

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055975.D
 Acq On : 4 Jun 2019 8:22
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 4:03:21 PM

Quant Time: Jun 04 10:53:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 10:49:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	331788	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	458990	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	392917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	128538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	2400	0.736 ug/l	93
3) Chloromethane	2.06	50	3110	0.865 ug/l	98
4) Vinyl Chloride	2.18	62	3150	0.873 ug/l #	87
6) Chloroethane	2.69	64	2073	0.991 ug/l	96
7) Trichlorofluoromethane	3.01	101	4615	1.002 ug/l	95
8) Diethyl Ether	3.40	74	1906	1.006 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	2610	0.933 ug/l #	88
12) 1,1-Dichloroethene	3.72	96	2406	0.864 ug/l	90
14) Allyl chloride	4.32	41	4113m	0.935 ug/l	
15) Acrylonitrile	5.00	53	5564	3.987 ug/l #	85
16) Acetone	3.81	43	8212	5.212 ug/l	94
17) Carbon Disulfide	4.04	76	5693	0.854 ug/l #	88
18) Methyl Acetate	4.33	43	4816	1.393 ug/l #	86
19) Methyl tert-butyl Ether	5.04	73	8602	0.969 ug/l	98
20) Methylene Chloride	4.55	84	3107	0.957 ug/l	96
21) trans-1,2-Dichloroethene	5.02	96	2758	0.924 ug/l	84
22) Diisopropyl ether	5.95	45	8953	0.985 ug/l	97
23) Vinyl Acetate	5.90	43	29754	4.156 ug/l	98
24) 1,1-Dichloroethane	5.84	63	4892	0.933 ug/l #	83
25) 2-Butanone	6.84	43	8724	4.382 ug/l	98
26) 2,2-Dichloropropane	6.81	77	4028	0.984 ug/l #	75
27) cis-1,2-Dichloroethene	6.83	96	3256	0.928 ug/l	96
28) Bromochloromethane	7.18	49	2349	0.947 ug/l #	95
29) Tetrahydrofuran	7.22	42	5426	4.409 ug/l	96
30) Chloroform	7.37	83	4994	0.947 ug/l	100
32) 1,1,1-Trichloroethane	7.56	97	3953	0.897 ug/l #	36
36) 1,1-Dichloropropene	7.78	75	4312	1.093 ug/l #	88
37) Ethyl Acetate	6.93	43	3086	0.879 ug/l #	83
38) Carbon Tetrachloride	7.76	117	3612	0.993 ug/l	87
39) Methylcyclohexane	9.08	83	4901	0.997 ug/l #	82
40) Benzene	8.04	78	11669	0.973 ug/l	98
41) Methacrylonitrile	7.18	41	1530	0.947 ug/l #	40
42) 1,2-Dichloroethane	8.12	62	3916	1.016 ug/l	84
43) Isopropyl Acetate	8.17	43	5111	0.898 ug/l #	71

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 VSTDIC001

Manual Integrations
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MMDadoda
 6/5/2019 4:03:21 PM

Quant Time: Jun 04 10:53:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 10:49:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	3470	1.007	ug/l	100
45) 1,2-Dichloropropane	9.12	63	3003	0.978	ug/l	98
46) Dibromomethane	9.20	93	1890	0.941	ug/l	96
47) Bromodichloromethane	9.40	83	3306	0.909	ug/l #	92
48) Methyl methacrylate	9.20	41	2498	0.897	ug/l	99
49) 1,4-Dioxane	9.20	88	1067	17.753	ug/l #	87
51) 4-Methyl-2-Pentanone	9.99	43	16778	4.715	ug/l	93
52) Toluene	10.15	92	6773	0.908	ug/l	87
53) t-1,3-Dichloropropene	10.38	75	2924	0.774	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	3459	0.791	ug/l	91
55) 1,1,2-Trichloroethane	10.56	97	2693	0.911	ug/l	98
56) Ethyl methacrylate	10.43	69	3690	0.856	ug/l	96
57) 1,3-Dichloropropane	10.71	76	4466	0.930	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.69	63	6135	4.055	ug/l	98
59) 2-Hexanone	10.75	43	12334	4.782	ug/l	87
60) Dibromochloromethane	10.90	129	2136	0.748	ug/l	96
61) 1,2-Dibromoethane	11.00	107	2645	0.876	ug/l	91
64) Tetrachloroethene	10.63	164	3936	1.157	ug/l	92
65) Chlorobenzene	11.43	112	8120	1.038	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.50	131	2331	0.863	ug/l #	64
67) Ethyl Benzene	11.51	91	13732	1.010	ug/l	96
68) m/p-Xylenes	11.62	106	10177	1.959	ug/l	95
69) o-Xylene	11.94	106	4955	0.970	ug/l	99
70) Styrene	11.96	104	6765	0.833	ug/l	96
71) Bromoform	12.12	173	1464	0.750	ug/l #	91
73) Isopropylbenzene	12.25	105	12729	1.224	ug/l	97
74) N-amyl acetate	12.07	43	3655	1.067	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.50	83	3585	1.201	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	2730m	1.154	ug/l	
77) Bromobenzene	12.53	156	3192	1.160	ug/l	91
78) n-propylbenzene	12.59	91	12441	1.144	ug/l	97
79) 2-Chlorotoluene	12.67	91	8326	1.216	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	10483	1.213	ug/l	96
82) 4-Chlorotoluene	12.77	91	7153	1.124	ug/l	93
83) tert-Butylbenzene	12.99	119	9622	1.250	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	8872	1.083	ug/l	98
85) sec-Butylbenzene	13.17	105	11303	1.174	ug/l	100
86) p-Isopropyltoluene	13.29	119	9597	1.114	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	4482	1.052	ug/l	95
88) 1,4-Dichlorobenzene	13.36	146	4265m	1.041	ug/l	
89) n-Butylbenzene	13.61	91	6442	1.009	ug/l	91
90) Hexachloroethane	13.88	117	1315	1.012	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	4646	1.080	ug/l	92
92) 1,2-Dibromo-3-Chloropropan	14.27	75	338	0.792	ug/l	82
93) 1,2,4-Trichlorobenzene	14.91	180	1444	0.732	ug/l	84
94) Hexachlorobutadiene	15.00	225	2122	1.266	ug/l	94
95) Naphthalene	15.13	128	3579	0.700	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.31	180	1575	0.750	ug/l	98

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MSVOA_N
ClientSampleId :
VSTDICC001

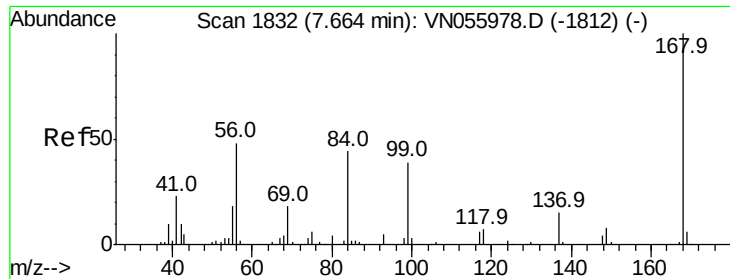
Manual Integrations
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Quant Time: Jun 04 10:53:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:168 Resp: 331788

