

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062918\
 Data File : VN049626.D
 Acq On : 29 Jun 2018 11:19
 Operator : MD\SY
 Sample : VSTDIC005
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

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 7/2/2018 2:19:26 PM

Quant Time: Jun 30 00:28:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:18:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1292347	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2043806	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1765167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	843995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	93452	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
35) Dibromofluoromethane	7.59	113	83029	5.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.86%	
50) Toluene-d8	10.09	98	289720	4.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.68%	
62) 4-Bromofluorobenzene	12.40	95	89426	4.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.76%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	71781	4.93	ug/l	100
3) Chloromethane	2.06	50	94572	5.20	ug/l	99
4) Vinyl Chloride	2.18	62	102604	5.25	ug/l	100
5) Bromomethane	2.56	94	50245	4.90	ug/l	93
6) Chloroethane	2.70	64	68174	5.51	ug/l	99
7) Trichlorofluoromethane	3.01	101	132131	5.92	ug/l	97
8) Diethyl Ether	3.41	74	48003	5.31	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.75	101	91272	5.68	ug/l	98
10) Methyl Iodide	3.95	142	97216	4.84	ug/l	97
11) Tert butyl alcohol	4.80	59	25471	26.01	ug/l #	88
12) 1,1-Dichloroethene	3.73	96	83282	5.49	ug/l	94
13) Acrolein	3.61	56	37155	40.62	ug/l	98
14) Allyl chloride	4.32	41	124662	5.98	ug/l	98
15) Acrylonitrile	5.00	53	127483	25.20	ug/l	100
16) Acetone	3.82	43	115879	27.41	ug/l	98
17) Carbon Disulfide	4.05	76	233185	5.07	ug/l	98
18) Methyl Acetate	4.33	43	198118	7.70	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	194403	4.97	ug/l	98
20) Methylene Chloride	4.55	84	98179	5.59	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	82312	5.27	ug/l	97
22) Diisopropyl ether	5.96	45	238187	5.05	ug/l	97
23) Vinyl Acetate	5.90	43	718231	23.48	ug/l	100
24) 1,1-Dichloroethane	5.85	63	164158	5.52	ug/l	99
25) 2-Butanone	6.84	43	139817	24.68	ug/l	98
26) 2,2-Dichloropropane	6.82	77	135165	5.48	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	89262	5.12	ug/l	95
28) Bromochloromethane	7.20	49	67199	5.33	ug/l	98
29) Tetrahydrofuran	7.22	42	84238	23.33	ug/l	99
30) Chloroform	7.37	83	168013	5.55	ug/l	97
31) Cyclohexane	7.65	56	148253	5.07	ug/l #	85
32) 1,1,1-Trichloroethane	7.57	97	140368	5.47	ug/l	99
36) 1,1-Dichloropropene	7.79	75	115545	5.03	ug/l	99
37) Ethyl Acetate	6.93	43	65747	4.90	ug/l #	78
38) Carbon Tetrachloride	7.77	117	114792	5.13	ug/l	98

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 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDIC005

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	120943	4.80	ug/l	97
40) Benzene	8.04	78	365584	5.21	ug/l	99
41) Methacrylonitrile	7.18	41	37154	5.19	ug/l	95
42) 1,2-Dichloroethane	8.13	62	117103	5.23	ug/l	99
43) Isopropyl Acetate	8.17	43	165394	5.22	ug/l #	88
44) Trichloroethene	8.84	130	112397	5.31	ug/l	99
45) 1,2-Dichloropropane	9.12	63	96975	5.35	ug/l	99
46) Dibromomethane	9.21	93	58766	5.35	ug/l	97
47) Bromodichloromethane	9.40	83	120966	5.18	ug/l	98
48) Methyl methacrylate	9.20	41	54278	4.55	ug/l	99
49) 1,4-Dioxane	9.20	88	14848	92.67	ug/l #	84
51) 4-Methyl-2-Pentanone	9.99	43	308407	23.45	ug/l	96
52) Toluene	10.16	92	209150	4.93	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	103793	4.64	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	123040	4.71	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	82024	5.19	ug/l	99
56) Ethyl methacrylate	10.43	69	77203	4.17	ug/l	95
57) 1,3-Dichloropropane	10.71	76	131016	5.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	177370	20.58	ug/l	98
59) 2-Hexanone	10.75	43	190163	21.87	ug/l	95
60) Dibromochloromethane	10.90	129	83217	4.88	ug/l	98
61) 1,2-Dibromoethane	11.01	107	74261	4.91	ug/l	97
64) Tetrachloroethene	10.63	164	133328	5.58	ug/l	99
65) Chlorobenzene	11.44	112	238920	5.19	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	87040	5.26	ug/l	99
67) Ethyl Benzene	11.51	91	370761	4.87	ug/l	99
68) m/p-Xylenes	11.62	106	282756	9.69	ug/l	98
69) o-Xylene	11.95	106	136047	4.87	ug/l	99
70) Styrene	11.96	104	208531	4.61	ug/l	99
71) Bromoform	12.13	173	52093	4.74	ug/l #	98
73) Isopropylbenzene	12.25	105	354507	5.27	ug/l	100
74) N-amyl acetate	12.07	43	83371	4.54	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.51	83	87459	5.51	ug/l	99
76) 1,2,3-Trichloropropane	12.56	75	72732m	4.96	ug/l	
77) Bromobenzene	12.53	156	95068	5.20	ug/l	99
78) n-propylbenzene	12.59	91	391894	5.09	ug/l	100
79) 2-Chlorotoluene	12.68	91	253494	5.20	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	284232	5.09	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	18630	4.67	ug/l	87
82) 4-Chlorotoluene	12.77	91	252274	5.15	ug/l	100
83) tert-Butylbenzene	12.99	119	252285	5.26	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	288708	5.03	ug/l	99
85) sec-Butylbenzene	13.17	105	330127	5.19	ug/l	99
86) p-Isopropyltoluene	13.29	119	271639	4.93	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	167313	4.96	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	166262	4.93	ug/l	97
89) n-Butylbenzene	13.62	91	214851	4.56	ug/l	97
90) Hexachloroethane	13.88	117	26561	4.59	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	168370	5.13	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12507	4.51	ug/l	95

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

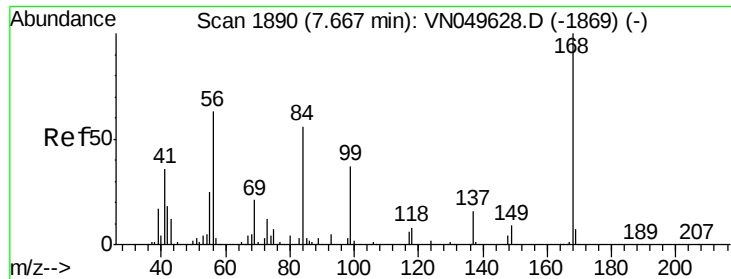
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:18:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	47898	3.17	ug/l	100
94) Hexachlorobutadiene	15.01	225	56123	5.36	ug/l	98
95) Naphthalene	15.14	128	83725	2.58	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	54305	3.49	ug/l	97

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



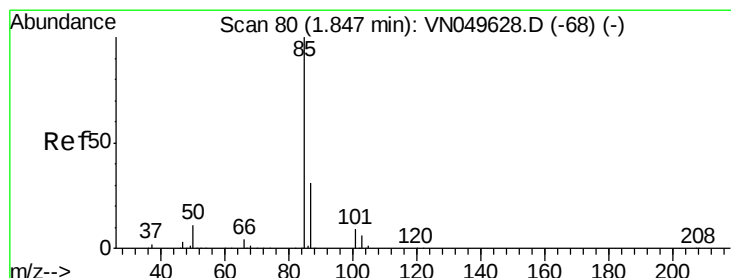
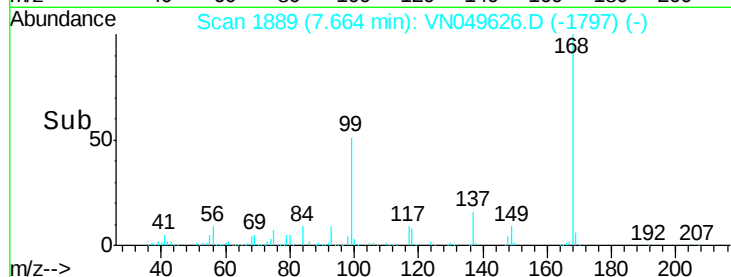
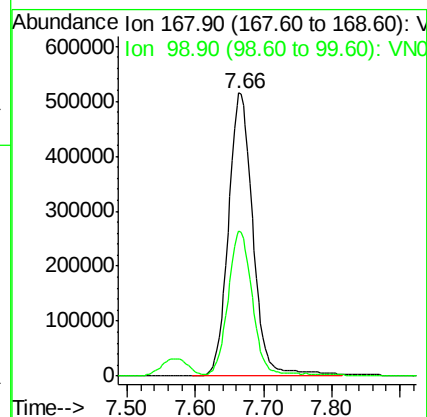
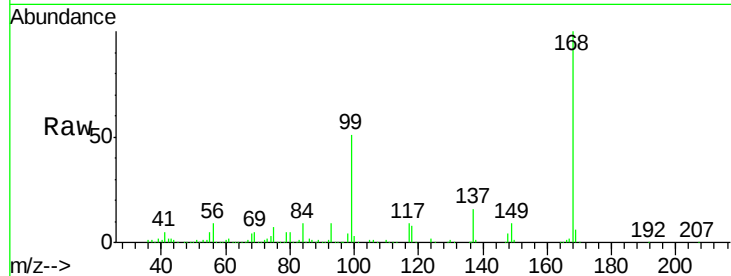
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.66 min Scan# 1889
Delta R.T. -0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion:168 Resp: 1292347
Ion Ratio Lower Upper
168 100
99 51.0 40.6 61.0

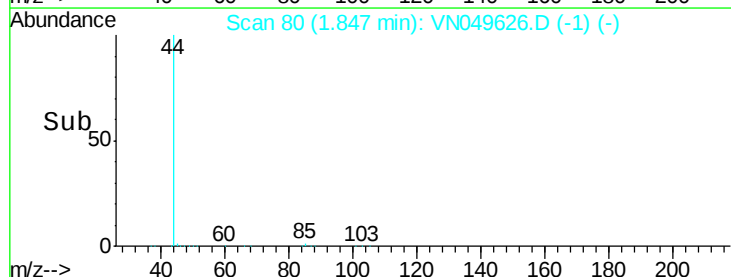
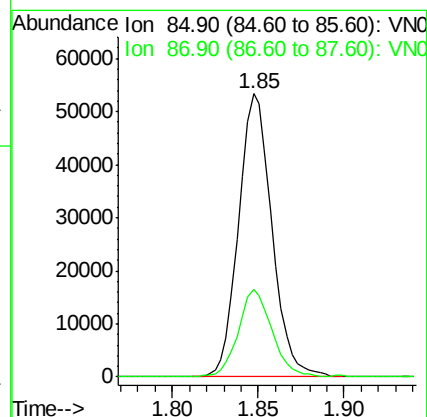
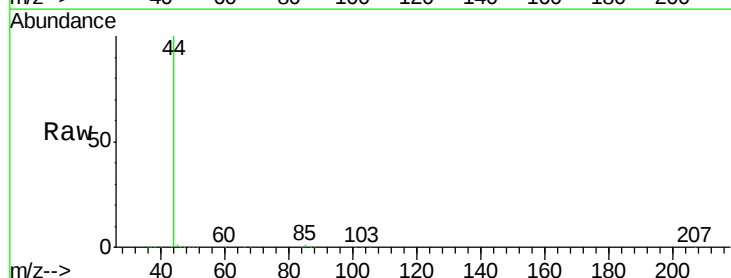
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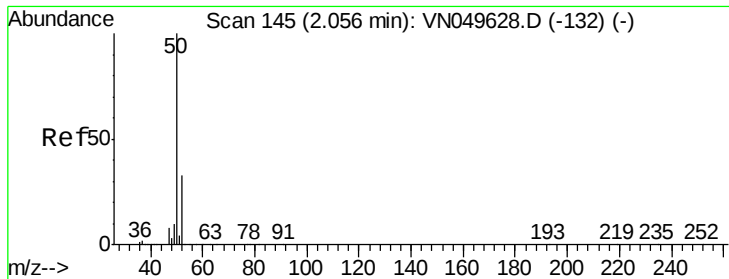
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#2
Dichlorodifluoromethane
Concen: 4.93 ug/l
RT: 1.85 min Scan# 80
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 85 Resp: 71781
Ion Ratio Lower Upper
85 100
87 30.9 15.4 46.1





#3

Chloromethane

Concen: 5.20 ug/l

RT: 2.06 min Scan# 145

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 94572

Ion Ratio Lower Upper

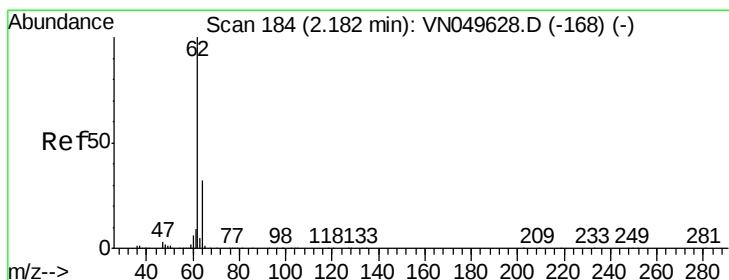
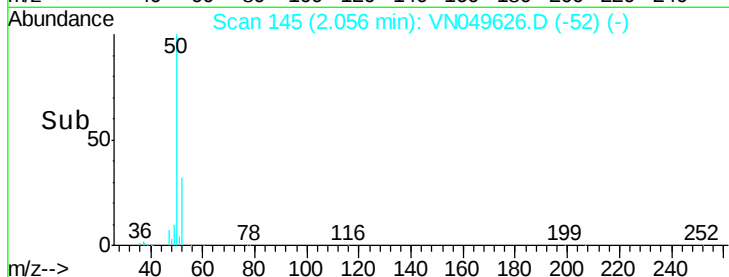
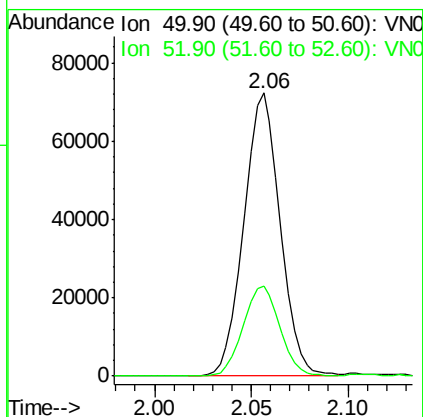
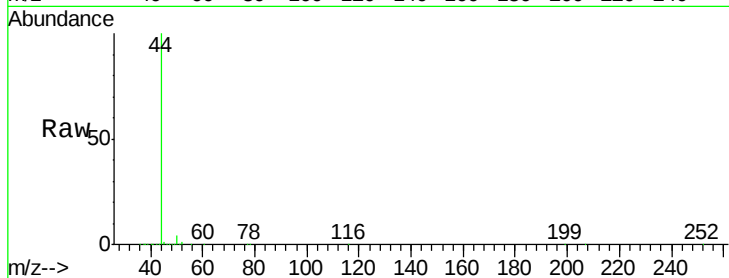
50 100

52 32.0 26.1 39.1

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#4

Vinyl Chloride

Concen: 5.25 ug/l

RT: 2.18 min Scan# 184

Delta R.T. 0.00 min

Lab File: VN049626.D

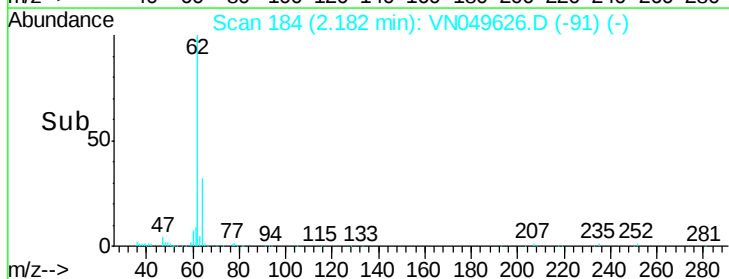
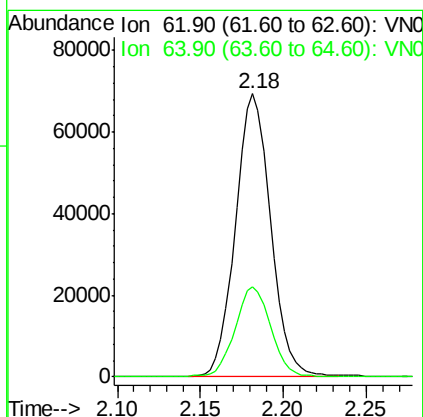
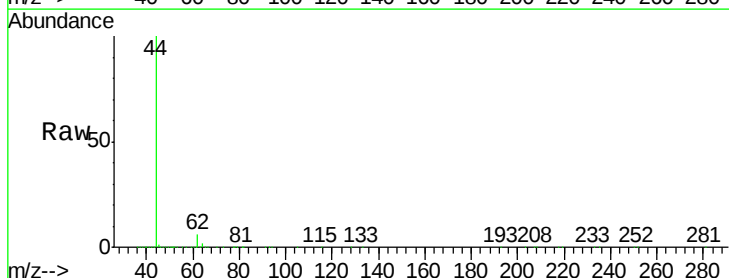
Acq: 29 Jun 2018 11:19

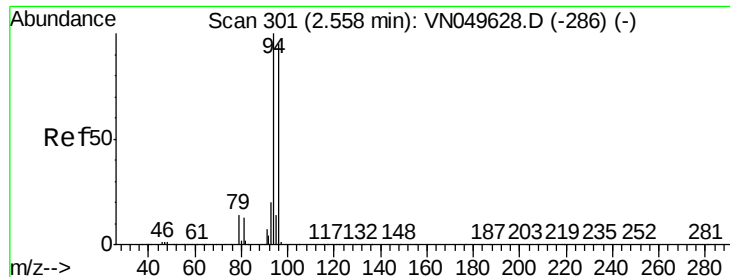
Tgt Ion: 62 Resp: 102604

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.0





#5

Bromomethane

Concen: 4.90 ug/l

RT: 2.56 min Scan# 302

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 94 Resp: 50245

Ion Ratio Lower Upper

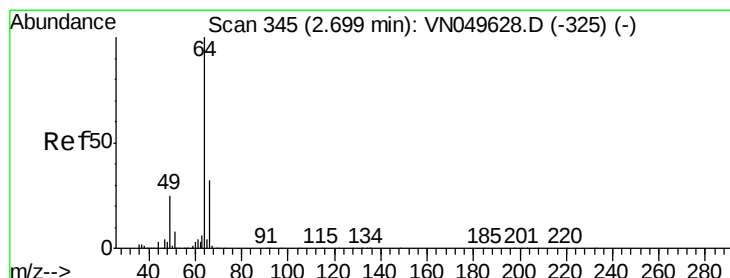
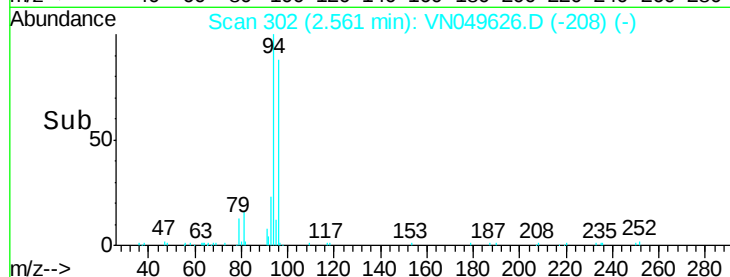
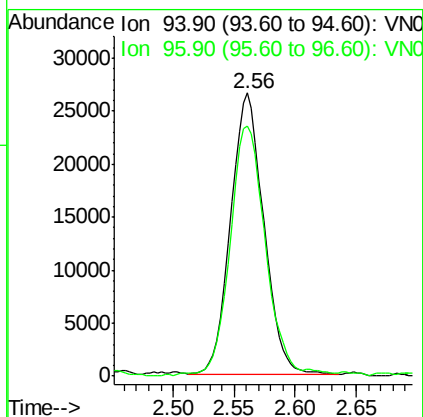
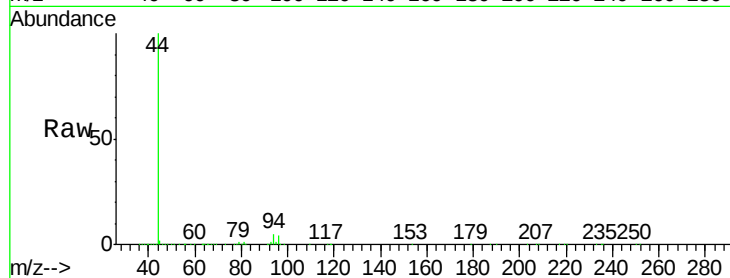
94 100

96 87.9 75.7 113.5

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#6

Chloroethane

Concen: 5.51 ug/l

RT: 2.70 min Scan# 345

Delta R.T. 0.00 min

Lab File: VN049626.D

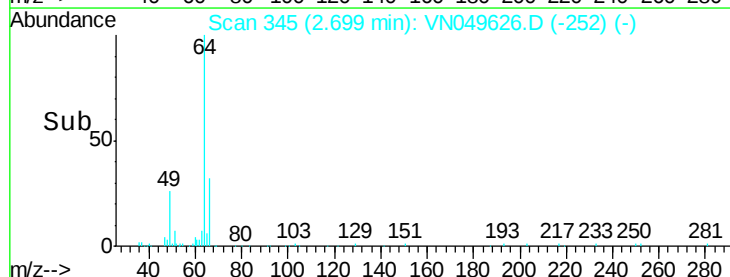
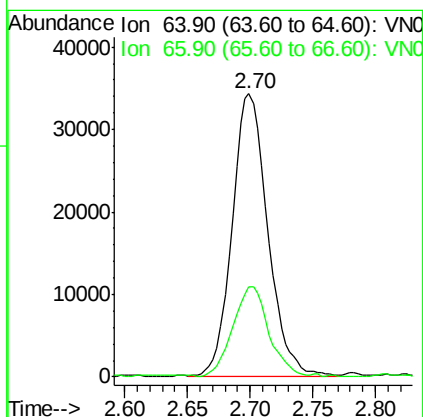
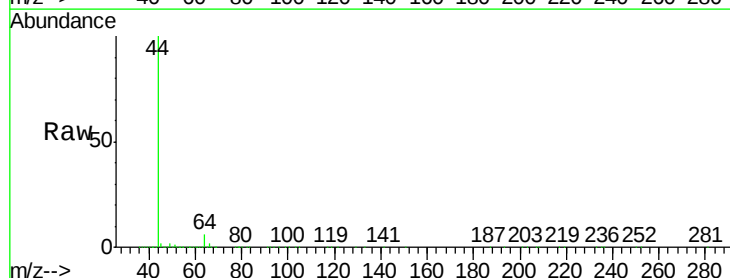
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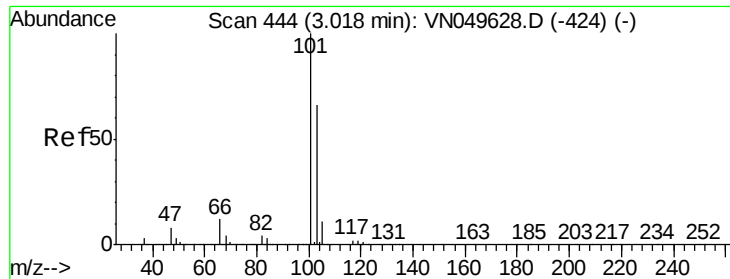
Tgt Ion: 64 Resp: 68174

Ion Ratio Lower Upper

64 100

66 31.7 25.6 38.4





#7

Trichlorofluoromethane

Concen: 5.92 ug/l

RT: 3.01 min Scan# 443

Delta R.T. -0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:101 Resp: 132131

Ion Ratio Lower Upper

101 100

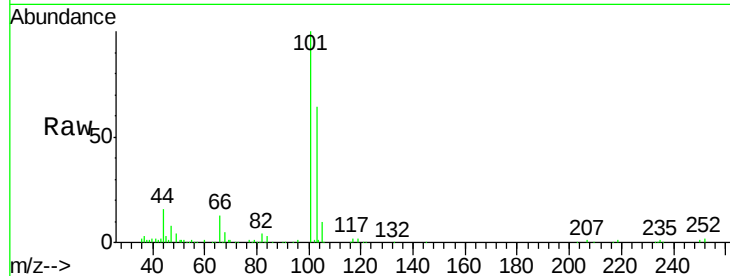
103 63.6 52.8 79.2

Manual Integrations

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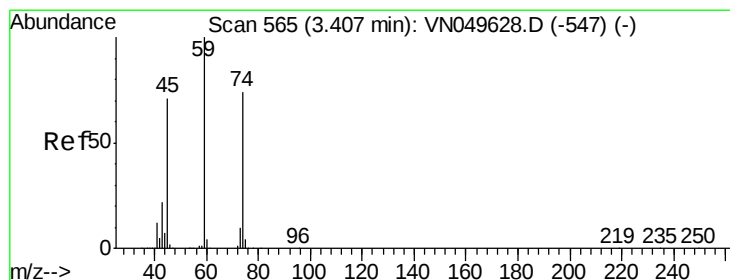
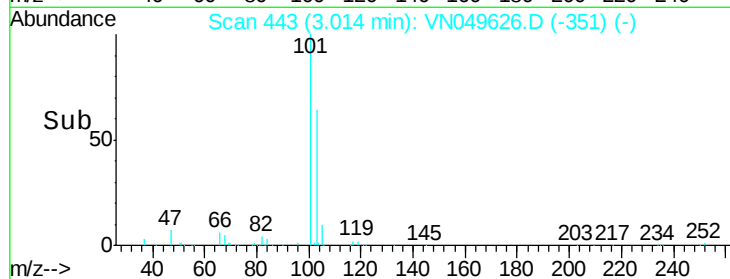
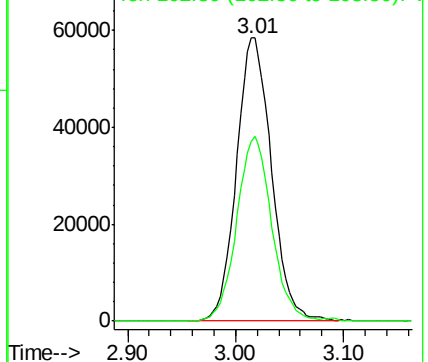
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Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 5.31 ug/l

RT: 3.41 min Scan# 565

Delta R.T. 0.00 min

Lab File: VN049626.D

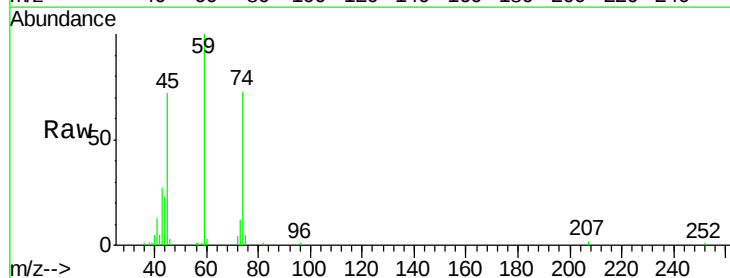
Acq: 29 Jun 2018 11:19

Tgt Ion: 74 Resp: 48003

Ion Ratio Lower Upper

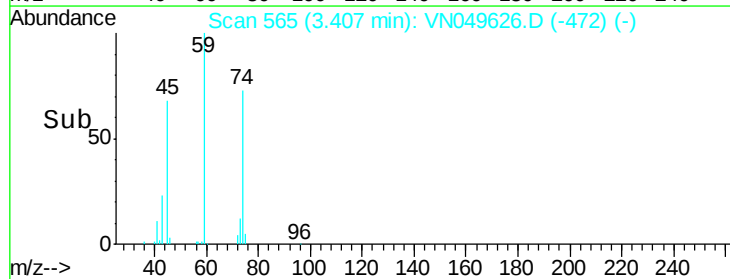
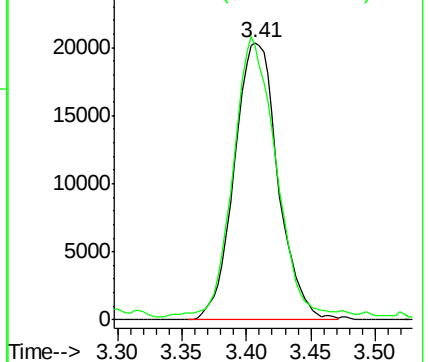
74 100

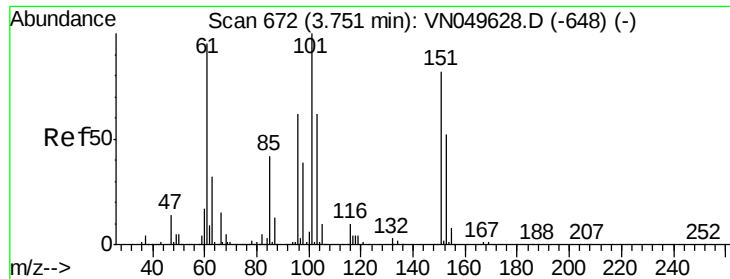
45 98.8 48.4 145.2



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.68 ug/l

RT: 3.75 min Scan# 672

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

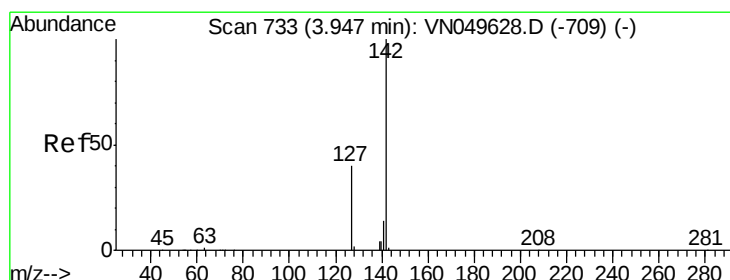
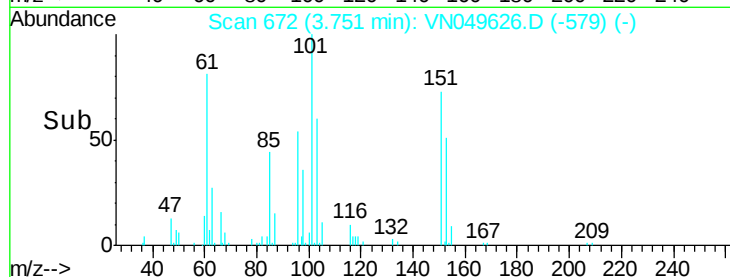
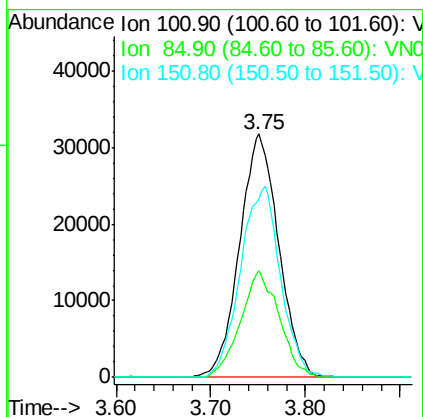
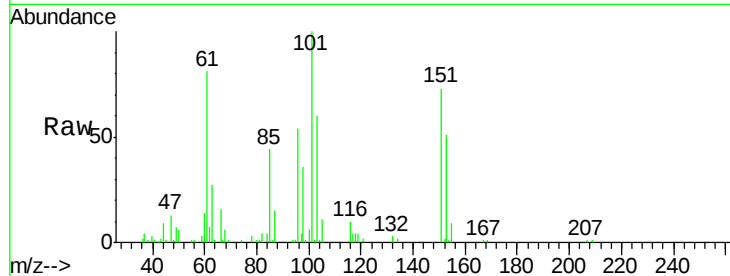
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	91272
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.4	51.6
151	80.1	66.2	99.4

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#10

Methyl Iodide

Concen: 4.84 ug/l

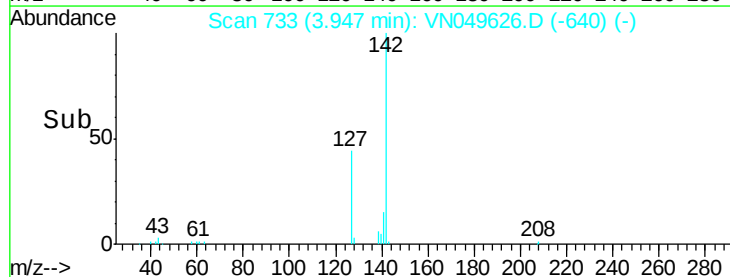
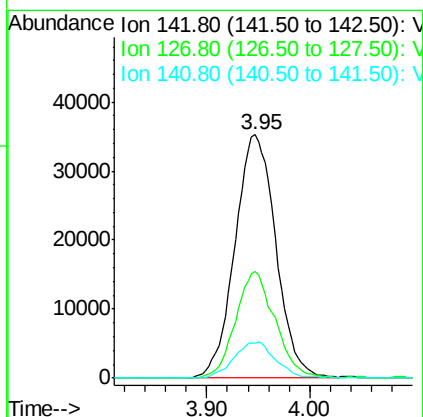
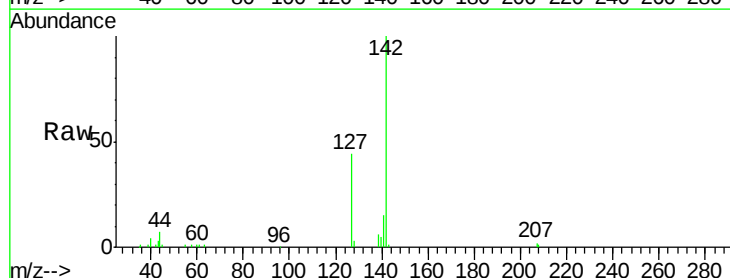
RT: 3.95 min Scan# 733

