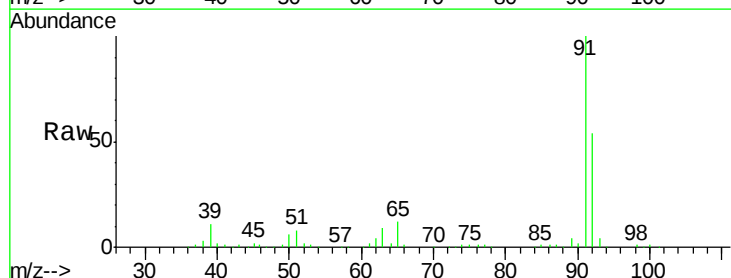
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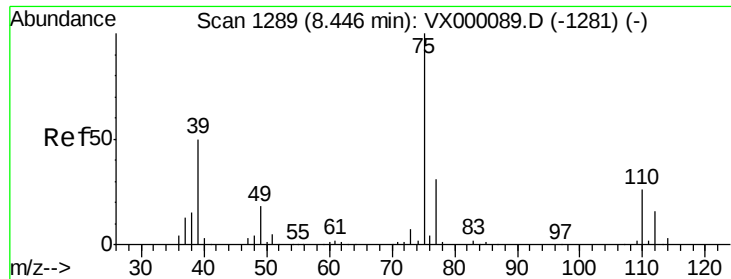
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#52
 Toluene
 Concen: 21.50 ug/l
 RT: 8.79 min Scan# 1346
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 92 Resp: 78874
 Ion Ratio Lower Upper
 92 100
 91 178.3 139.8 209.6





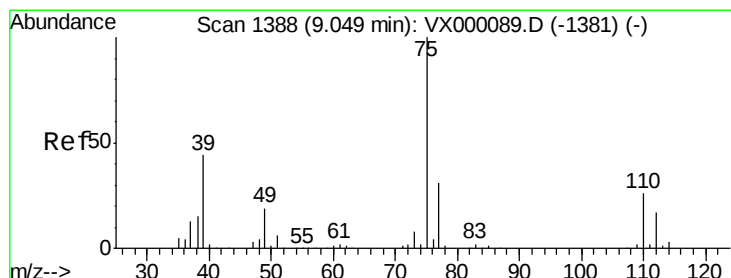
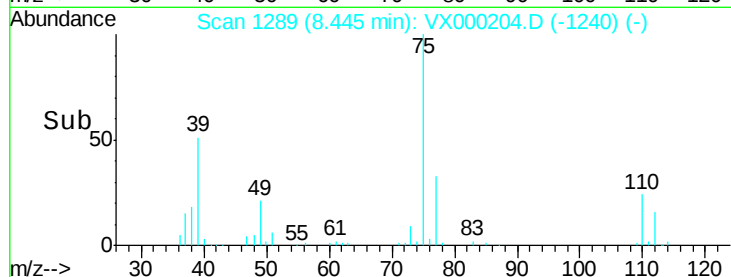
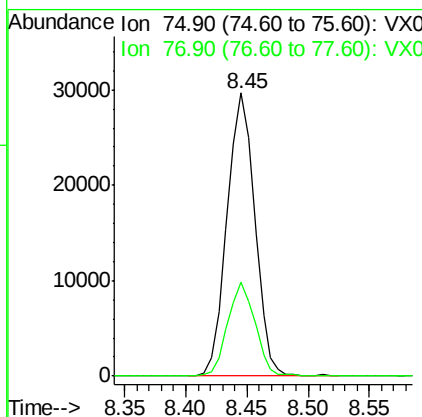
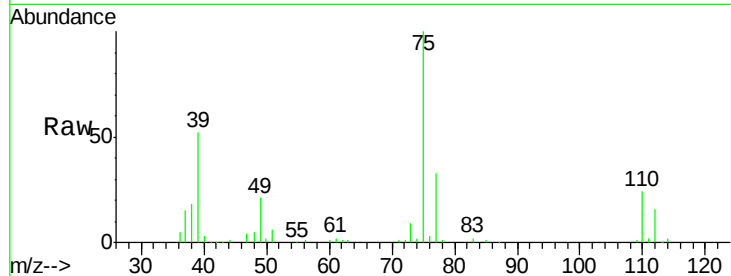
#53
t-1,3-Dichloropropene
Concen: 20.51 ug/l
RT: 8.45 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion: 75 Resp: 46787
Ion Ratio Lower Upper
75 100
77 33.1 25.0 37.6

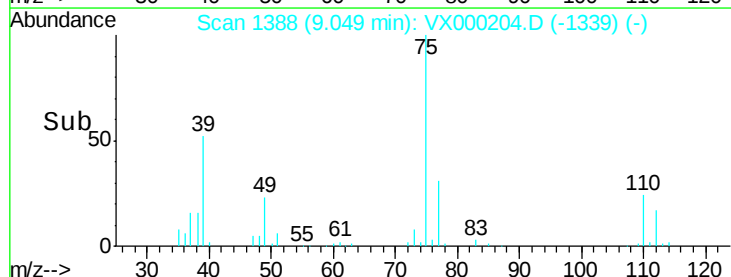
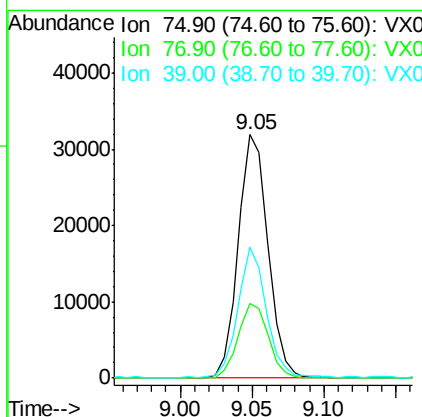
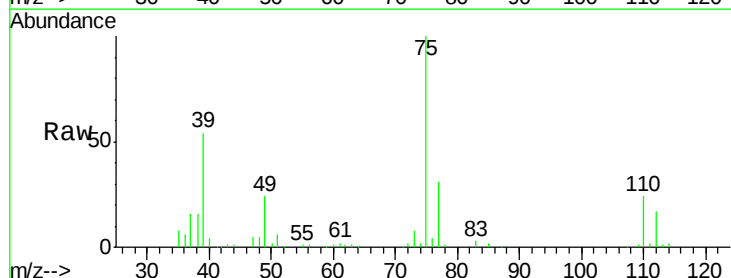
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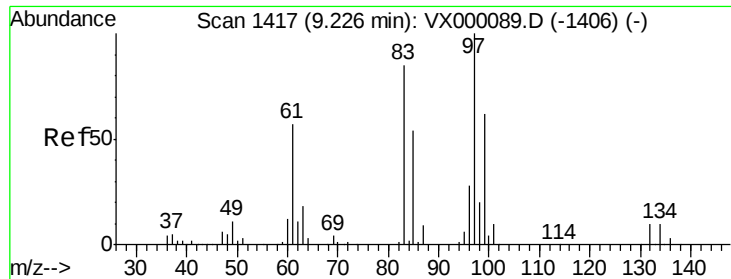
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#54
cis-1,3-Dichloropropene
Concen: 20.23 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 75 Resp: 45812
Ion Ratio Lower Upper
75 100
77 30.5 25.0 37.6
39 53.3 35.4 53.0#





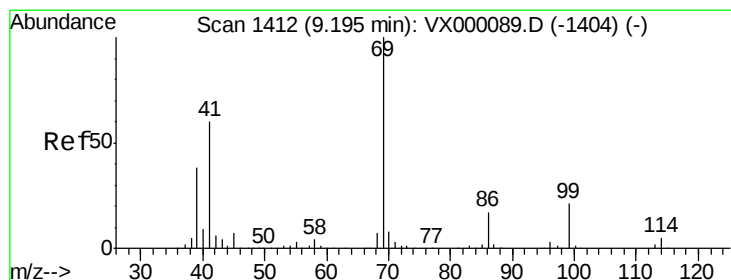
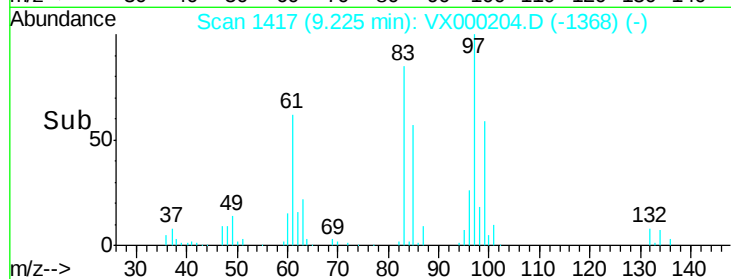
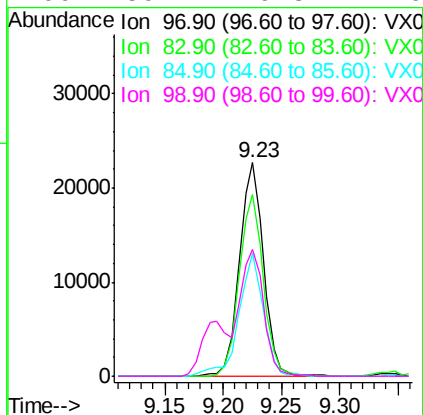
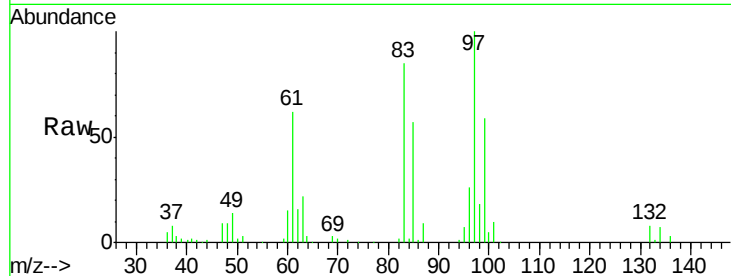
#55
 1,1,2-Trichloroethane
 Concen: 21.55 ug/l
 RT: 9.23 min Scan# 1417
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion:	97	Resp:	32695
Ion	Ratio	Lower	Upper
97	100		
83	85.1	67.6	101.4
85	57.3	42.9	64.3
99	59.4	49.8	74.6

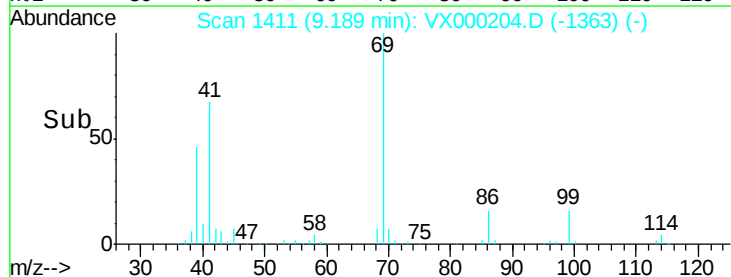
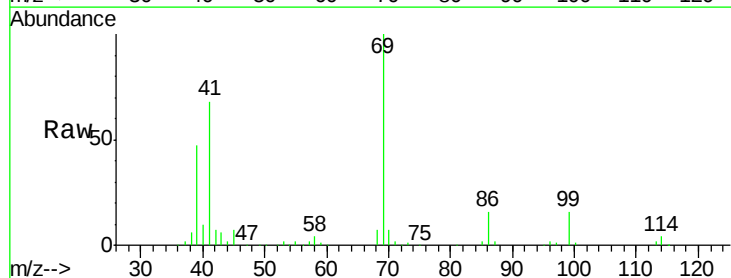
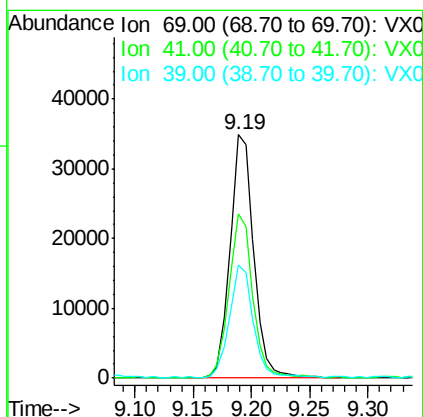
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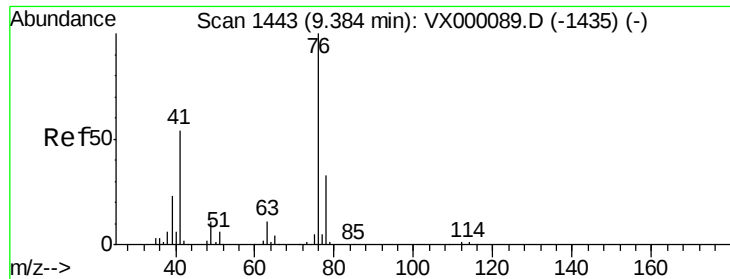
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#56
 Ethyl methacrylate
 Concen: 21.29 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion:	69	Resp:	49564
Ion	Ratio	Lower	Upper
69	100		
41	68.2	49.4	74.0
39	45.8	31.3	46.9





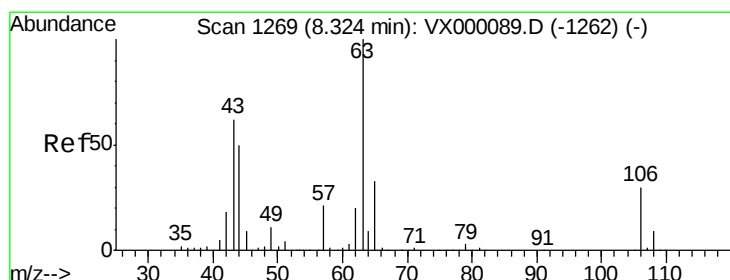
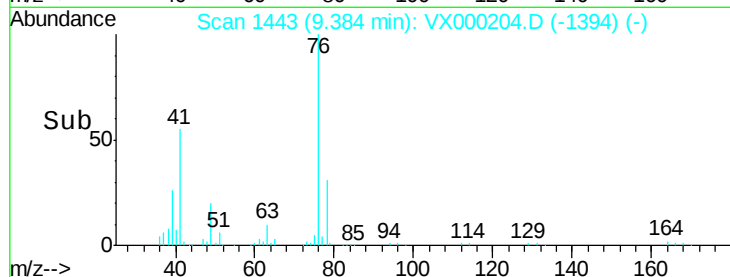
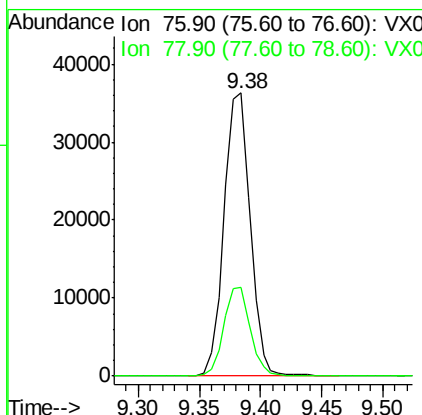
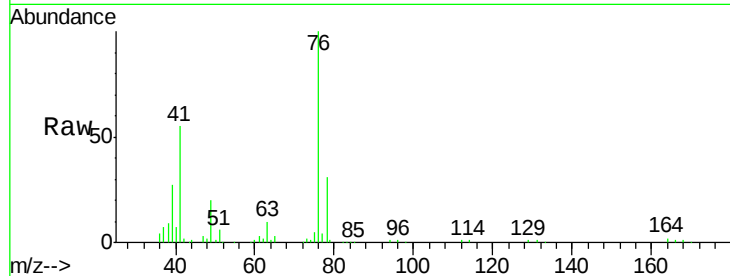
#57
 1,3-Dichloropropane
 Concen: 22.37 ug/l
 RT: 9.38 min Scan# 1443
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion: 76 Resp: 53907
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.8