Ion Ratio Lower Upper

168 100

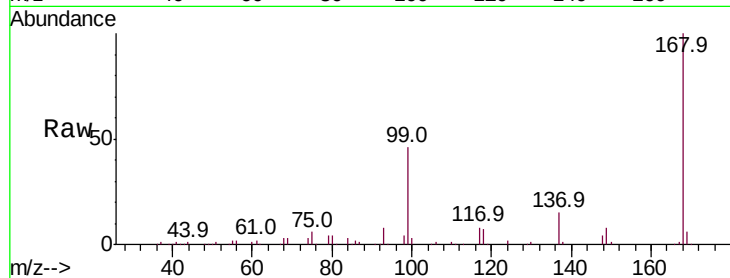
99 46.0 37.2 55.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VN055978.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055978.D (-1812) (-)

7.66

150000

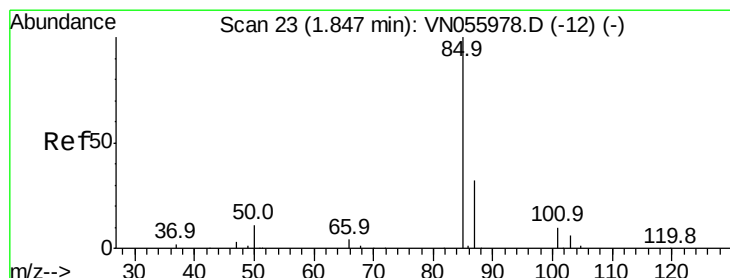
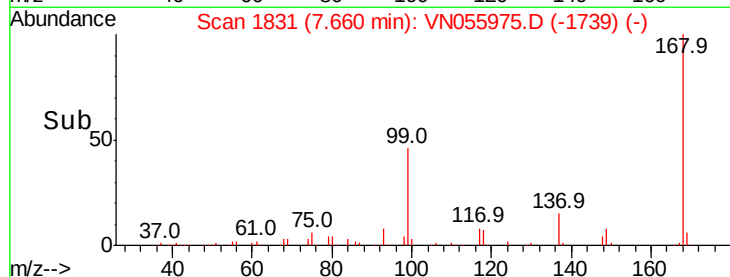
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 0.736 ug/l

RT: 1.85 min Scan# 23

Delta R.T. -0.00 min

Lab File: VN055975.D

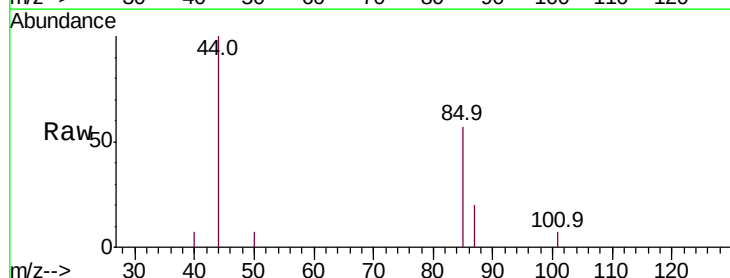
Acq: 4 Jun 2019 8:22

Tgt Ion: 85 Resp: 2400

Ion Ratio Lower Upper

85 100

87 35.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055978.D (-12) (-)

Ion 86.90 (86.60 to 87.60): VN055978.D (-12) (-)

1.85

1500

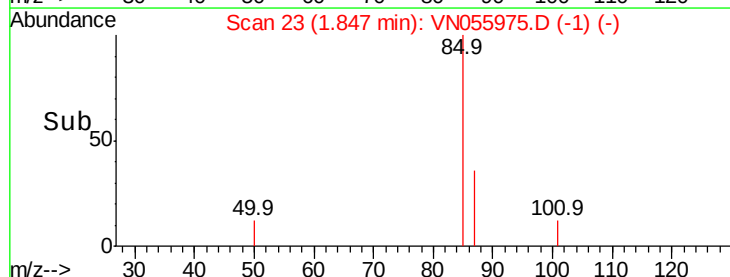
1000

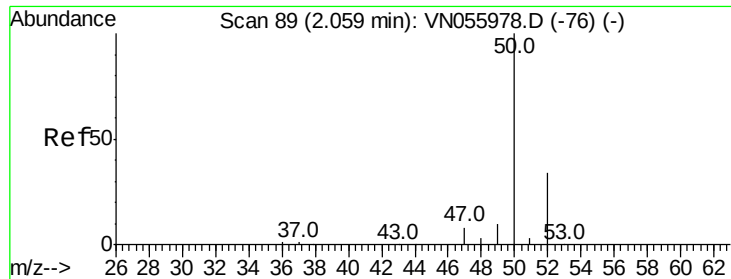
500

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 0.865 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3110

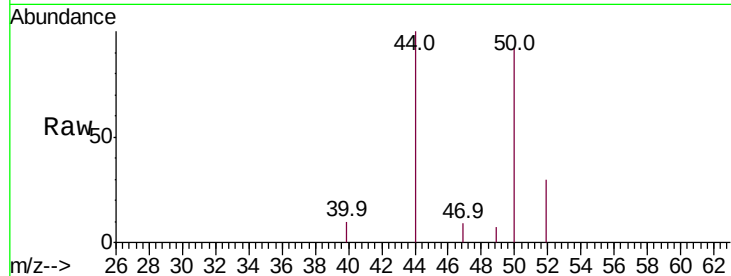
Ion Ratio Lower Upper

50 100

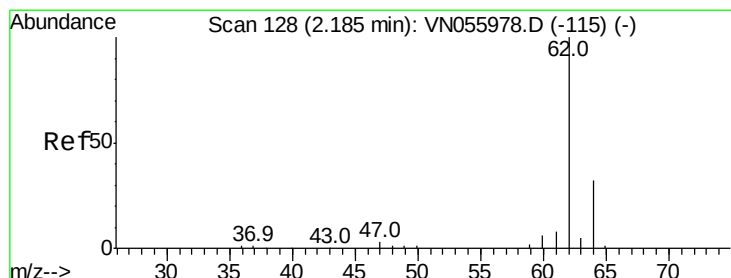
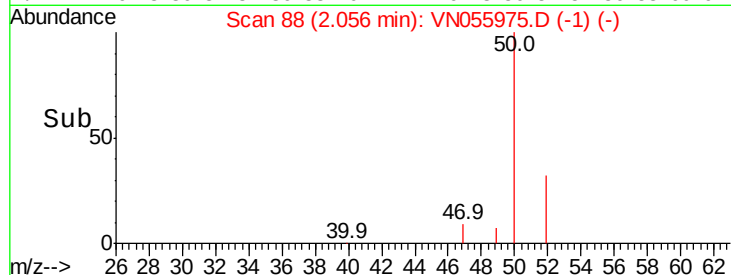
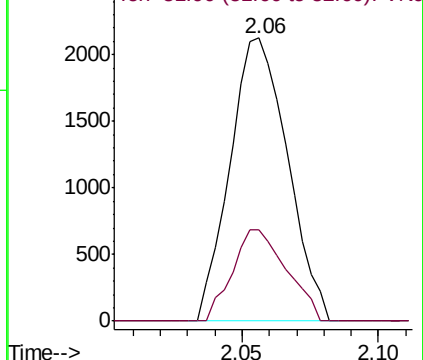
52 32.3 26.6 40.0

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Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 0.873 ug/l