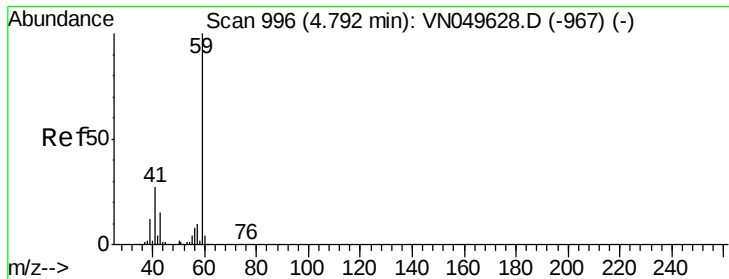
Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Tgt Ion:	142	Resp:	97216
Ion Ratio	Lower	Upper	
142	100		
127	42.3	32.5	48.7
141	14.7	11.1	16.7





#11

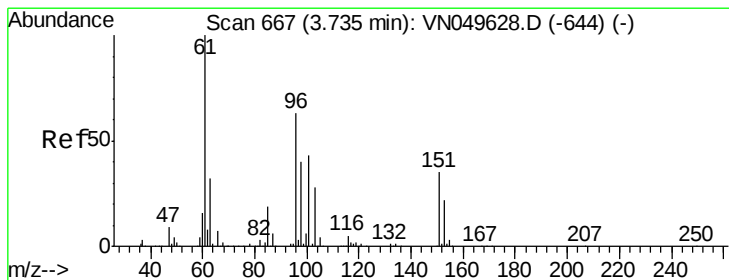
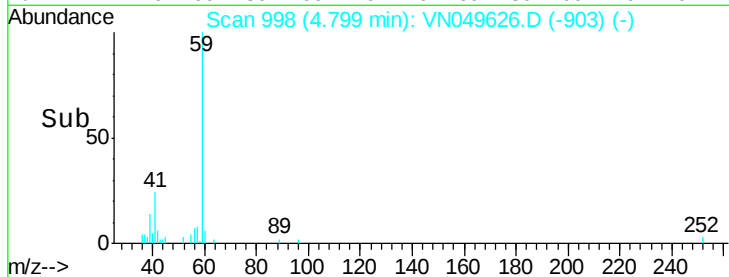
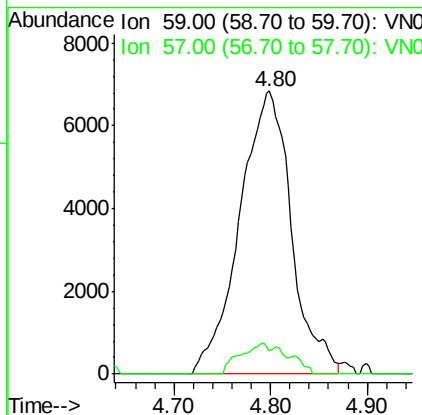
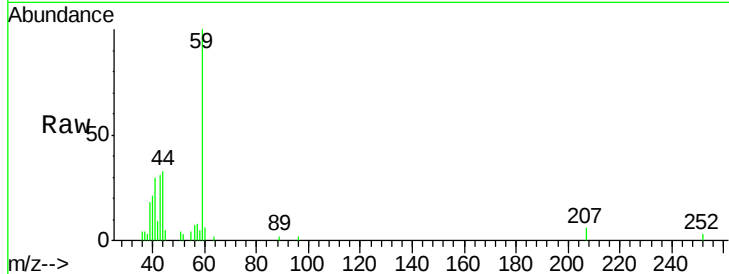
Tert butyl alcohol
Concen: 26.01 ug/l
RT: 4.80 min Scan# 998
Delta R.T. 0.01 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.0	8.5	12.7#

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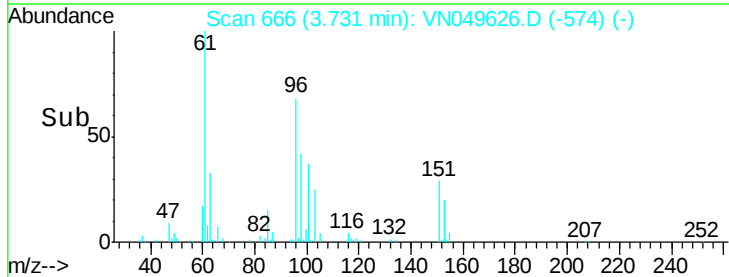
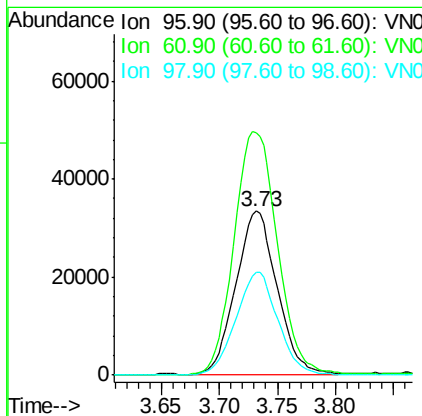
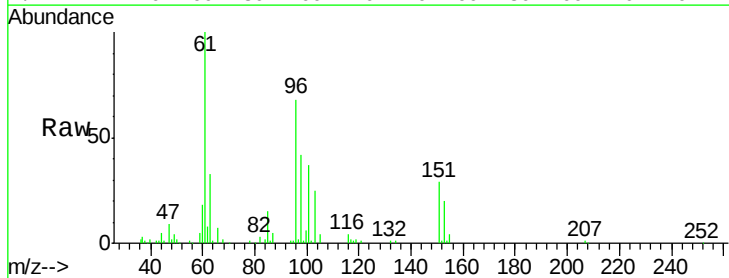
apatel
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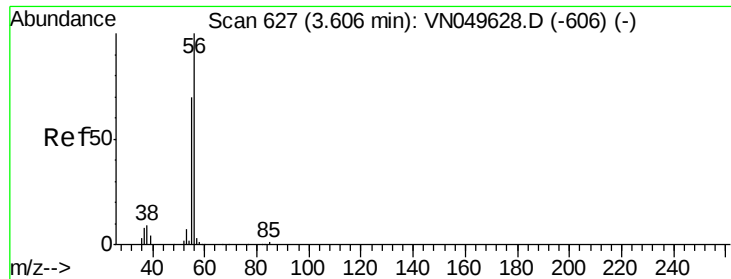


#12

1,1-Dichloroethene
Concen: 5.49 ug/l
RT: 3.73 min Scan# 666
Delta R.T. -0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.5	126.5	189.7
98	62.3	51.0	76.6





#13

Acrolein

Concen: 40.62 ug/l

RT: 3.61 min Scan# 628

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 37155

Ion Ratio Lower Upper

56 100

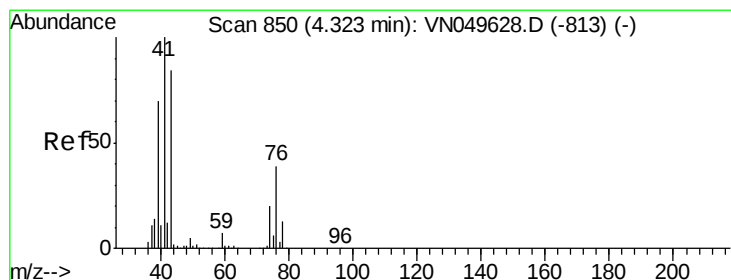
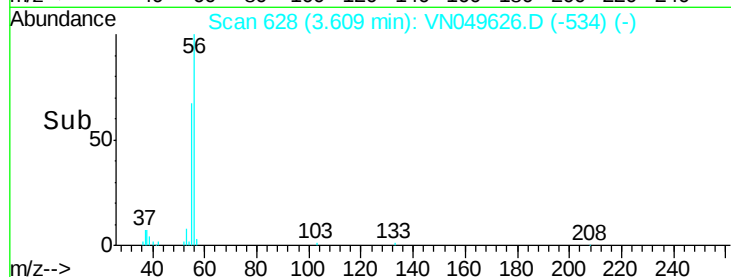
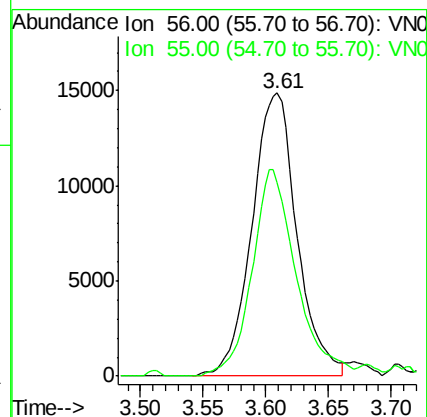
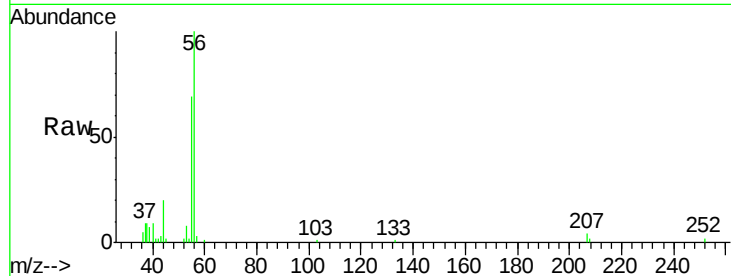
55 71.6 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 5.98 ug/l

RT: 4.32 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

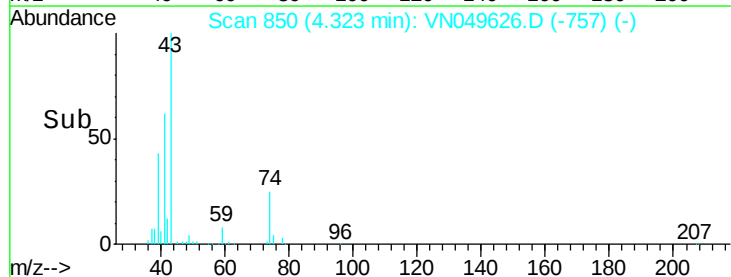
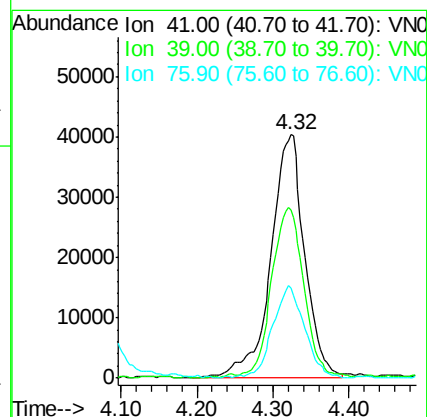
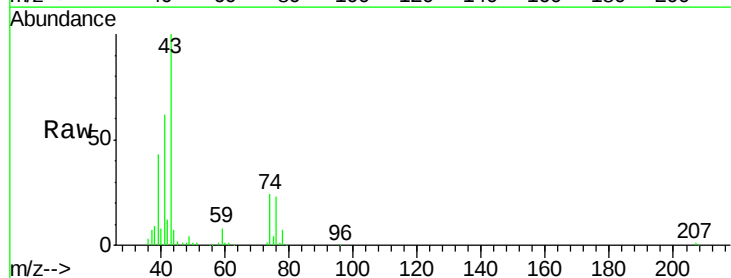
Tgt Ion: 41 Resp: 124662

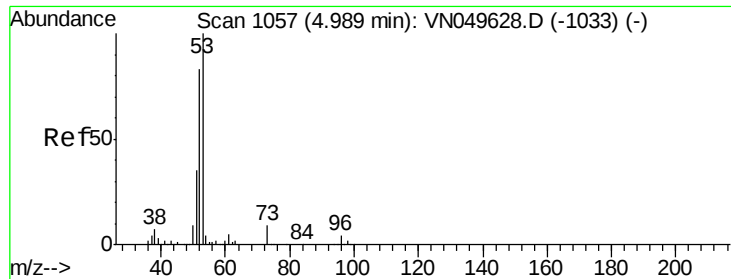
Ion Ratio Lower Upper

41 100

39 65.0 53.2 79.8

76 35.7 29.0 43.6





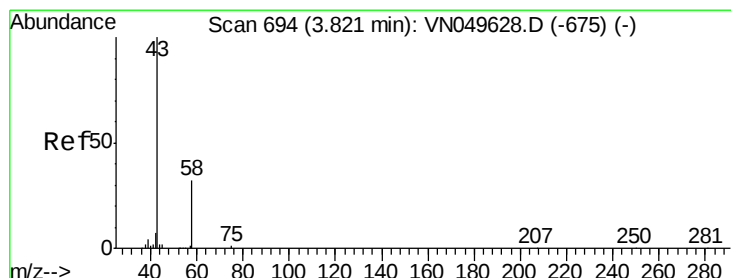
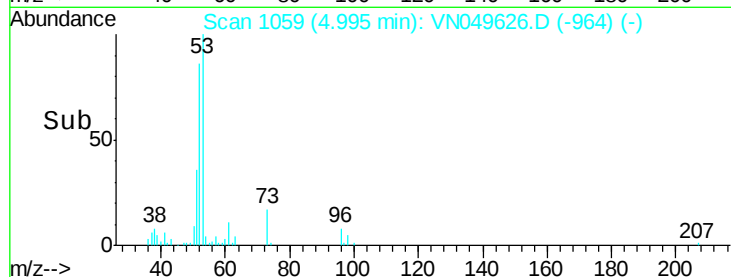
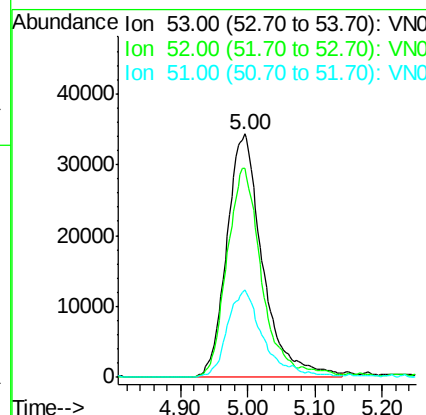
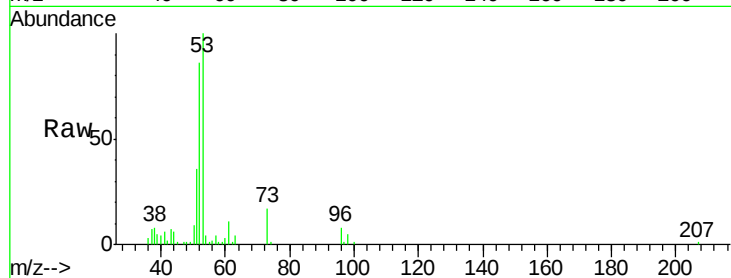
#15
 Acrylonitrile
 Concen: 25.20 ug/l
 RT: 5.00 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.0	64.8	97.2
51	35.8	28.9	43.3

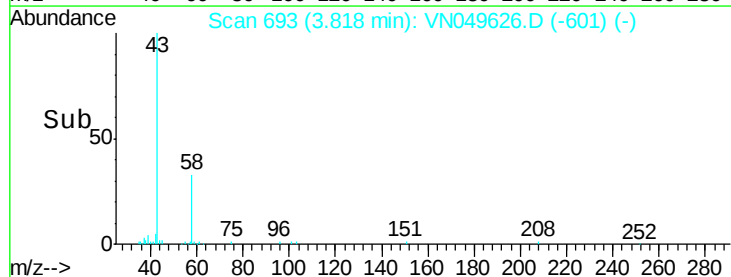
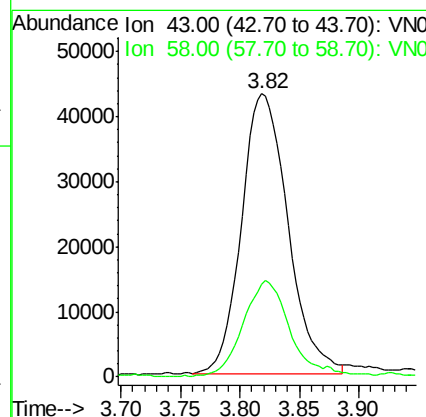
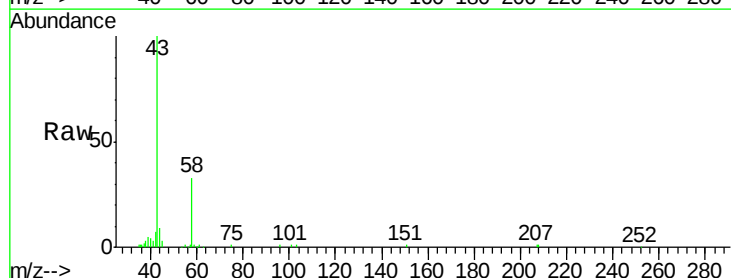
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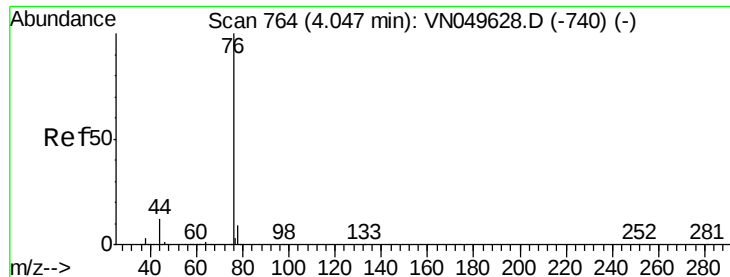
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#16
 Acetone
 Concen: 27.41 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.4	25.9	38.9





#17

Carbon Disulfide

Concen: 5.07 ug/l

RT: 4.05 min Scan# 765

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 76 Resp: 233185

Ion Ratio Lower Upper

76 100

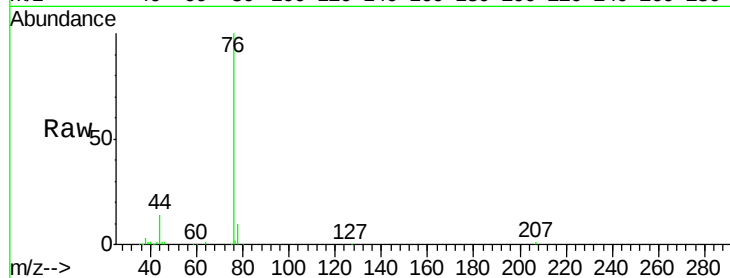
78 9.6 7.1 10.7

Manual Integrations

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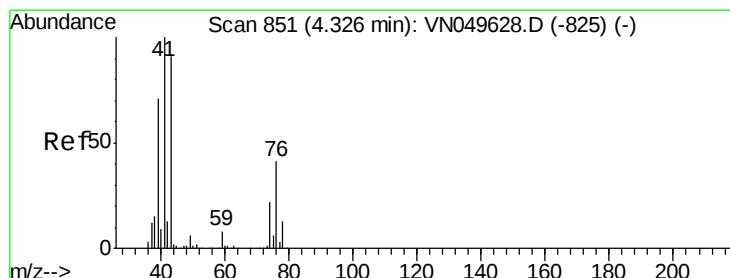
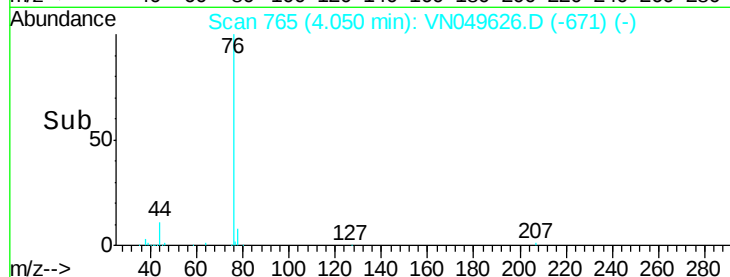
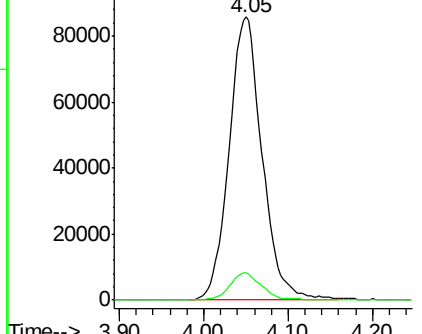
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VN049628.D (-740) (-)

Ion 77.90 (77.60 to 78.60): VN049628.D (-740) (-)



#18

Methyl Acetate

Concen: 7.70 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049626.D

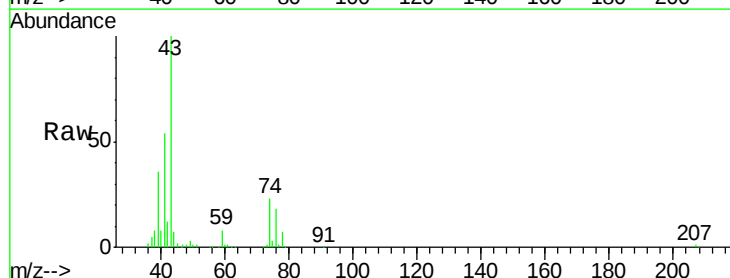
Acq: 29 Jun 2018 11:19

Tgt Ion: 43 Resp: 198118

Ion Ratio Lower Upper

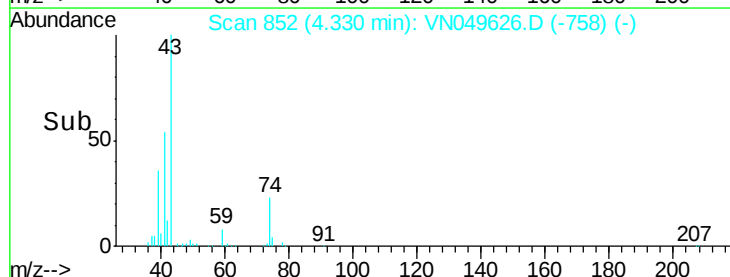
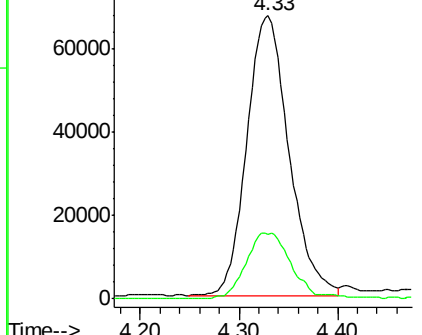
43 100

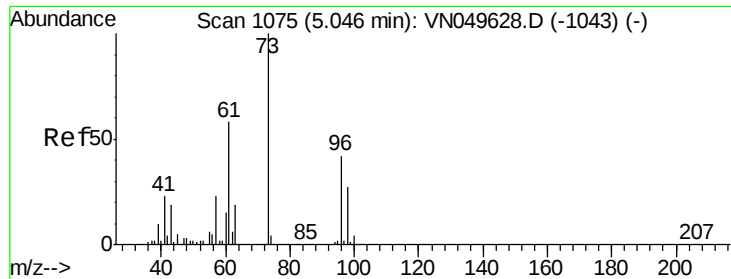
74 24.6 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-825) (-)

Ion 74.00 (73.70 to 74.70): VN049628.D (-825) (-)





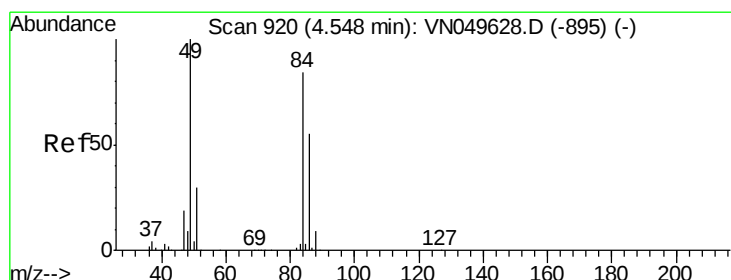
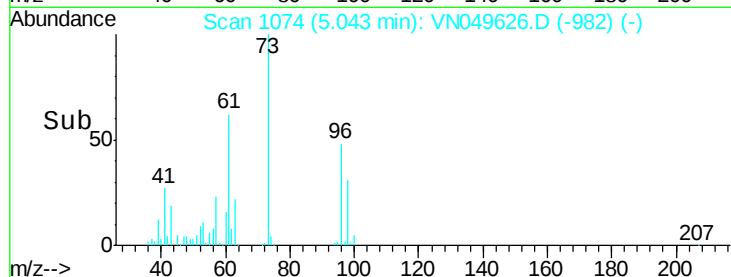
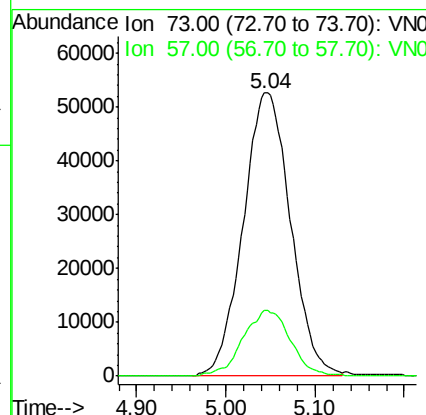
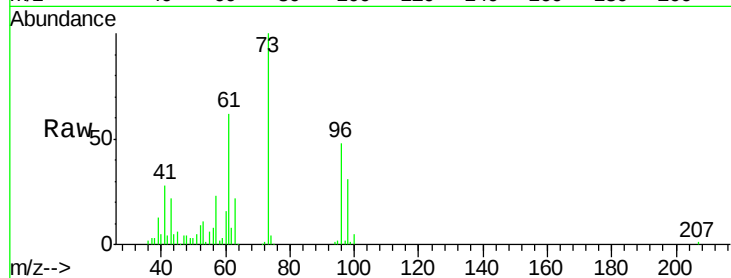
#19
Methyl tert-butyl Ether
Concen: 4.97 ug/l
RT: 5.04 min Scan# 1074
Delta R.T. -0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion: 73 Resp: 194403
Ion Ratio Lower Upper
73 100
57 23.3 18.1 27.1

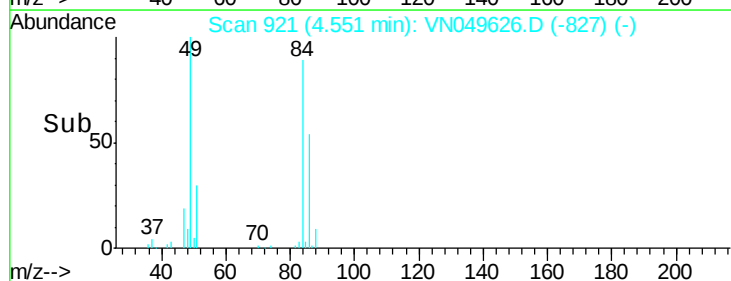
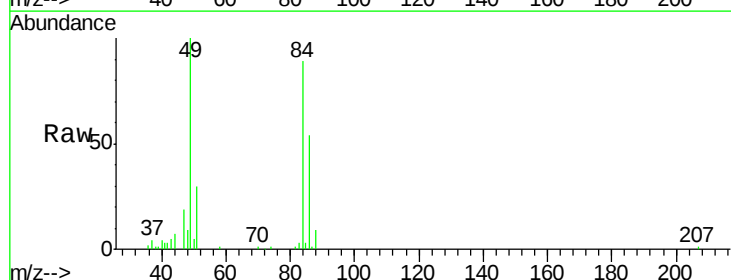
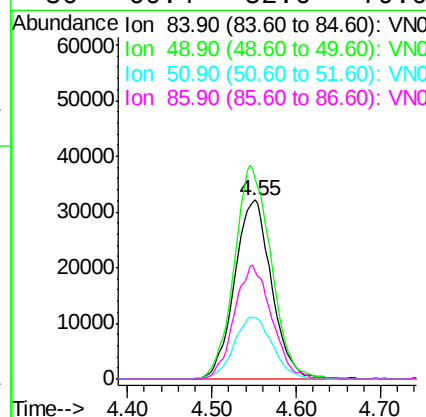
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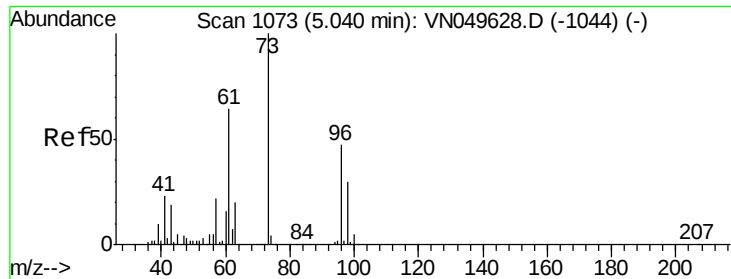
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#20
Methylene Chloride
Concen: 5.59 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 84 Resp: 98179
Ion Ratio Lower Upper
84 100
49 111.7 95.4 143.2
51 34.0 28.4 42.6
86 60.4 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 5.27 ug/l

RT: 5.04 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

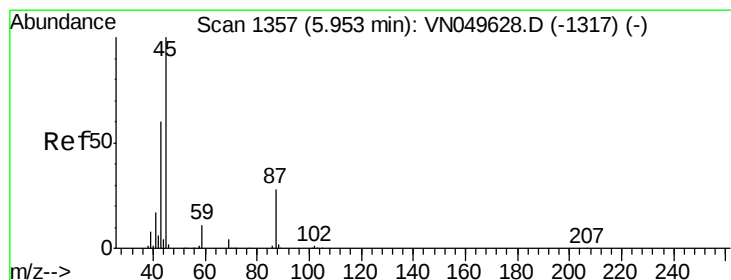
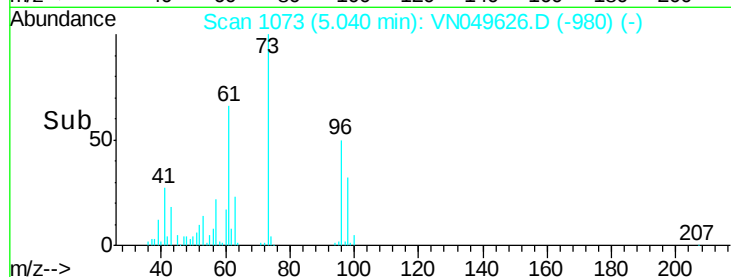
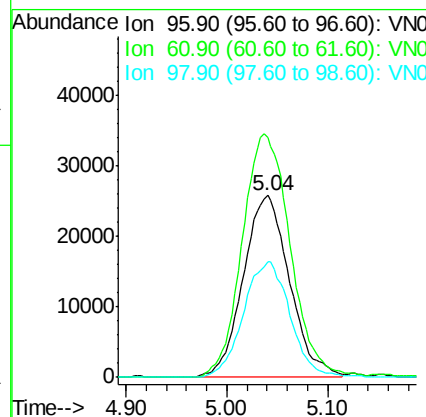
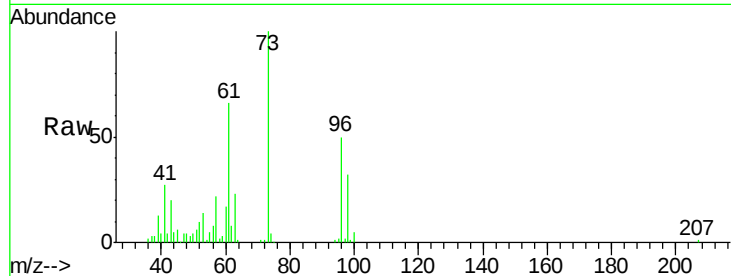
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	82312
Ion	Ratio	Lower	Upper
96	100		
61	131.8	109.0	163.6
98	63.4	51.1	76.7

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#22

Diisopropyl ether

Concen: 5.05 ug/l

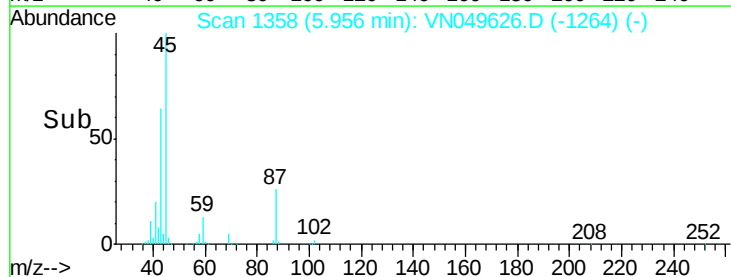
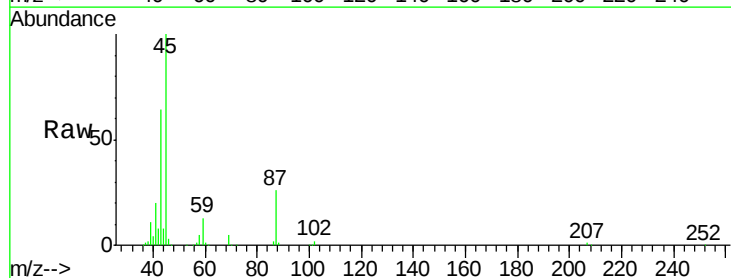
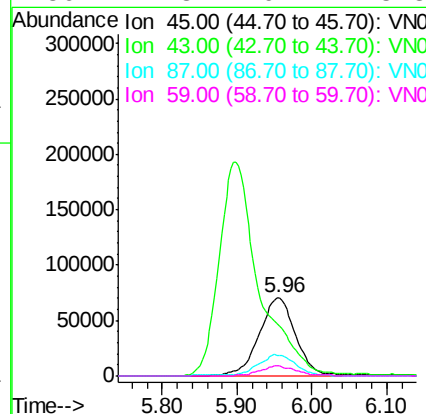
RT: 5.96 min Scan# 1358