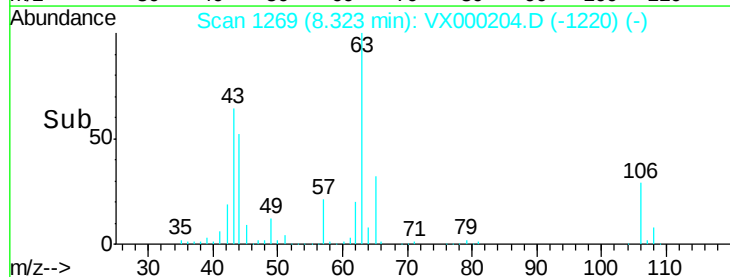
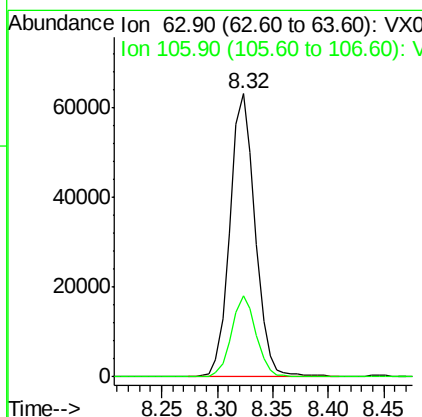
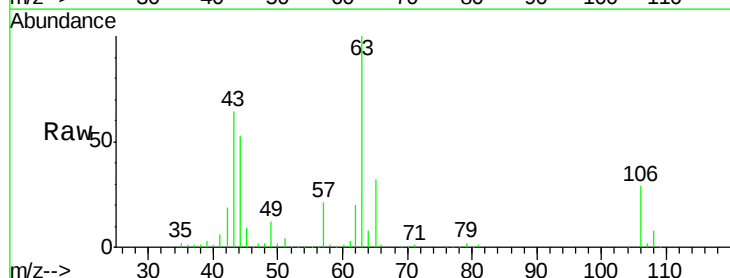
Manual Integrations
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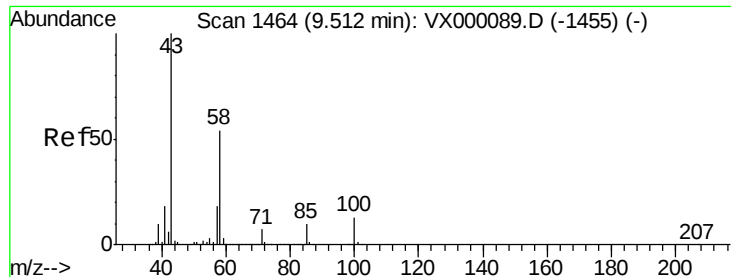
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#58
 2-Chloroethyl Vinyl ether
 Concen: 84.40 ug/l
 RT: 8.32 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 63 Resp: 99334
 Ion Ratio Lower Upper
 63 100
 106 27.9 24.6 37.0





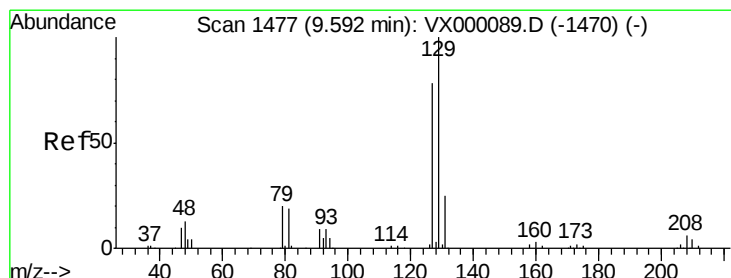
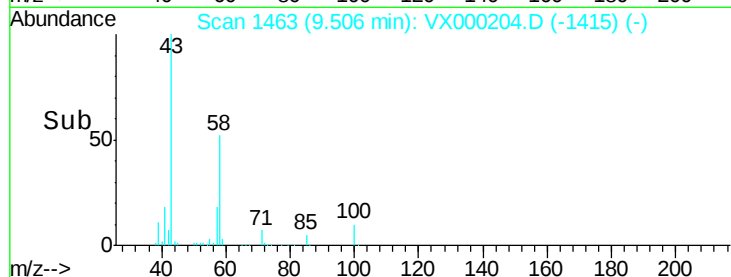
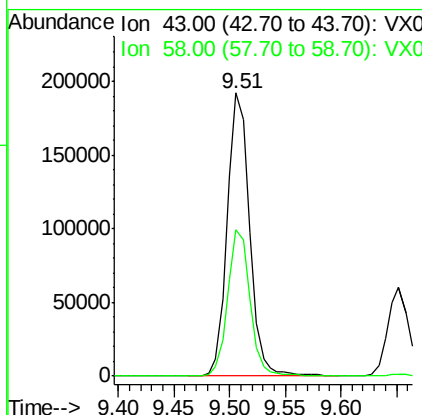
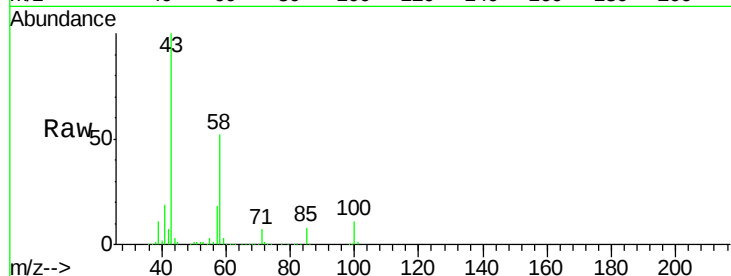
#59
2-Hexanone
Concen: 113.71 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampled :
VX0302WBSD01

Tgt Ion: 43 Resp: 268012
Ion Ratio Lower Upper
43 100
58 51.5 27.1 81.3

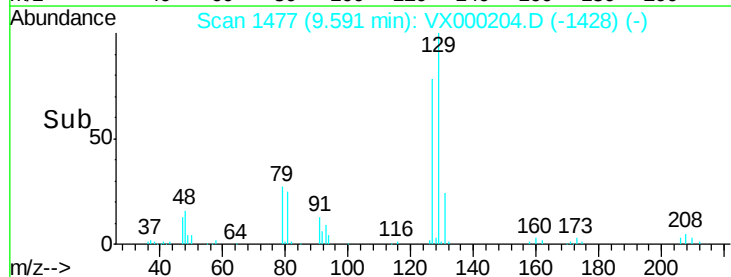
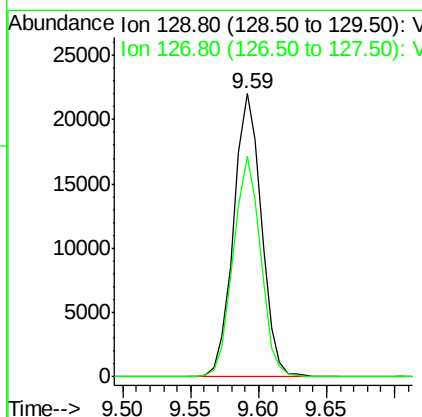
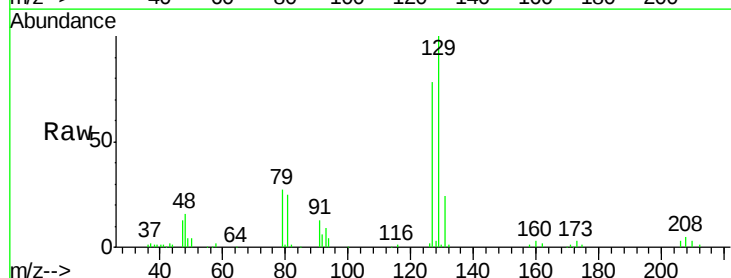
Manual Integrations
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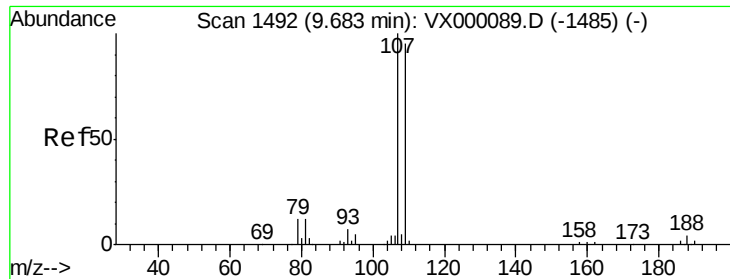
apatel
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#60
Dibromochloromethane
Concen: 18.26 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 129 Resp: 31389
Ion Ratio Lower Upper
129 100
127 76.5 37.6 112.9





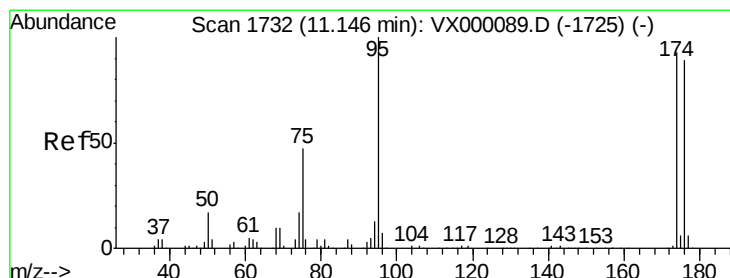
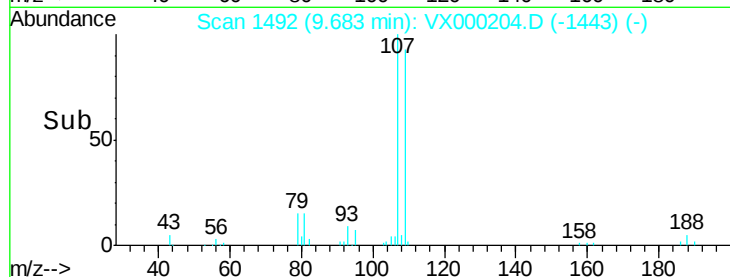
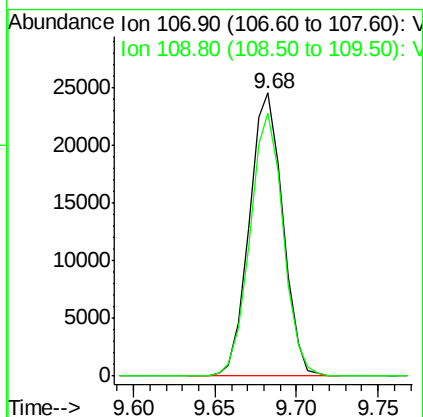
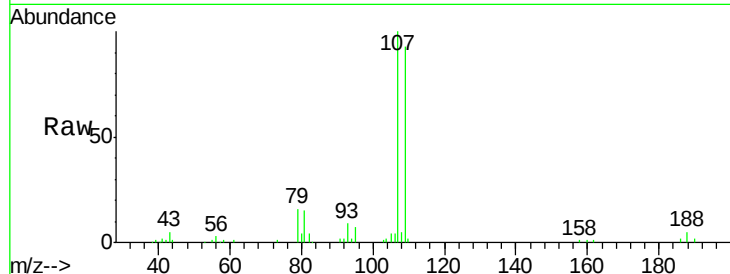
#61
 1,2-Dibromoethane
 Concen: 20.88 ug/l
 RT: 9.68 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion: 107 Resp: 35158
 Ion Ratio Lower Upper
 107 100
 109 92.6 76.4 114.6

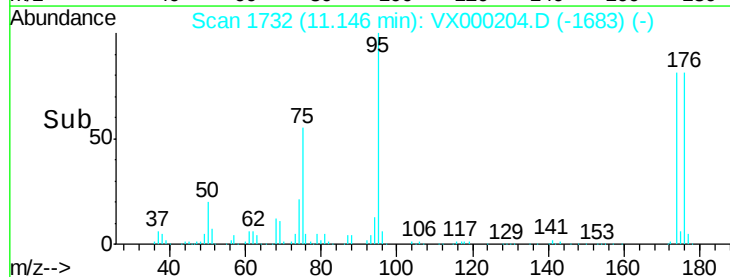
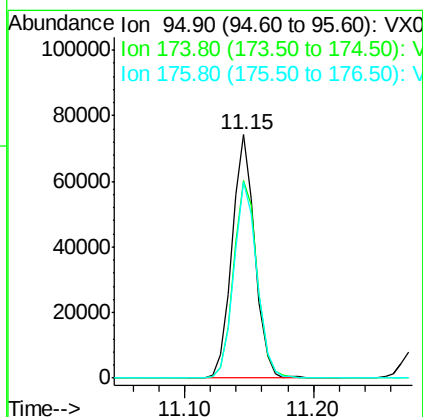
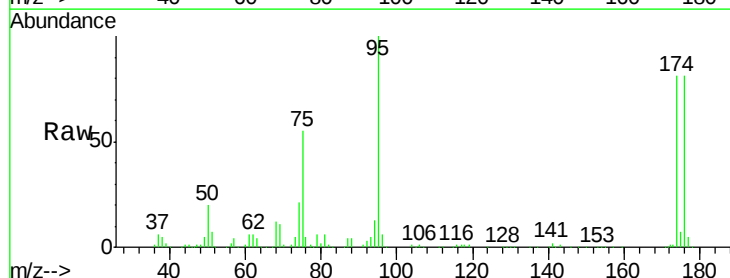
Manual Integrations
 APPROVED

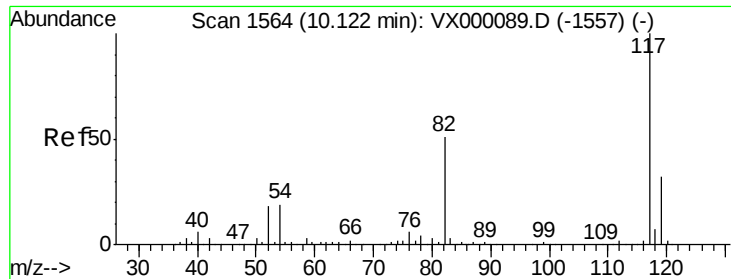
apatel
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#62
 4-Bromofluorobenzene
 Concen: 44.02 ug/l
 RT: 11.15 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion: 95 Resp: 92041
 Ion Ratio Lower Upper
 95 100
 174 83.9 0.0 187.8
 176 81.8 0.0 181.2