RT: 2.18 min Scan# 128

Delta R.T. -0.00 min

Lab File: VN055975.D

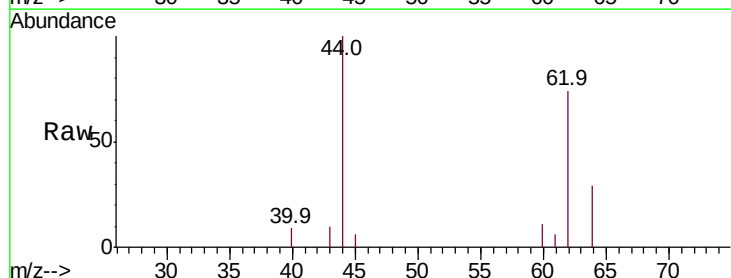
Acq: 4 Jun 2019 8:22

Tgt Ion: 62 Resp: 3150

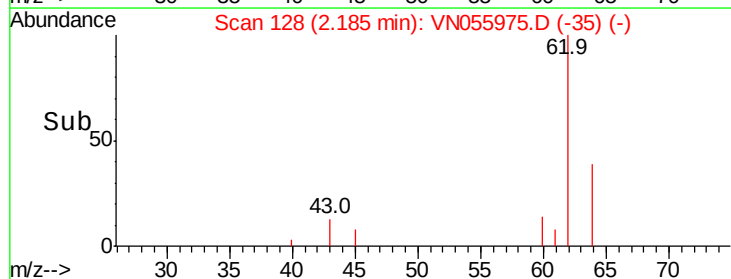
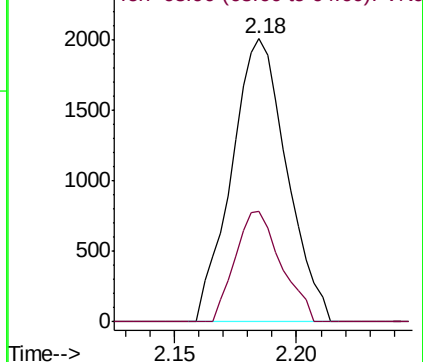
Ion Ratio Lower Upper

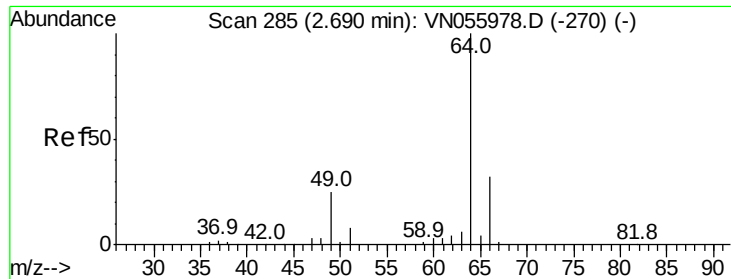
62 100

64 39.2 25.6 38.4#



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 0.991 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 64 Resp: 2073

Ion Ratio Lower Upper

64 100

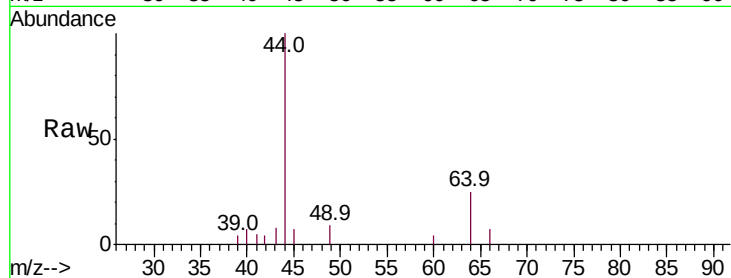
66 29.6 25.4 38.0

Manual Integrations

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Abundance Ion 63.90 (63.60 to 64.60): VN055978.D (-270) (-)

Ion 65.90 (65.60 to 66.60): VN055978.D (-270) (-)

2.69

1000

800

600

400

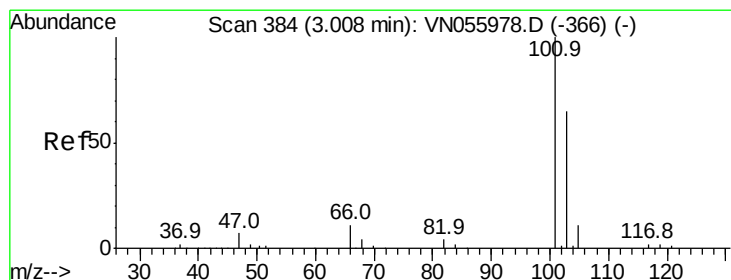
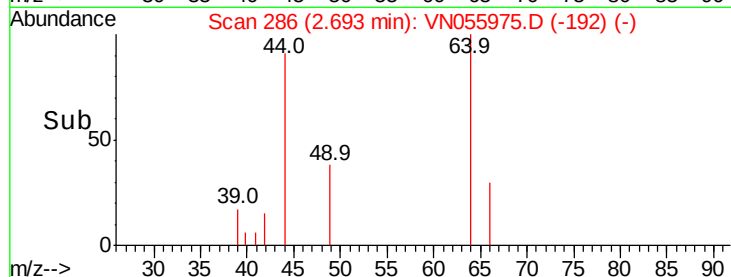
200

0

2.65

2.70

Time-->



#7

Trichlorofluoromethane

Concen: 1.002 ug/l

RT: 3.01 min Scan# 384

Delta R.T. -0.00 min

Lab File: VN055975.D

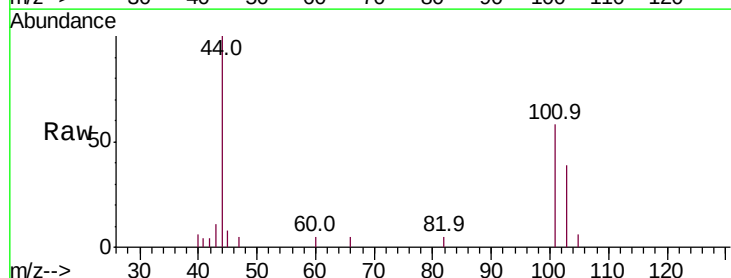
Acq: 4 Jun 2019 8:22

Tgt Ion: 101 Resp: 4615

Ion Ratio Lower Upper

101 100

103 68.0 51.2 76.8



Abundance Ion 100.90 (100.60 to 101.60): VN055978.D (-366) (-)

Ion 102.80 (102.50 to 103.50): VN055978.D (-366) (-)