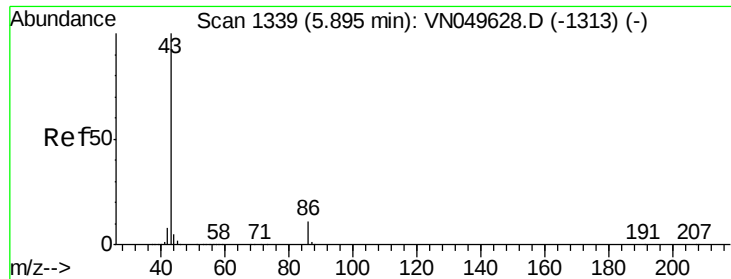
Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Tgt Ion:	45	Resp:	238187
Ion	Ratio	Lower	Upper
45	100		
43	61.2	48.1	72.1
87	25.6	22.6	34.0
59	12.3	9.2	13.8





#23

Vinyl Acetate

Concen: 23.48 ug/l

RT: 5.90 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 718231

Ion Ratio Lower Upper

43 100

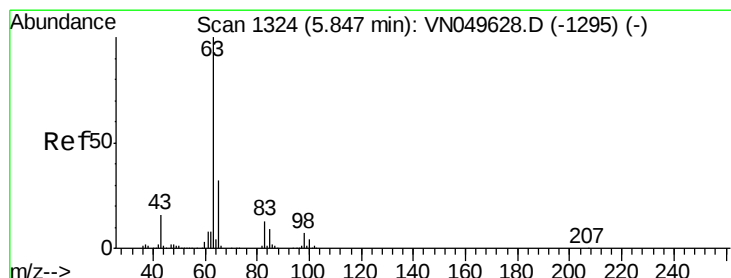
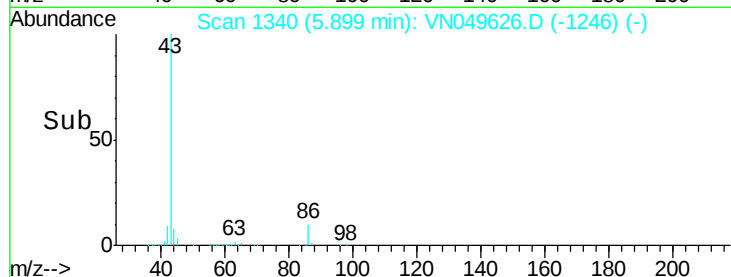
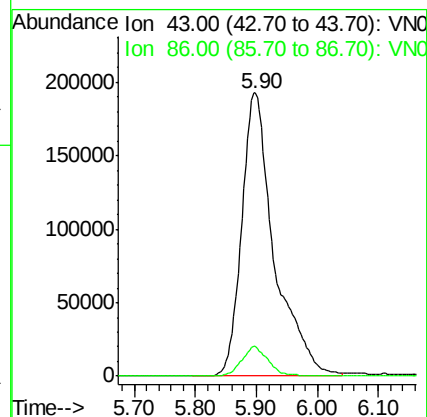
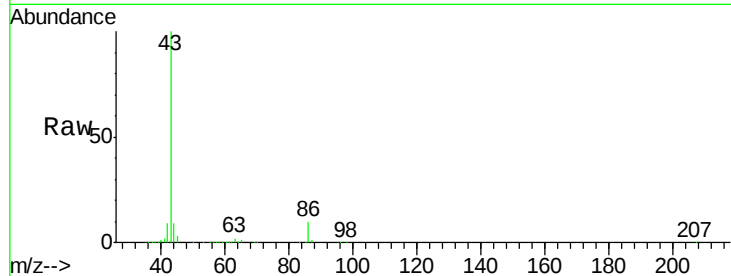
86 10.4 8.4 12.6

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#24

1,1-Dichloroethane

Concen: 5.52 ug/l

RT: 5.85 min Scan# 1325

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

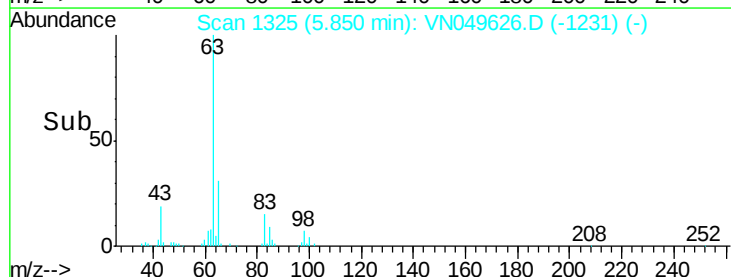
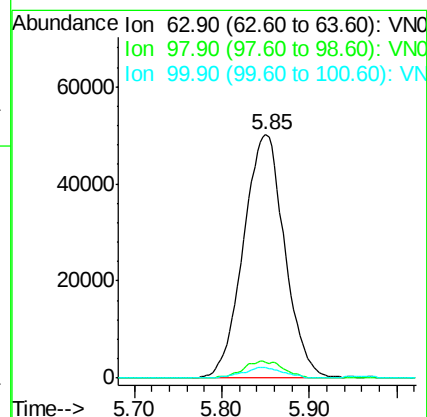
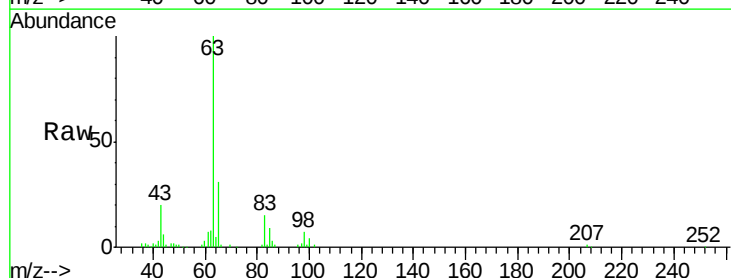
Tgt Ion: 63 Resp: 164158

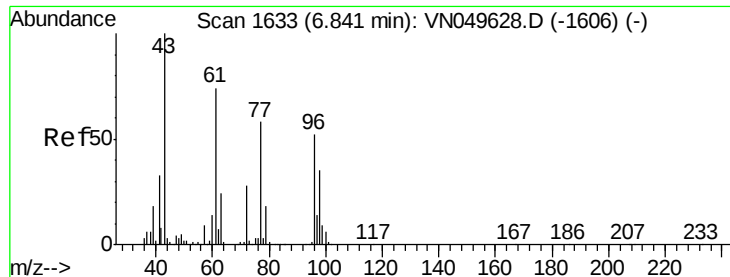
Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.2

100 4.2 2.2 6.6





#25

2-Butanone

Concen: 24.68 ug/l

RT: 6.84 min Scan# 1632

Delta R.T. -0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 43 Resp: 139817

Ion Ratio Lower Upper

43 100

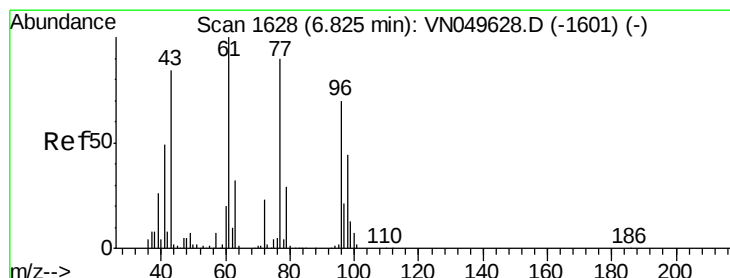
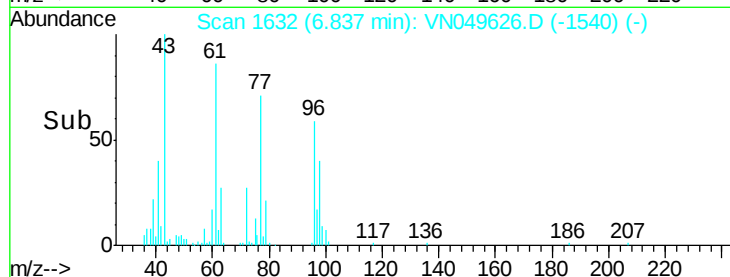
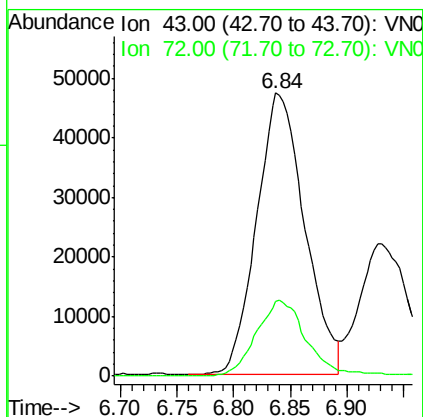
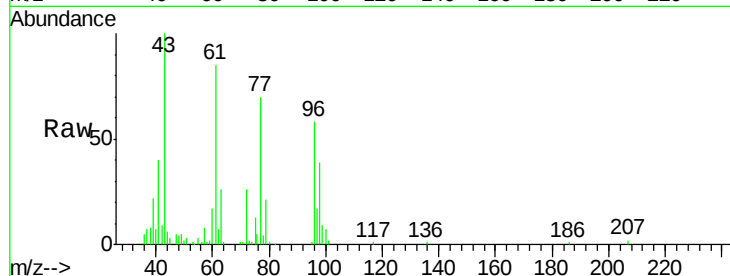
72 26.5 22.1 33.1

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#26

2,2-Dichloropropane

Concen: 5.48 ug/l

RT: 6.82 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VN049626.D

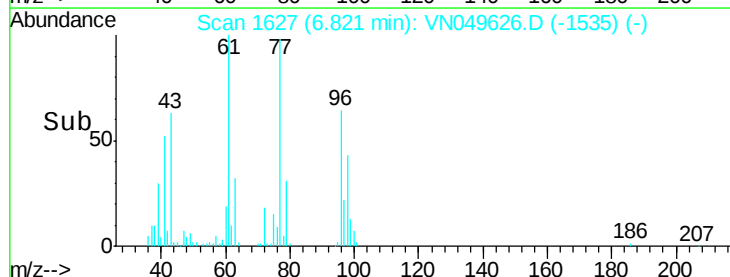
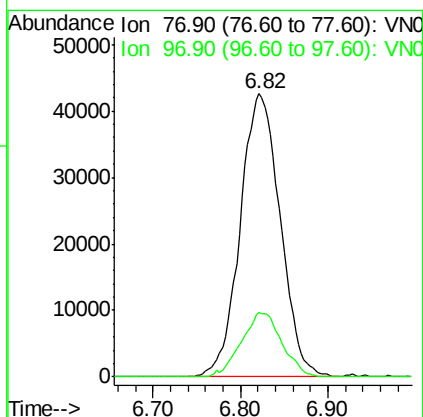
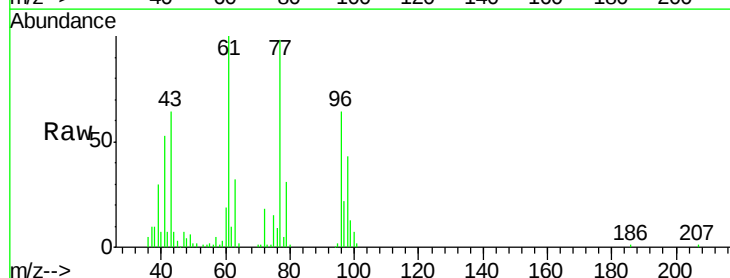
Acq: 29 Jun 2018 11:19

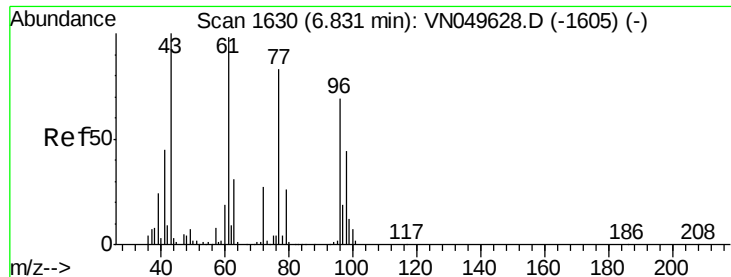
Tgt Ion: 77 Resp: 135165

Ion Ratio Lower Upper

77 100

97 22.9 11.9 35.5





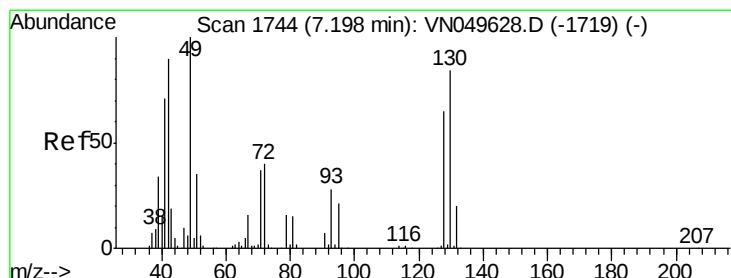
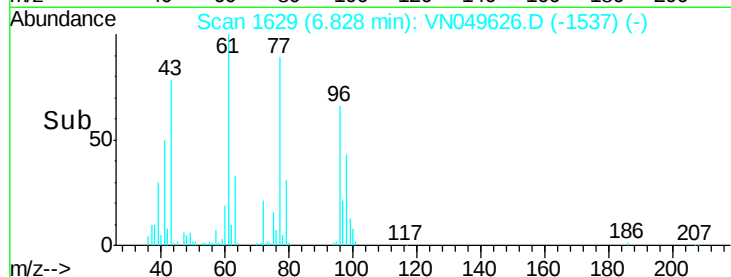
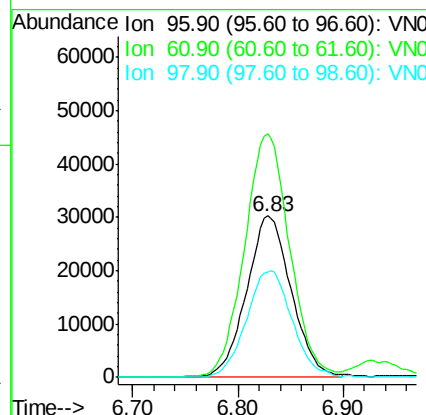
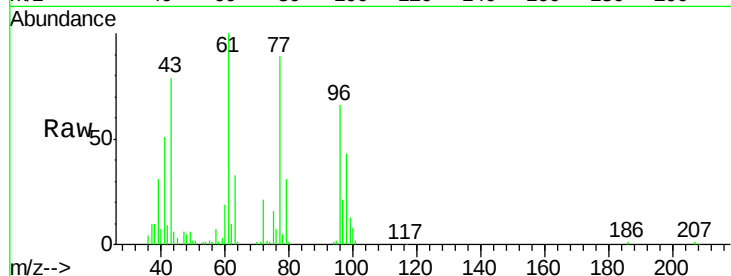
#27
 cis-1,2-Dichloroethene
 Concen: 5.12 ug/l
 RT: 6.83 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.3	0.0	289.0
98	67.3	0.0	130.2

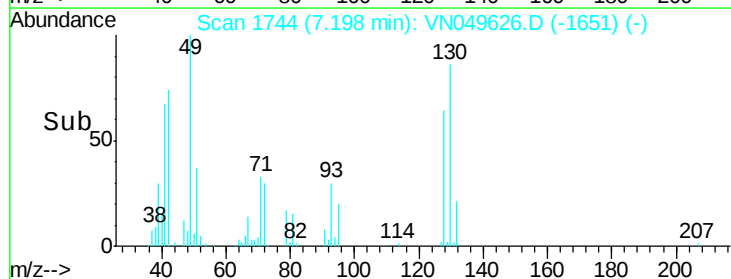
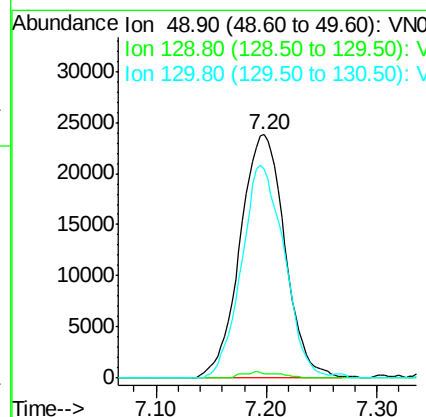
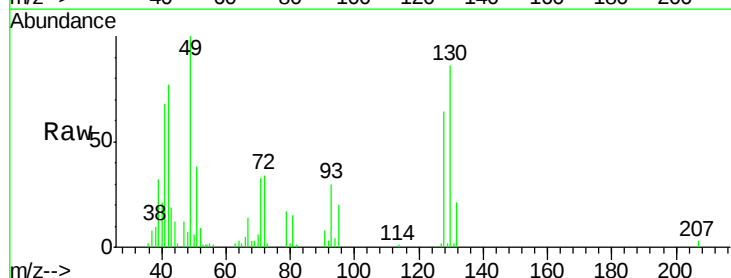
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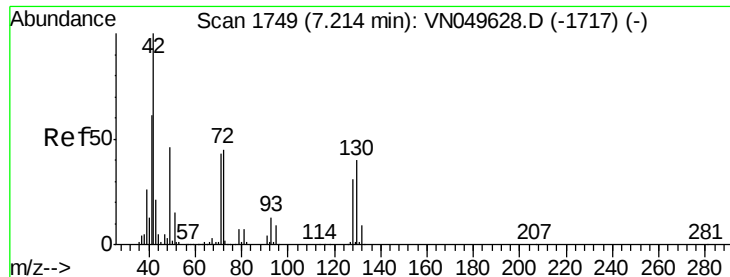
apatel
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#28
 Bromochloromethane
 Concen: 5.33 ug/l
 RT: 7.20 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	83.4	65.5	98.3





#29

Tetrahydrofuran

Concen: 23.33 ug/l

RT: 7.22 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

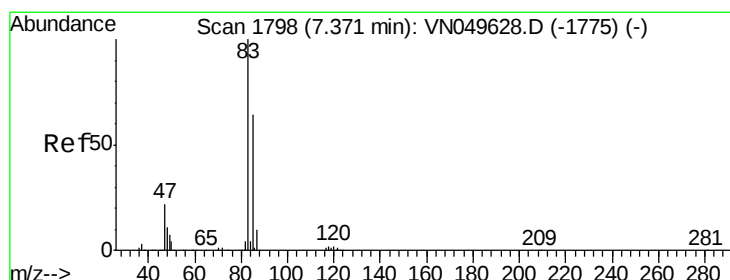
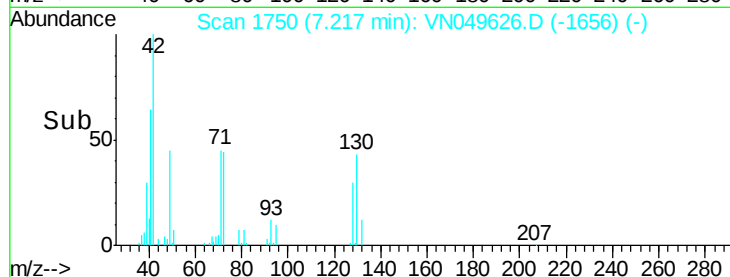
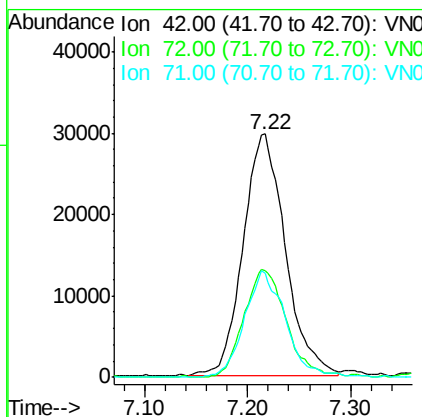
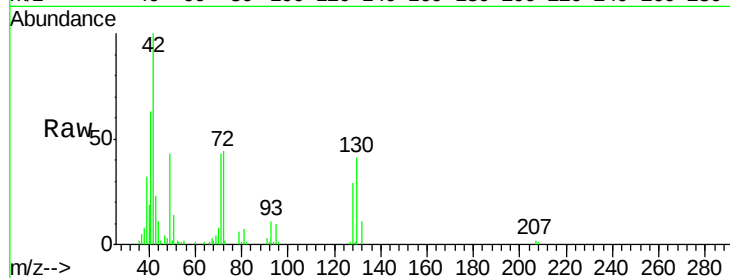
ClientSampled :

VSTDIC005

Tot Ion:	42	Resp:	84238
Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.6	53.4
71	42.2	34.0	51.0

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#30

Chloroform

Concen: 5.55 ug/l

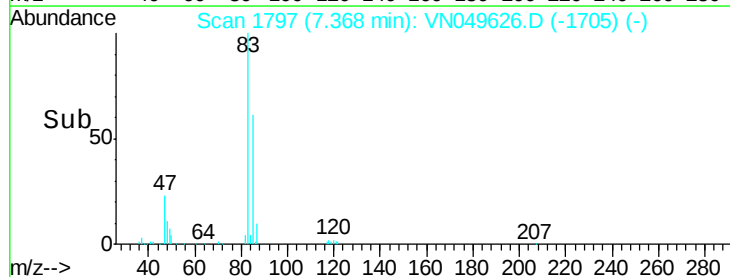
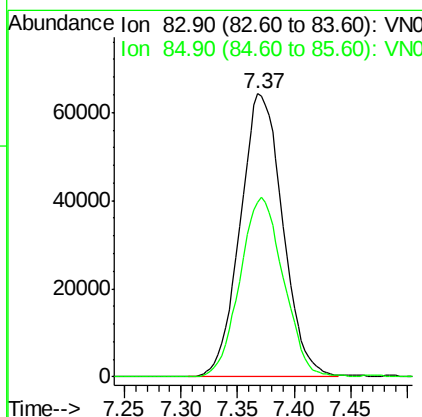
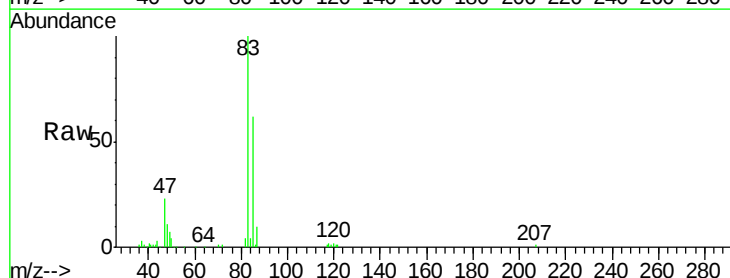
RT: 7.37 min Scan# 1797

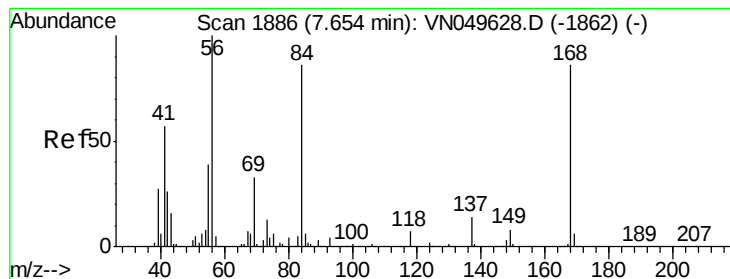
Delta R.T. -0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Tgt Ion:	83	Resp:	168013
Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.4	77.2





#31

Cyclohexane

Concen: 5.07 ug/l

RT: 7.65 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 56 Resp: 148253

Ion Ratio Lower Upper

56 100

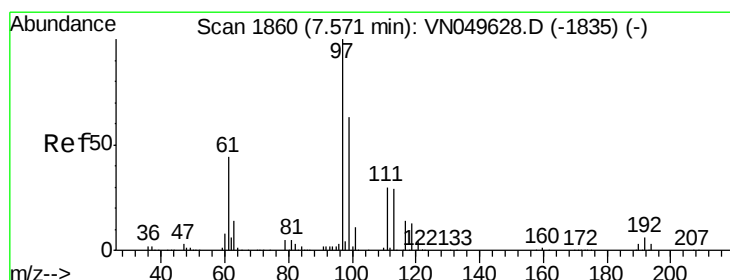
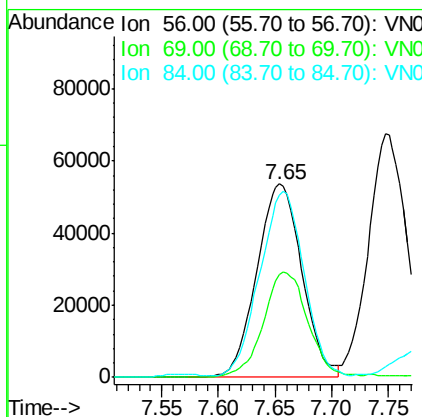
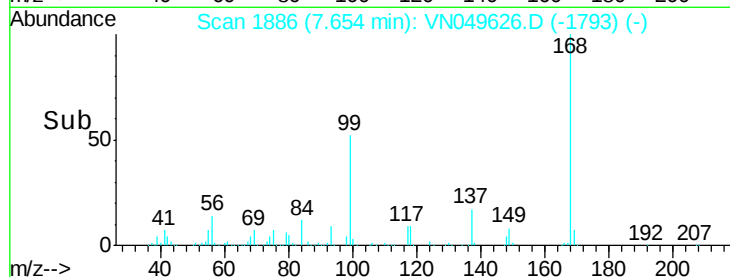
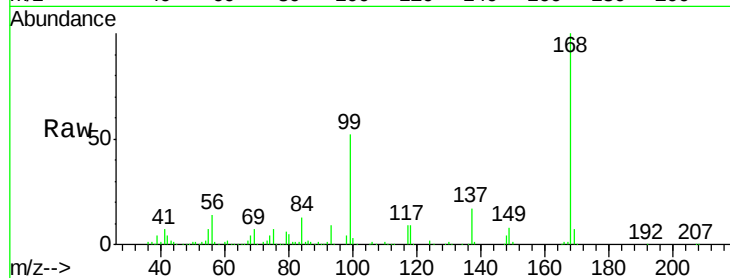
69 53.0 26.6 40.0#

84 93.0 69.0 103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 5.47 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

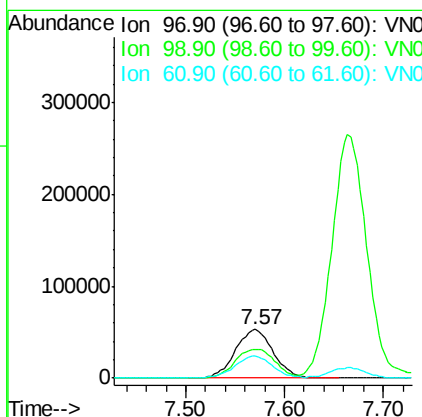
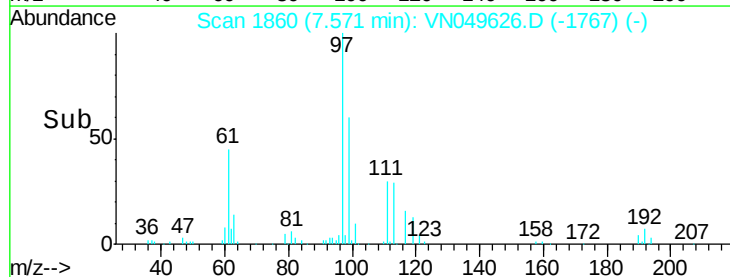
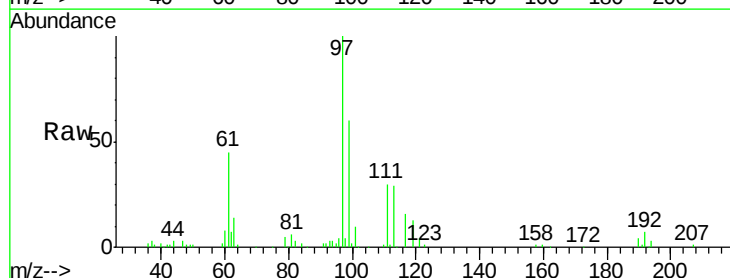
Tgt Ion: 97 Resp: 140368

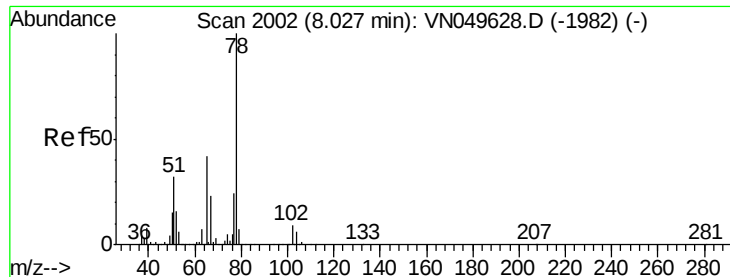
Ion Ratio Lower Upper

97 100

99 63.7 51.0 76.4

61 45.3 35.5 53.3





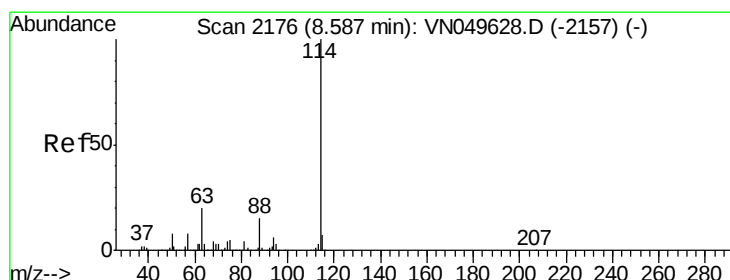
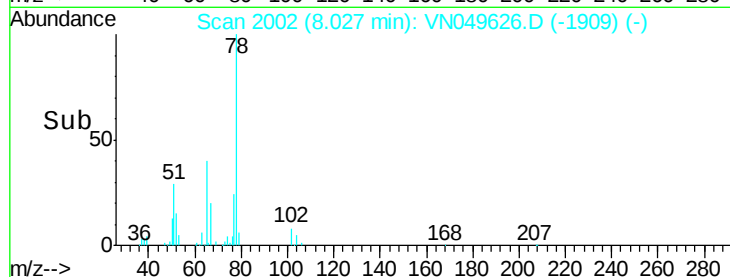
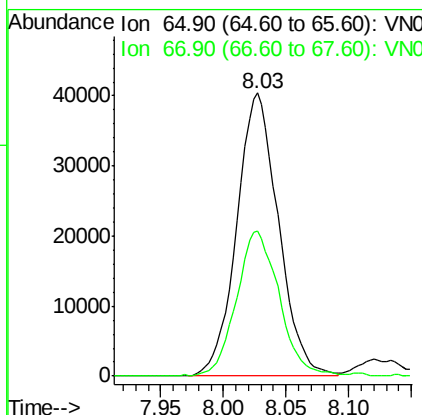
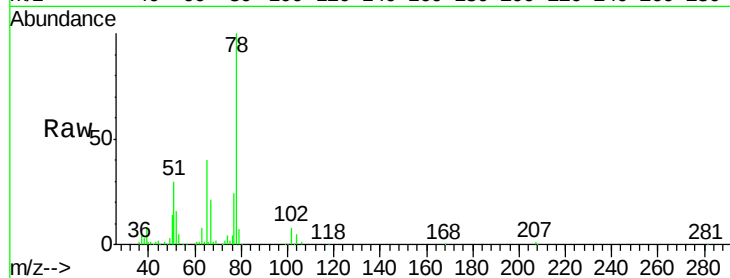
#33
 1,2-Dichloroethane-d4
 Concen: 5.48 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	107.2