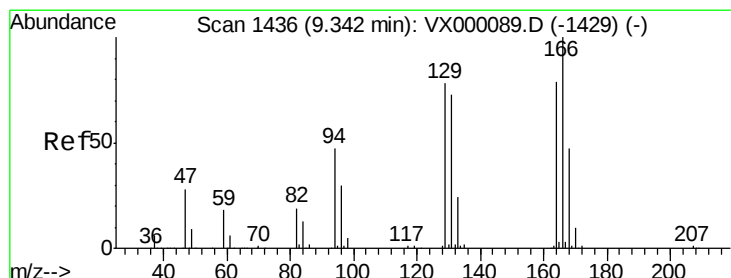
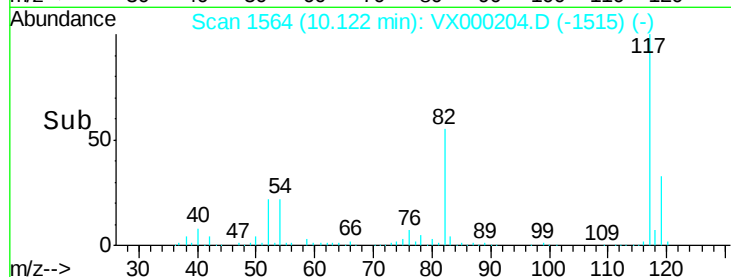
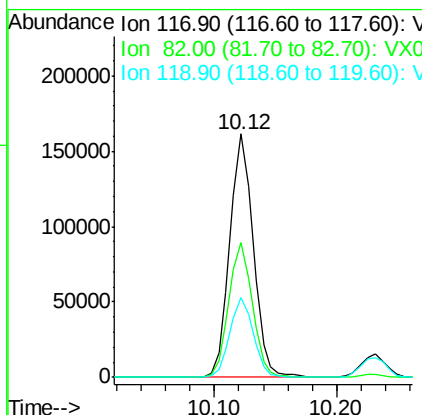
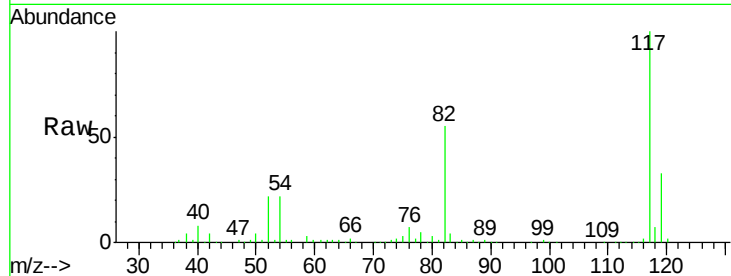
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampled :
VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.2	41.0	61.6
119	32.7	25.5	38.3

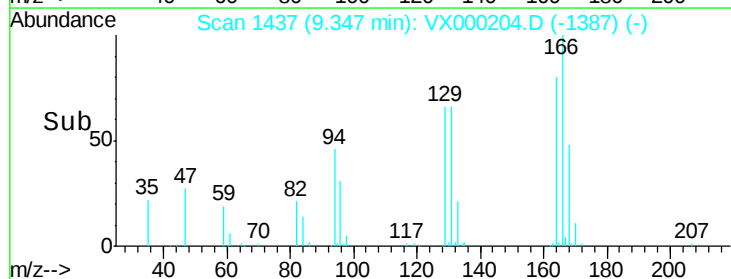
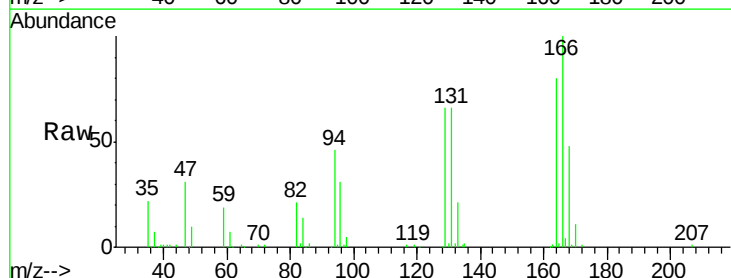
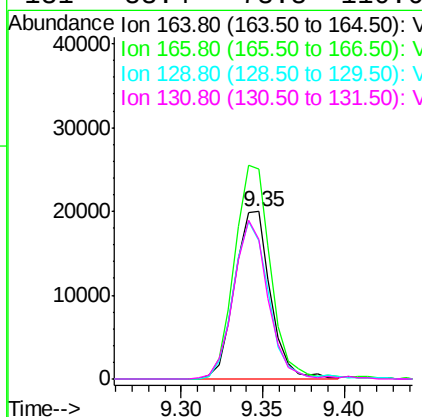
Manual Integrations
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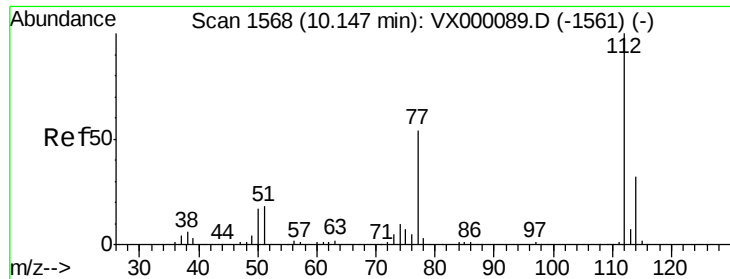
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#64
Tetrachloroethene
Concen: 19.58 ug/l
RT: 9.35 min Scan# 1437
Delta R.T. 0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.4	101.4	152.2
129	83.0	78.6	118.0
131	83.4	73.8	110.6





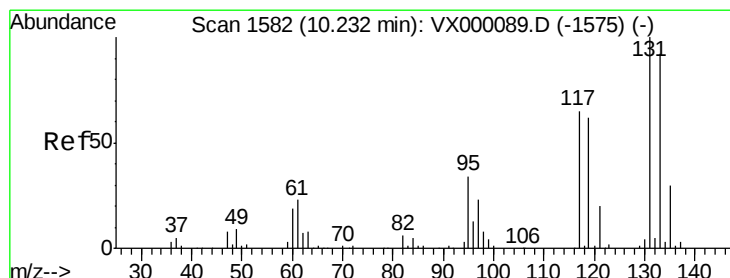
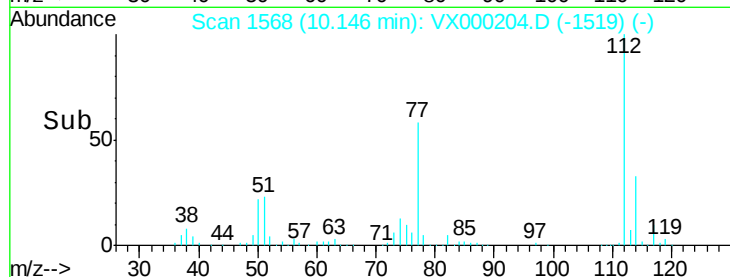
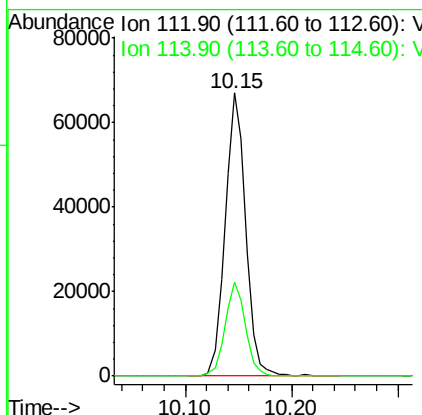
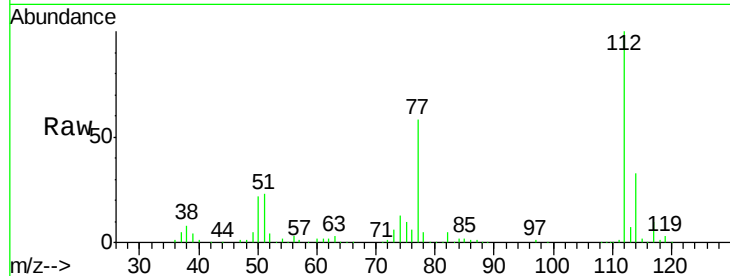
#65
Chlorobenzene
Concen: 19.92 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion:112 Resp: 90246
Ion Ratio Lower Upper
112 100
114 33.3 25.6 38.4

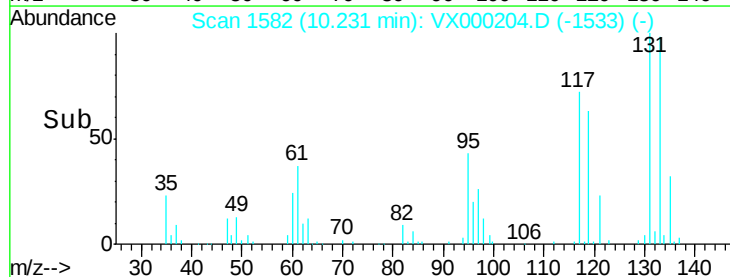
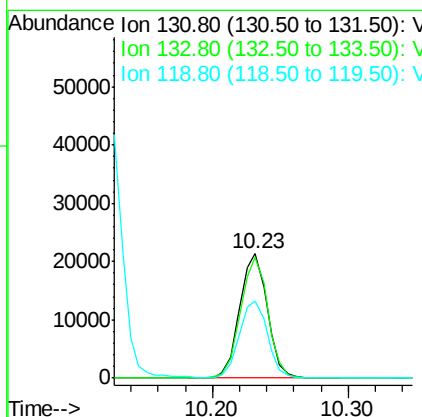
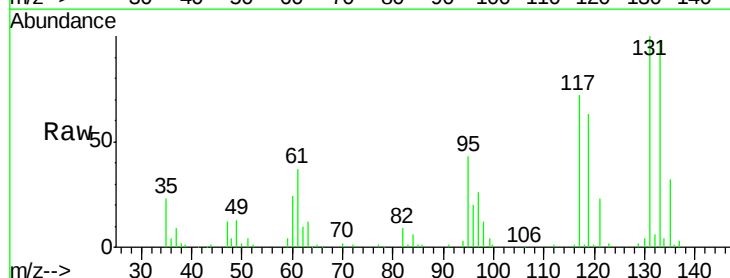
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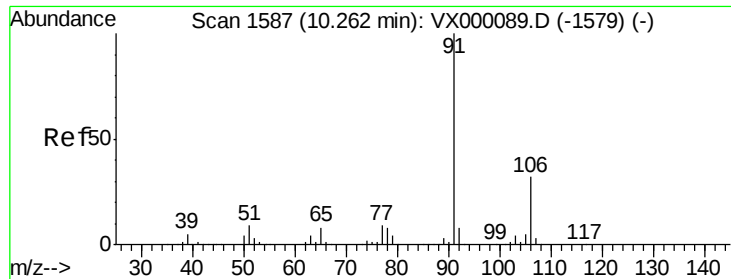
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.04 ug/l
RT: 10.23 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion:131 Resp: 30189
Ion Ratio Lower Upper
131 100
133 96.2 47.4 142.3
119 64.2 31.7 95.1





#67

Ethyl Benzene

Concen: 20.81 ug/l

RT: 10.26 min Scan# 1587

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampled :

VX0302WBSD01

Tgt Ion: 91 Resp: 158278

Ion Ratio Lower Upper

91 100

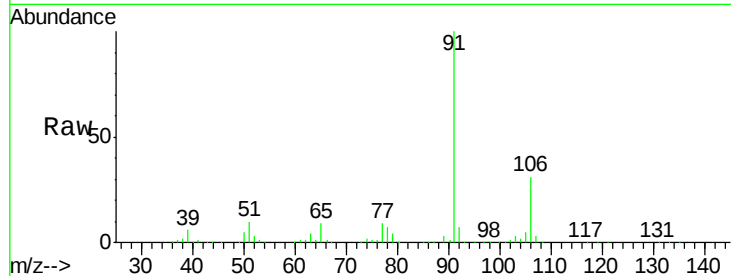
106 31.2 25.8 38.6

Manual Integrations

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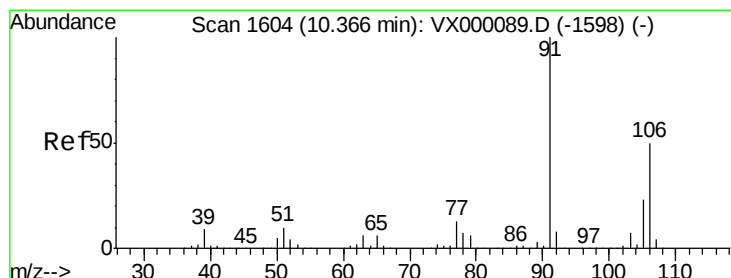
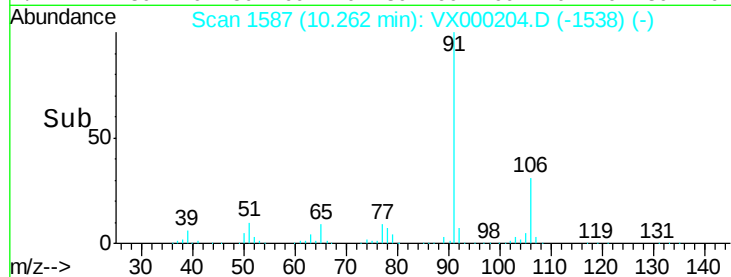
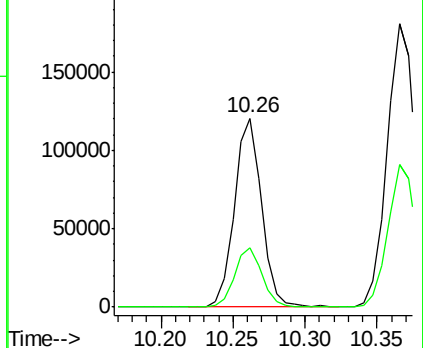
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.35 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. -0.00 min

Lab File: VX000204.D

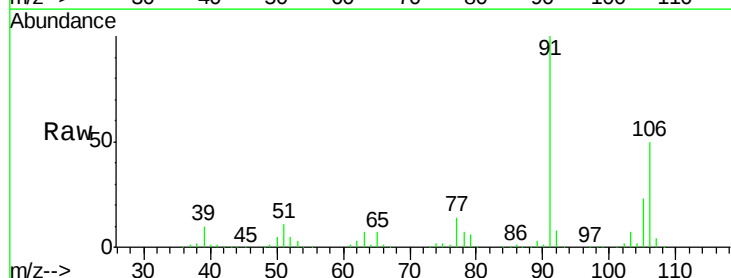
Acq: 02 Mar 2018 20:41

Tgt Ion: 106 Resp: 124509

Ion Ratio Lower Upper

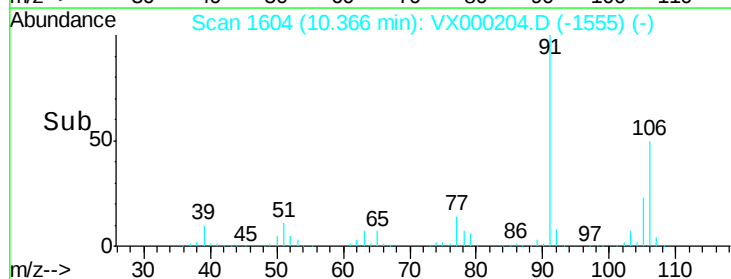
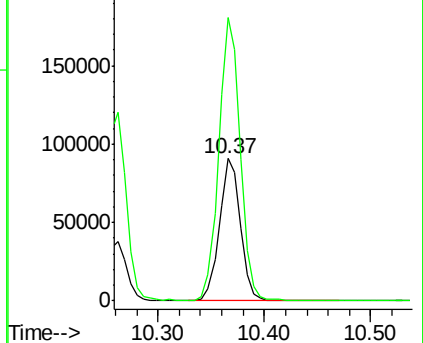
106 100