3.01

2500

2000

1500

1000

500

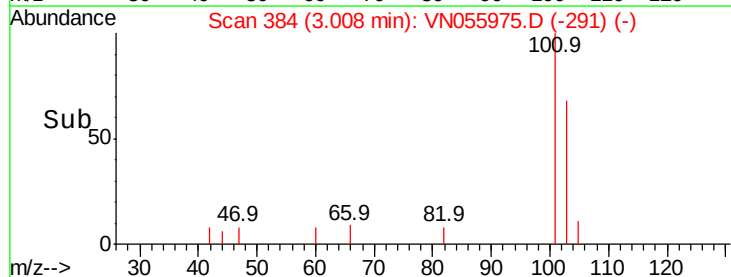
0

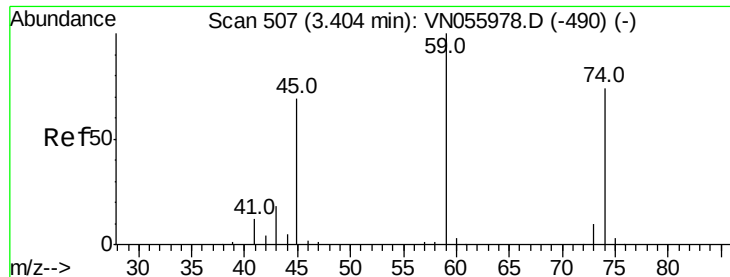
2.95

3.00

3.05

Time-->





#8

Diethyl Ether

Concen: 1.006 ug/l

RT: 3.40 min Scan# 506

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1906

Ion Ratio Lower Upper

74 100

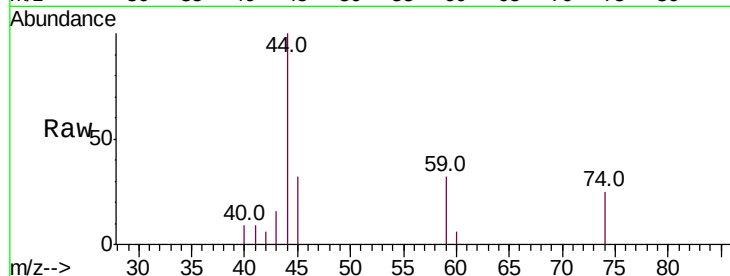
45 94.6 48.6 145.9

Manual Integrations

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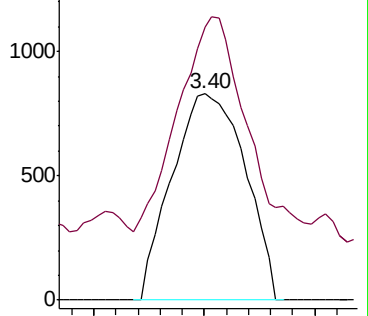
MMDadoda

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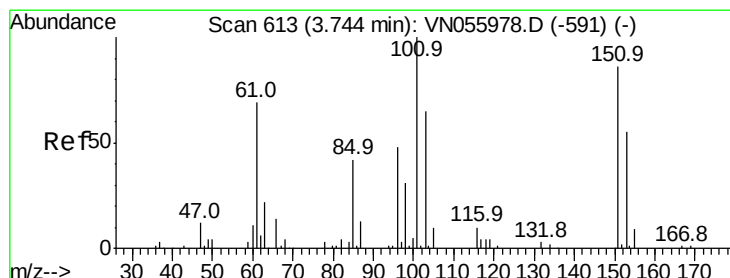
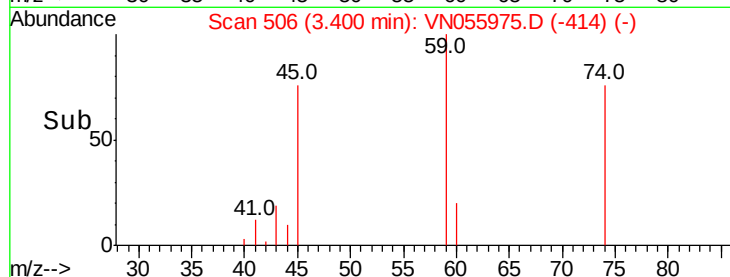


Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.933 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

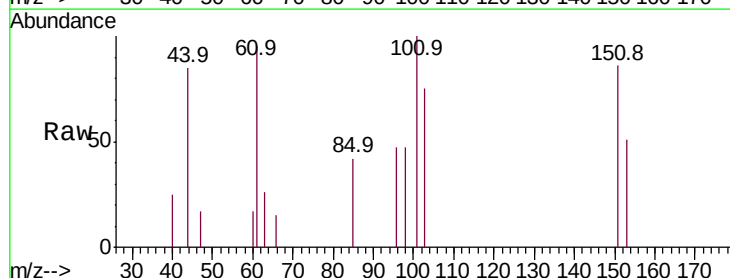
Tgt Ion: 101 Resp: 2610

Ion Ratio Lower Upper

101 100

85 25.7 33.4 50.2#

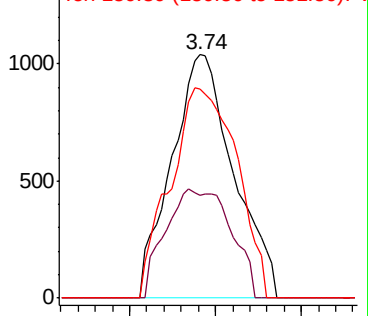
151 92.2 69.4 104.2



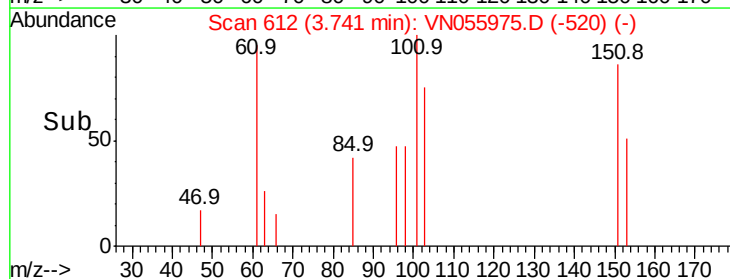
Abundance Ion 100.90 (100.60 to 101.60): V

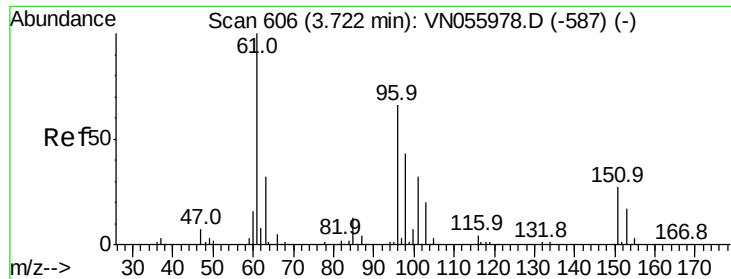
Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