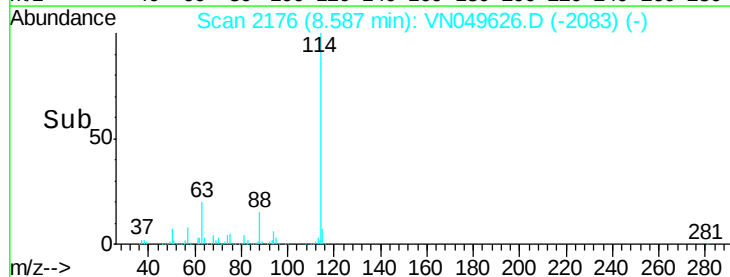
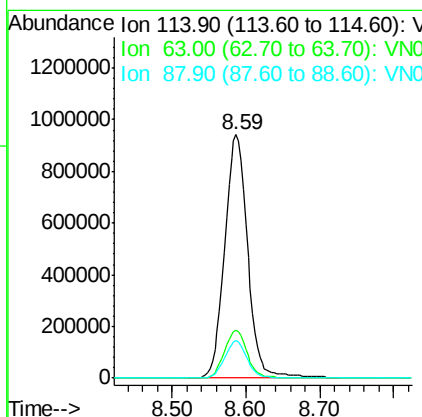
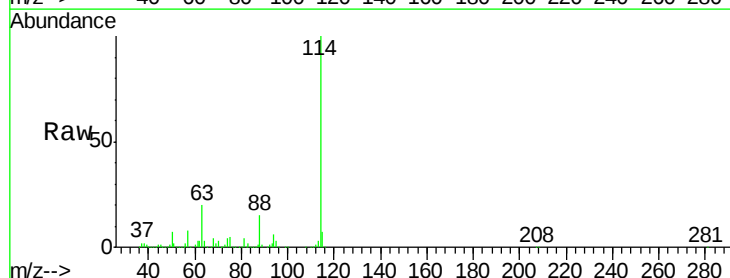
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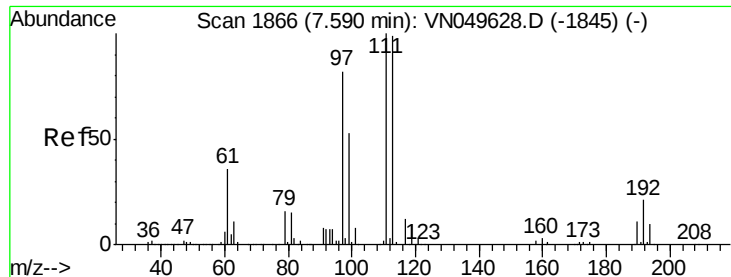
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.8
88	15.5	0.0	30.6





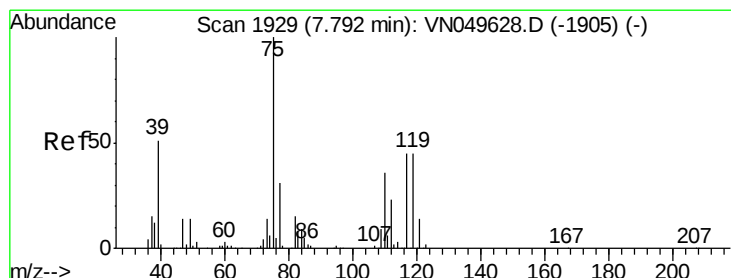
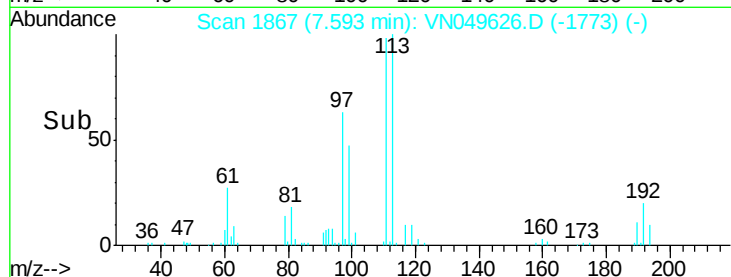
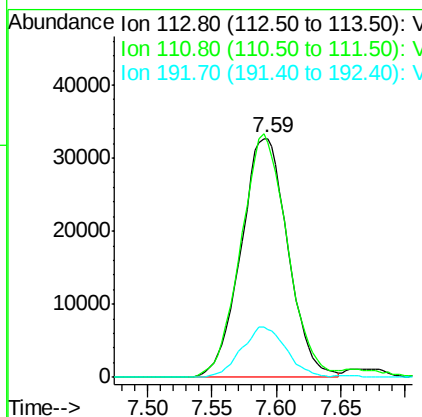
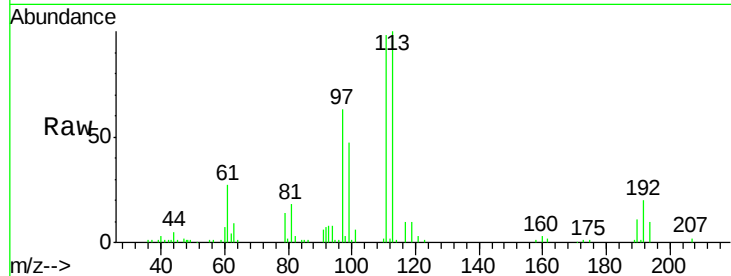
#35
Dibromofluoromethane
Concen: 5.43 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.7	81.8	122.8
192	20.1	17.8	26.6

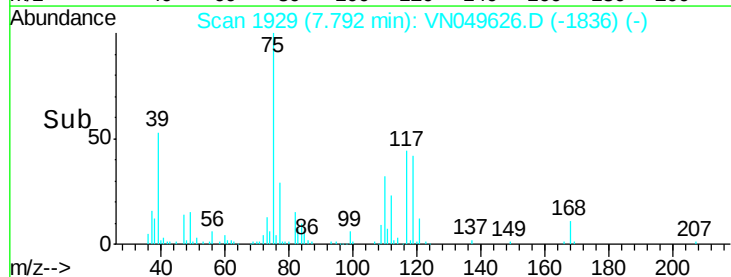
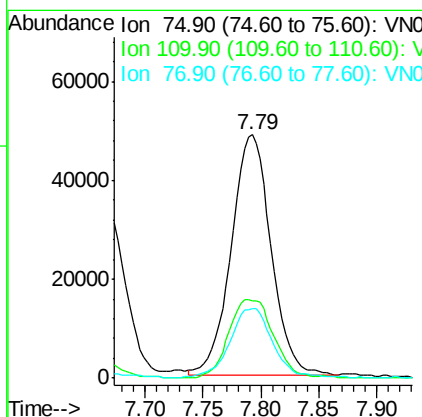
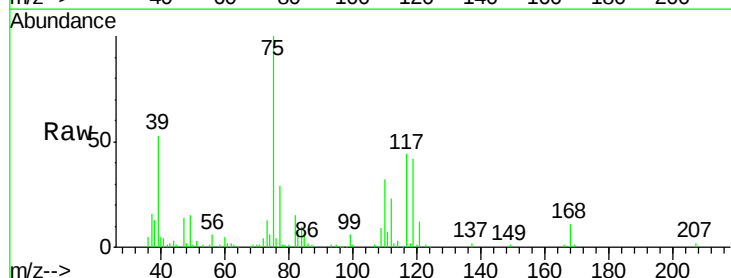
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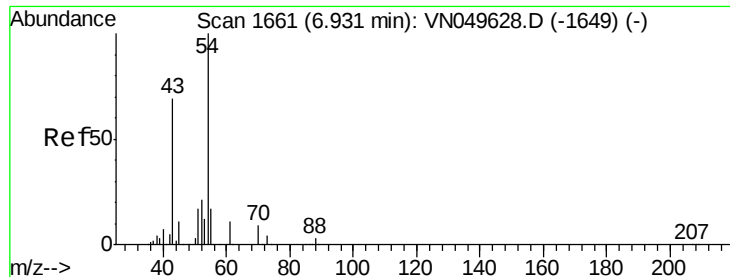
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#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 7.79 min Scan# 1929
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.1	54.4
77	31.6	24.9	37.3





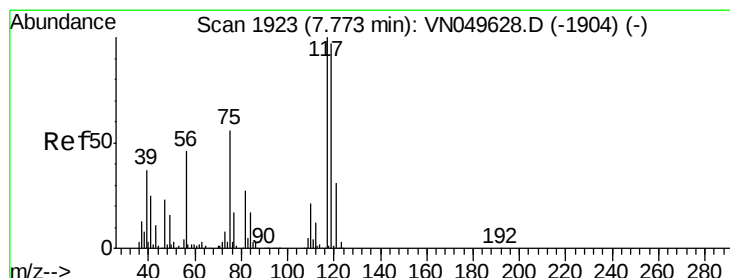
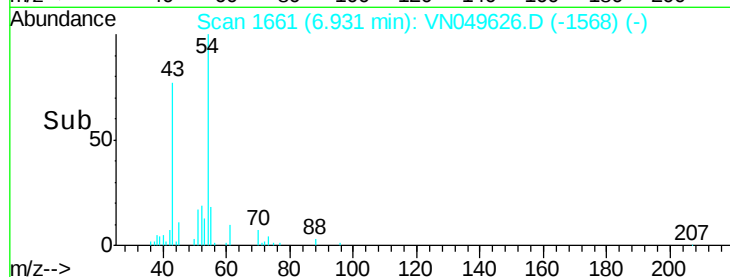
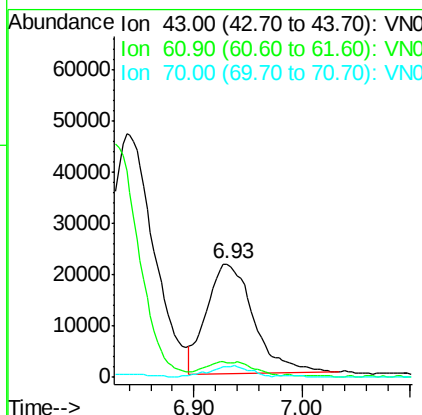
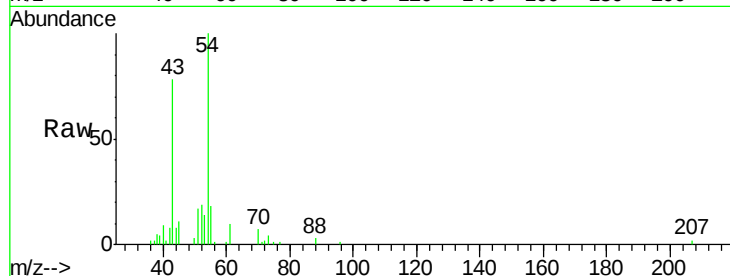
#37
Ethyl Acetate
Concen: 4.90 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	43	61	70
Ratio	100	0.0	9.1
Lower		11.7	8.4
Upper		17.5#	12.6

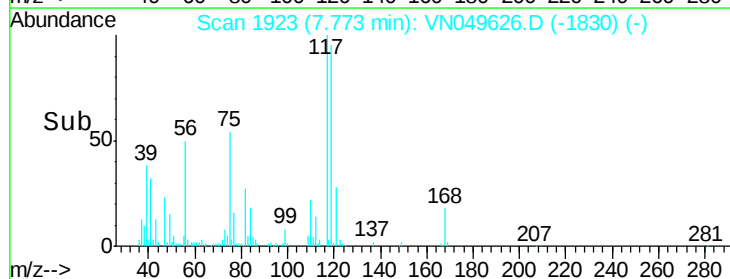
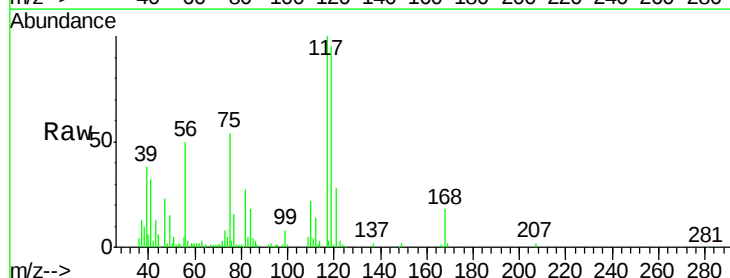
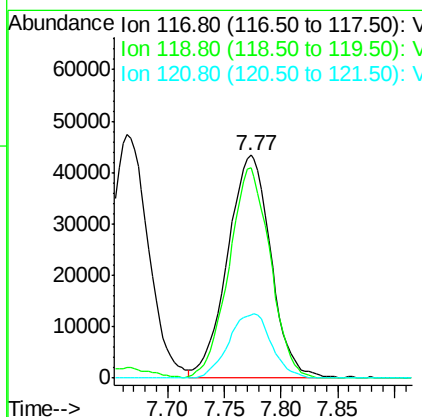
Manual Integrations
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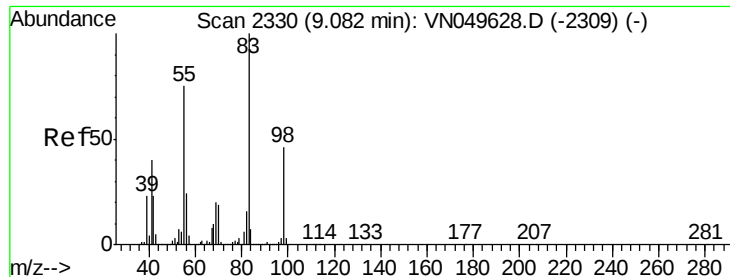
apatel
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#38
Carbon Tetrachloride
Concen: 5.13 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion	117	119	121
Ratio	100	95.1	28.3
Lower		77.2	25.0
Upper		115.8	37.6





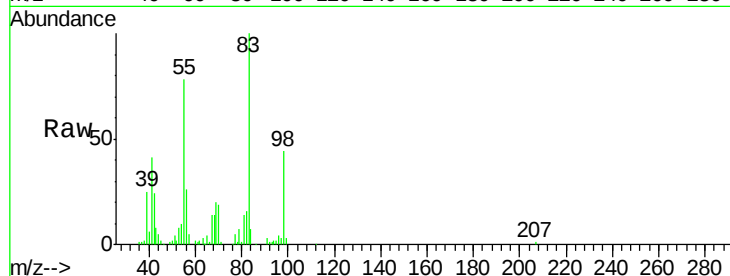
#39
Methvlcvclohexane
Concen: 4.80 ug/l
RT: 9.08 min Scan# 2329
Delta R.T. -0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	59.7	89.5
98	43.9	36.5	54.7

Manual Integrations
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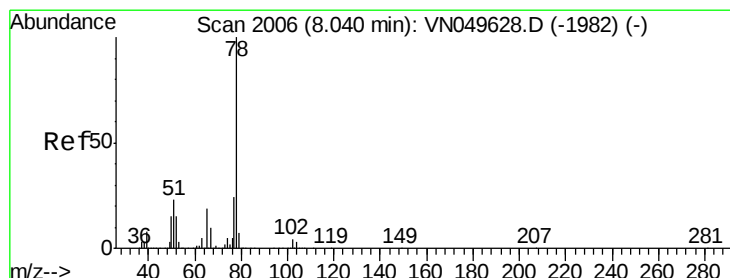
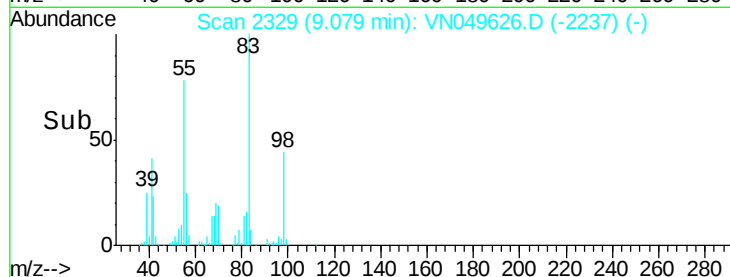
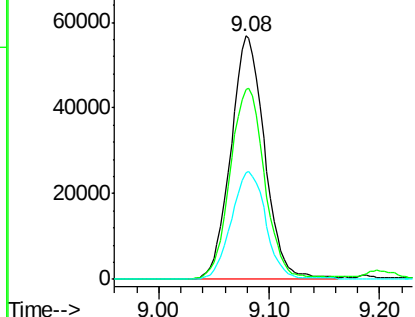
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Abundance Ion 83.00 (82.70 to 83.70): VN049628.D (-2309) (-)

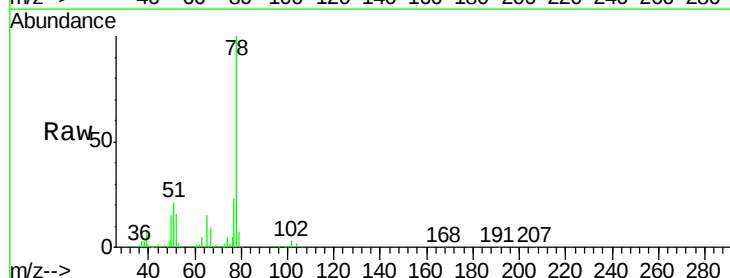
Ion 55.00 (54.70 to 55.70): VN049628.D (-2309) (-)

Ion 98.00 (97.70 to 98.70): VN049628.D (-2309) (-)



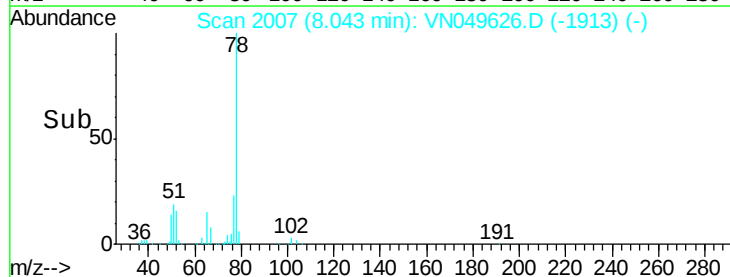
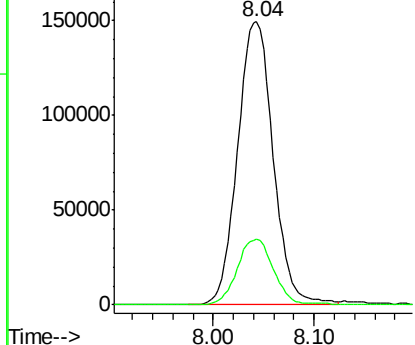
#40
Benzene
Concen: 5.21 ug/l
RT: 8.04 min Scan# 2007
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

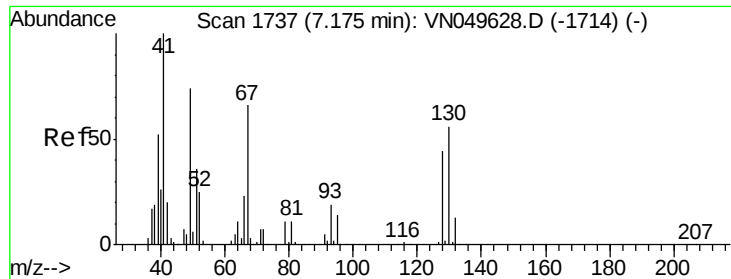
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VN049628.D (-1982) (-)

Ion 77.00 (76.70 to 77.70): VN049628.D (-1982) (-)





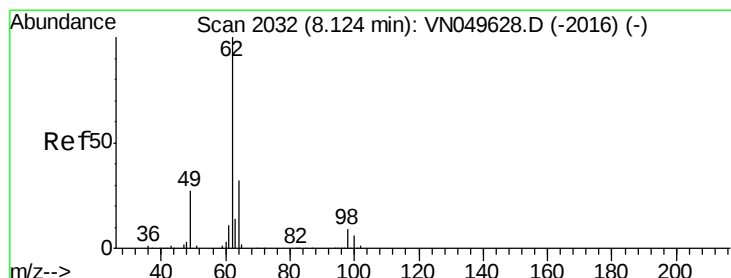
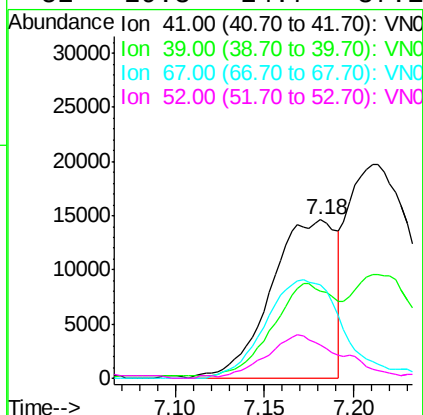
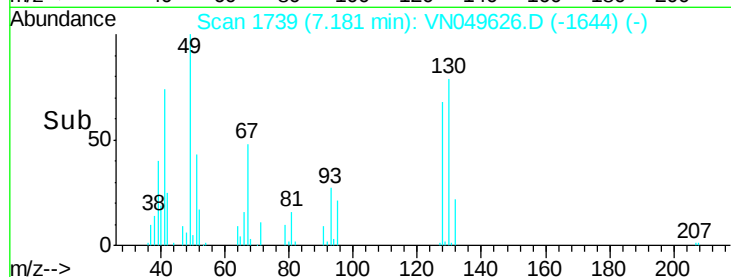
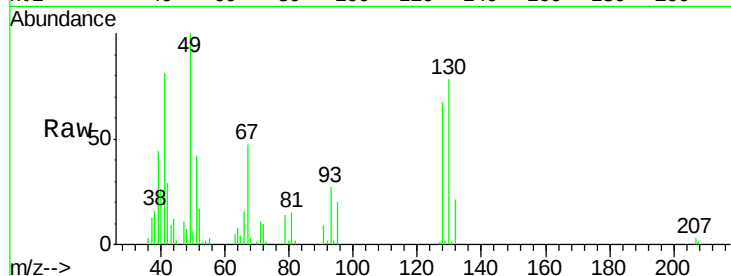
#41
Methacrylonitrile
Concen: 5.19 ug/l
RT: 7.18 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		37154		
39	53.9	45.4	68.2		
67	76.5	65.4	98.0		
52	29.3	24.7	37.1		

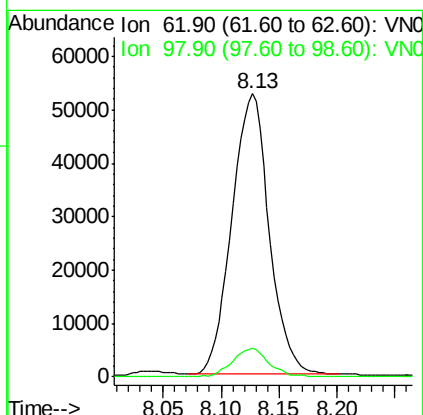
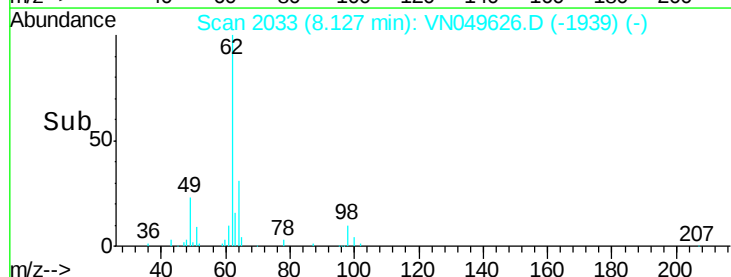
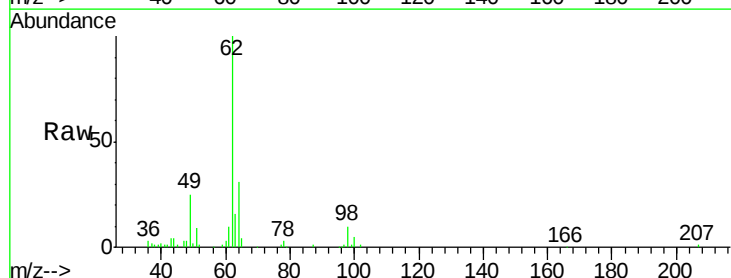
Manual Integrations
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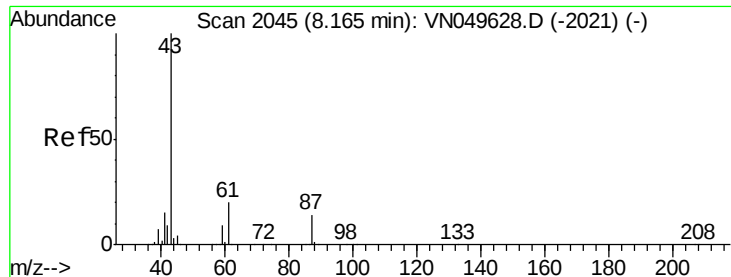
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#42
1,2-Dichloroethane
Concen: 5.23 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		117103		
98	9.9	0.0	19.0		





#43

Isopropyl Acetate

Concen: 5.22 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

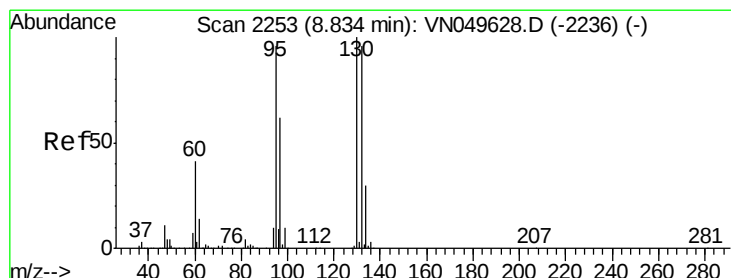
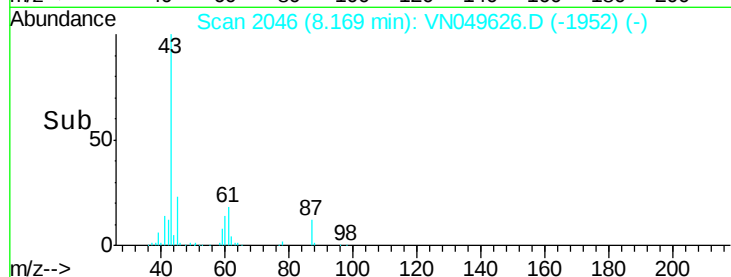
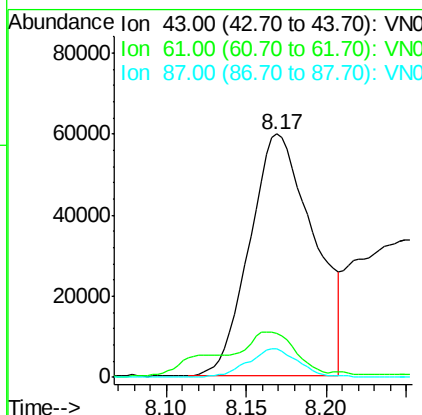
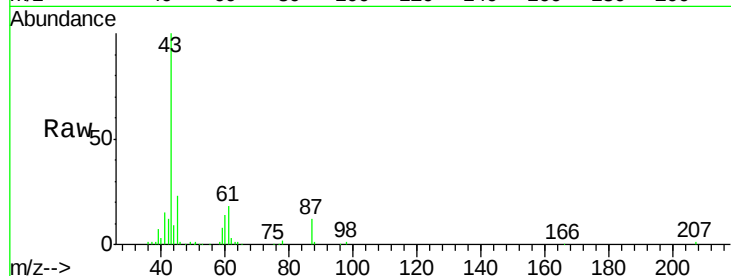
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	165394
Ion	Ratio	Lower	Upper
43	100		
61	12.3	14.9	22.3#
87	9.3	10.0	15.0#

Manual Integrations
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#44

Trichloroethene

Concen: 5.31 ug/l

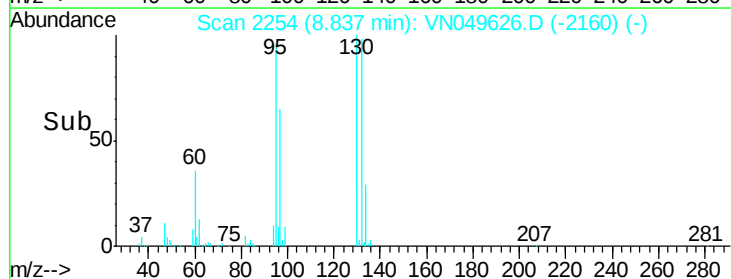
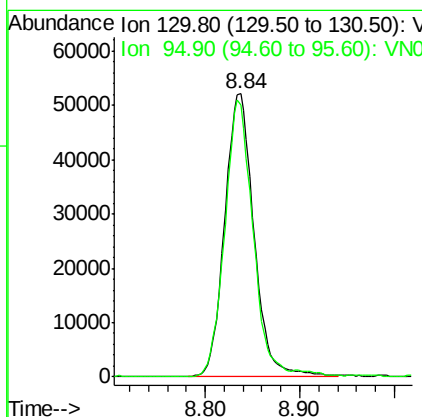
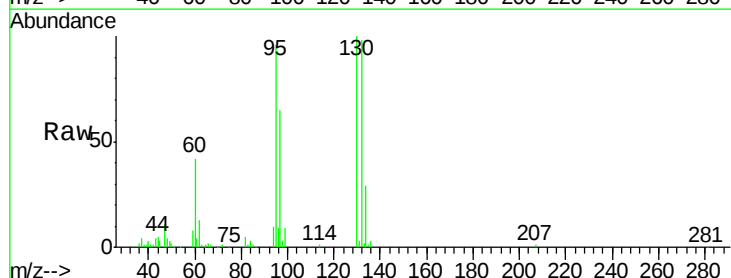
RT: 8.84 min Scan# 2254

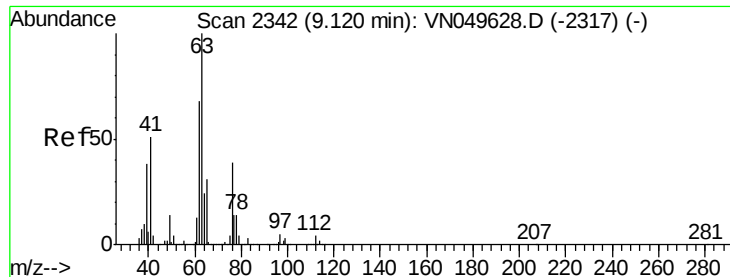
Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Tgt Ion:	130	Resp:	112397
Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	192.8





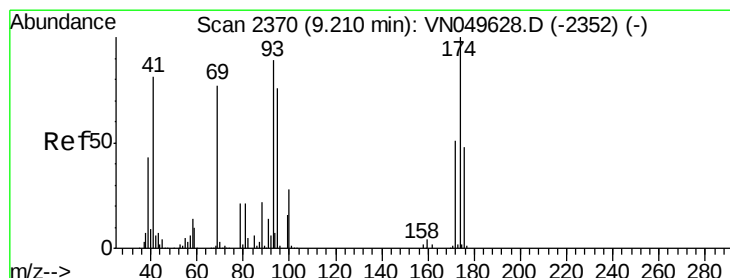
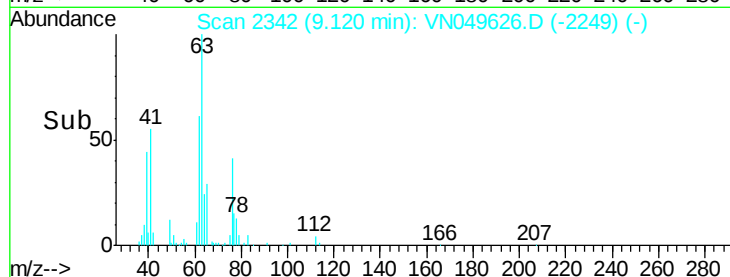
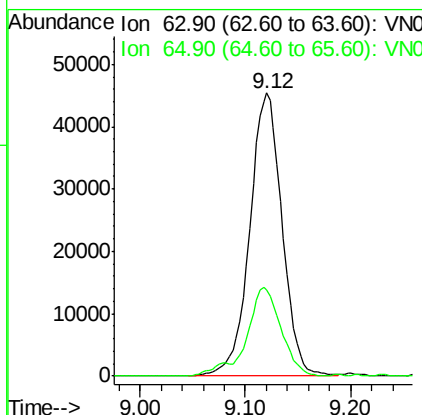
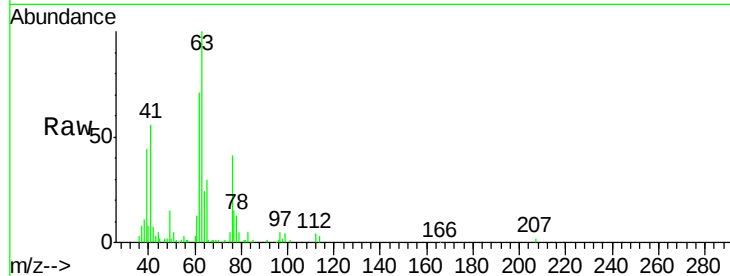
#45
 1,2-Dichloropropane
 Concen: 5.35 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion: 63 Resp: 96975
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1