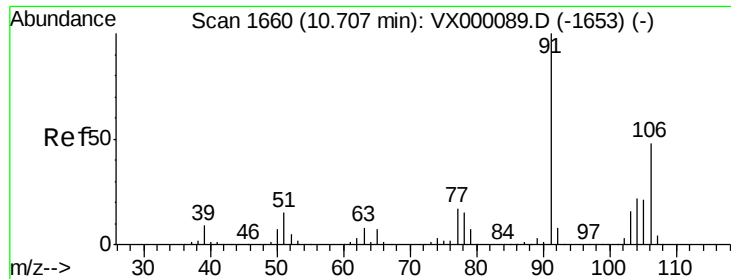
91 201.4 159.1 238.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





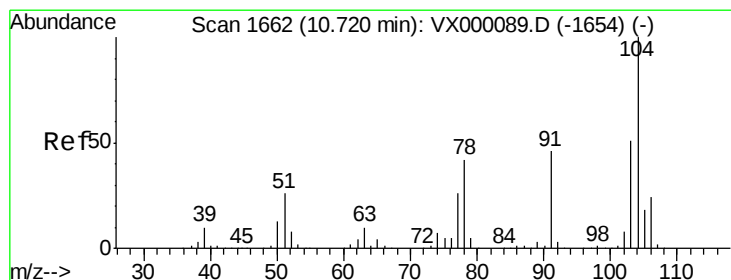
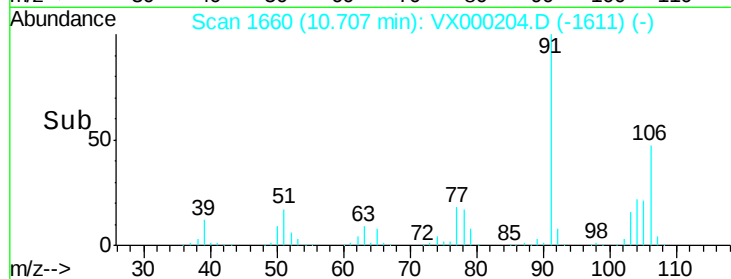
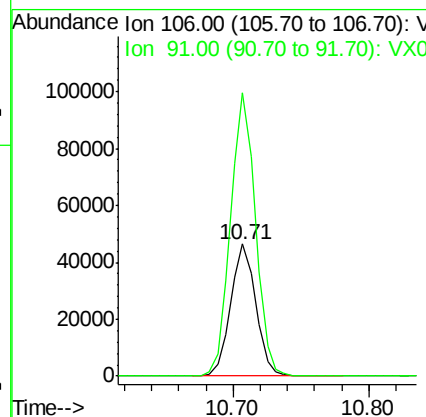
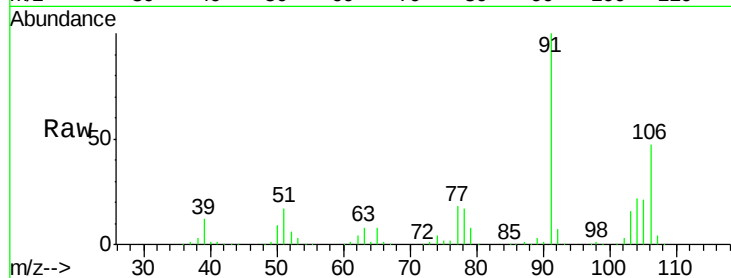
#69
o-Xylene
Concen: 20.48 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion:106 Resp: 59479
Ion Ratio Lower Upper
106 100
91 213.3 103.8 311.6

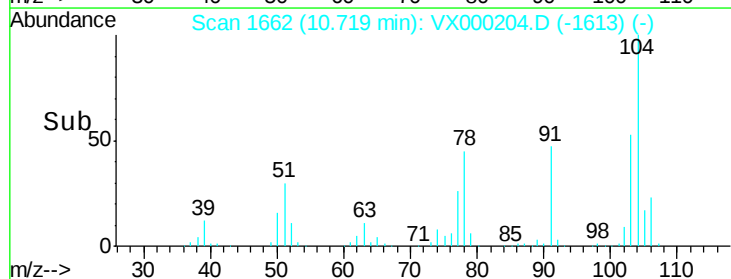
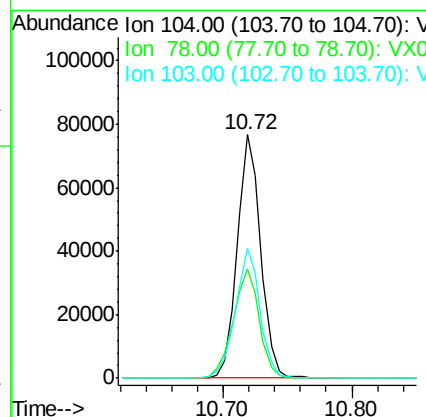
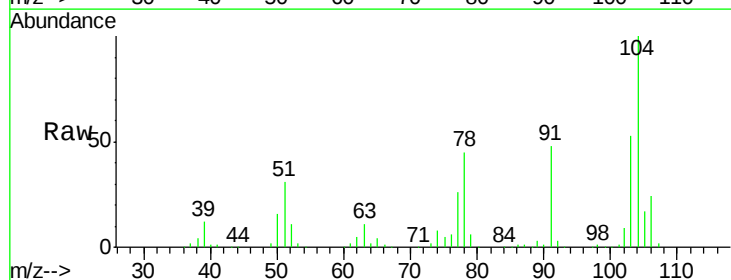
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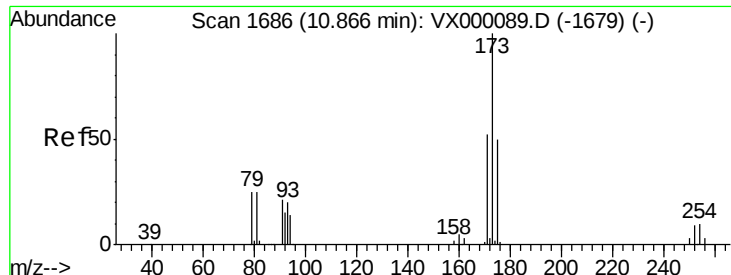
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#70
Styrene
Concen: 20.53 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion:104 Resp: 97509
Ion Ratio Lower Upper
104 100
78 50.3 38.2 57.4
103 56.4 44.2 66.4





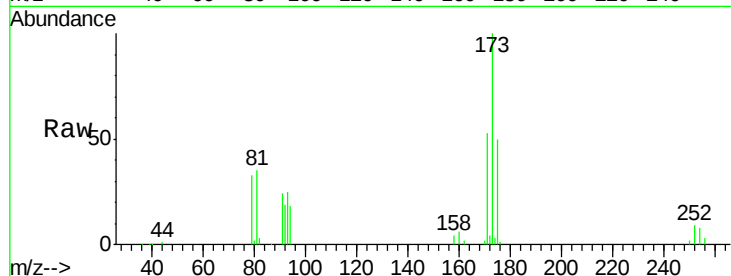
#71
Bromoform
Concen: 16.55 ug/l
RT: 10.87 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

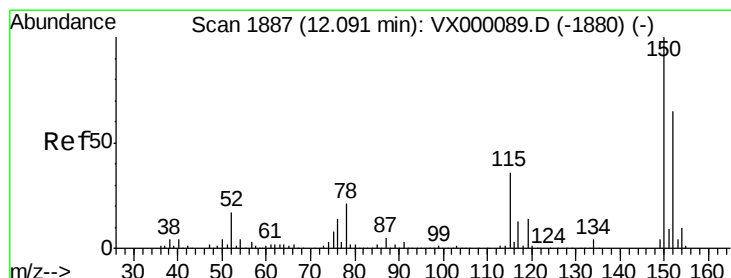
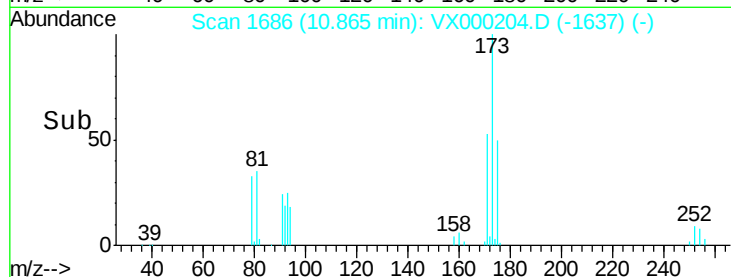
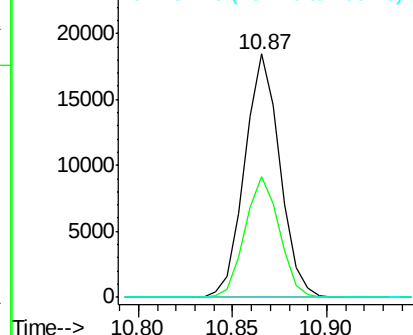
Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	73.0
254	0.0	0.0	0.0

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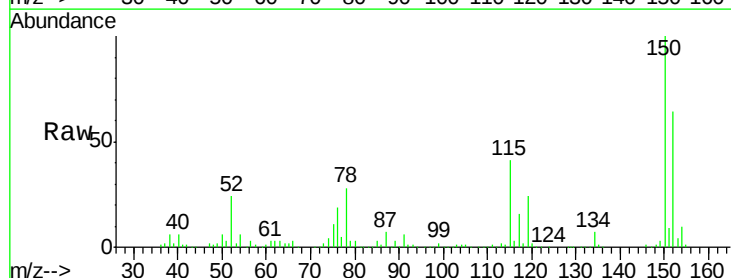


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

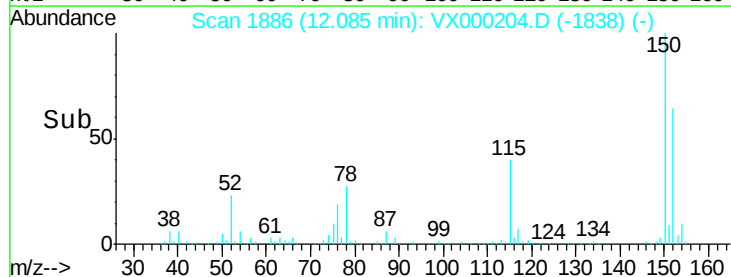
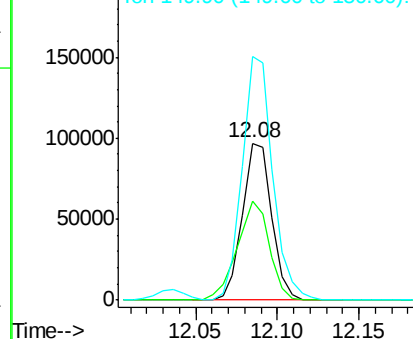


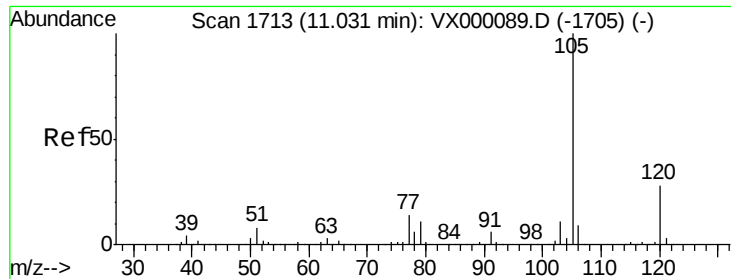
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.3	39.1	117.2
150	162.2	0.0	348.2



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





#73

Isopropylbenzene

Concen: 21.08 ug/l

RT: 11.03 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tgt Ion: 105 Resp: 161963

Ion Ratio Lower Upper

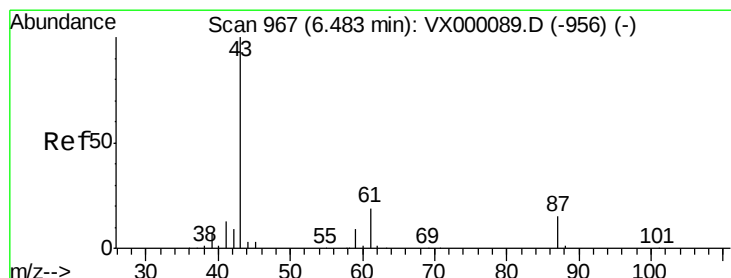
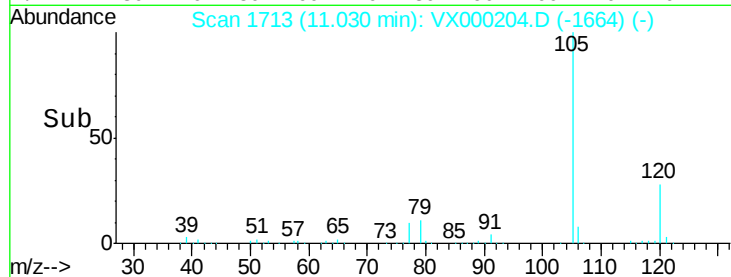
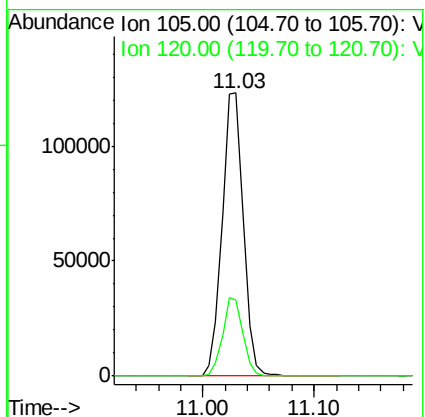
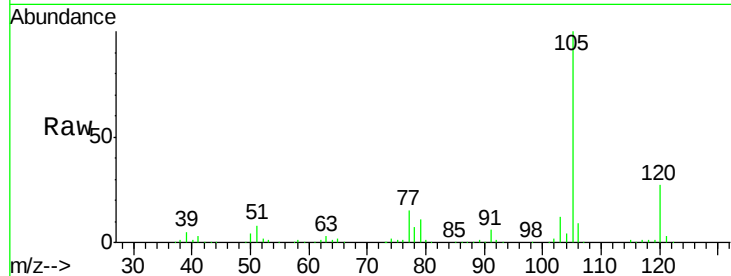
105 100

120 26.5 14.0 42.0

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#74

N-ethyl acetate

Concen: 21.06 ug/l

RT: 6.48 min Scan# 966

Delta R.T. -0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Tgt Ion: 43 Resp: 81723