Time-->





#12

1,1-Dichloroethene

Concen: 0.864 ug/l

RT: 3.72 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 96 Resp: 2406

Ion Ratio Lower Upper

96 100

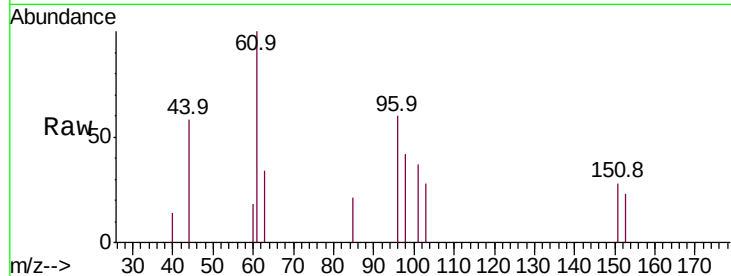
61 167.8 123.2 184.8

98 69.6 50.4 75.6

Manual Integrations
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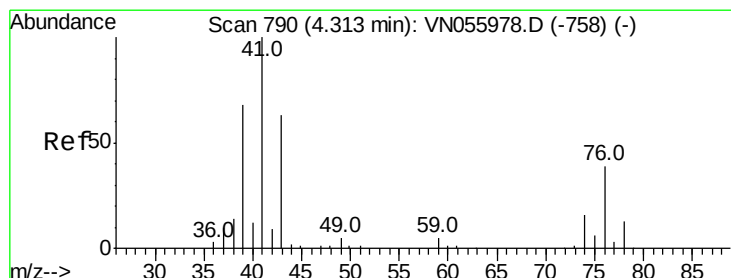
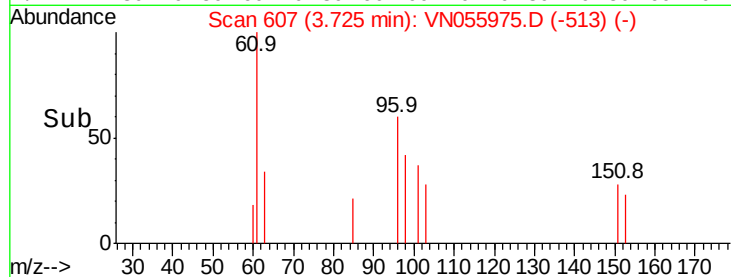
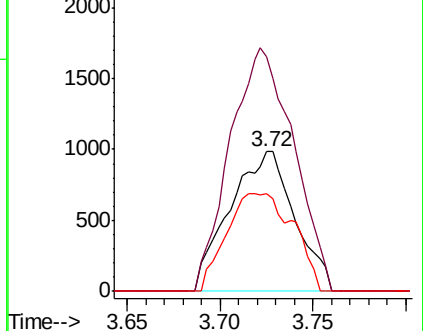
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Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#14

Allyl chloride

Concen: 0.935 ug/l m

RT: 4.32 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

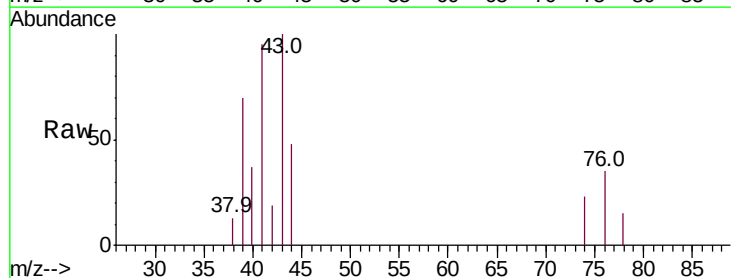
Tgt Ion: 41 Resp: 4113

Ion Ratio Lower Upper

41 100

39 62.3 50.0 75.0

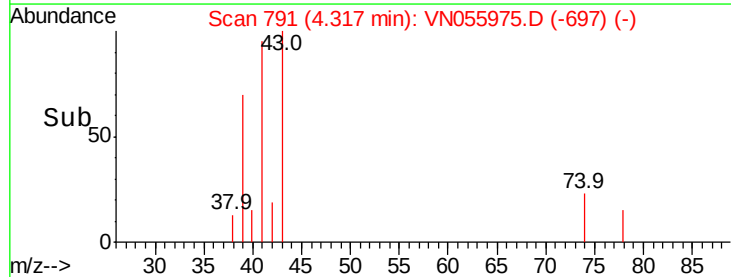
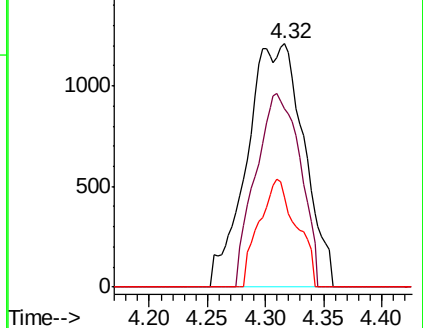
76 29.0 28.2 42.2

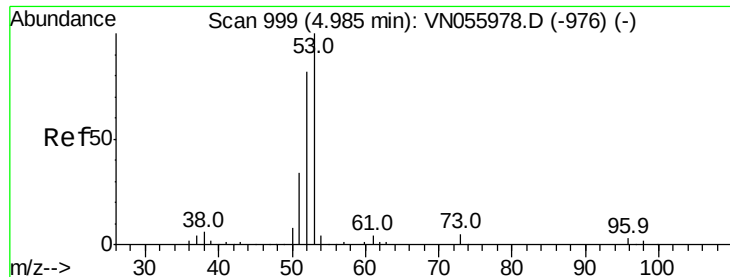


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 3.987 ug/l

RT: 5.00 min Scan# 1004

Delta R.T. 0.02 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

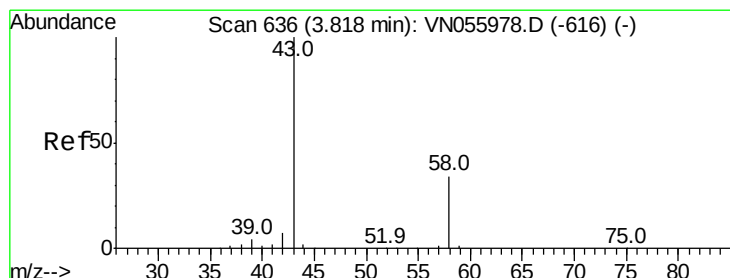
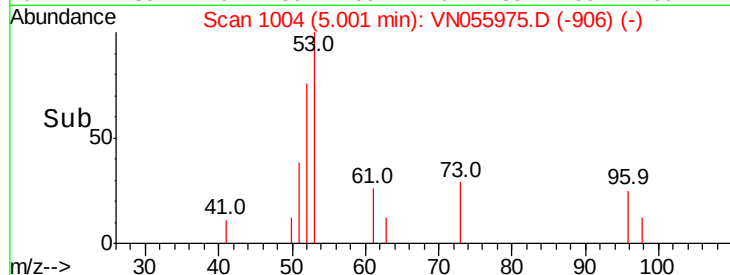
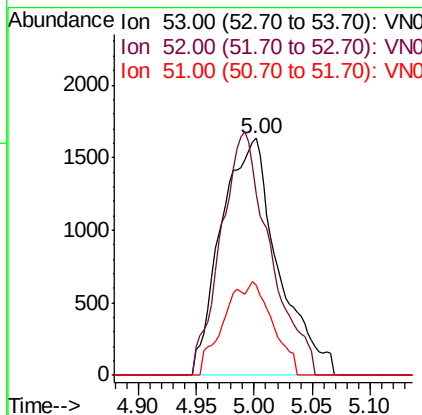
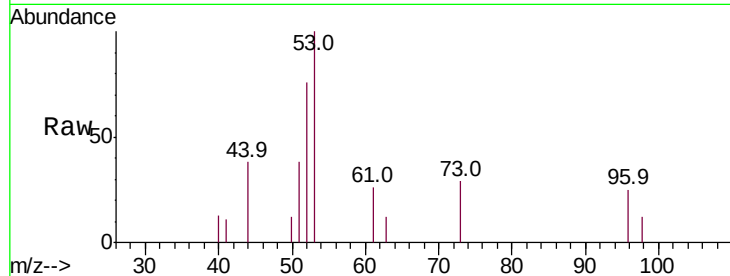
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	5564
Ion	Ratio	Lower	Upper
53	100		
52	88.8	65.8	98.8
51	16.0	28.2	42.4#