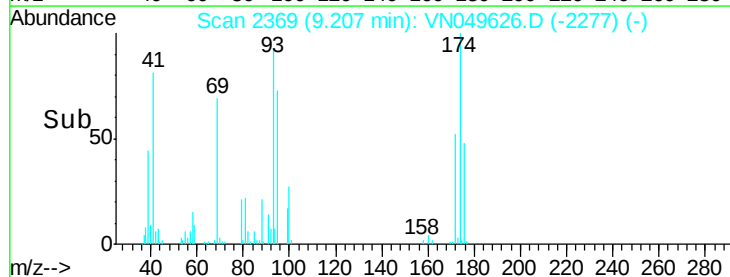
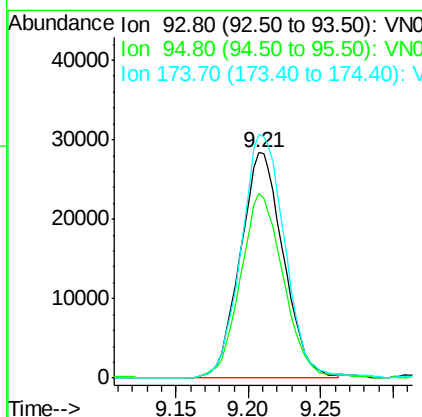
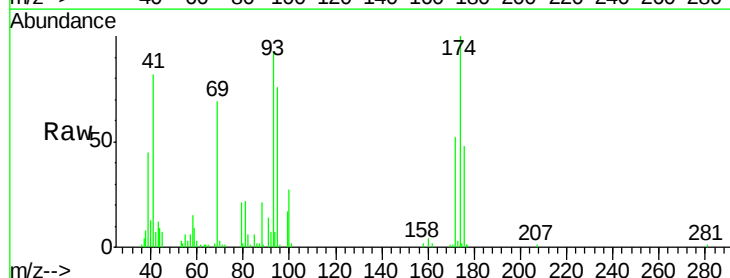
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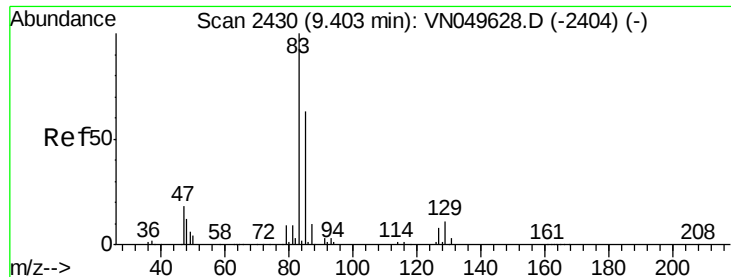
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#46
 Dibromomethane
 Concen: 5.35 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion: 93 Resp: 58766
 Ion Ratio Lower Upper
 93 100
 95 81.6 67.9 101.9
 174 108.7 89.4 134.0





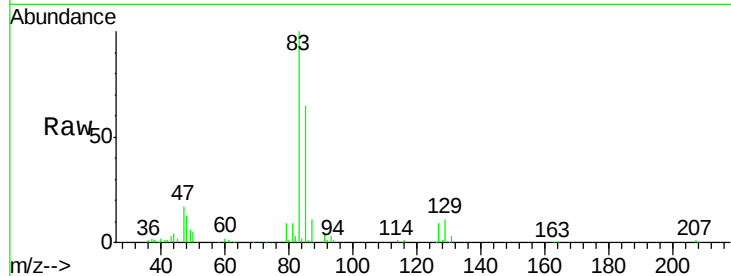
#47
Bromodichloromethane
Concen: 5.18 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

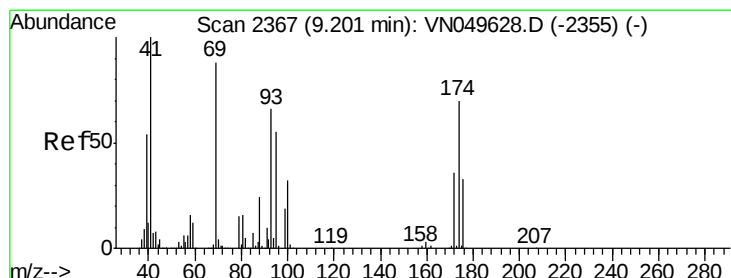
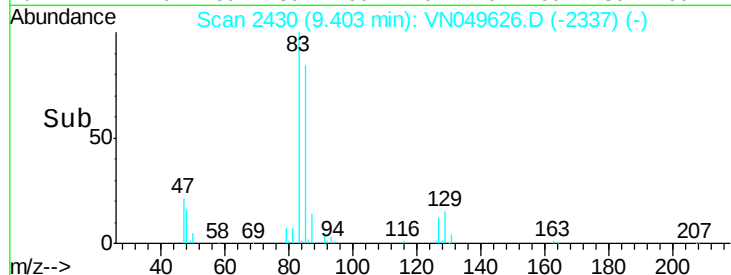
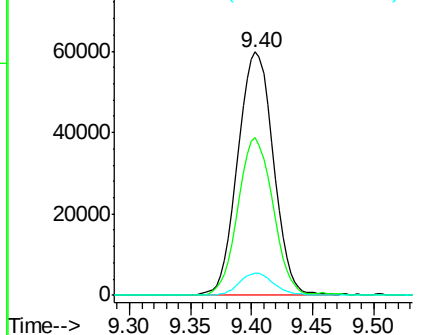
Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	64.6	50.5	75.7	
127	9.3	6.8	10.2	

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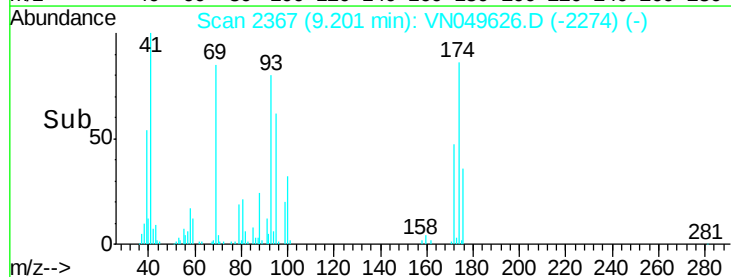
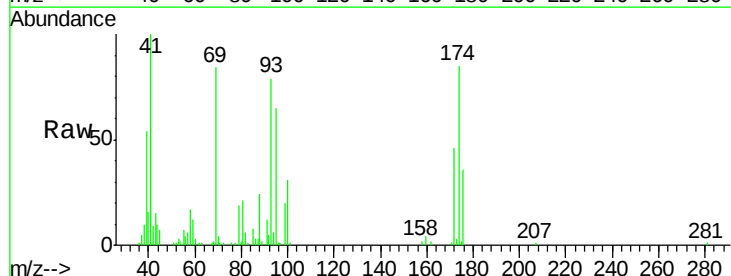
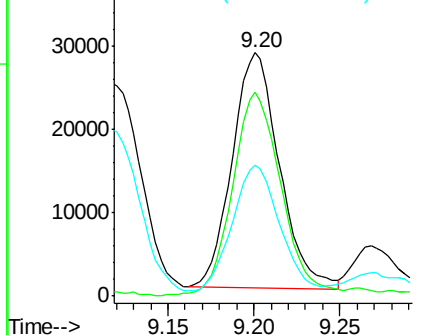
Abundance Ion 82.90 (82.60 to 83.60): VN049626.D (-2337) (-)
Ion 84.90 (84.60 to 85.60): VN049626.D (-2337) (-)
Ion 126.80 (126.50 to 127.50): VN049626.D (-2337) (-)

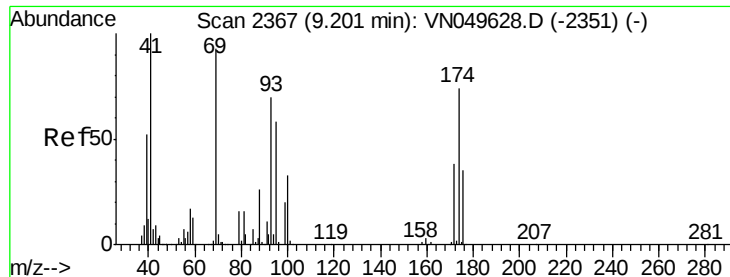


#48
Methyl methacrylate
Concen: 4.55 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	89.1	71.5	107.3	
39	54.6	44.7	67.1	

Abundance Ion 41.00 (40.70 to 41.70): VN049626.D (-2274) (-)
Ion 69.00 (68.70 to 69.70): VN049626.D (-2274) (-)
Ion 39.00 (38.70 to 39.70): VN049626.D (-2274) (-)





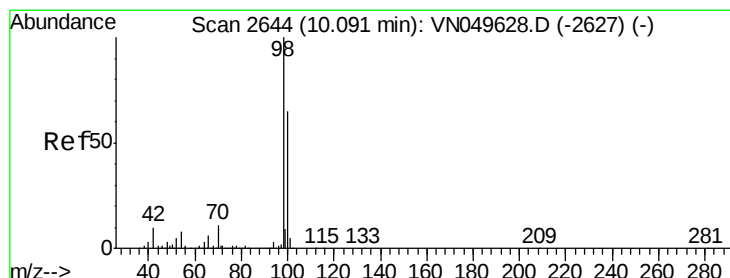
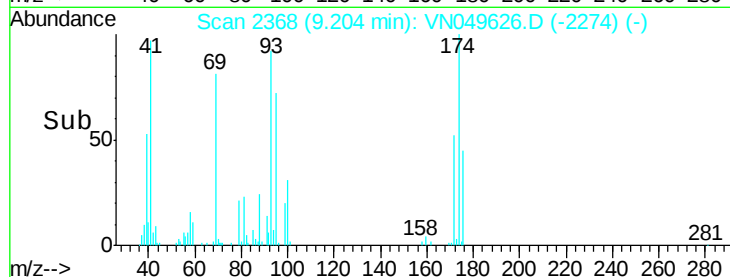
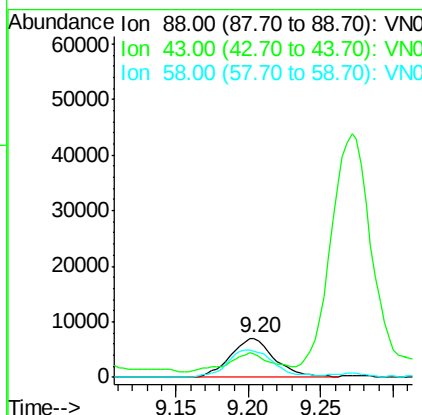
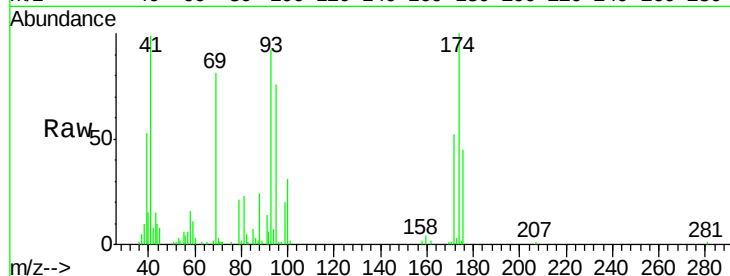
#49
1,4-Dioxane
Concen: 92.67 ug/l
RT: 9.20 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	88	Resp	14848
Ion Ratio	Lower	Upper	
88	100		
43	47.3	25.1	37.7#
58	73.9	52.5	78.7

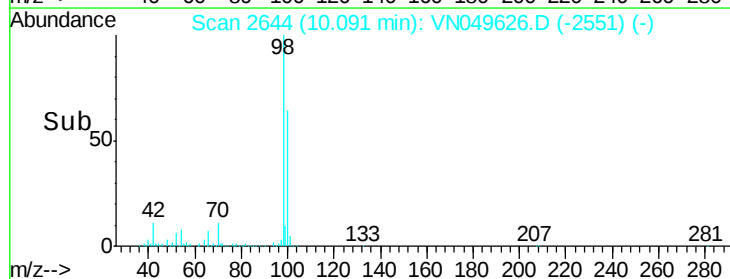
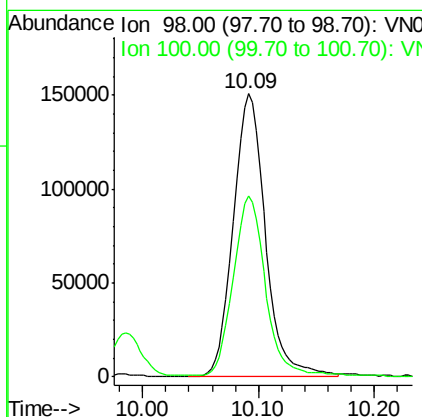
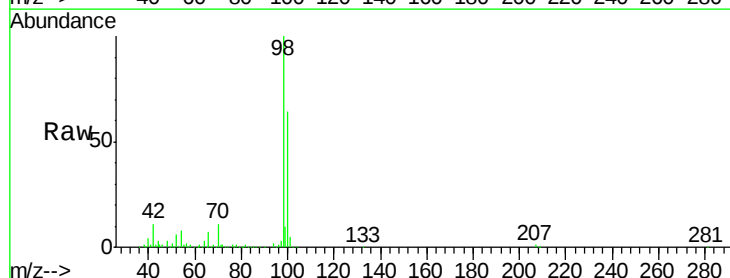
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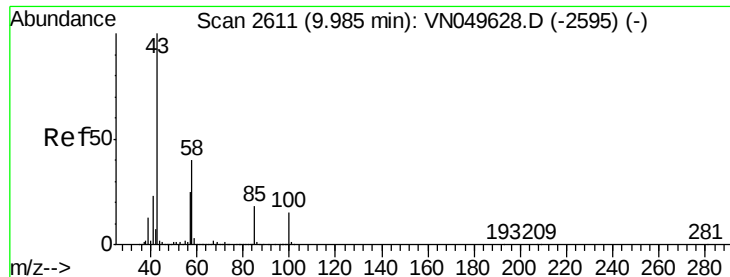
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#50
Toluene-d8
Concen: 4.84 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion	98	Resp	289720
Ion Ratio	Lower	Upper	
98	100		
100	63.3	51.7	77.5





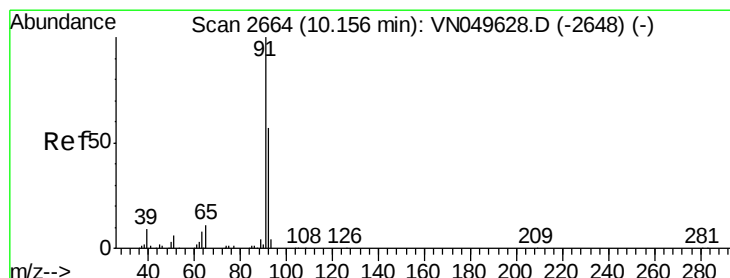
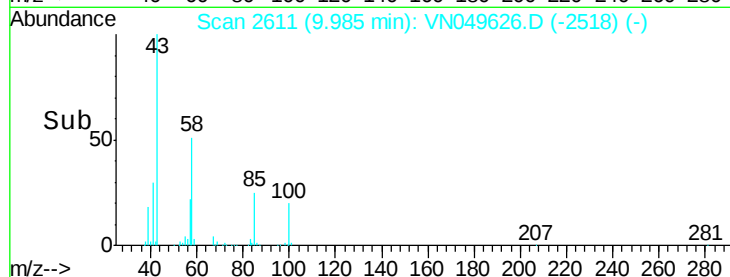
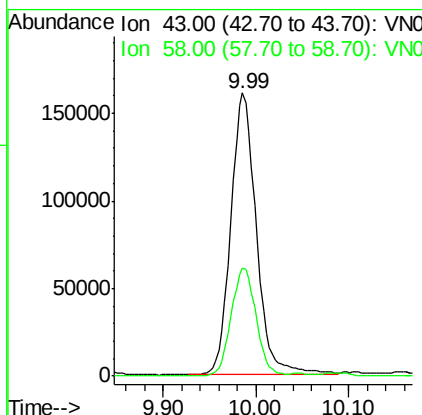
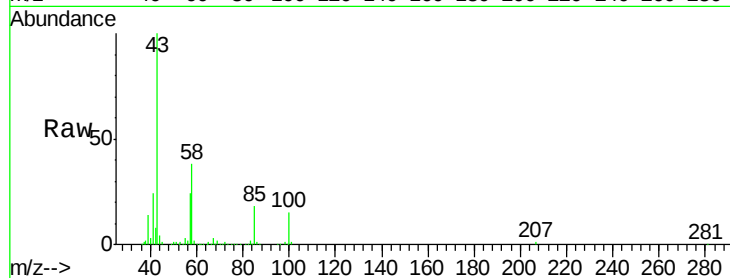
#51
4-Methyl-2-Pentanone
Concen: 23.45 ug/l
RT: 9.99 min Scan# 2611
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	43	Resp	308407
Ion	Ratio	Lower	Upper
43	100		
58	37.4	31.8	47.8

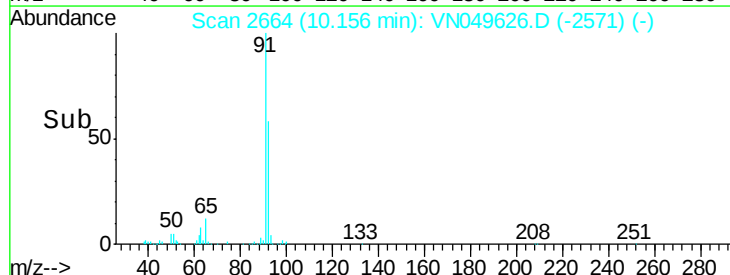
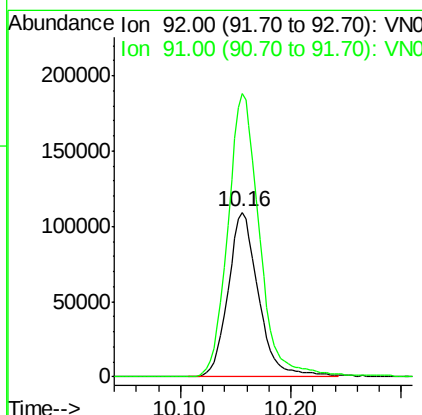
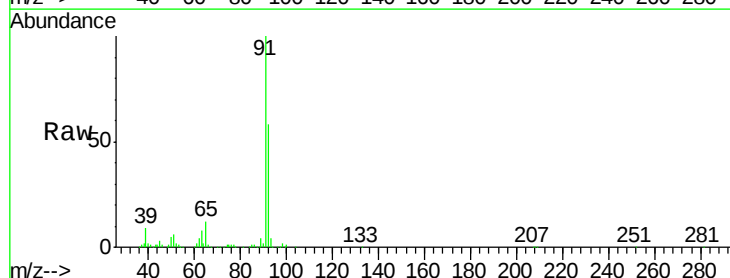
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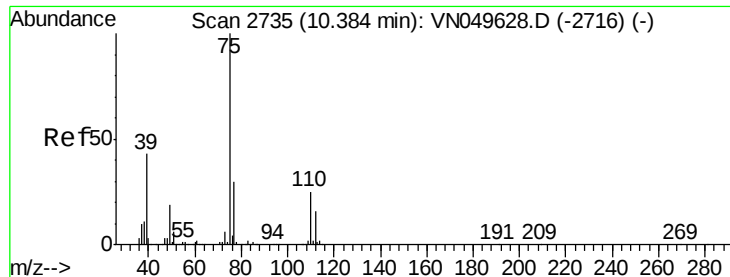
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#52
Toluene
Concen: 4.93 ug/l
RT: 10.16 min Scan# 2664
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion	92	Resp	209150
Ion	Ratio	Lower	Upper
92	100		
91	178.3	140.1	210.1





#53

t-1,3-Dichloropropene

Concen: 4.64 ug/l

RT: 10.38 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 103793

Ion Ratio Lower Upper

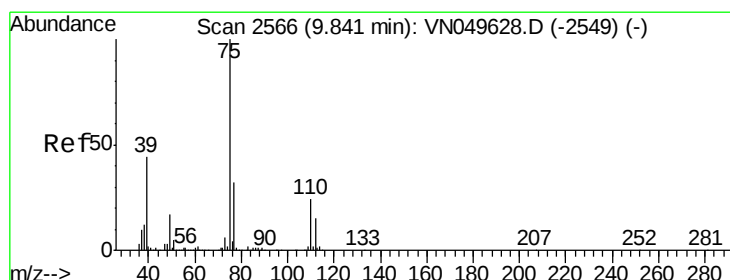
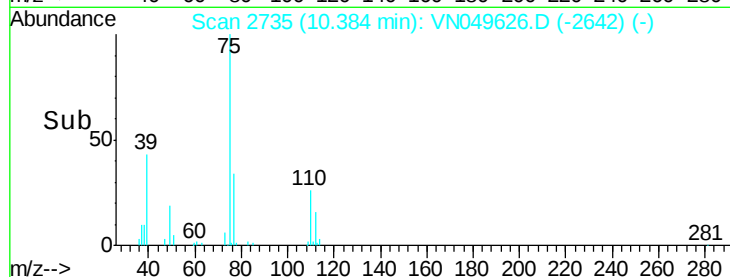
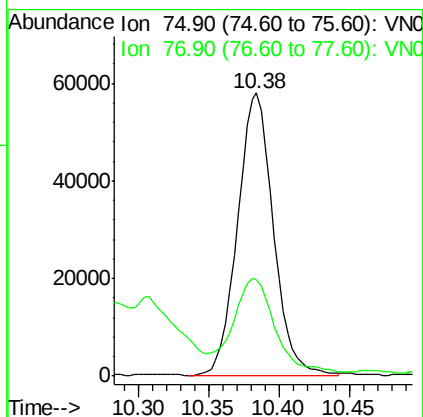
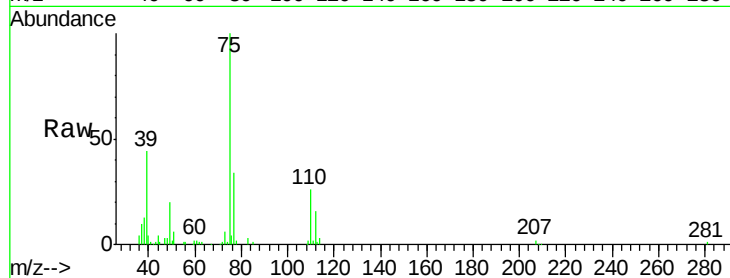
75 100

77 32.4 25.2 37.8

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 4.71 ug/l

RT: 9.84 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

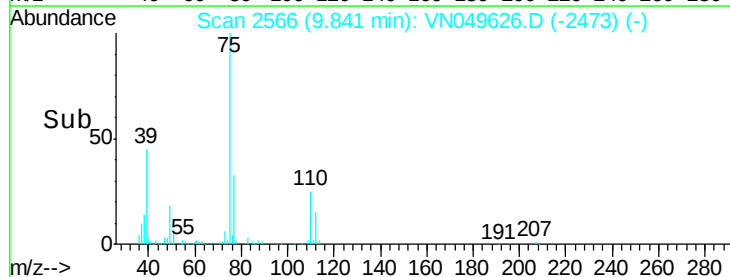
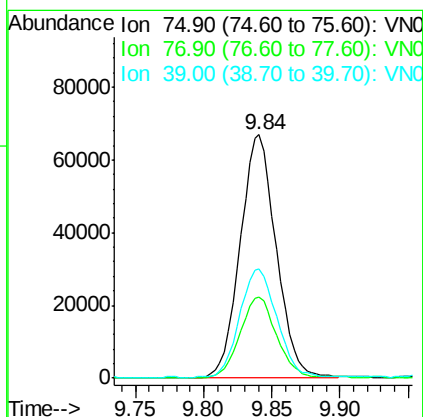
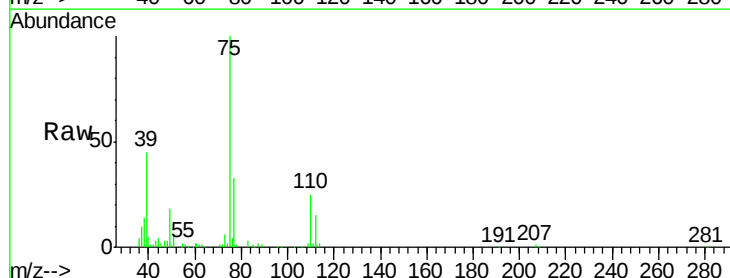
Tgt Ion: 75 Resp: 123040

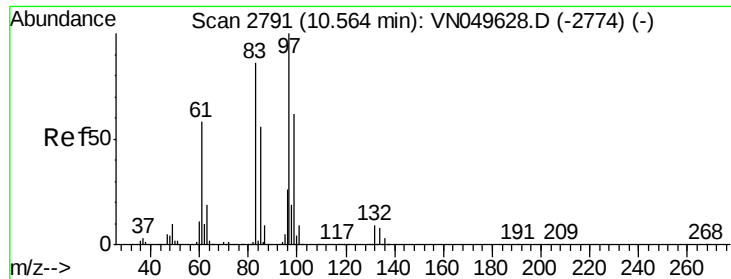
Ion Ratio Lower Upper

75 100

77 33.5 25.3 37.9

39 44.3 35.5 53.3





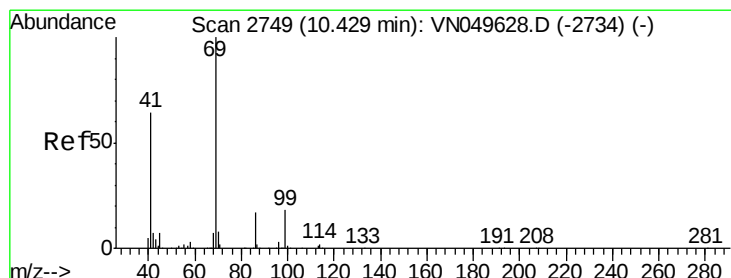
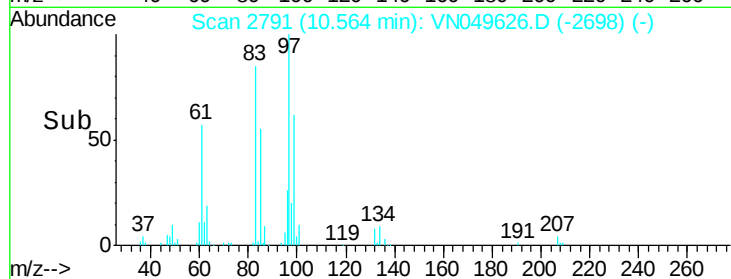
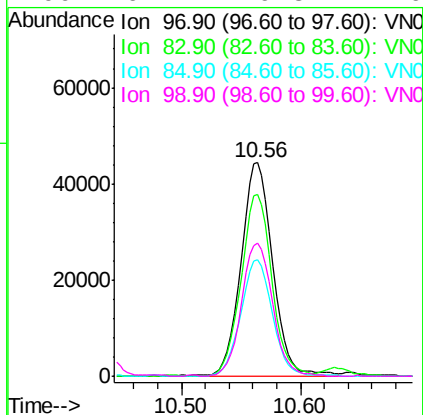
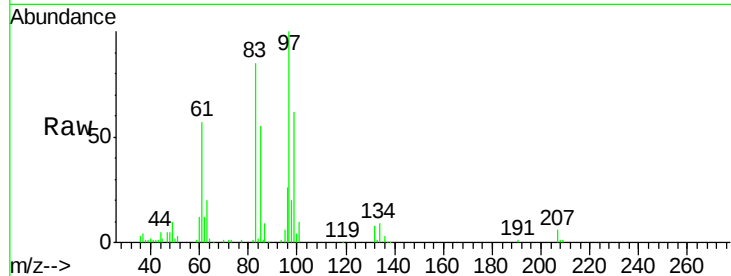
#55
 1,1,2-Trichloroethane
 Concen: 5.19 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	82024
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.0	103.6
85	54.7	44.9	67.3
99	62.1	49.8	74.6

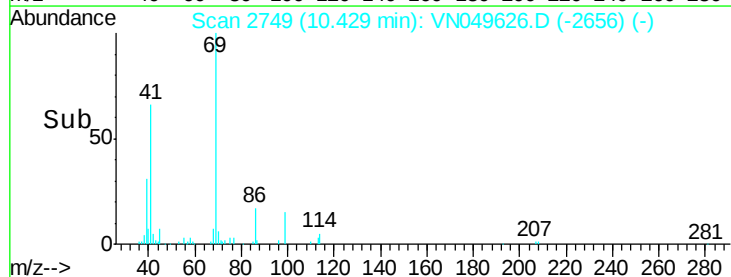
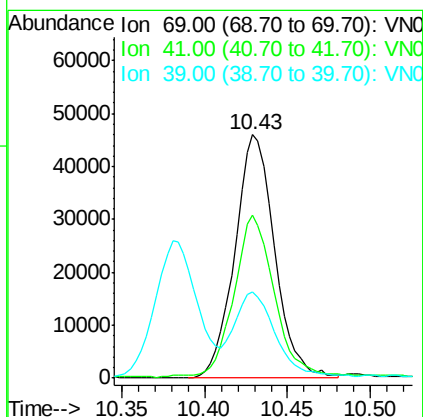
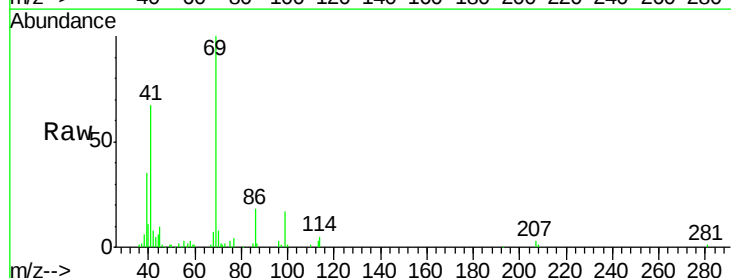
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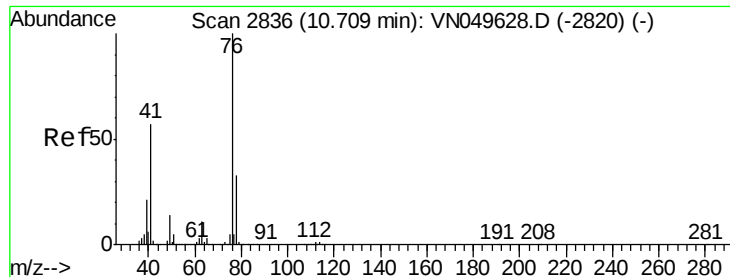
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#56
 Ethyl methacrylate
 Concen: 4.17 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion:	69	Resp:	77203
Ion	Ratio	Lower	Upper
69	100		
41	68.0	51.6	77.4
39	35.2	25.8	38.8





#57

1,3-Dichloropropane

Concen: 5.12 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 76 Resp: 131016

Ion Ratio Lower Upper

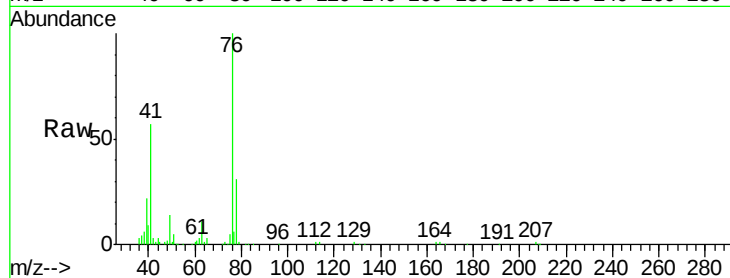
76 100

78 32.2 25.8 38.8

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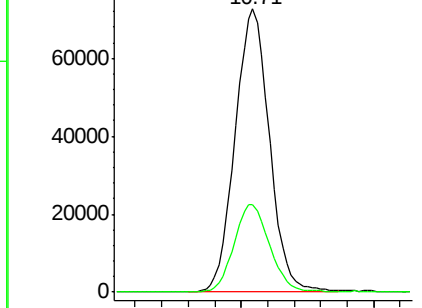
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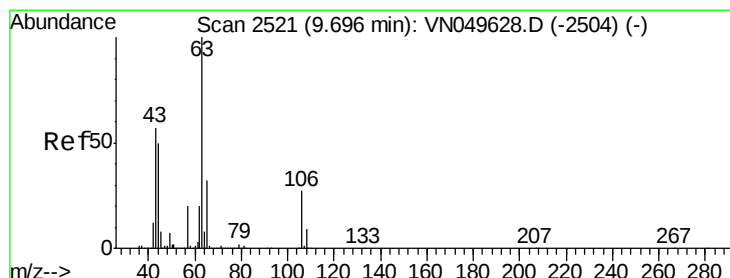
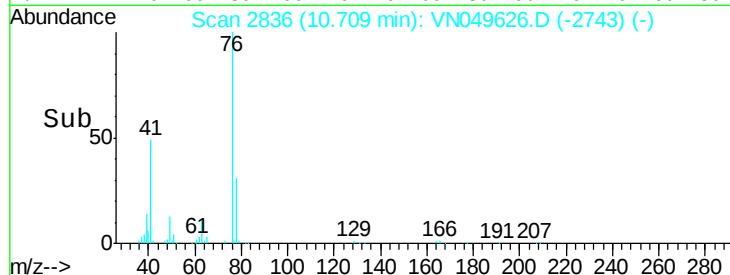


Abundance Ion 75.90 (75.60 to 76.60): VN049628.D (-2820) (-)

Ion 77.90 (77.60 to 78.60): VN049628.D (-2820) (-)



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 20.58 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. 0.00 min