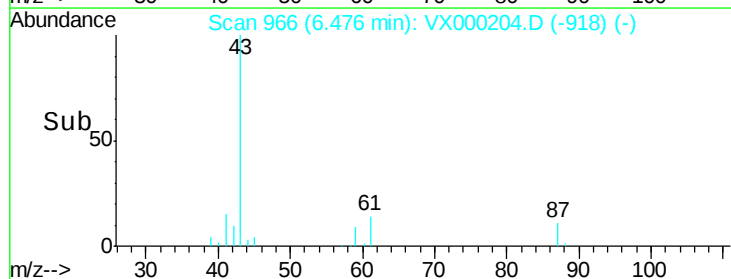
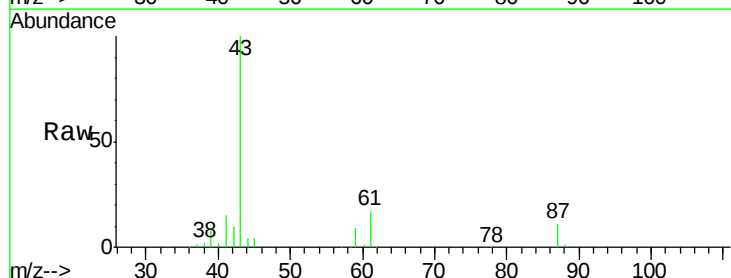
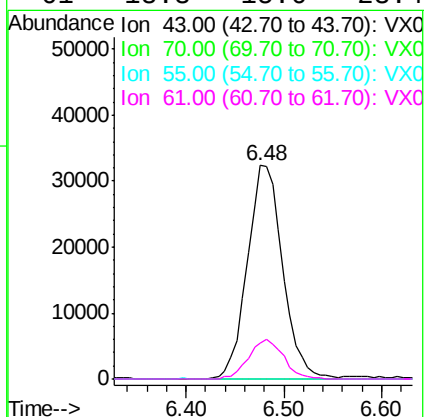
Ion Ratio Lower Upper

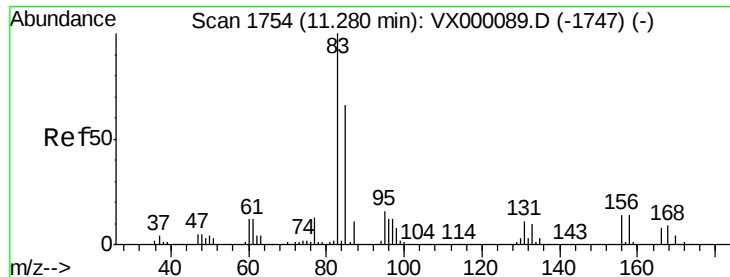
43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 18.3 15.6 23.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.70 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

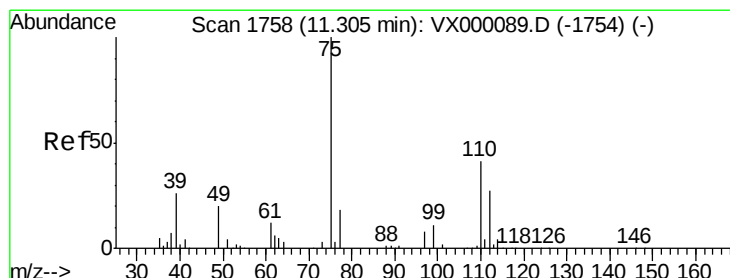
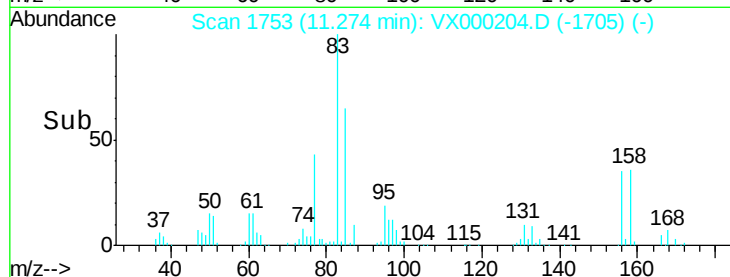
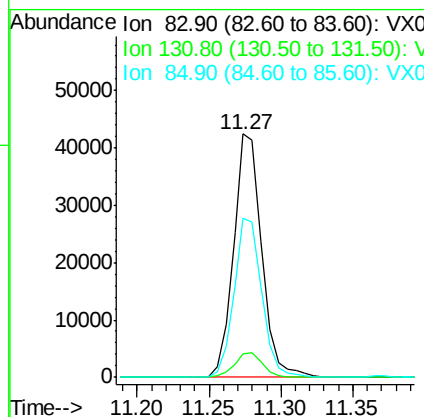
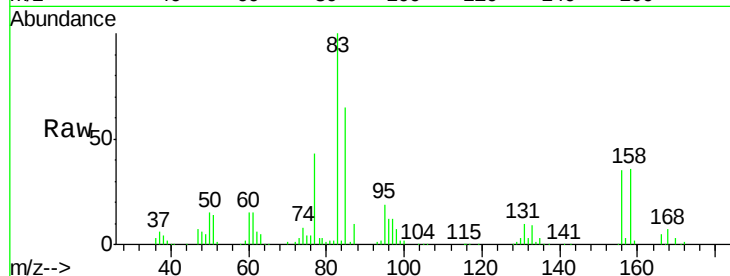
ClientSampled :

VX0302WBSD01

Tgt Ion:	83	Resp:	58044
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.6	16.8
85	64.6	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.67 ug/l m

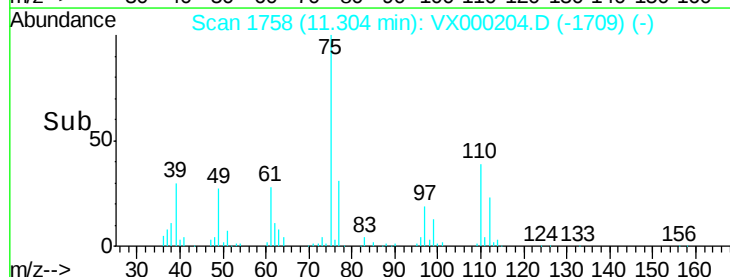
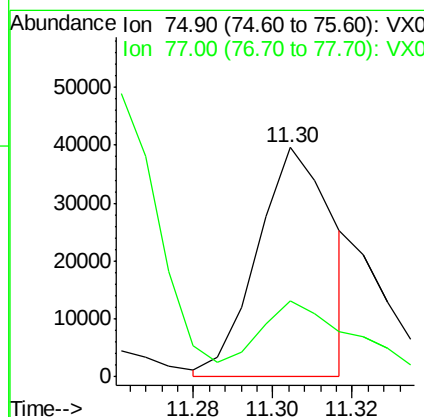
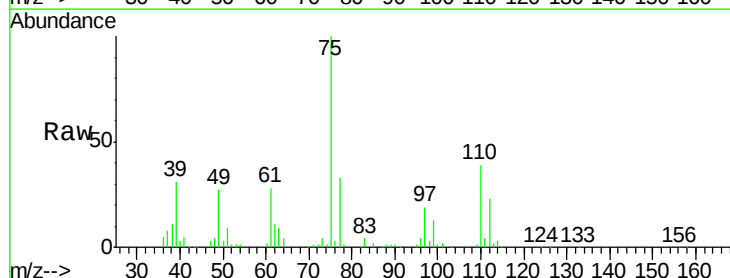
RT: 11.30 min Scan# 1758

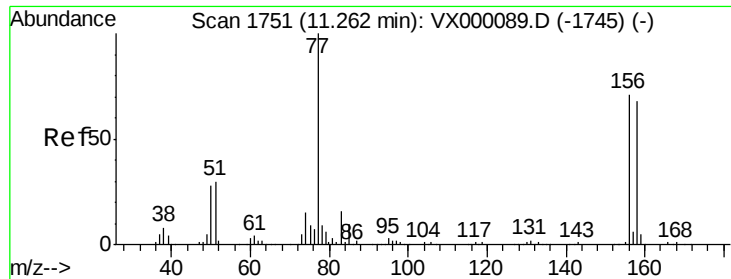
Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Tgt Ion:	75	Resp:	51904
Ion Ratio	Lower	Upper	
75	100		
77	42.7	22.8	68.3





#77

Bromobenzene

Concen: 19.43 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

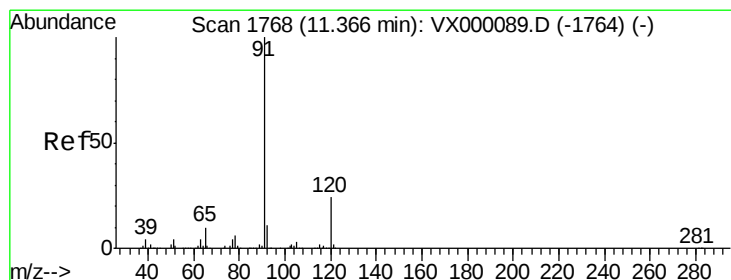
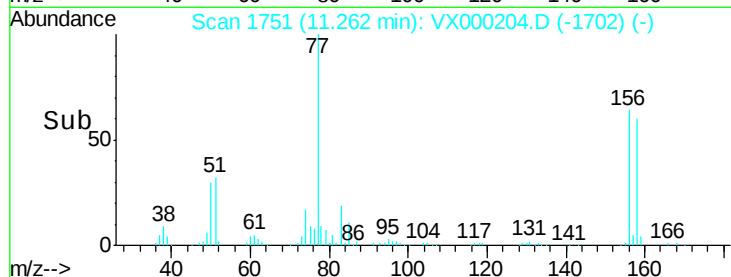
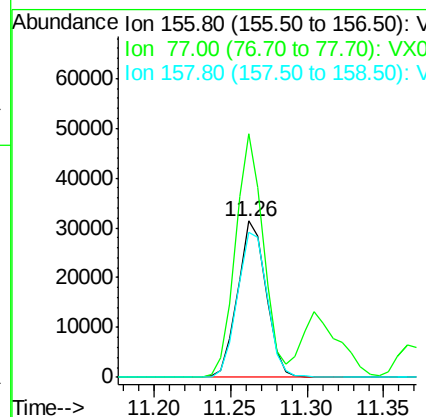
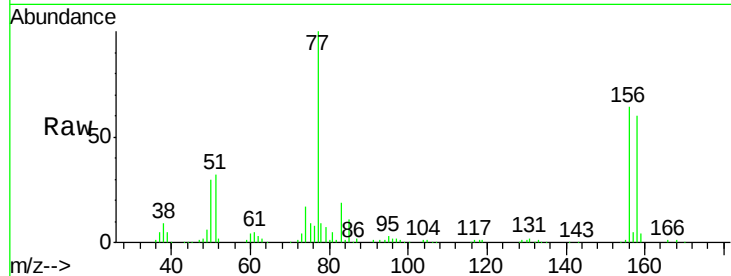
ClientSampleId :

VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	152.6	67.0	201.0
158	97.5	48.3	144.9

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#78

n-propylbenzene

Concen: 21.32 ug/l

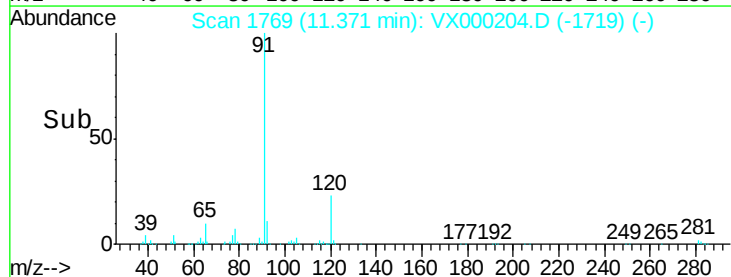
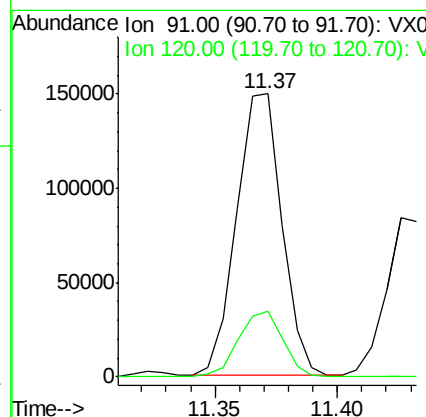
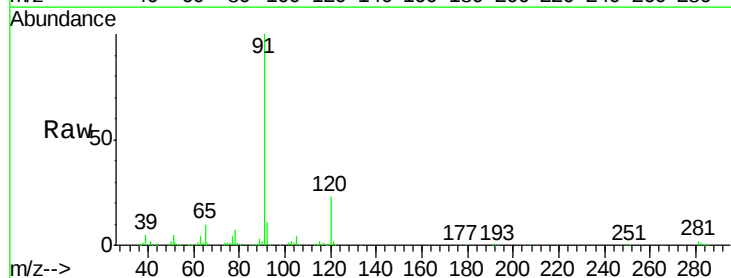
RT: 11.37 min Scan# 1769

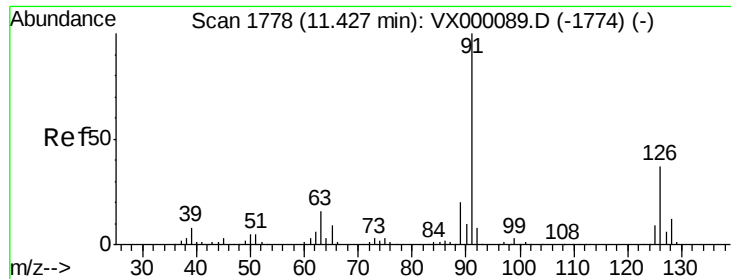
Delta R.T. 0.01 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	12.3	36.9





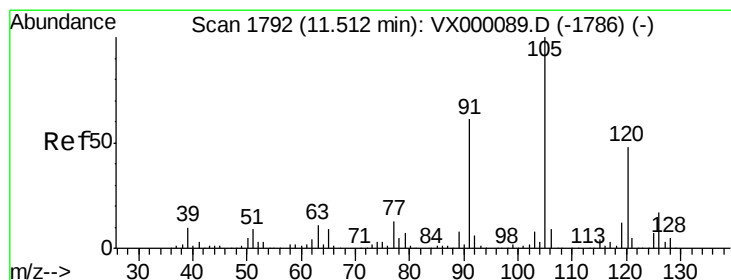
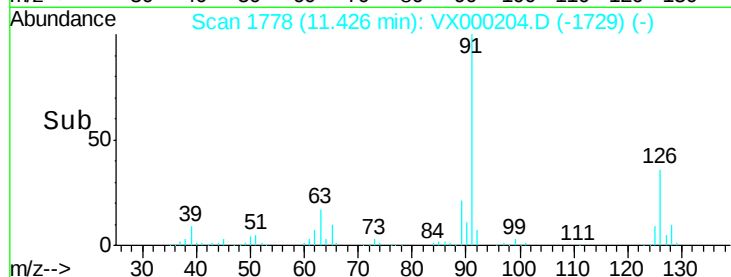
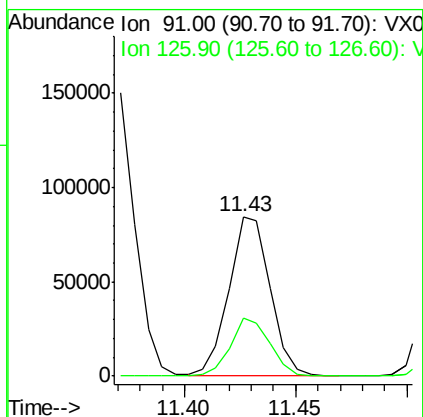
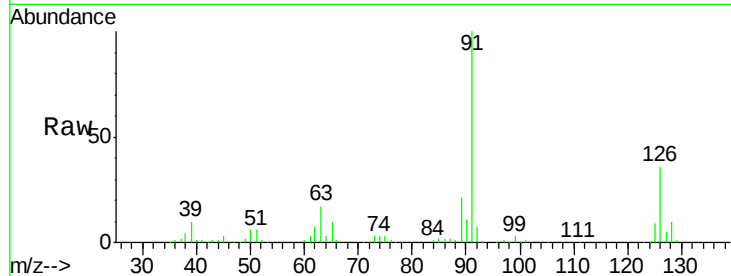
#79
2-Chlorotoluene
Concen: 20.97 ug/l
RT: 11.43 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampled :
VX0302WBSD01