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#16

Acetone

Concen: 5.212 ug/l

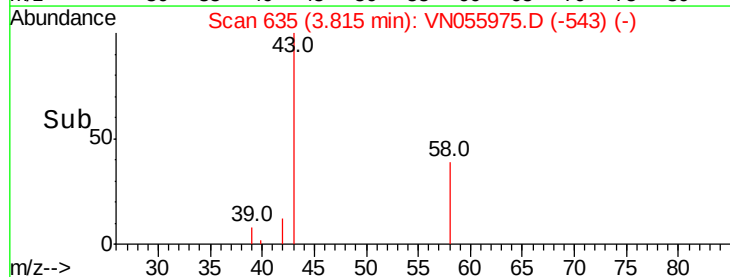
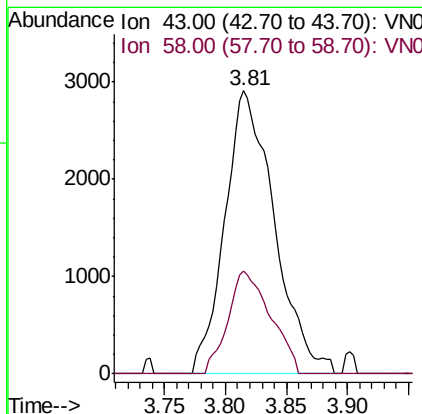
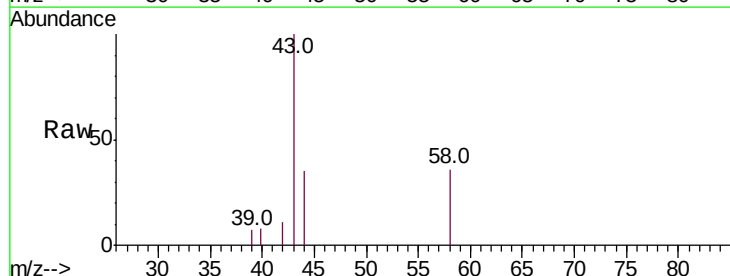
RT: 3.81 min Scan# 635

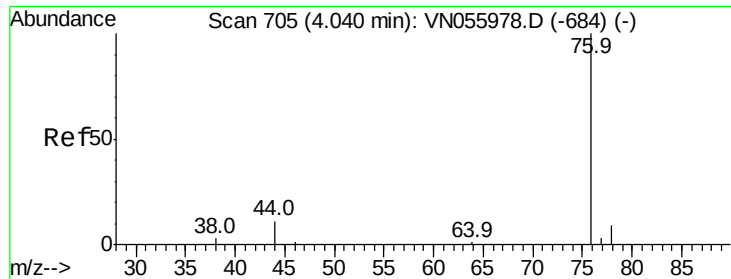
Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Tgt Ion:	43	Resp:	8212
Ion	Ratio	Lower	Upper
43	100		
58	36.5	26.6	39.8





#17

Carbon Disulfide

Concen: 0.854 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 5693

Ion Ratio Lower Upper

76 100

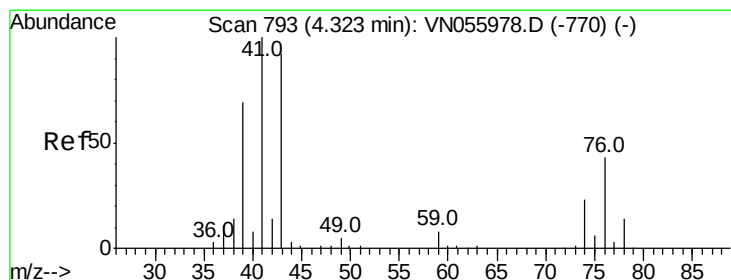
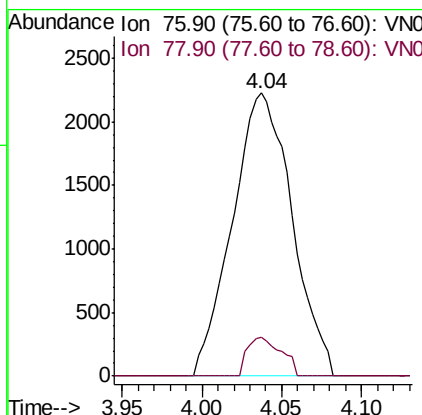
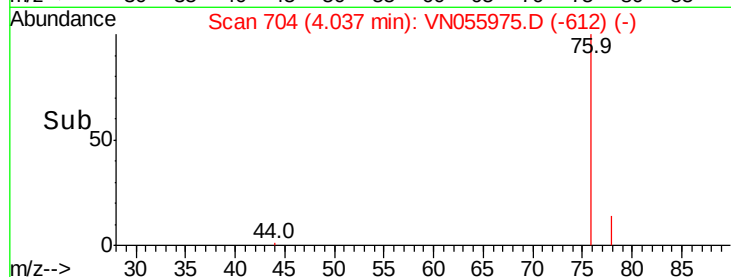
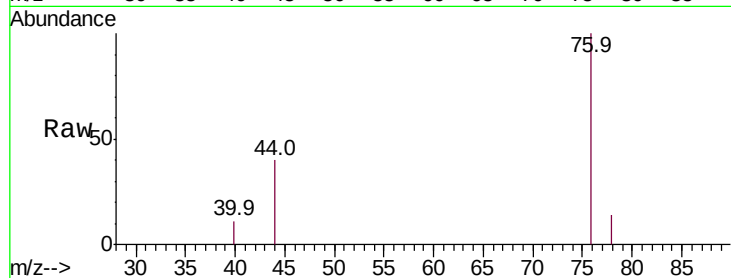
78 13.6 7.4 11.2#

Manual Integrations

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MMDadoda

6/5/2019 4:03:21 PM



#18

Methyl Acetate

Concen: 1.393 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN055975.D

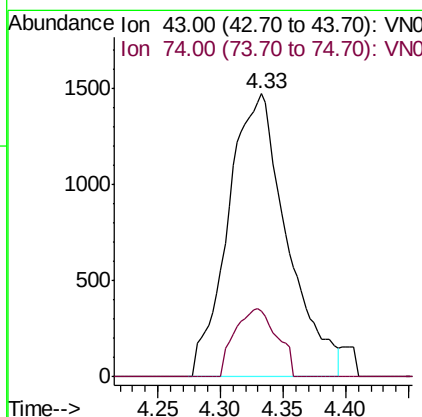
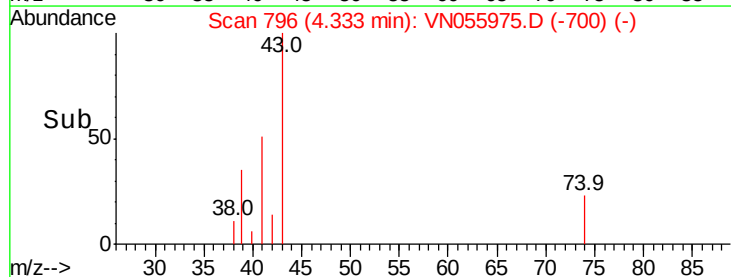
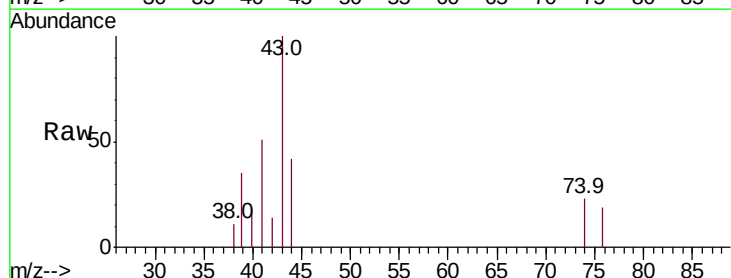
Acq: 4 Jun 2019 8:22