Lab File: VN049626.D

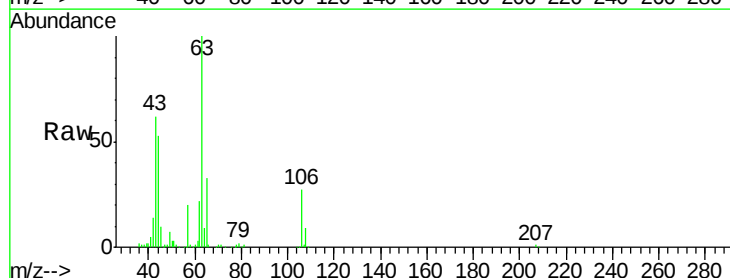
Acq: 29 Jun 2018 11:19

Tgt Ion: 63 Resp: 177370

Ion Ratio Lower Upper

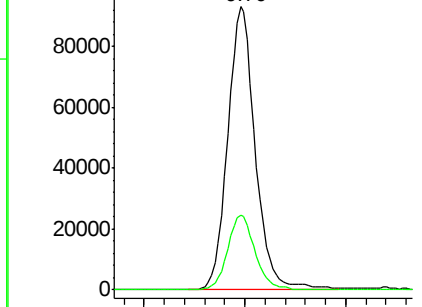
63 100

106 26.3 21.8 32.8

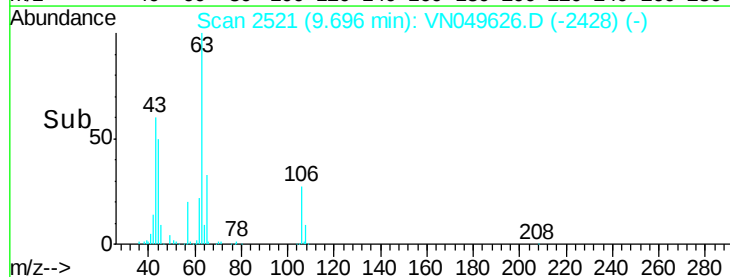


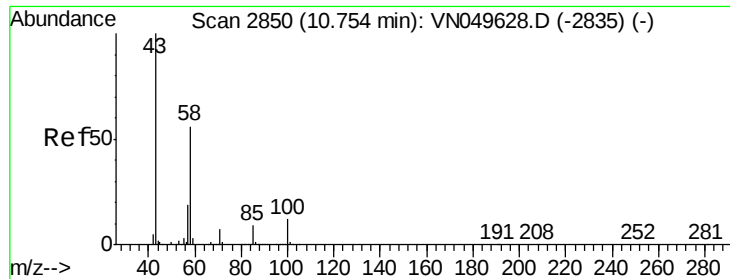
Abundance Ion 62.90 (62.60 to 63.60): VN049628.D (-2504) (-)

Ion 105.90 (105.60 to 106.60): VN049628.D (-2504) (-)



Time-->





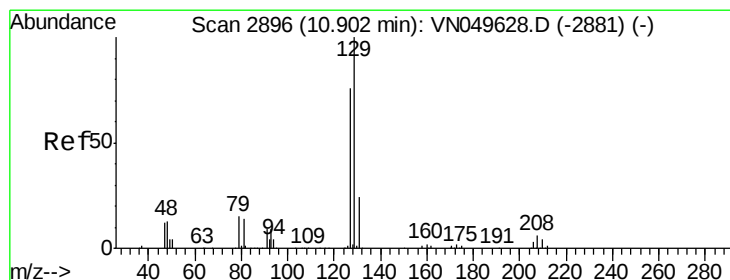
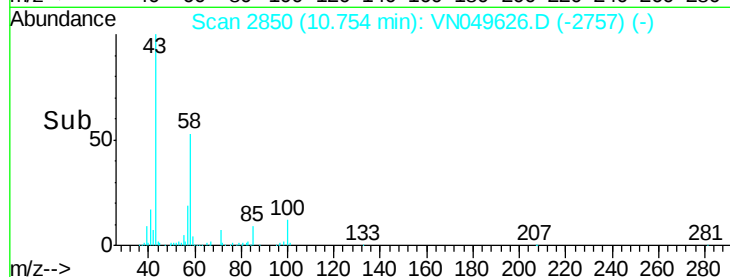
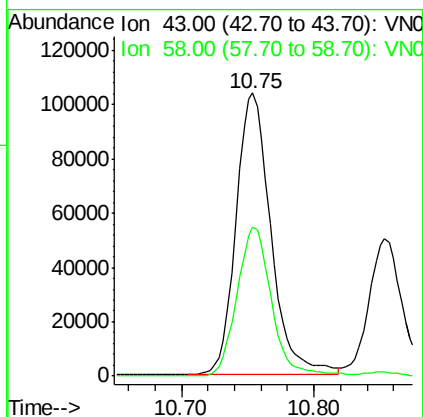
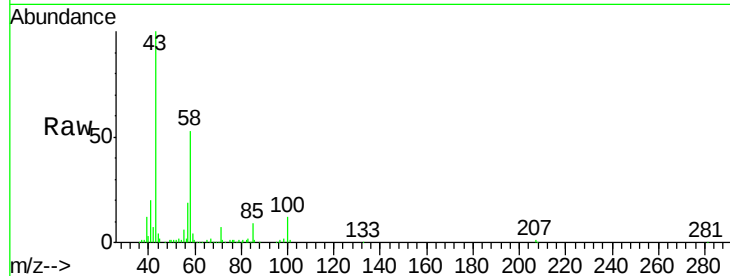
#59
2-Hexanone
Concen: 21.87 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 190163
Ion Ratio Lower Upper
43 100
58 52.3 27.8 83.4

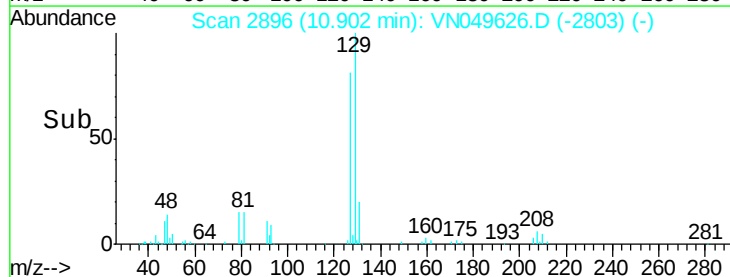
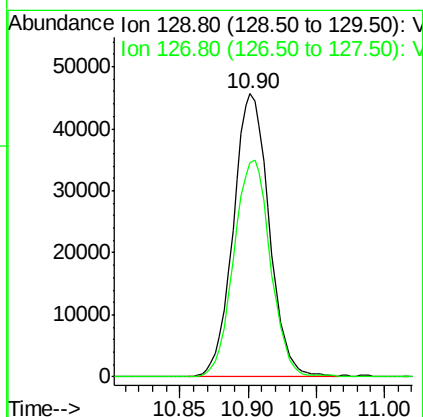
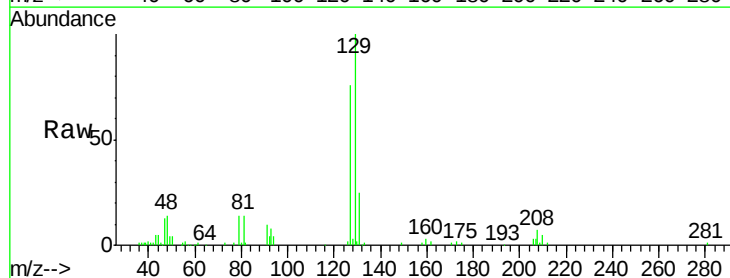
Manual Integrations
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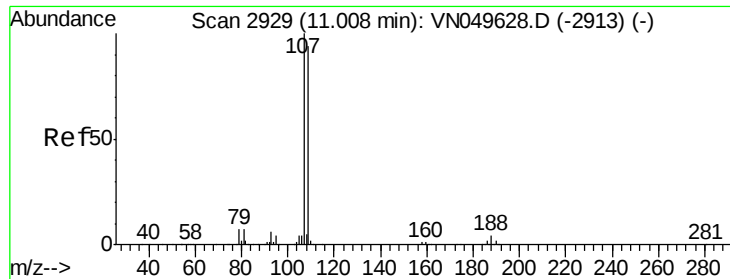
apatel
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#60
Dibromochloromethane
Concen: 4.88 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 129 Resp: 83217
Ion Ratio Lower Upper
129 100
127 78.5 38.3 114.9





#61

1,2-Dibromoethane

Concen: 4.91 ug/l

RT: 11.01 min Scan# 2929

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 74261

Ion Ratio Lower Upper

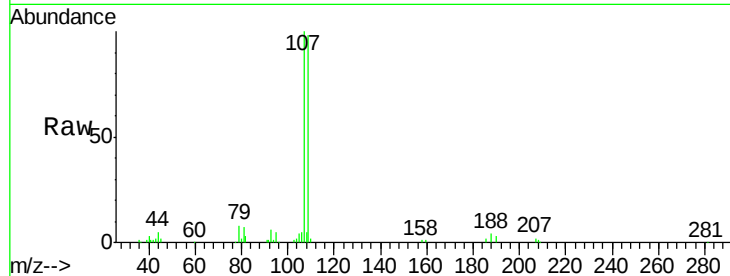
107 100

109 96.3 75.0 112.6

Manual Integrations
APPROVED

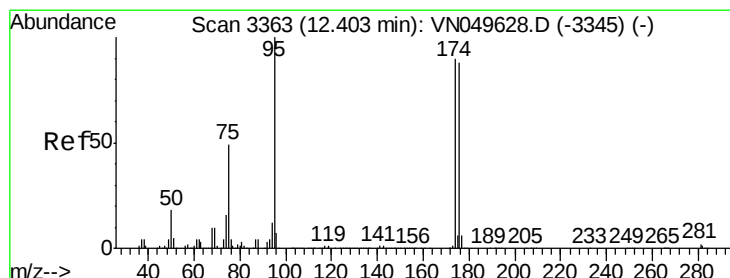
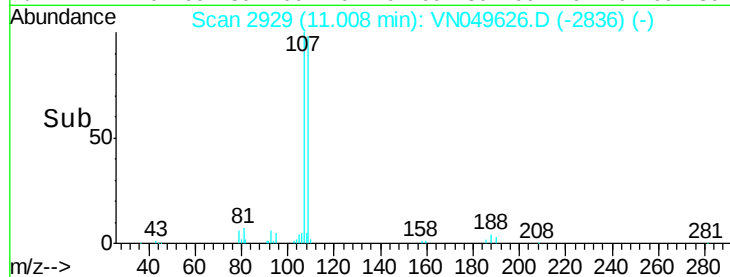
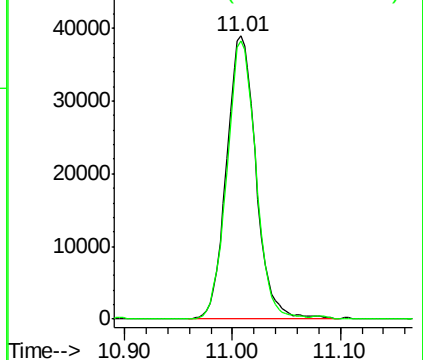
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 4.38 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

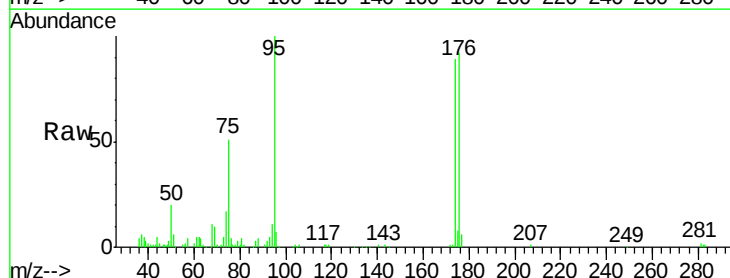
Tgt Ion: 95 Resp: 89426

Ion Ratio Lower Upper

95 100

174 90.5 0.0 179.6

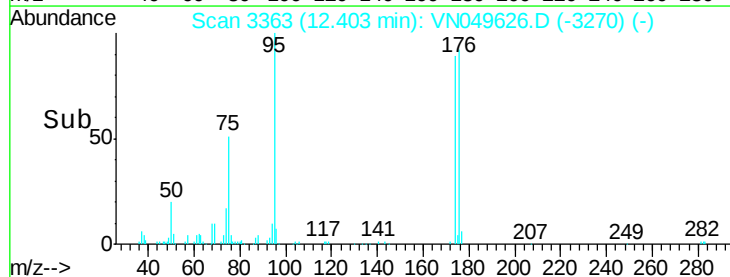
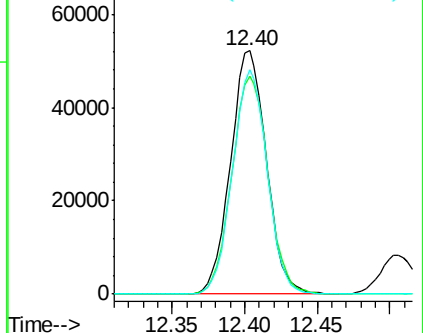
176 89.2 0.0 174.0

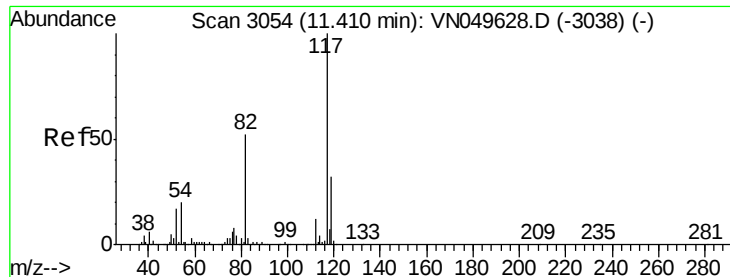


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





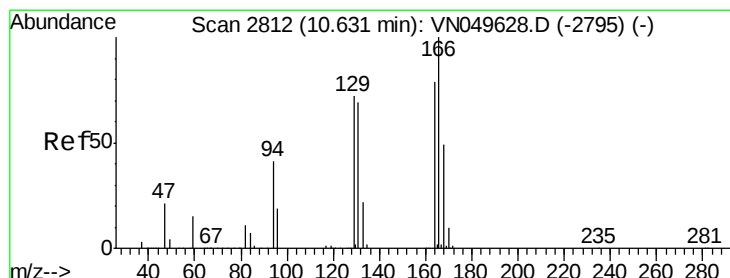
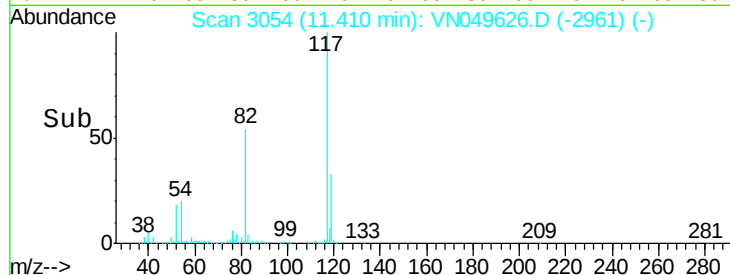
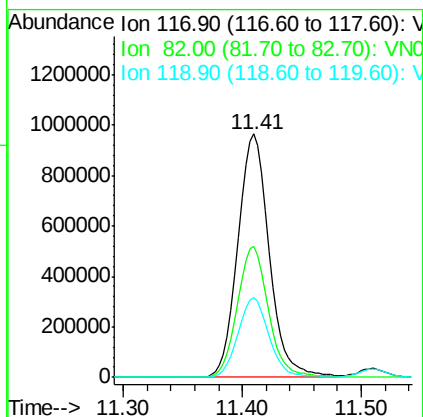
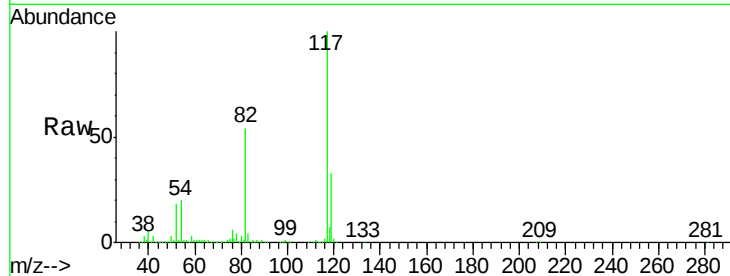
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion:117 Resp: 1765167
Ion Ratio Lower Upper
117 100
82 53.7 41.9 62.9
119 32.8 25.4 38.2

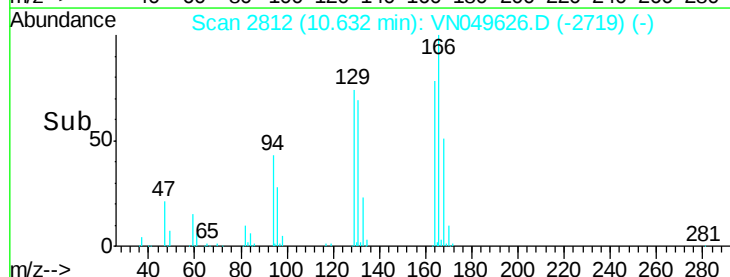
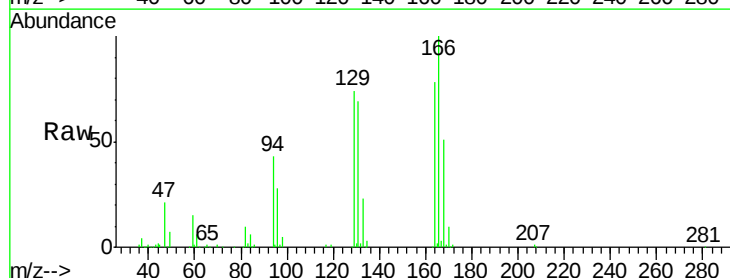
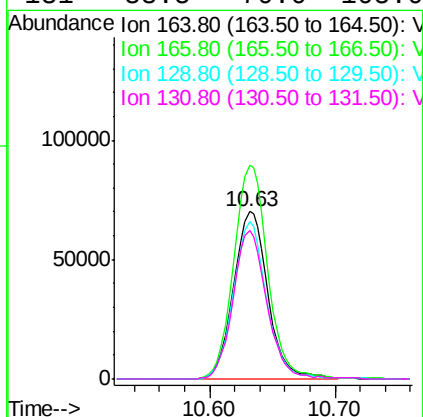
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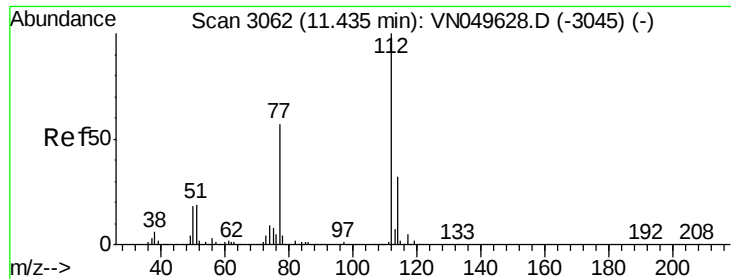
apatel
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#64
Tetrachloroethene
Concen: 5.58 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion:164 Resp: 133328
Ion Ratio Lower Upper
164 100
166 127.6 101.8 152.6
129 93.9 72.8 109.2
131 88.5 70.0 105.0





#65

Chlorobenzene

Concen: 5.19 ug/l

RT: 11.44 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion:112 Resp: 238920

Ion Ratio Lower Upper

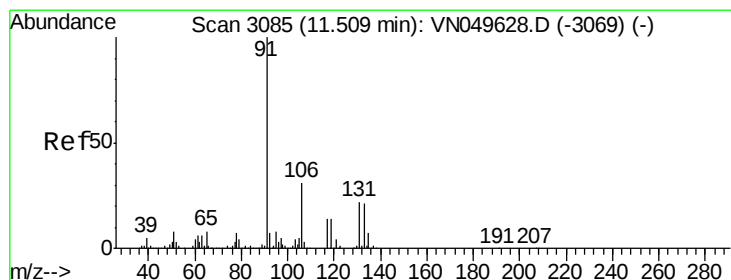
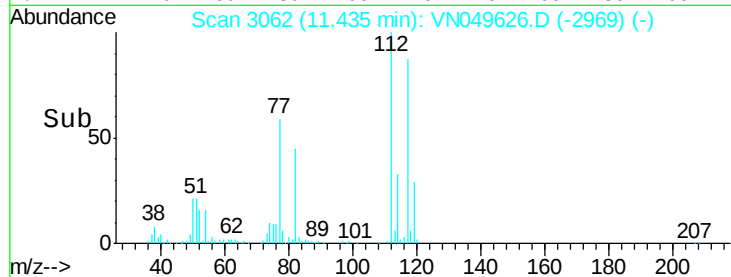
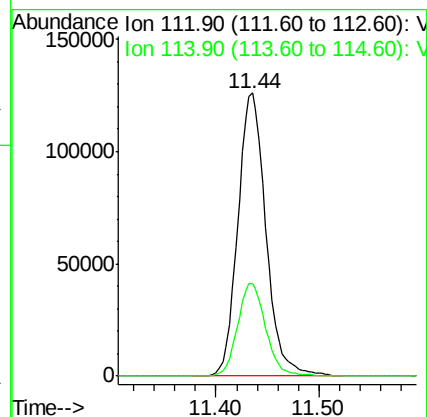
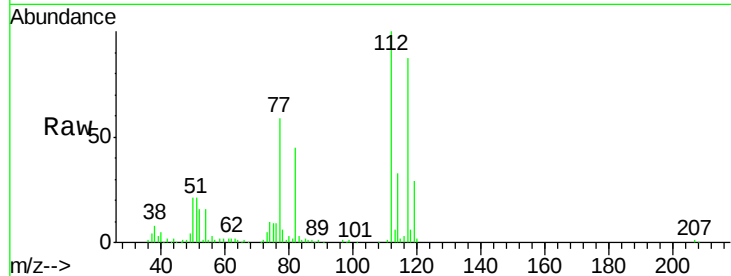
112 100

114 32.9 25.4 38.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 5.26 ug/l

RT: 11.51 min Scan# 3085

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

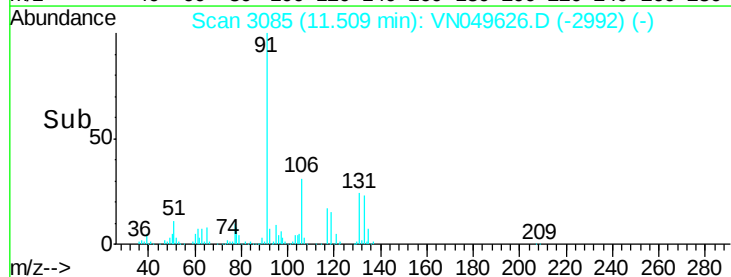
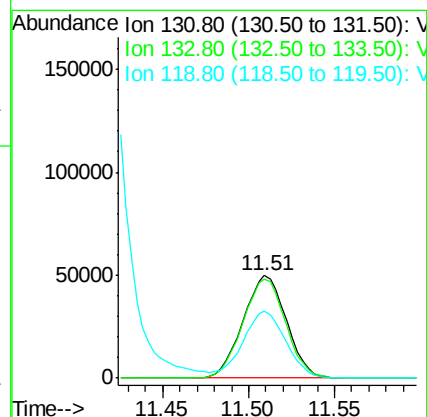
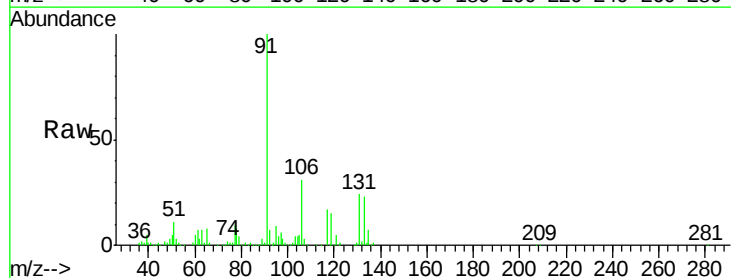
Tgt Ion:131 Resp: 87040

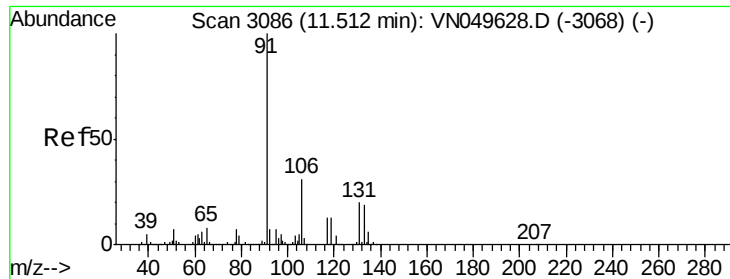
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.6

119 64.8 33.1 99.3





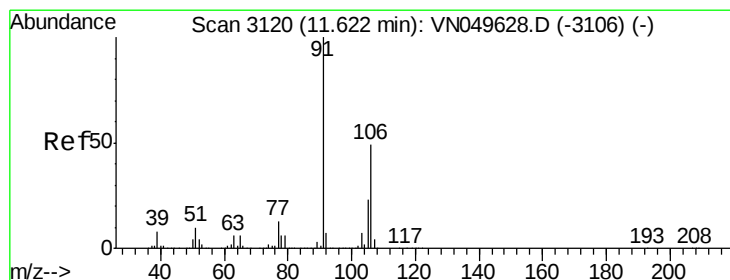
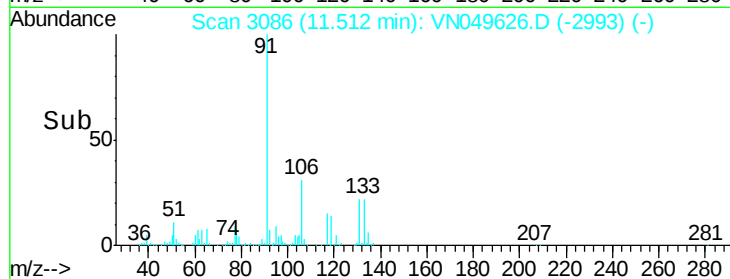
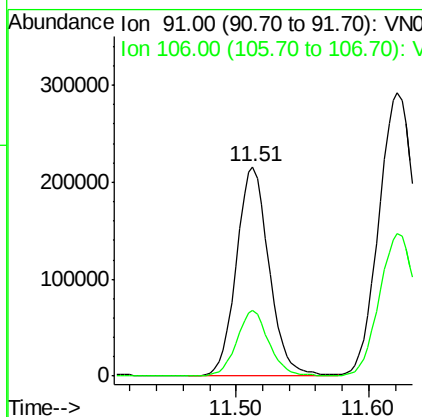
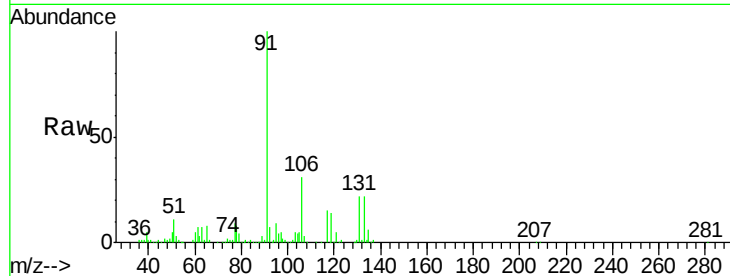
#67
Ethyl Benzene
Concen: 4.87 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 370761
Ion Ratio Lower Upper
91 100
106 31.5 24.8 37.2

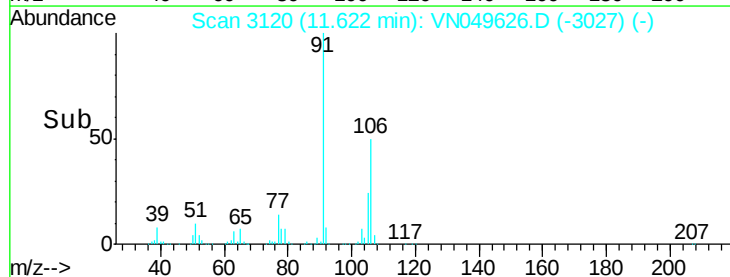
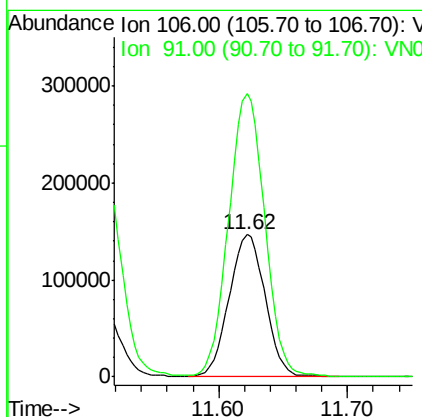
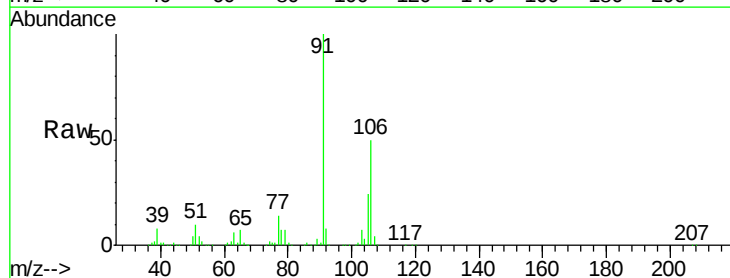
Manual Integrations
APPROVED

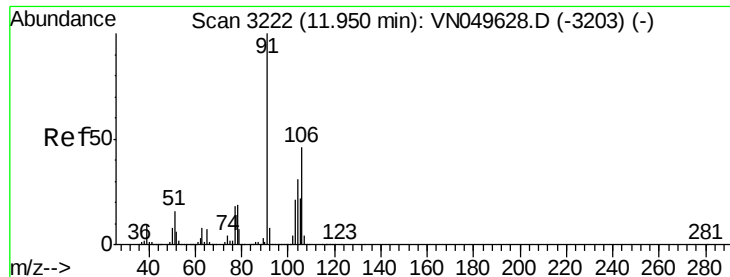
apatel
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#68
m/p-Xylenes
Concen: 9.69 ug/l
RT: 11.62 min Scan# 3120
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion: 106 Resp: 282756
Ion Ratio Lower Upper
106 100
91 201.6 163.4 245.2





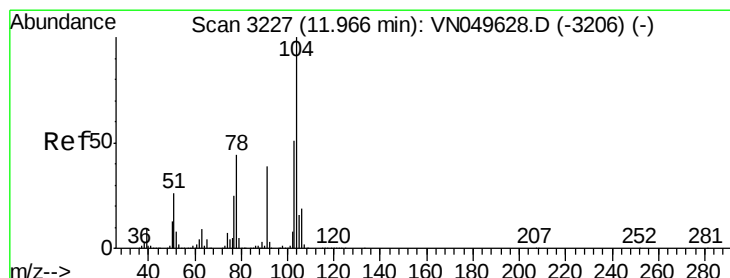
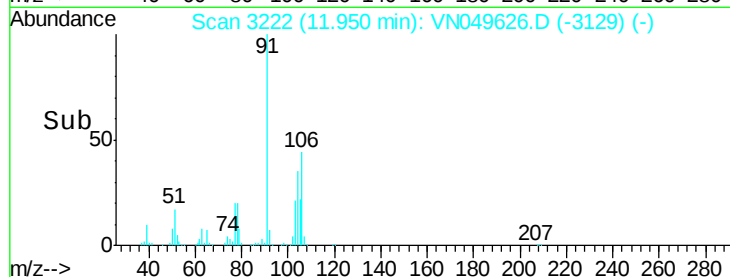
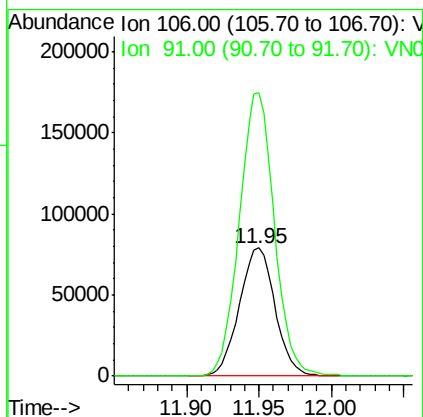
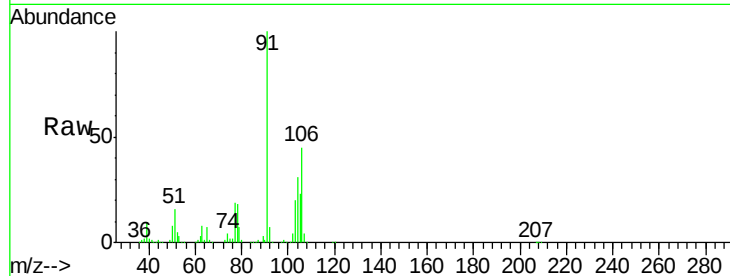
#69
o-Xylene
Concen: 4.87 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.1	108.7	326.1	