Tgt Ion: 91 Resp: 108644
Ion Ratio Lower Upper
91 100
126 35.1 18.4 55.2

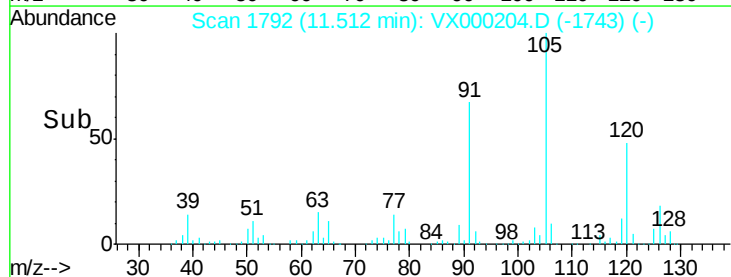
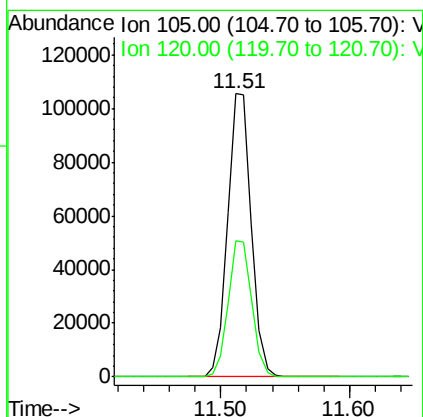
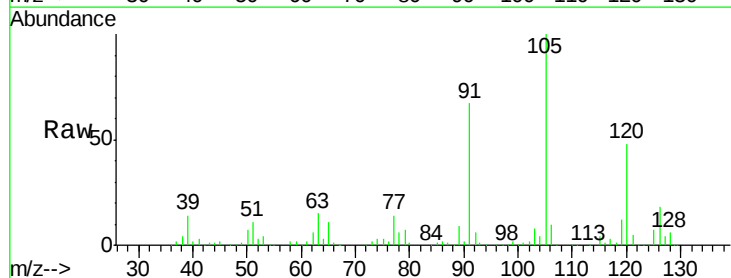
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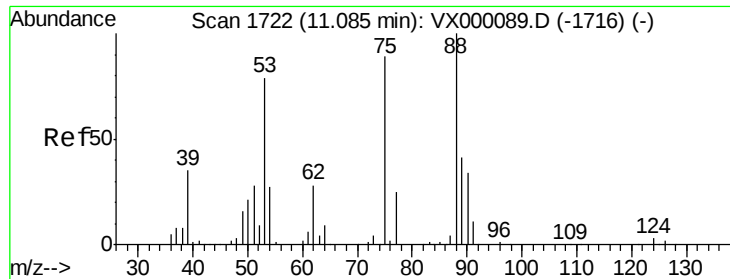
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#80
1,3,5-Trimethylbenzene
Concen: 20.99 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion: 105 Resp: 136324
Ion Ratio Lower Upper
105 100
120 48.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.76 ug/l

RT: 11.08 min Scan# 1722

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

ClientSampleId :

VX0302WBSD01

Tgt Ion: 75 Resp: 14772

Ion Ratio Lower Upper

75 100

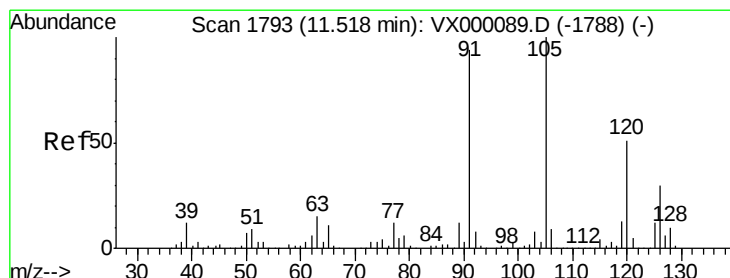
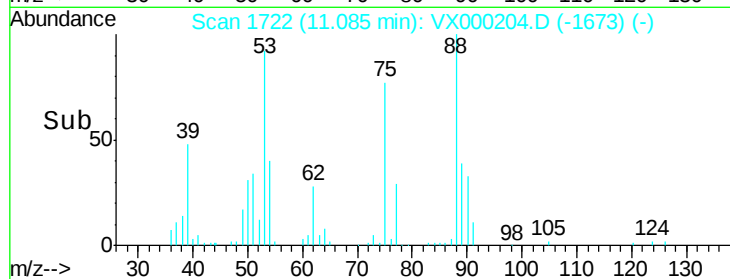
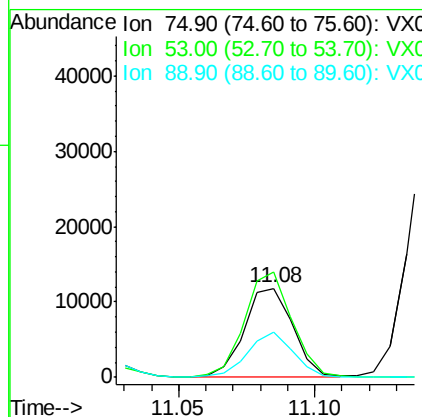
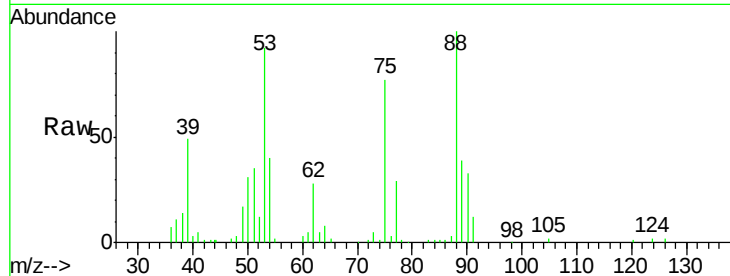
53 114.7 72.3 108.5#

89 46.9 40.6 60.8

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#82

4-Chlorotoluene

Concen: 21.13 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VX000204.D

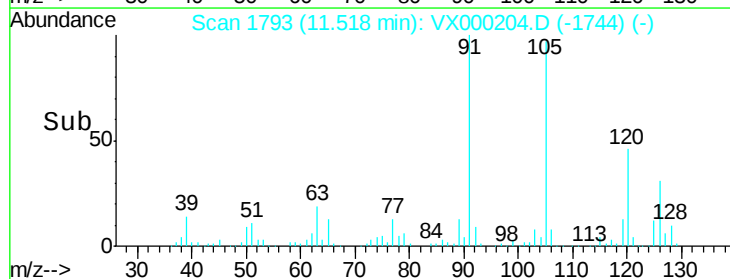
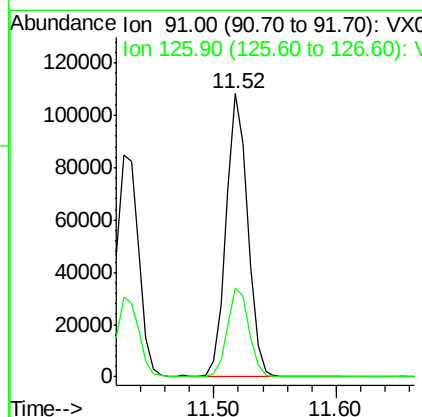
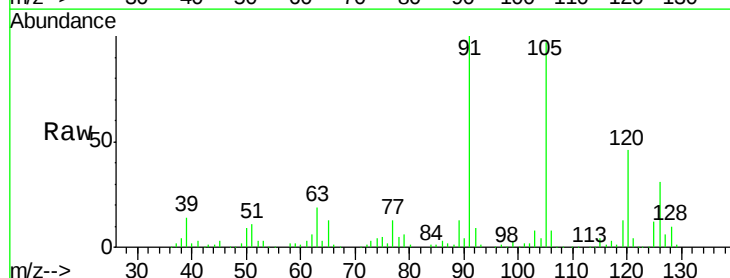
Acq: 02 Mar 2018 20:41

Tgt Ion: 91 Resp: 132469

Ion Ratio Lower Upper

91 100

126 31.1 16.7 50.0





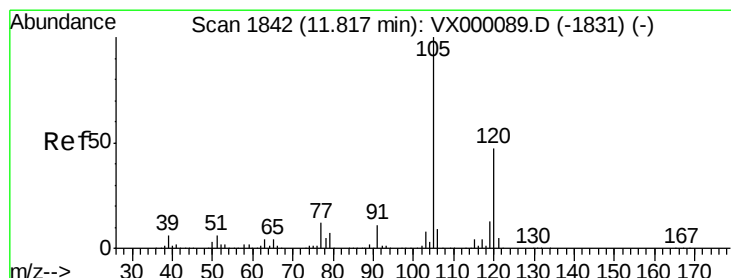
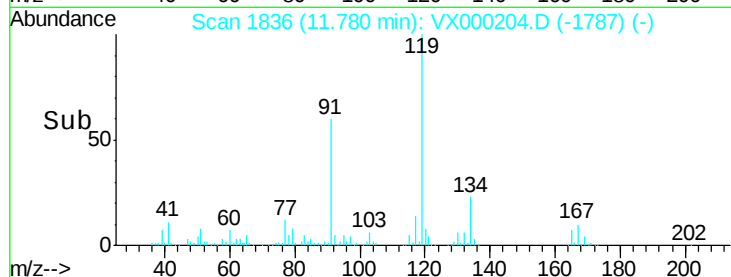
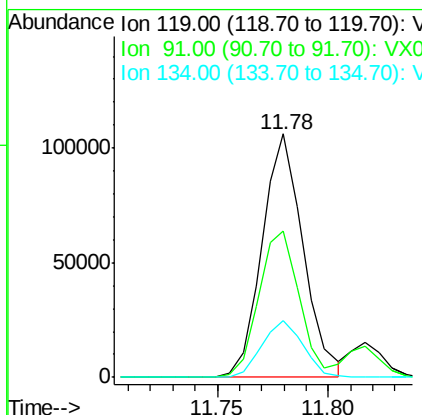
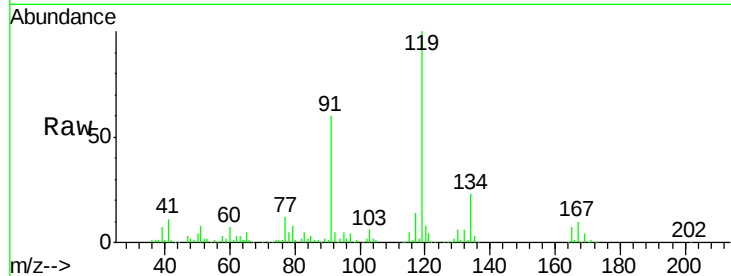
#83
 tert-Butylbenzene
 Concen: 20.77 ug/l
 RT: 11.78 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	136195		
91	59.1	28.4	85.2	
134	23.3	11.8	35.4	

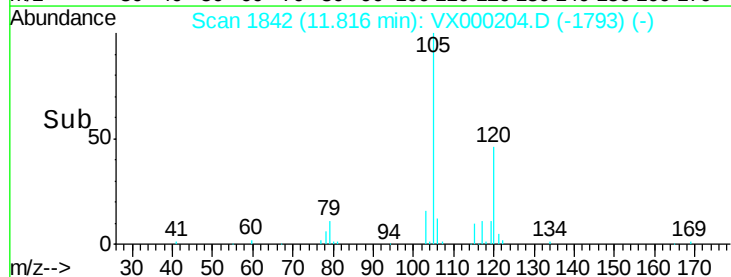
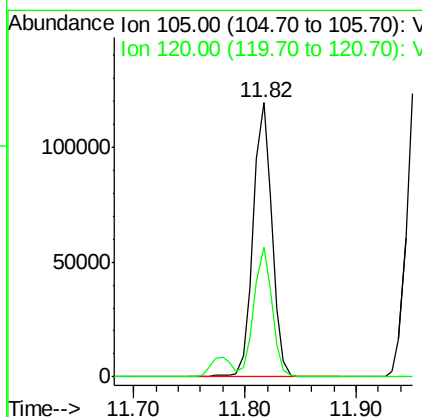
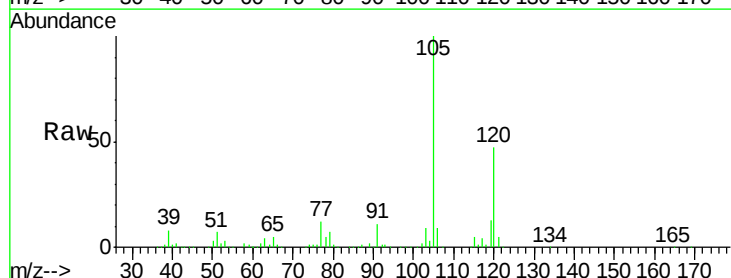
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.83 ug/l
 RT: 11.82 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	140427		
120	45.8	23.1	69.2	