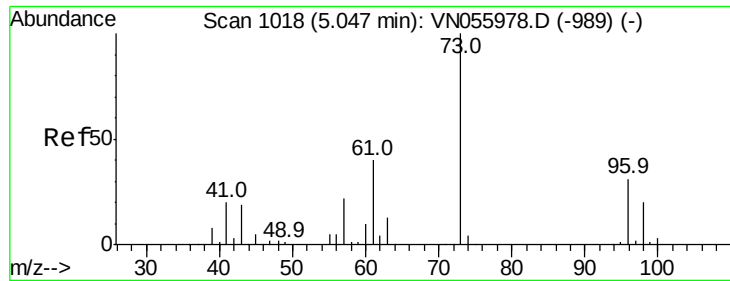
Tgt Ion: 43 Resp: 4816

Ion Ratio Lower Upper

43 100

74 17.3 19.3 28.9#





#19

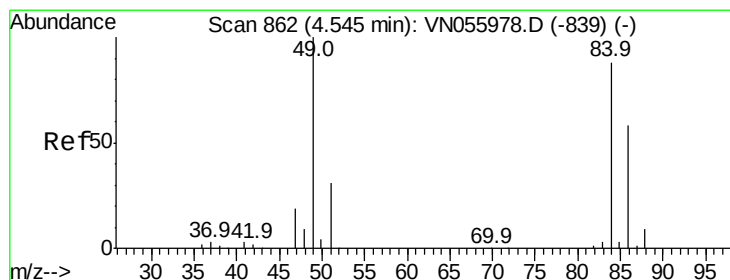
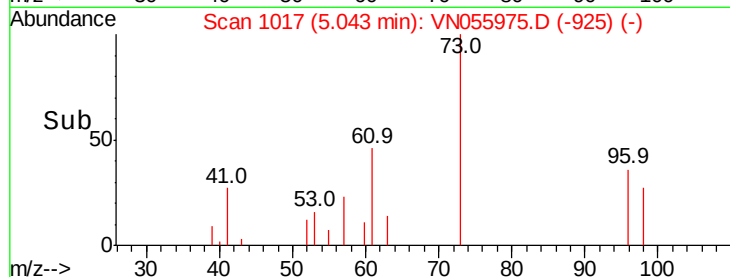
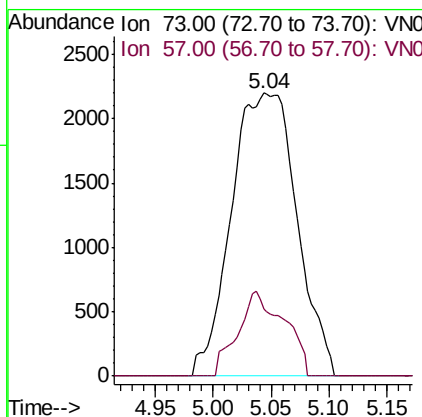
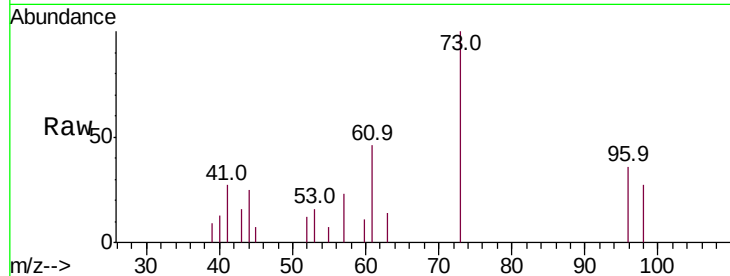
Methyl tert-butyl Ether
 Concen: 0.969 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 73 Resp: 8602
 Ion Ratio Lower Upper
 73 100
 57 23.5 17.8 26.8

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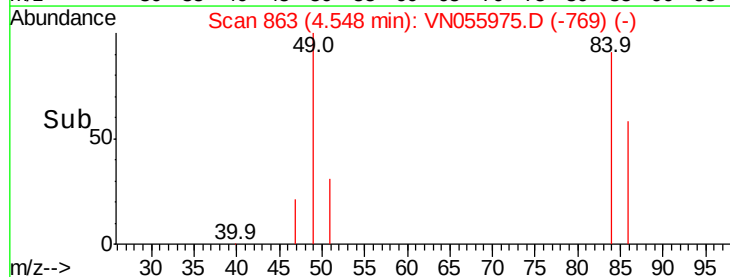
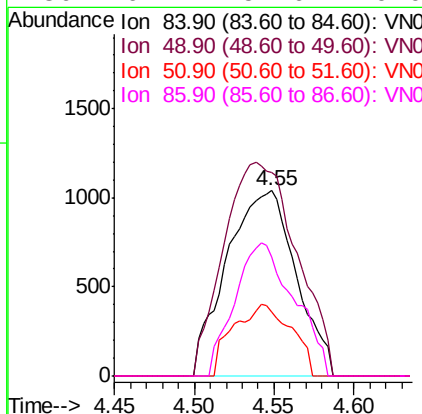
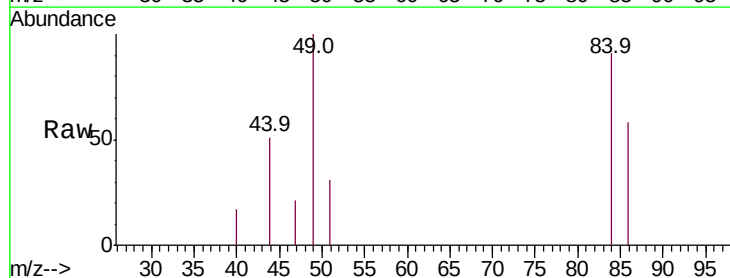
MMDadoda
 6/5/2019 4:03:21 PM

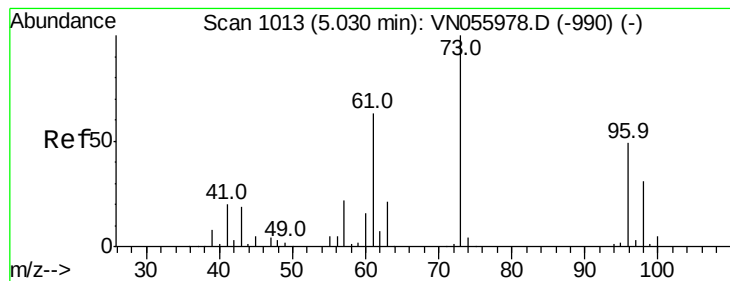


#20

Methylene Chloride
 Concen: 0.957 ug/l
 RT: 4.55 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Tgt Ion: 84 Resp: 3107
 Ion Ratio Lower Upper
 84 100
 49 109.8 93.5 140.3
 51 34.3 28.6 43.0
 86 64.2 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 0.924 ug/l

RT: 5.02 min Scan# 1011

Delta R.T. -0.01 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 96 Resp: 2758