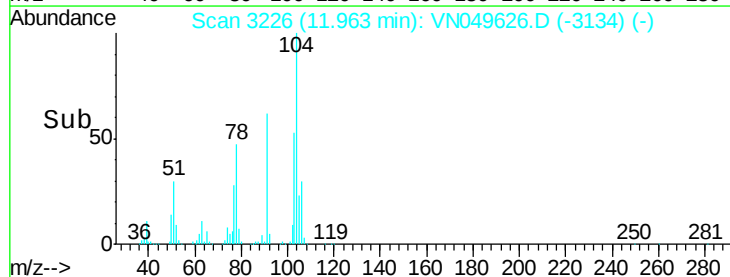
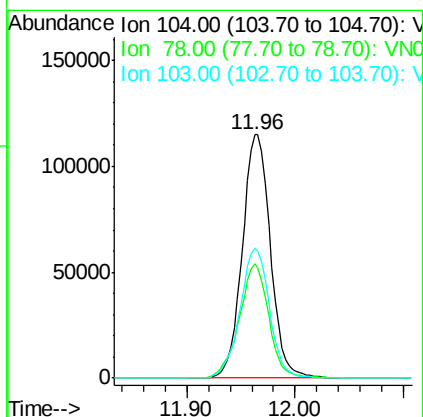
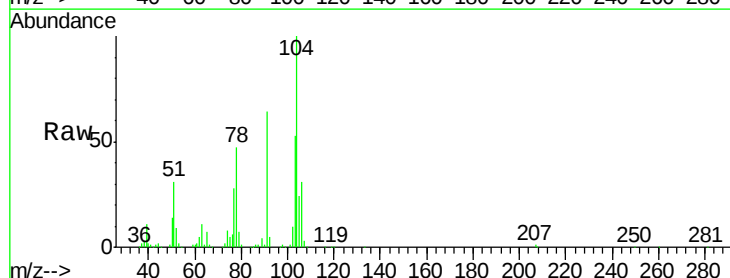
Manual Integrations
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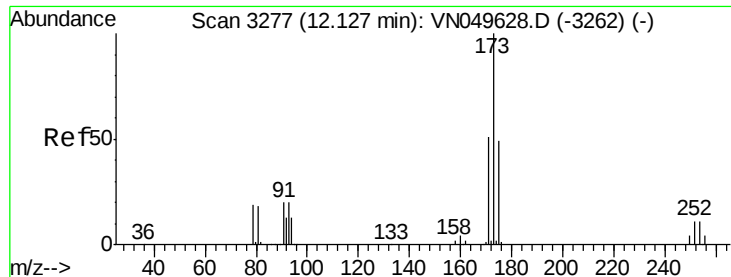
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#70
Styrene
Concen: 4.61 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.4	39.2	58.8	
103	56.2	44.6	67.0	





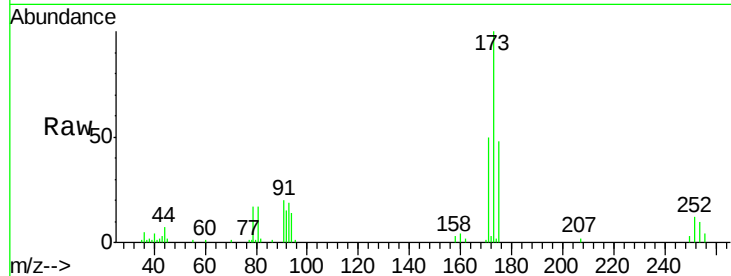
#71
Bromoform
Concen: 4.74 ug/l
RT: 12.13 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.6	73.8
254	0.0	0.2	0.2

Manual Integrations
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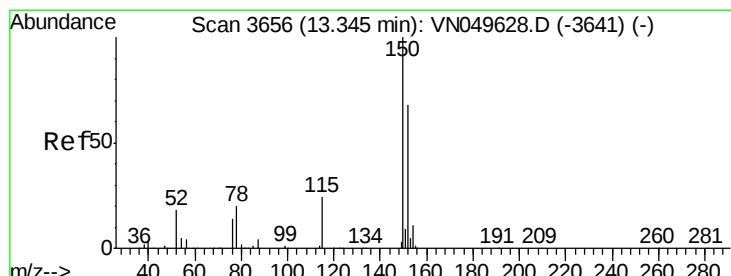
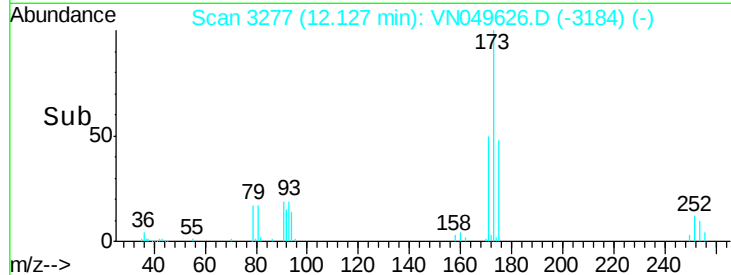
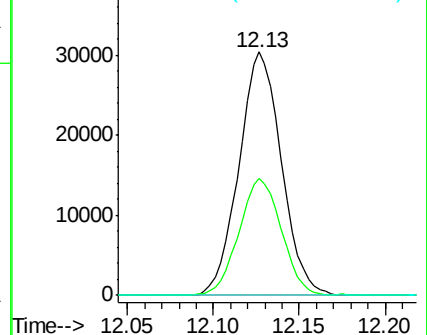


Abundance

Ion 172.70 (172.40 to 173.40): V

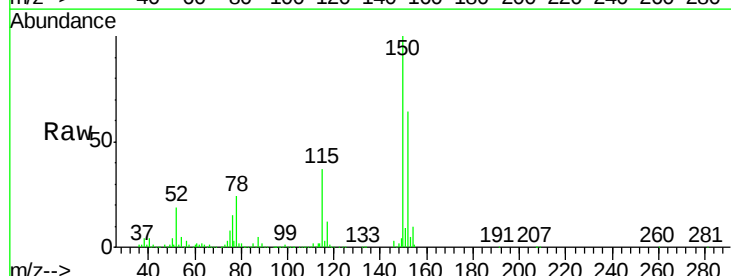
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.1	84.2
150	156.4	0.0	347.6

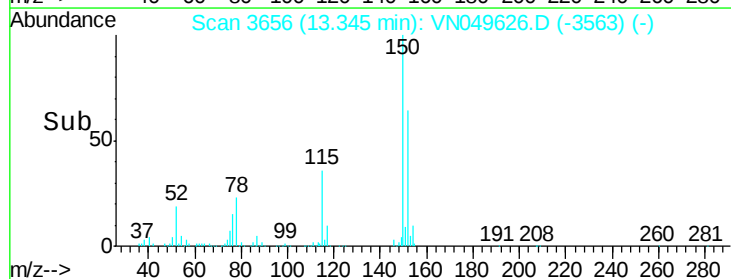
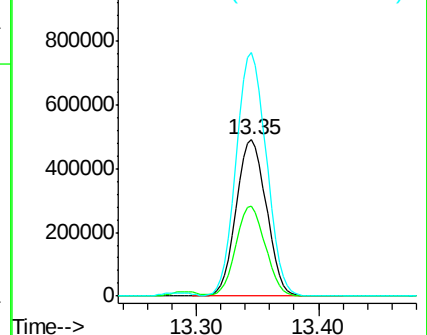


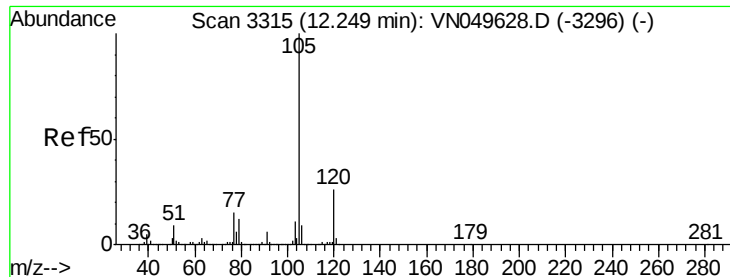
Abundance

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: 5.27 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 354507

Ion Ratio Lower Upper

105 100

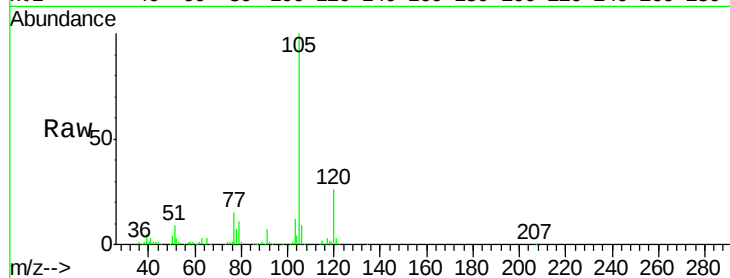
120 26.3 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

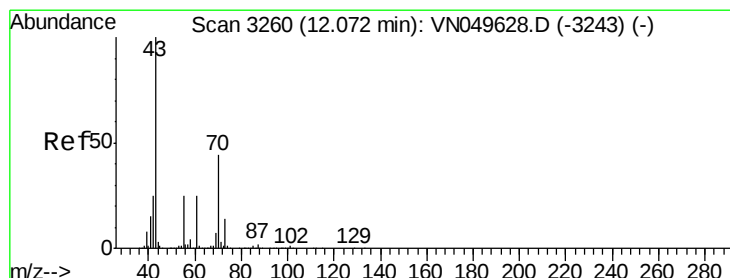
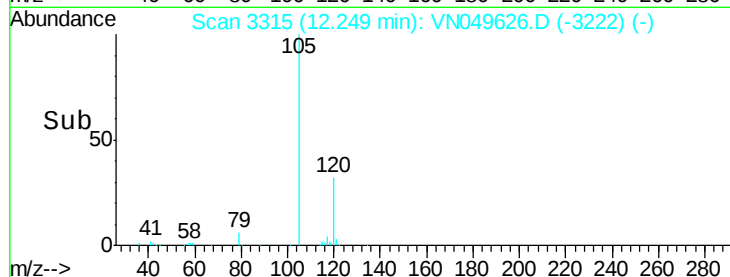
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 4.54 ug/l

RT: 12.07 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Tgt Ion: 43 Resp: 83371

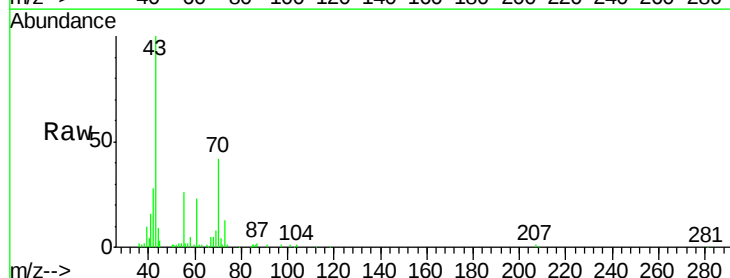
Ion Ratio Lower Upper

43 100

70 41.5 34.8 52.2

55 26.5 20.9 31.3

61 23.2 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

80000

60000

40000

20000

0

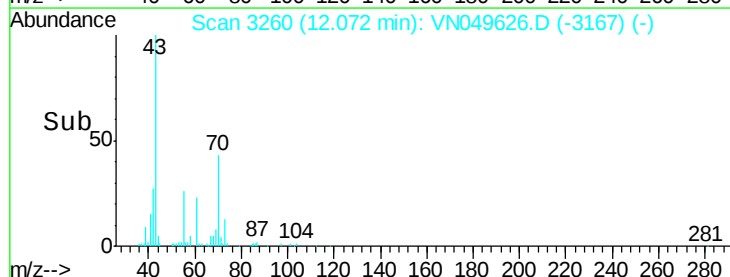
12.00

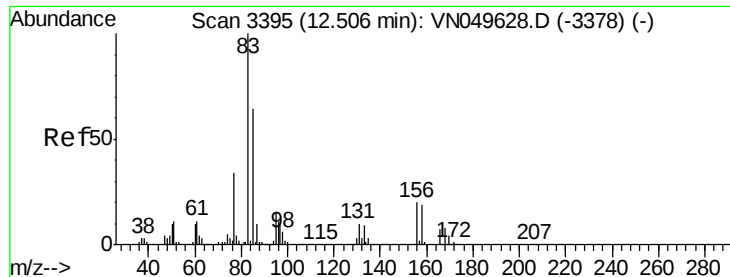
12.05

12.10

12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.51 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

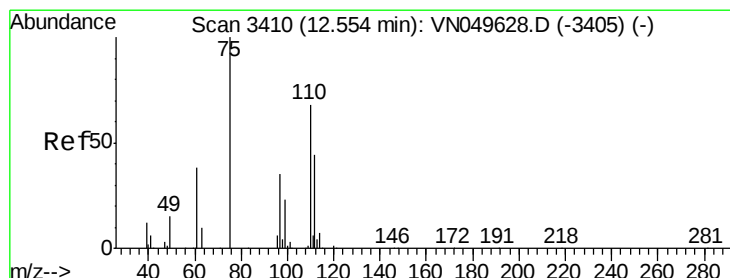
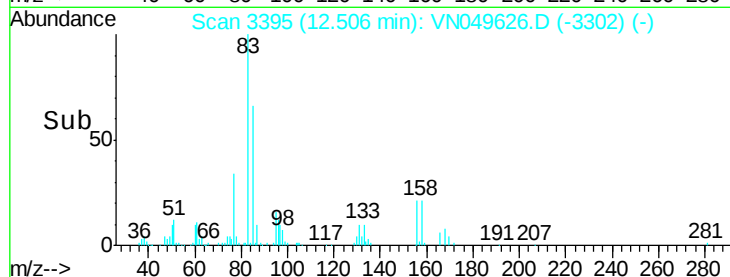
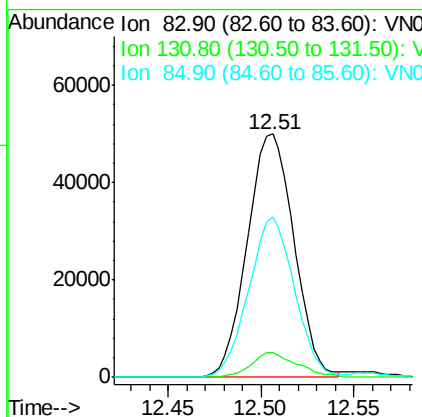
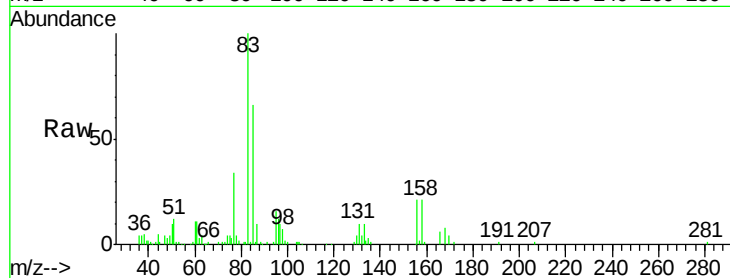
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	87459
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.2	15.6
85	64.4	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 4.96 ug/l m

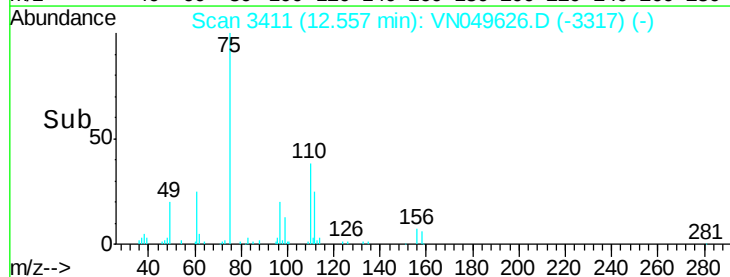
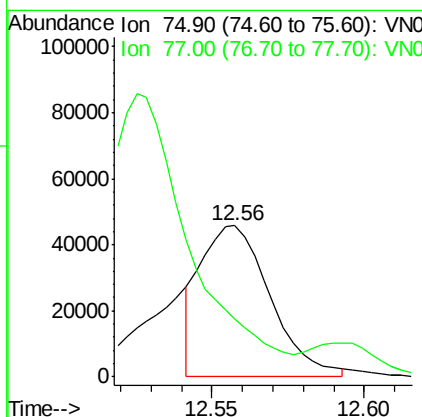
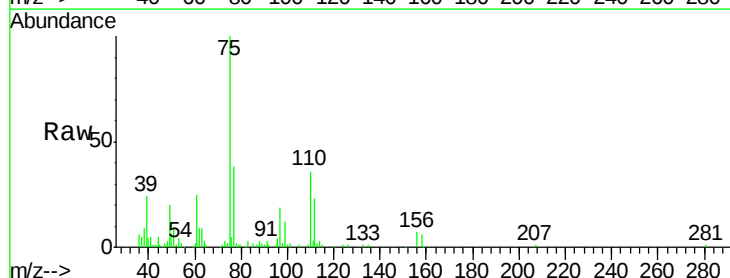
RT: 12.56 min Scan# 3411

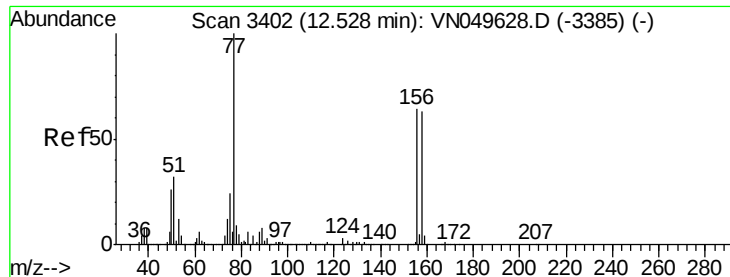
Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Tgt Ion:	75	Resp:	72732
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.20 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 95068

Ion Ratio Lower Upper

156 100

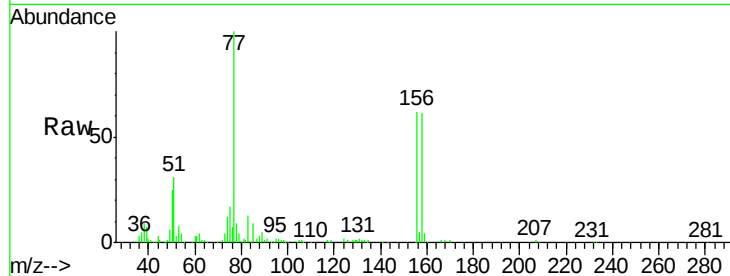
77 181.5 90.2 270.6

158 98.8 49.1 147.3

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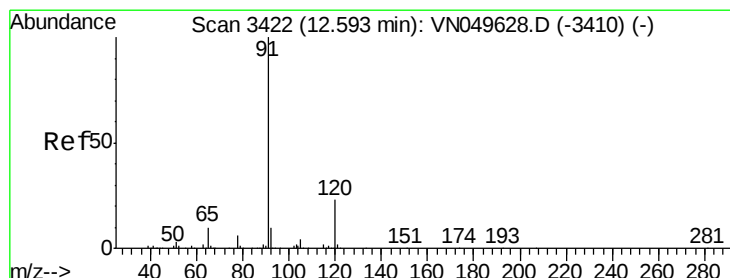
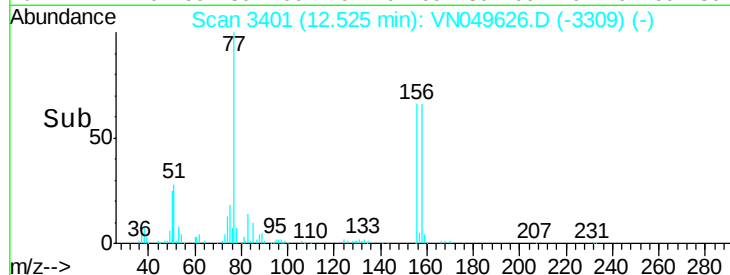
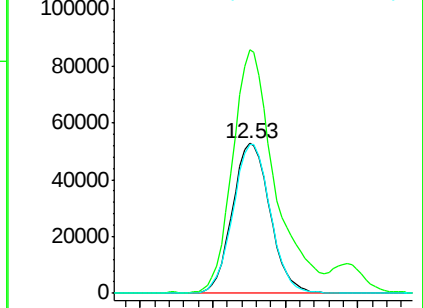
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.09 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN049626.D

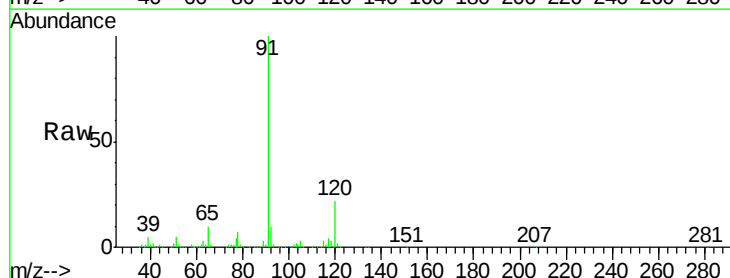
Acq: 29 Jun 2018 11:19

Tgt Ion: 91 Resp: 391894

Ion Ratio Lower Upper

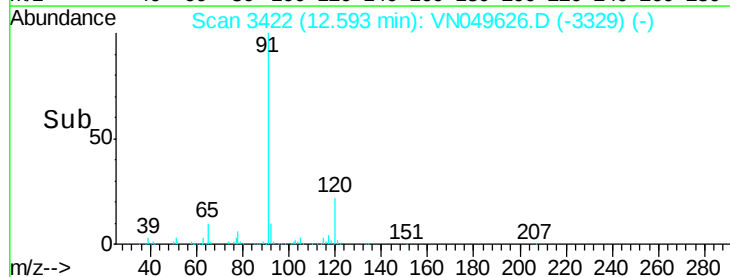
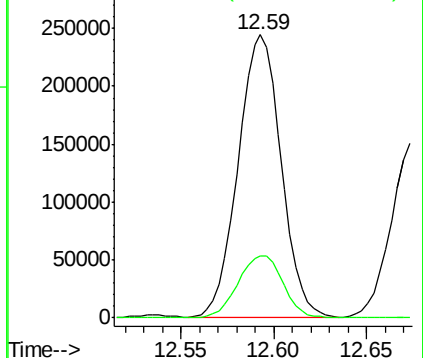
91 100

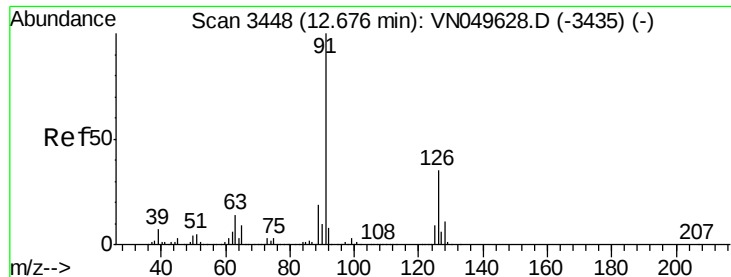
120 23.0 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 5.20 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampled :

VSTDIC005

Tot Ion: 91 Resp: 253494

Ion Ratio Lower Upper

91 100

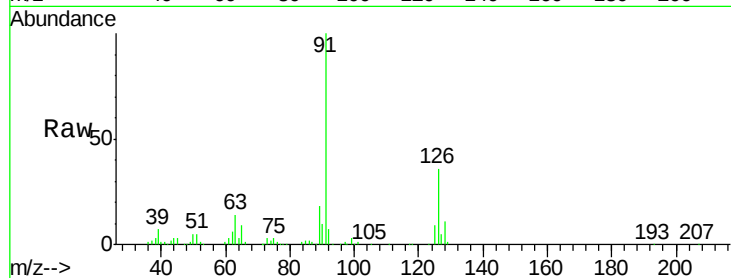
126 35.9 17.5 52.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN049628.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN049628.D (-3435) (-)

200000

150000

100000

50000

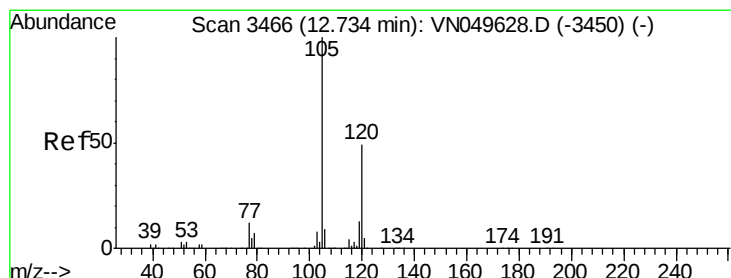
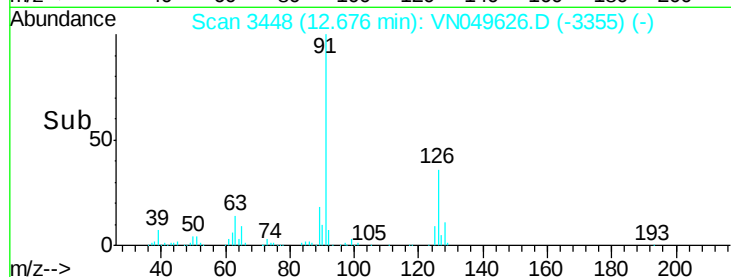
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.09 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN049626.D

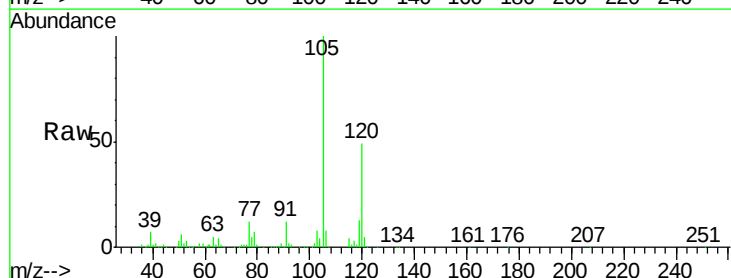
Acq: 29 Jun 2018 11:19

Tgt Ion: 105 Resp: 284232

Ion Ratio Lower Upper

105 100

120 48.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VN049628.D (-3450) (-)

Ion 120.00 (119.70 to 120.70): VN049628.D (-3450) (-)

200000

150000

100000

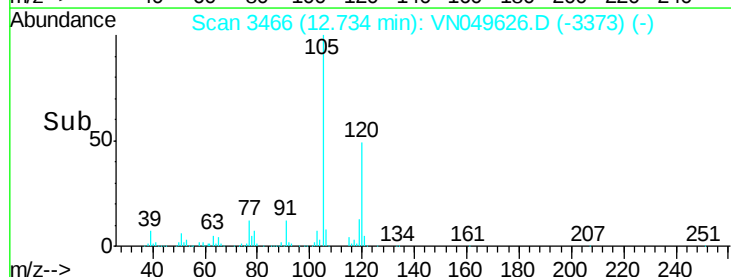
50000

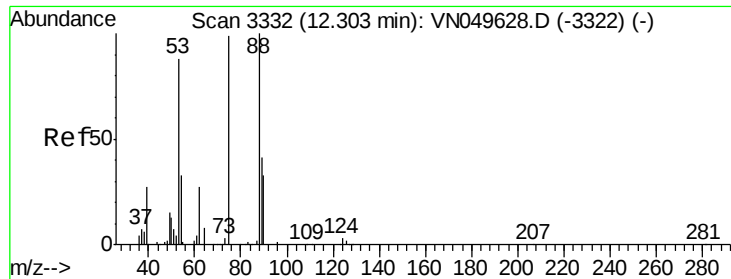
0

12.70

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 4.67 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

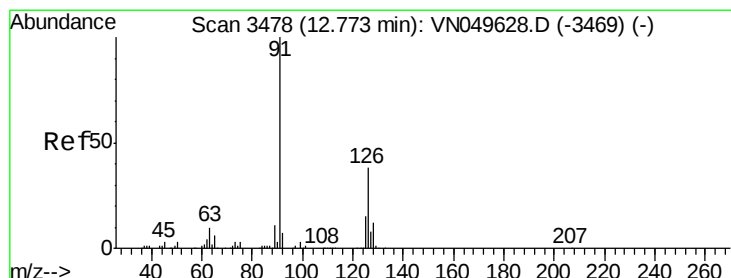
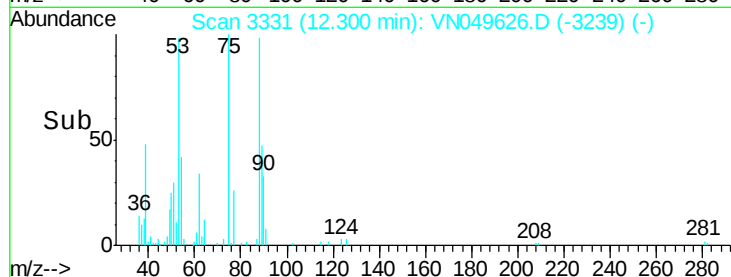
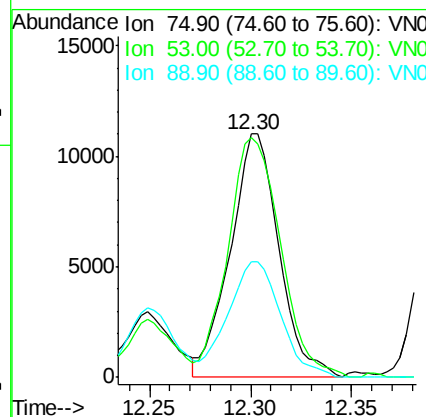
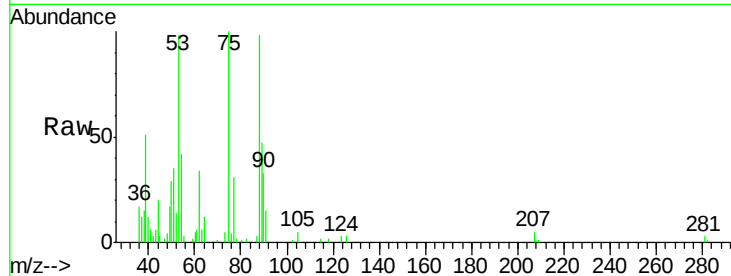
ClientSampled :

VSTDIC005

Tot Ion:	75	Resp:	18630
Ion	Ratio	Lower	Upper
75	100		
53	106.6	73.9	110.9
89	51.1	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 5.15 ug/l

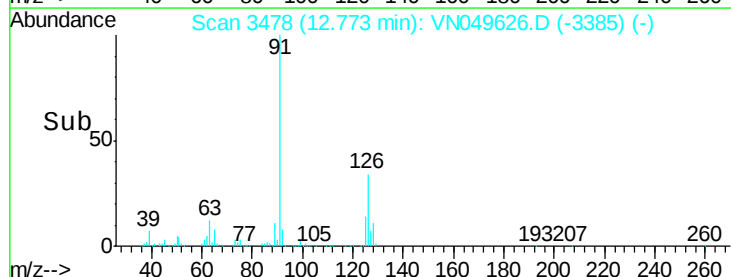
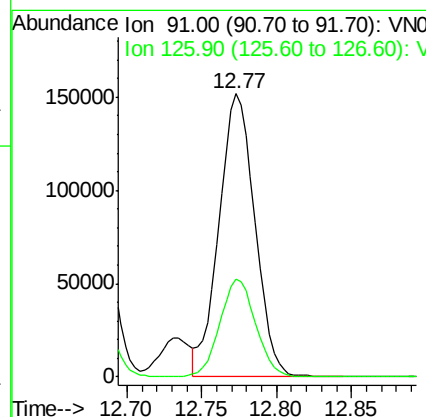
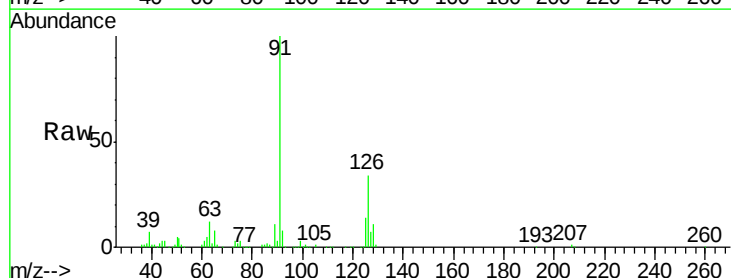
RT: 12.77 min Scan# 3478

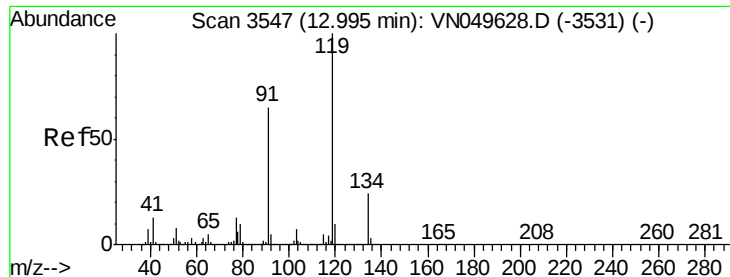
Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Tgt Ion:	91	Resp:	252274
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.2	51.6





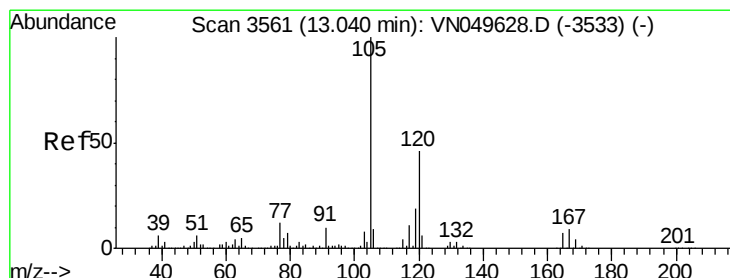
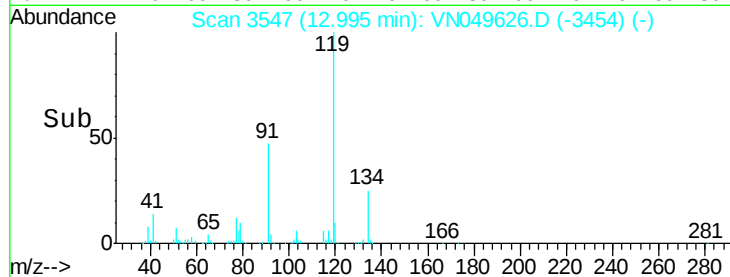
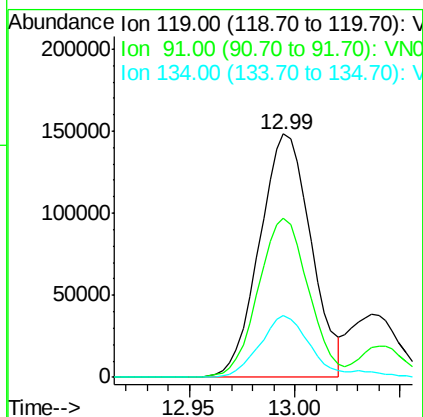
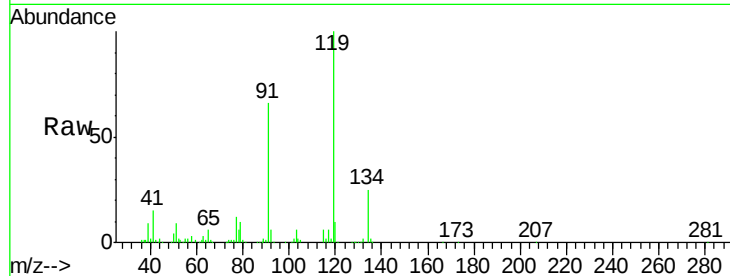
#83
 tert-Butylbenzene
 Concen: 5.26 ug/l
 RT: 12.99 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.0	96.2
134	24.2	12.8	38.4