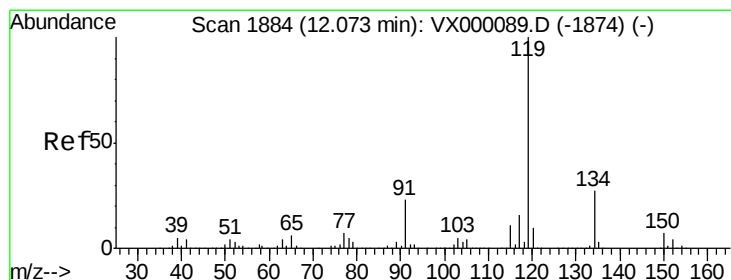
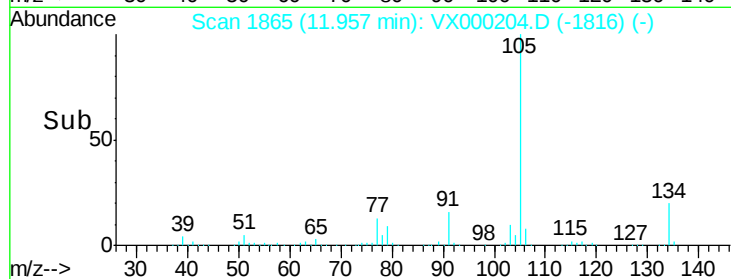
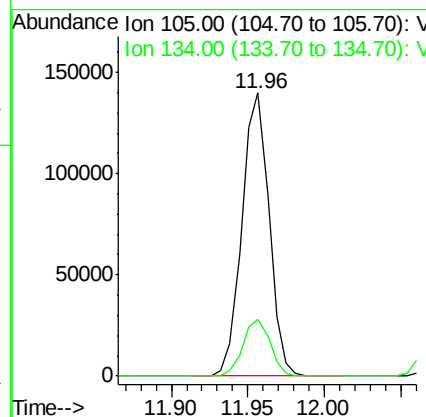
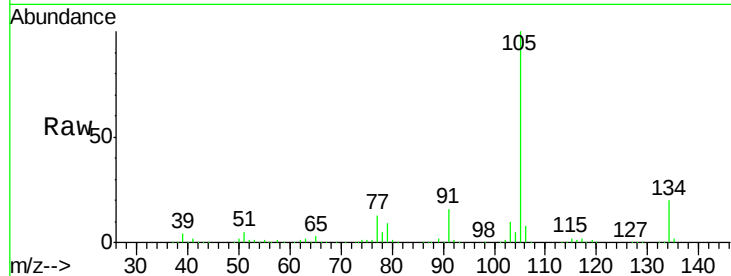
#85
 sec-Butylbenzene
 Concen: 21.09 ug/l
 RT: 11.96 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion:105 Resp: 171783
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.5 31.6

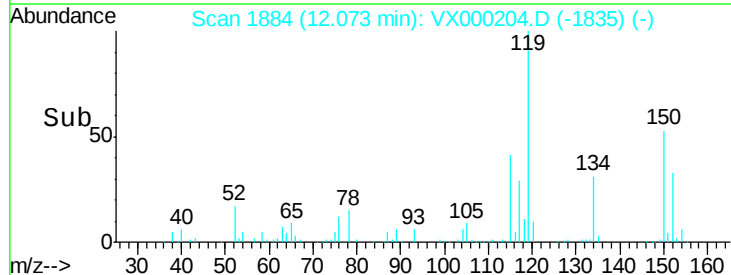
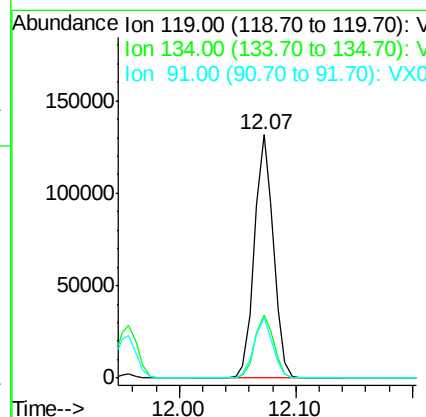
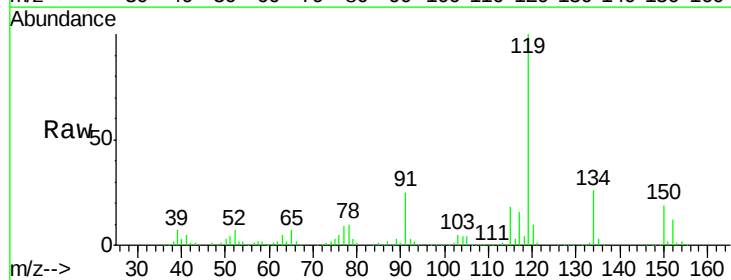
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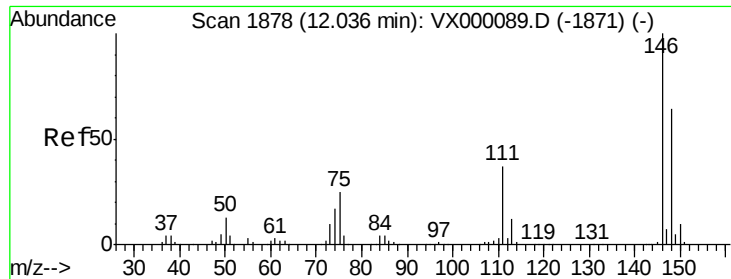
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#86
 p-Isopropyltoluene
 Concen: 20.61 ug/l
 RT: 12.07 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion:119 Resp: 149969
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.7 41.0
 91 24.8 11.7 35.0





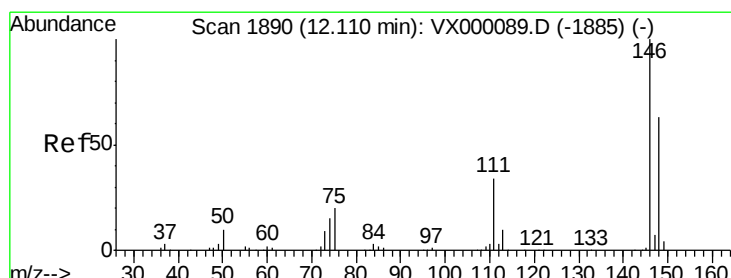
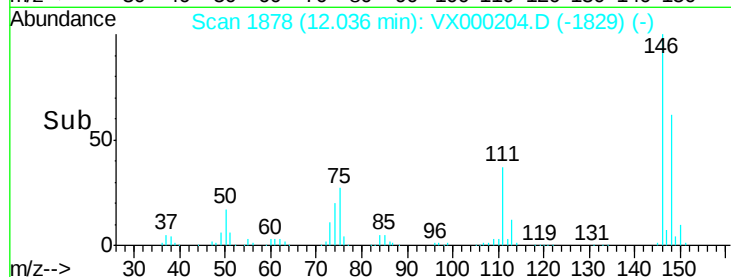
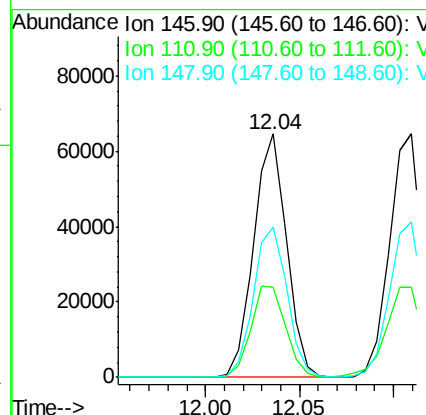
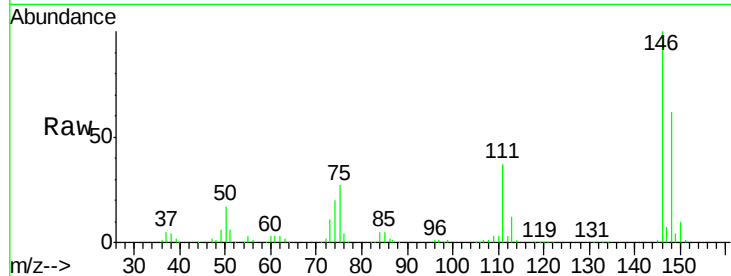
#87
 1,3-Dichlorobenzene
 Concen: 19.59 ug/l
 RT: 12.04 min Scan# 1878
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.1	57.3
148	63.2	32.2	96.6

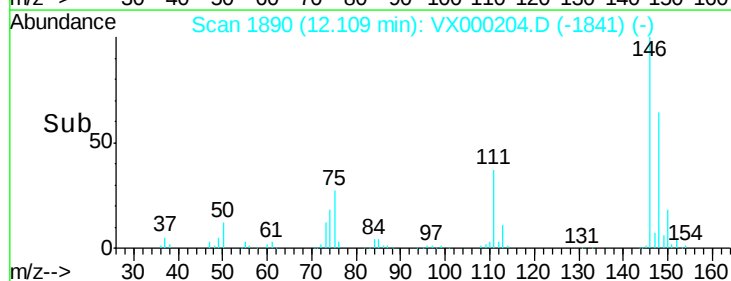
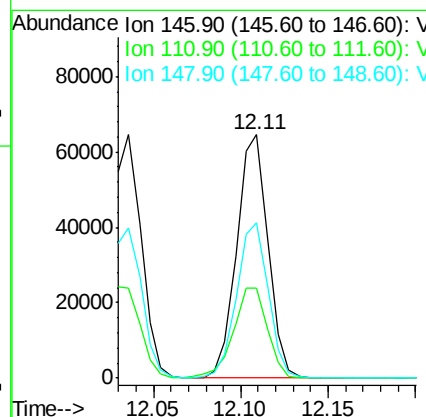
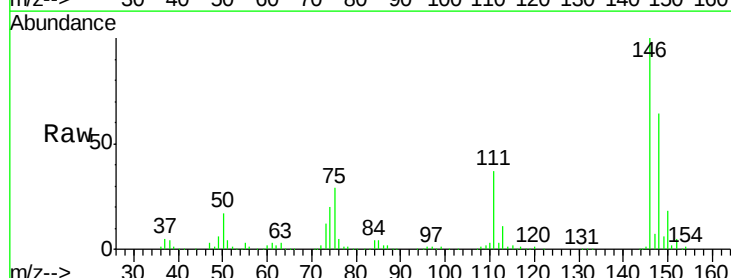
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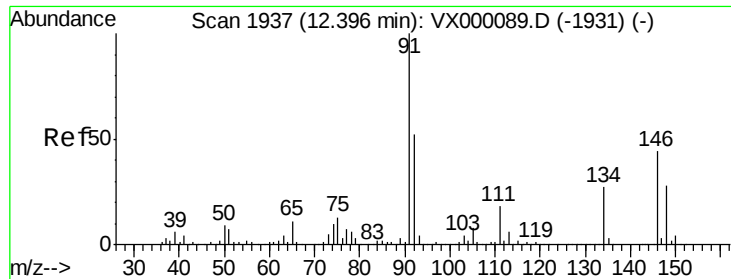
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#88
 1,4-Dichlorobenzene
 Concen: 19.38 ug/l
 RT: 12.11 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	18.4	55.0
148	64.8	31.9	95.9





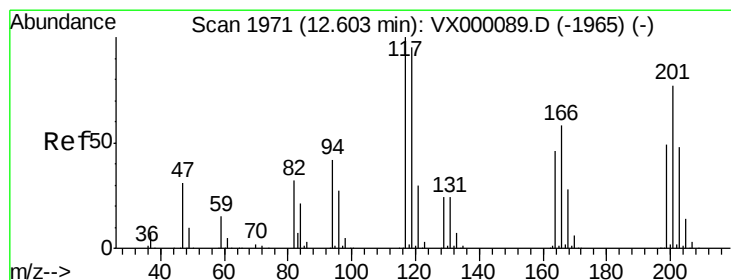
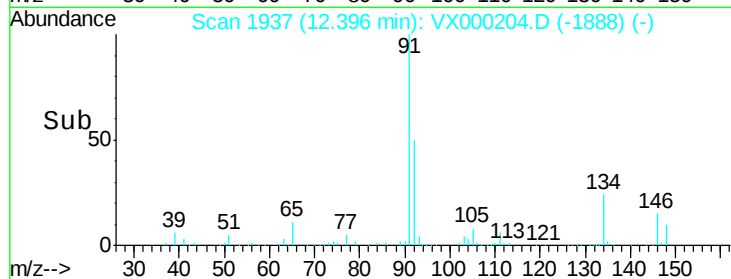
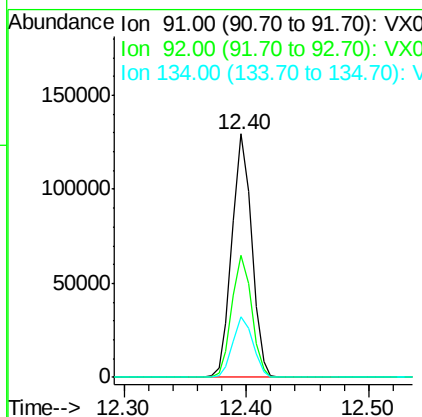
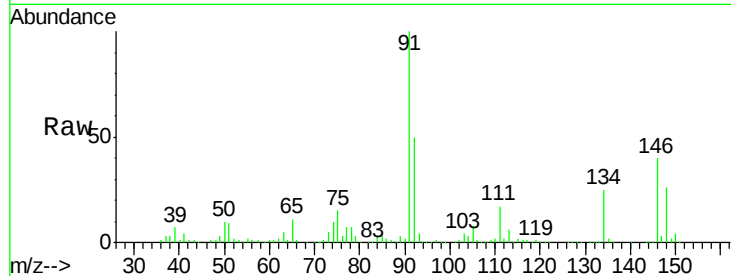
#89
n-Butylbenzene
Concen: 21.00 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampled :
VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.3	26.2	78.6
134	25.4	14.3	42.9

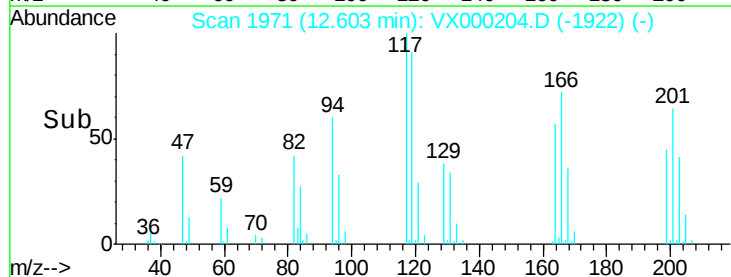
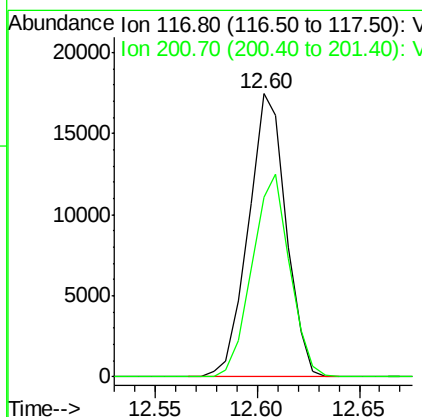
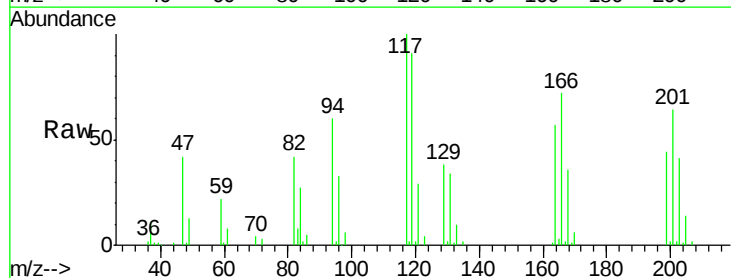
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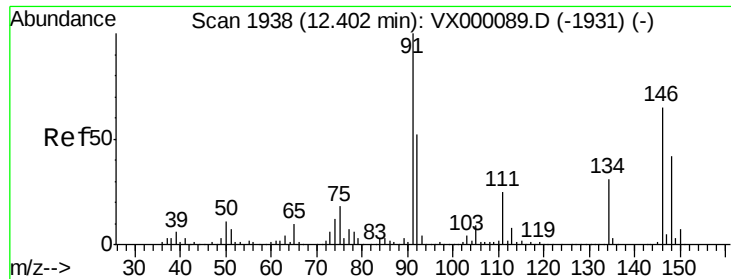
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#90
Hexachloroethane
Concen: 18.99 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.5	41.1	123.4





#91

1,2-Dichlorobenzene

Concen: 19.73 ug/l

RT: 12.40 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Instrument :

MSVOA_X

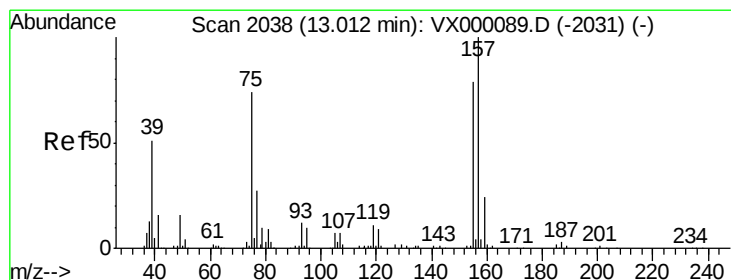
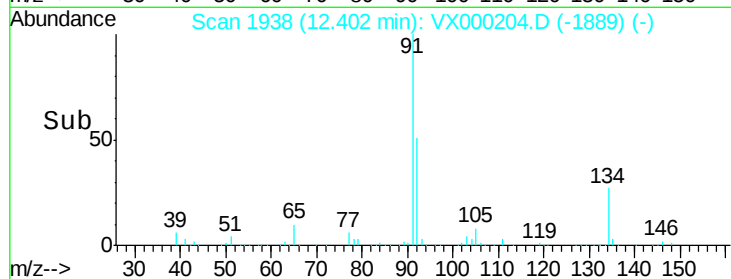
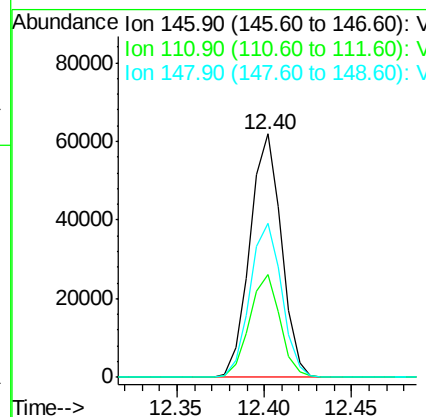
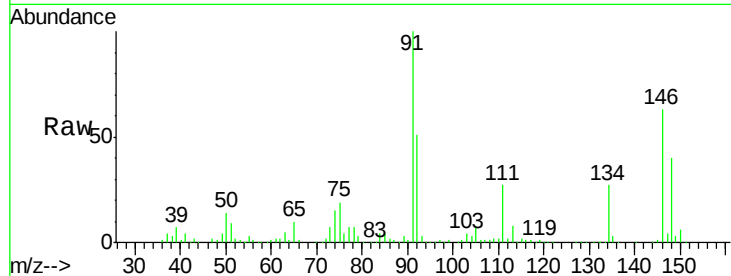
ClientSampleId :

VX0302WBSD01

Tgt Ion:	146	Resp:	77537
Ion Ratio	Lower	Upper	
146	100		
111	41.2	19.6	58.8
148	64.0	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 20.12 ug/l

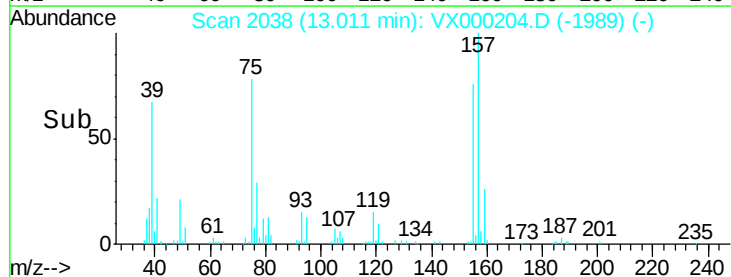
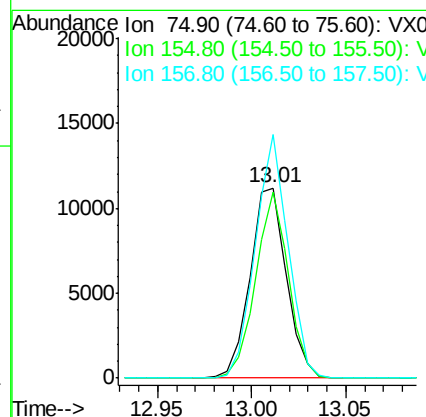
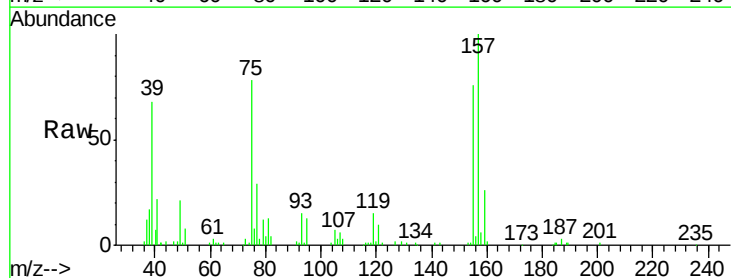
RT: 13.01 min Scan# 2038

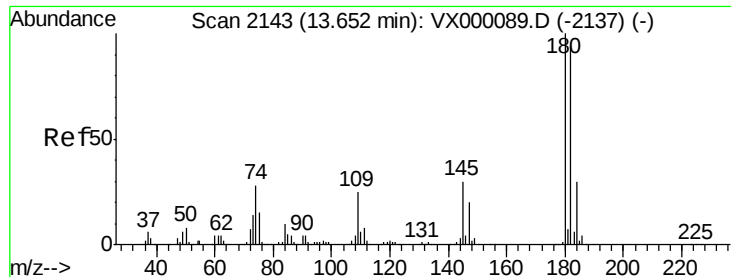
Delta R.T. -0.00 min

Lab File: VX000204.D

Acq: 02 Mar 2018 20:41

Tgt Ion:	75	Resp:	14938
Ion Ratio	Lower	Upper	
75	100		
155	88.2	49.3	147.9
157	115.5	63.7	191.1





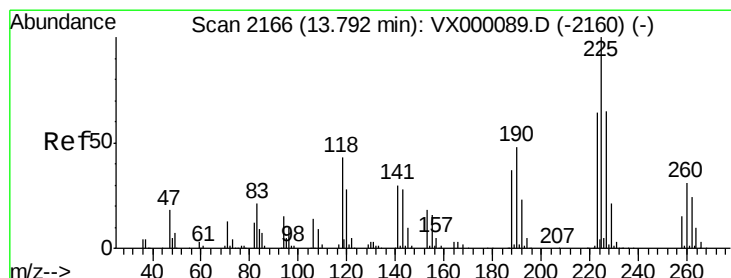
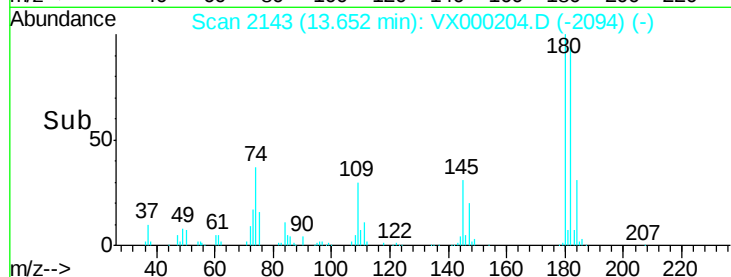
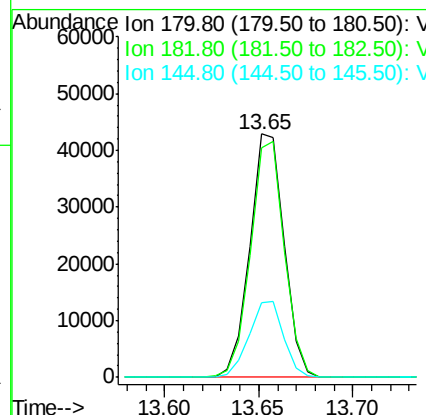
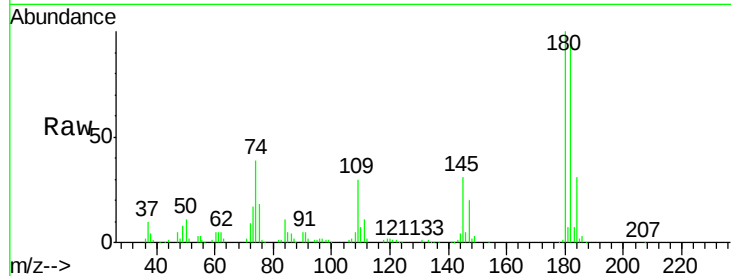
#93
 1,2,4-Trichlorobenzene
 Concen: 18.30 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0302WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	53958		
182	95.7	47.8	143.4	
145	31.4	14.7	44.1	

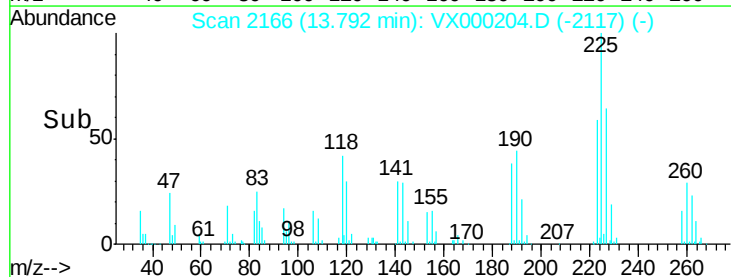
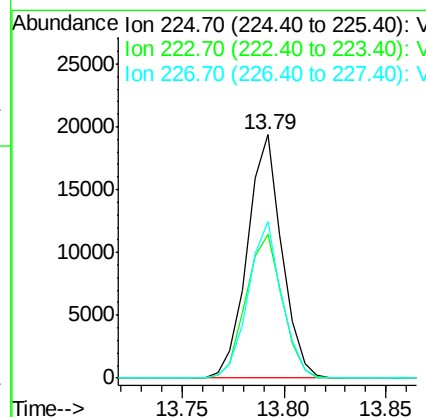
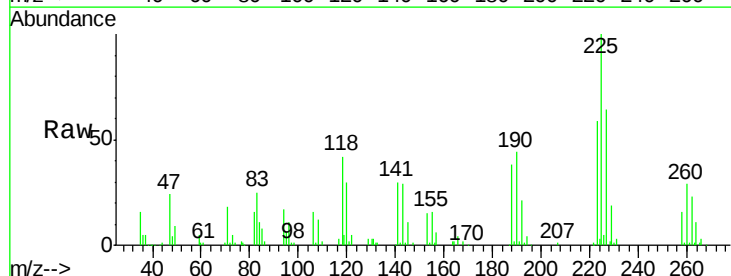
Manual Integrations
 APPROVED

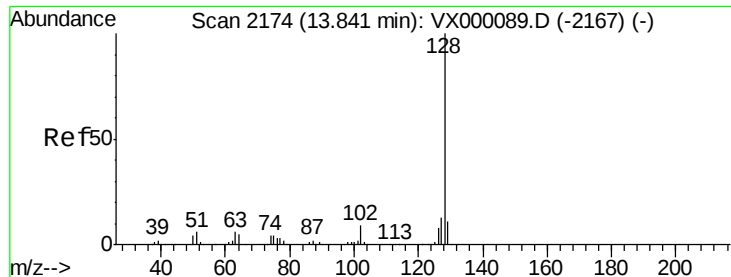
apatel
 3/3/2018 1:20:28 PM



#94
 Hexachlorobutadiene
 Concen: 17.66 ug/l
 RT: 13.79 min Scan# 2166
 Delta R.T. -0.00 min
 Lab File: VX000204.D
 Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22726		
223	62.1	31.9	95.7	
227	62.6	32.8	98.4	





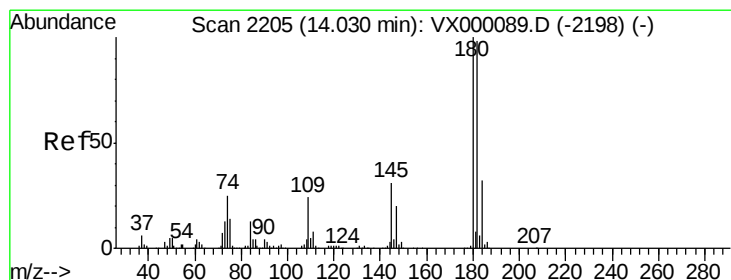
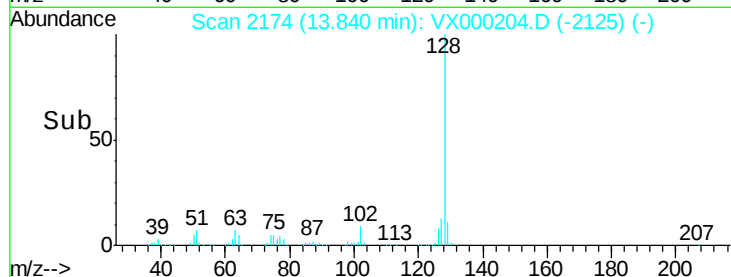
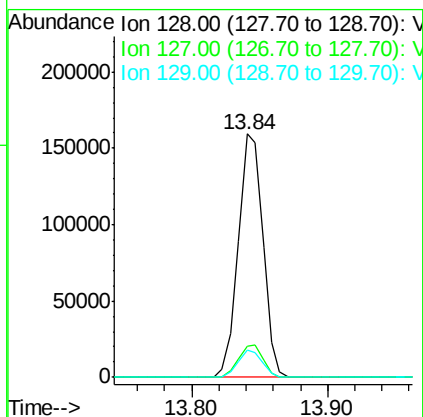
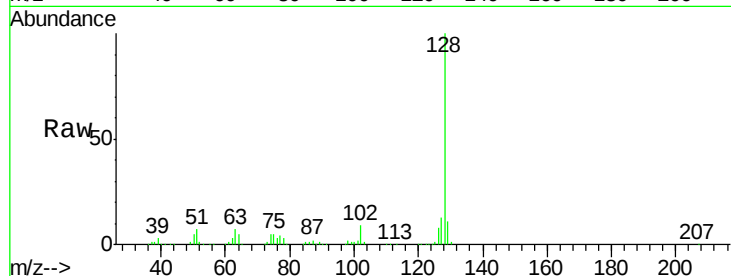
#95
Naphthalene
Concen: 20.09 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Instrument :
MSVOA_X
ClientSampleId :
VX0302WBSD01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

apatel
3/3/2018 1:20:28 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.61 ug/l
RT: 14.03 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VX000204.D
Acq: 02 Mar 2018 20:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.2	144.6
145	32.3	15.3	45.9