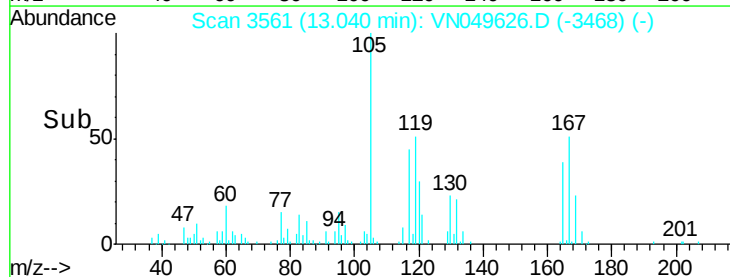
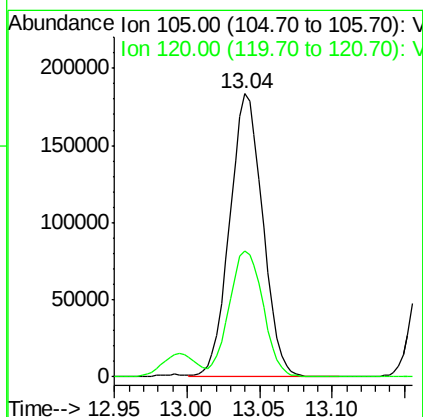
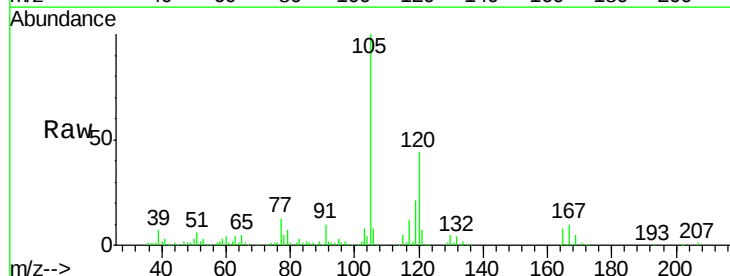
Manual Integrations
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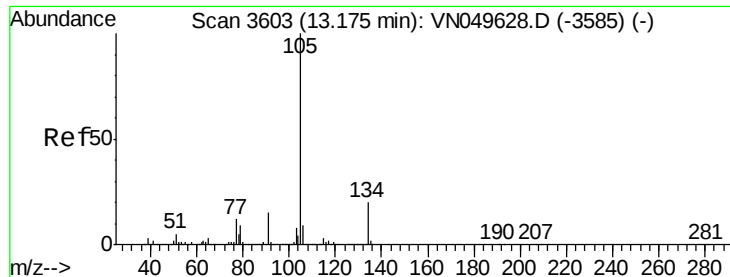
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.03 ug/l
 RT: 13.04 min Scan# 3561
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.1





#85

sec-Butylbenzene

Concen: 5.19 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 330127

Ion Ratio Lower Upper

105 100

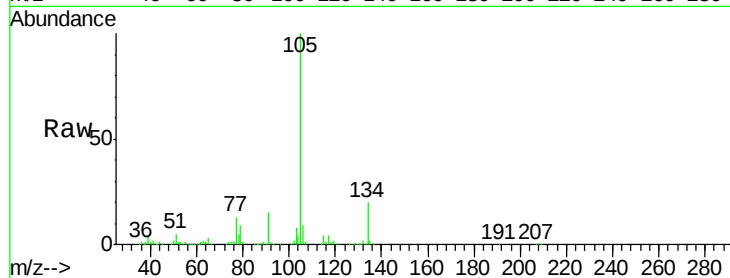
134 20.4 10.1 30.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

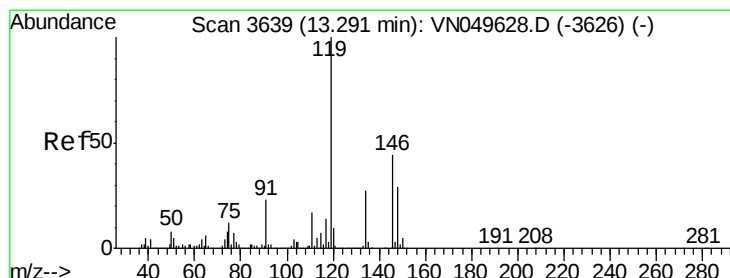
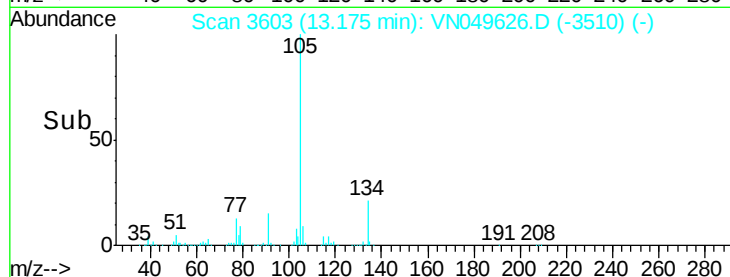
100000

50000

0

13.10 13.15 13.20 13.25

Time-->



#86

p-Isopropyltoluene

Concen: 4.93 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

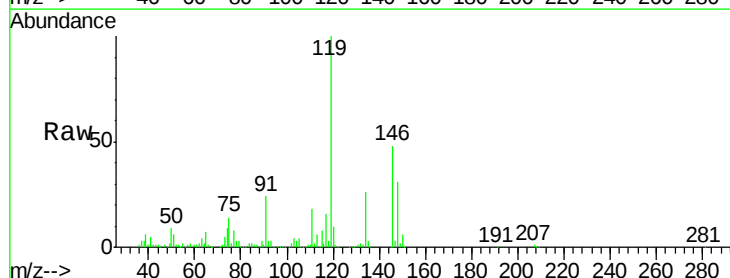
Tgt Ion:119 Resp: 271639

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 24.0 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

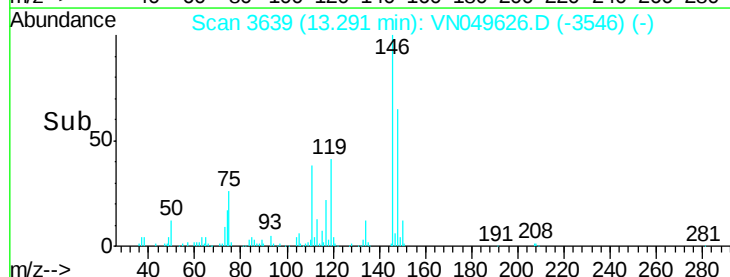
100000

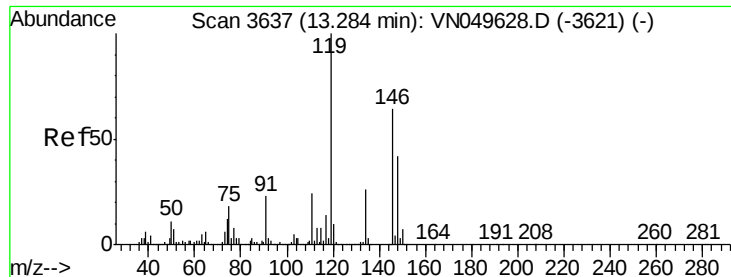
50000

0

13.20 13.25 13.30 13.35

Time-->





#87

1,3-Dichlorobenzene

Concen: 4.96 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN049626.D

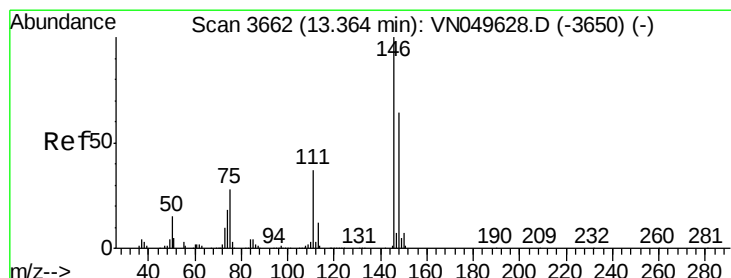
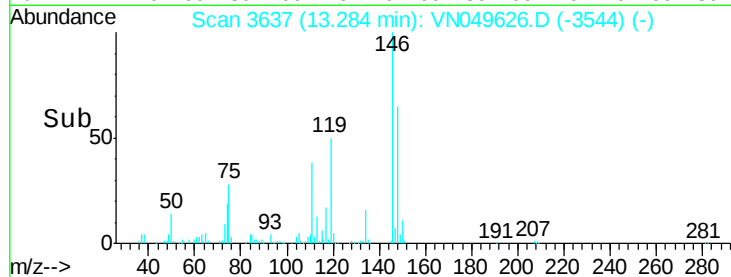
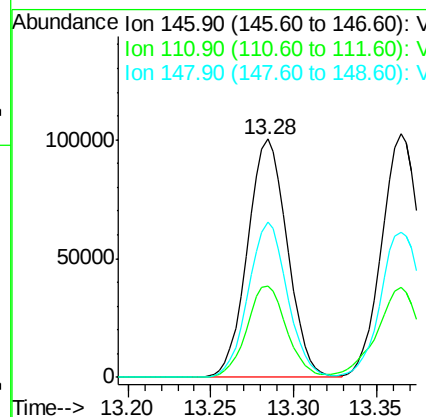
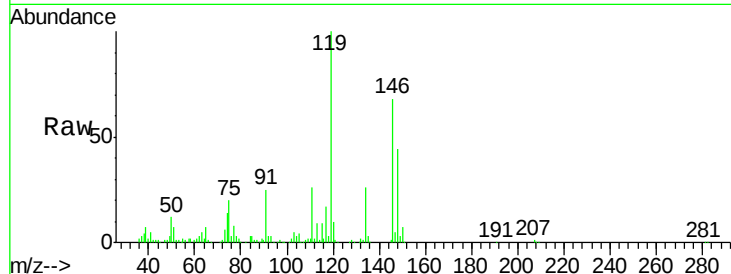
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.0	57.0
148	64.0	32.5	97.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 4.93 ug/l

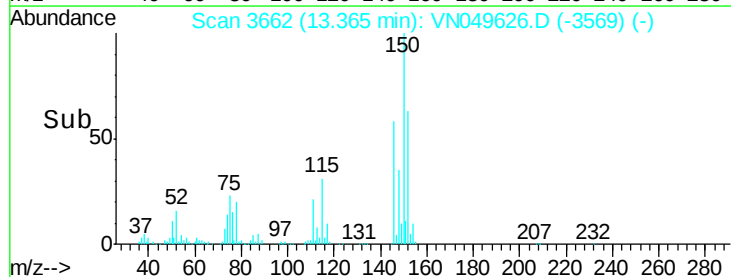
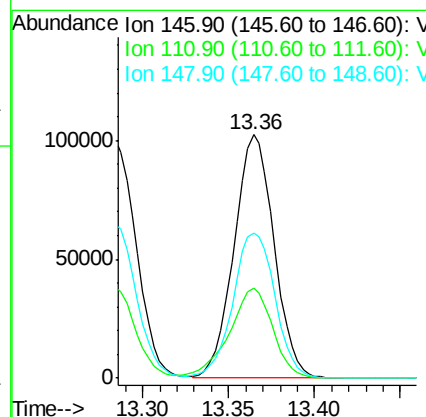
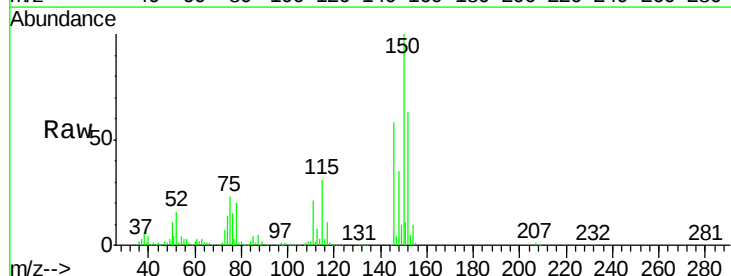
RT: 13.36 min Scan# 3662

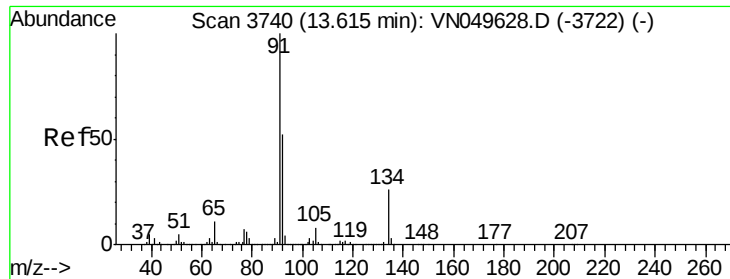
Delta R.T. 0.00 min

Lab File: VN049626.D

Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	18.9	56.5
148	63.1	32.1	96.3





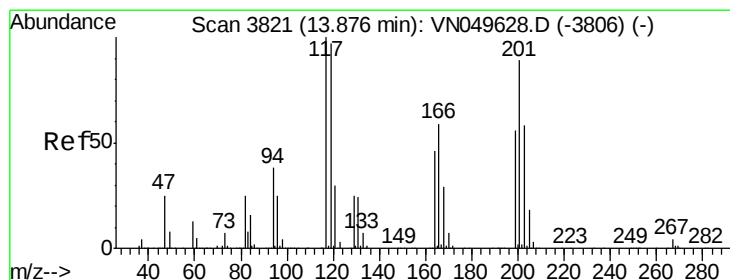
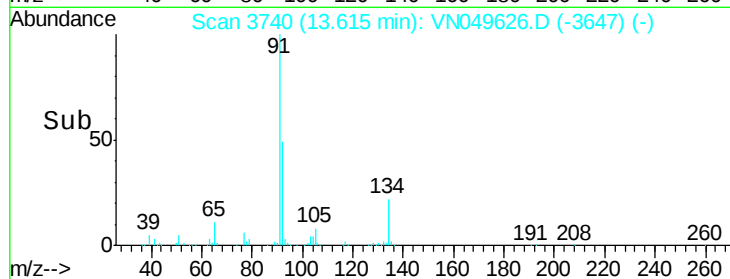
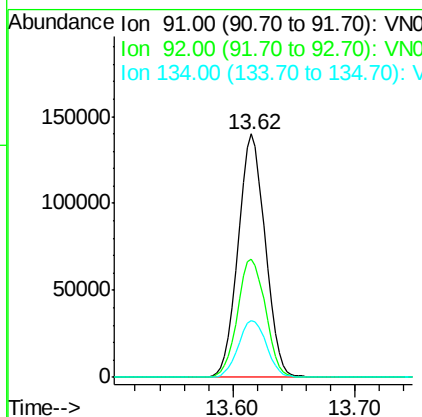
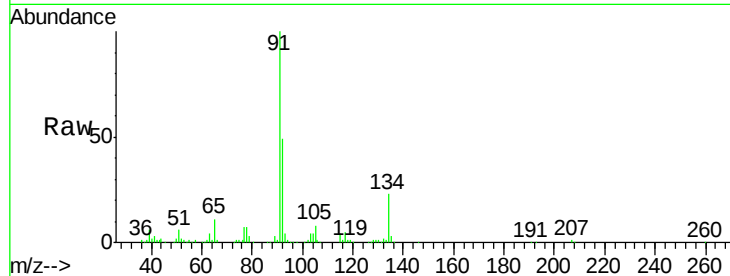
#89
n-Butylbenzene
Concen: 4.56 ug/l
RT: 13.62 min Scan# 3740
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.9	25.8	77.3
134	24.4	13.0	38.9

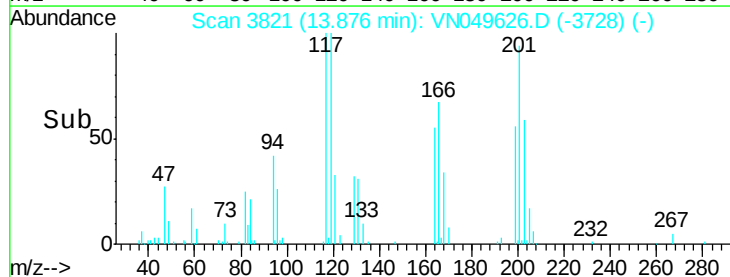
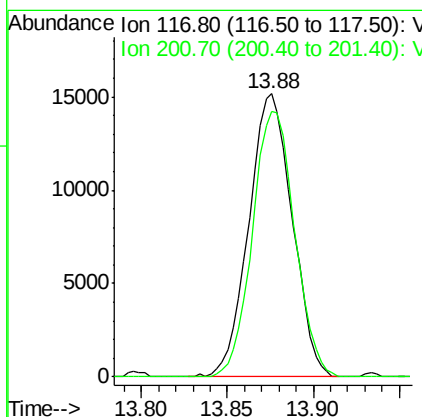
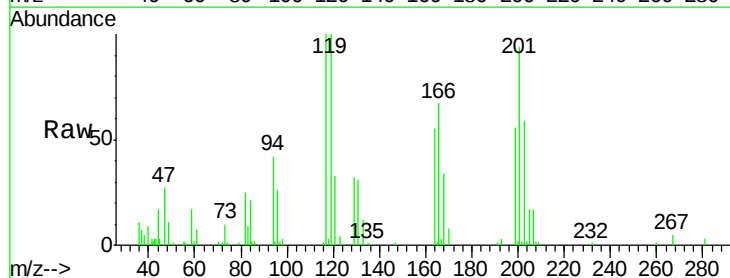
Manual Integrations
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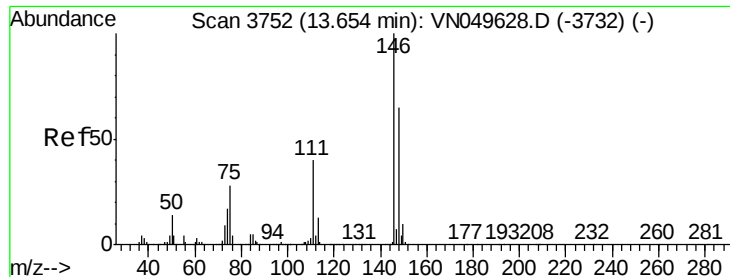
apatel
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#90
Hexachloroethane
Concen: 4.59 ug/l
RT: 13.88 min Scan# 3821
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.3	45.3	135.8





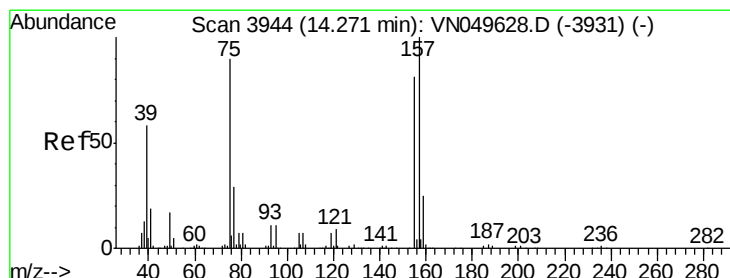
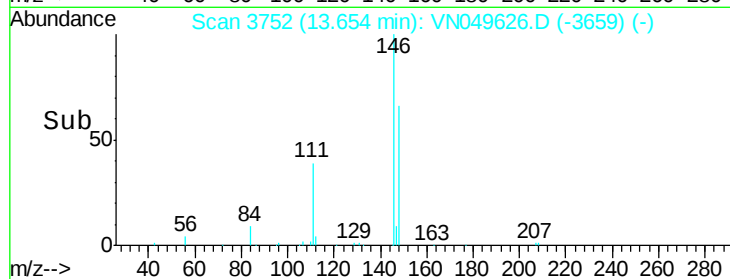
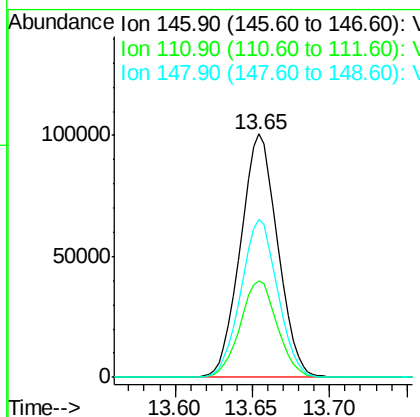
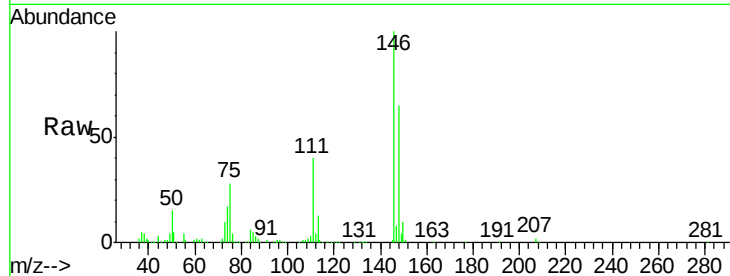
#91
 1,2-Dichlorobenzene
 Concen: 5.13 ug/l
 RT: 13.65 min Scan# 3752
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.1
148	64.1	32.0	96.2

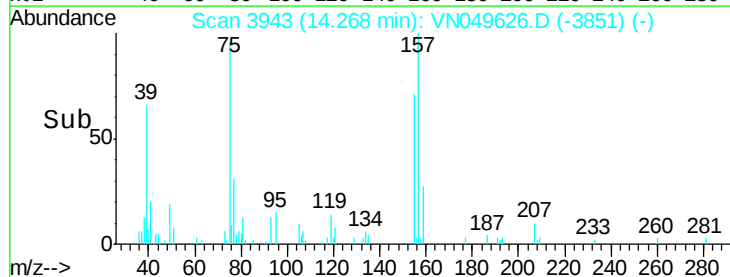
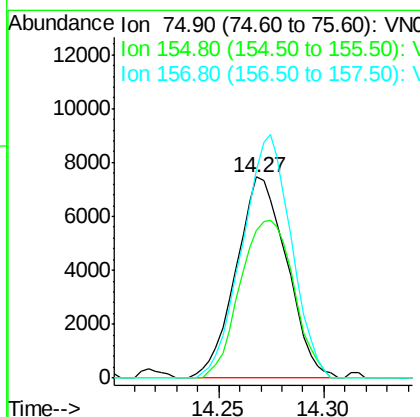
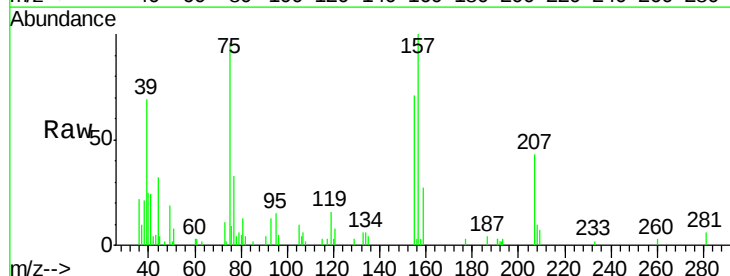
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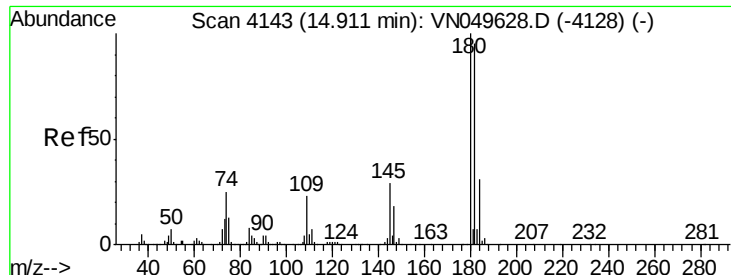
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.51 ug/l
 RT: 14.27 min Scan# 3943
 Delta R.T. -0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.4	45.7	137.1
157	116.3	56.9	170.7





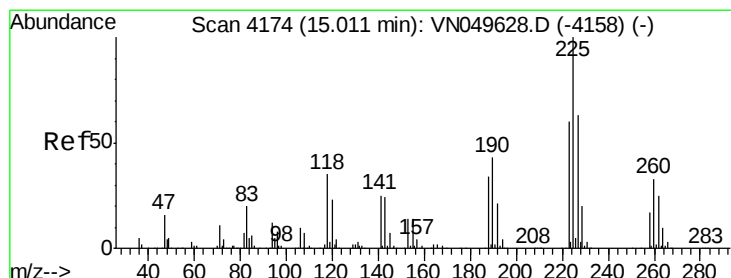
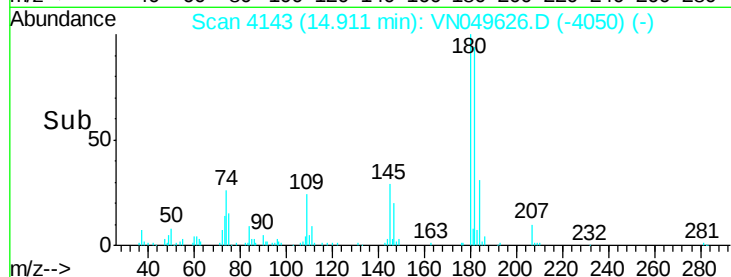
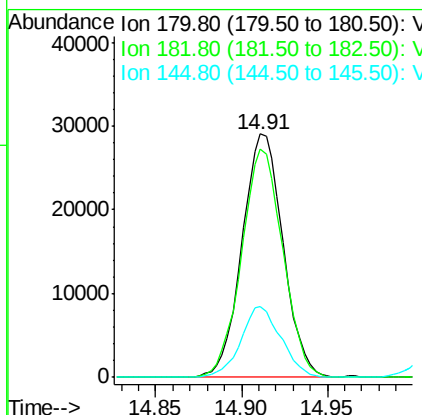
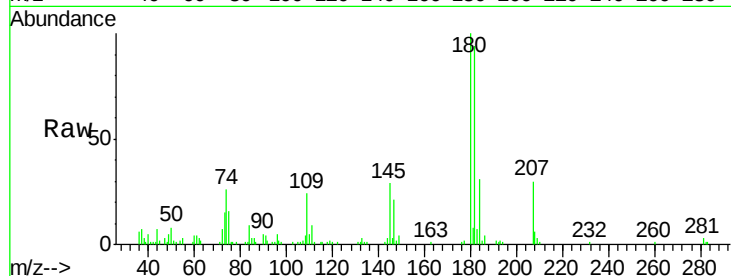
#93
 1,2,4-Trichlorobenzene
 Concen: 3.17 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	47898		
182	94.5	47.3	141.9	
145	28.6	14.4	43.0	

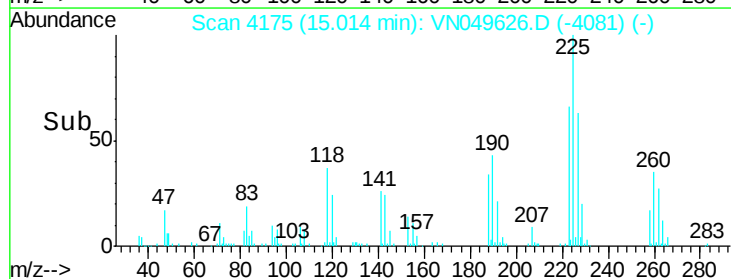
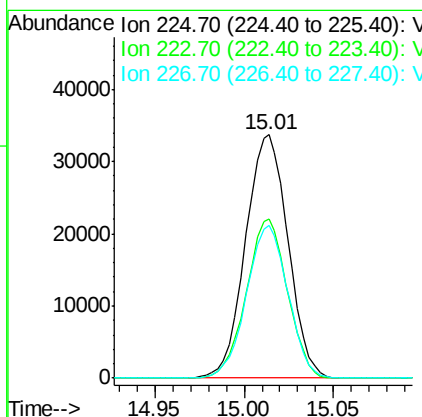
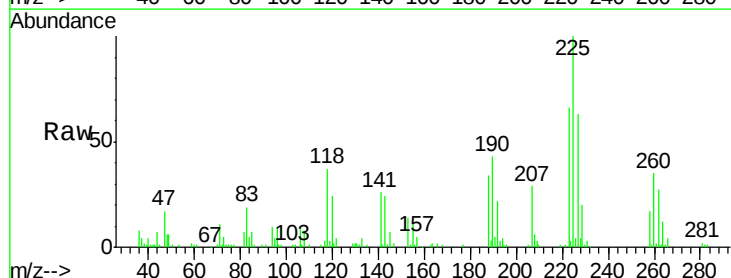
Manual Integrations
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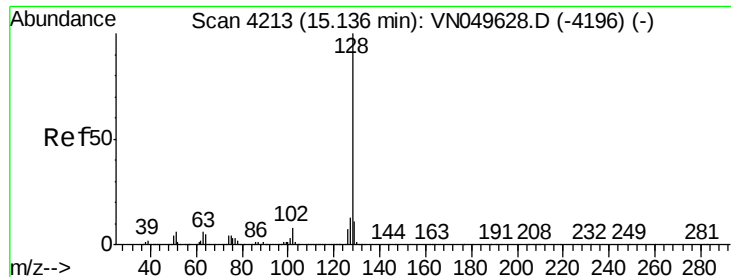
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#94
 Hexachlorobutadiene
 Concen: 5.36 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN049626.D
 Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56123		
223	63.2	30.9	92.7	
227	61.2	31.8	95.4	





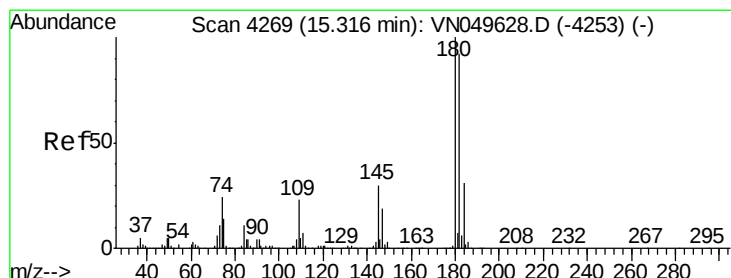
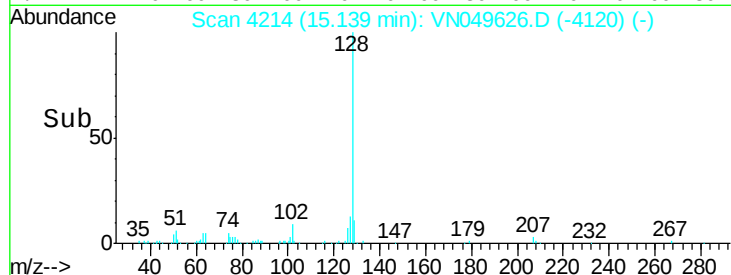
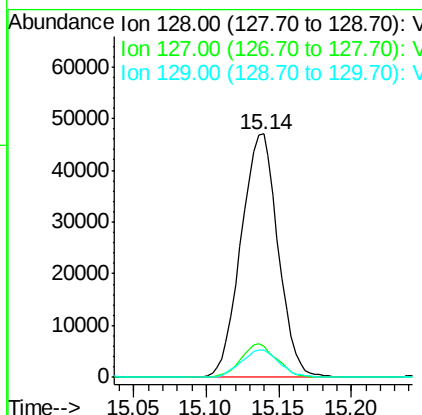
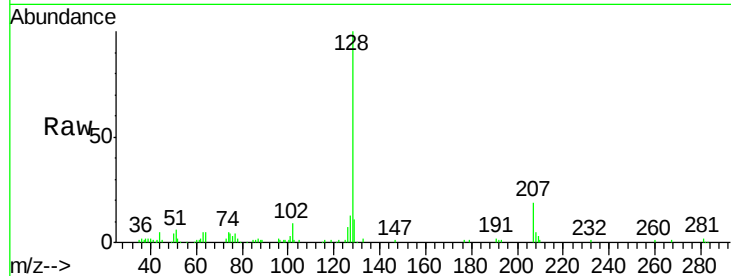
#95
Naphthalene
Concen: 2.58 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Instrument :
MSVOA_N
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.4	15.6
129	11.7	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 3.49 ug/l
RT: 15.32 min Scan# 4270
Delta R.T. 0.00 min
Lab File: VN049626.D
Acq: 29 Jun 2018 11:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.4	142.2
145	29.2	15.2	45.6