Ion Ratio Lower Upper

96 100

61 108.3 107.8 161.8

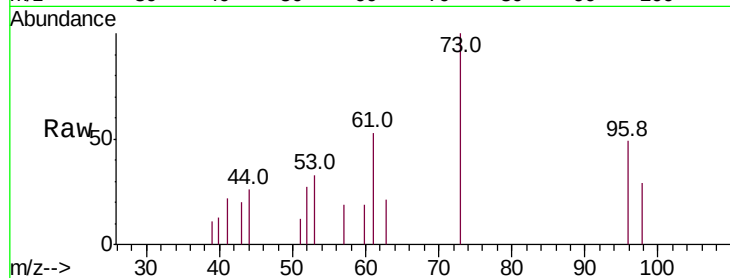
98 59.4 49.8 74.8

Manual Integrations

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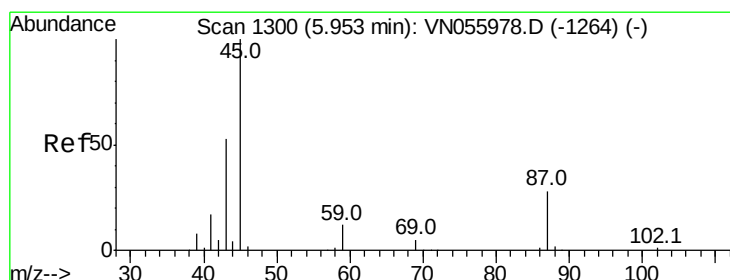
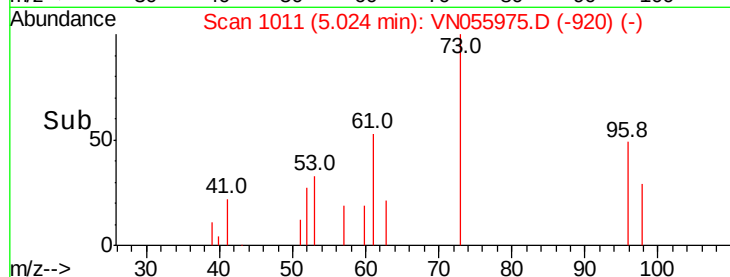
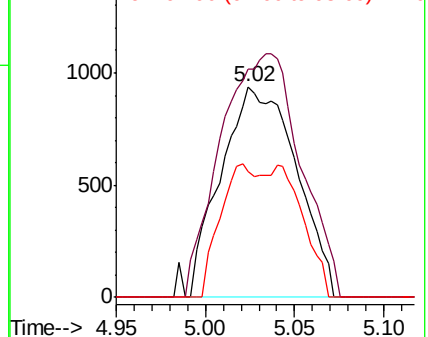


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 0.985 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Tgt Ion: 45 Resp: 8953

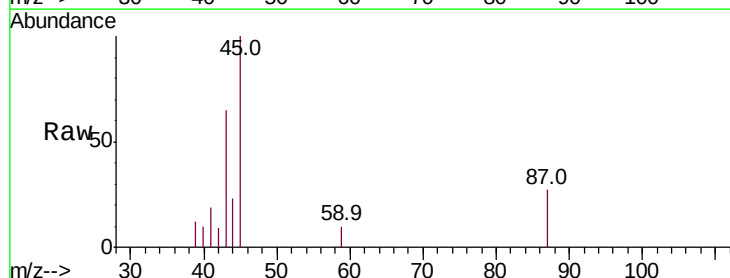
Ion Ratio Lower Upper

45 100

43 54.0 45.0 67.6

87 26.6 22.2 33.4

59 9.7 9.1 13.7



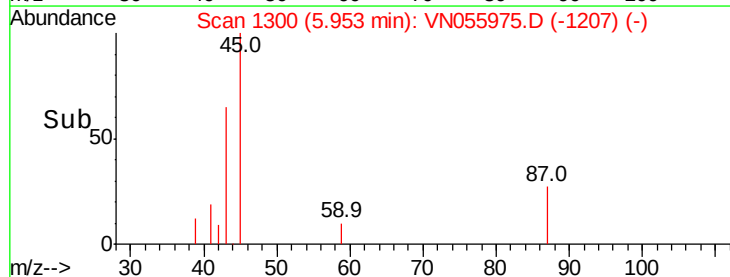
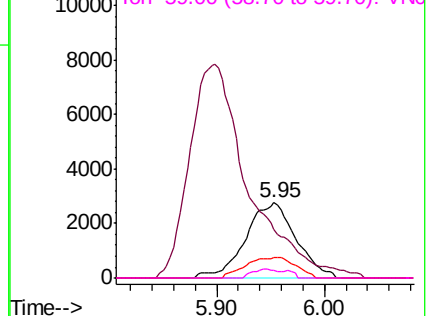
Abundance

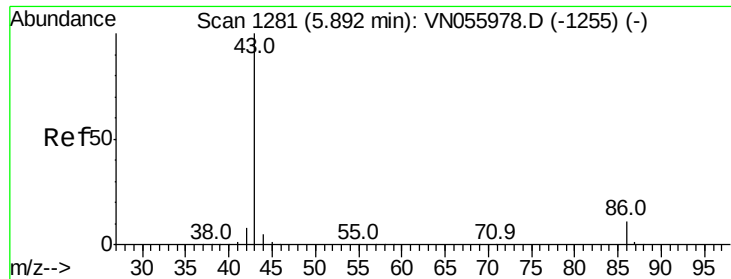
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





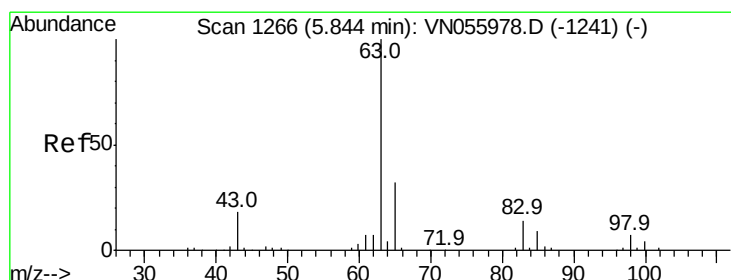
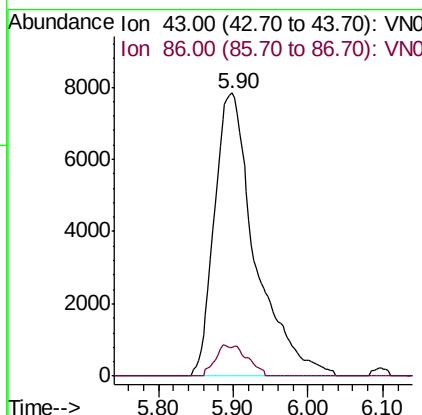
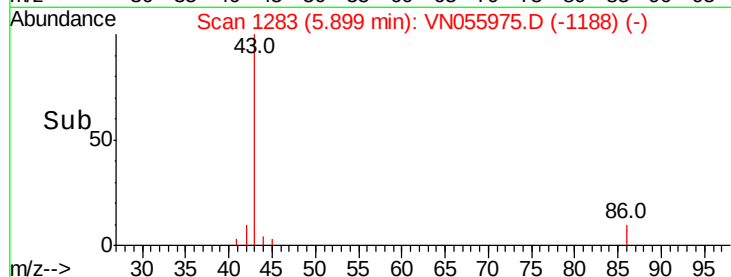
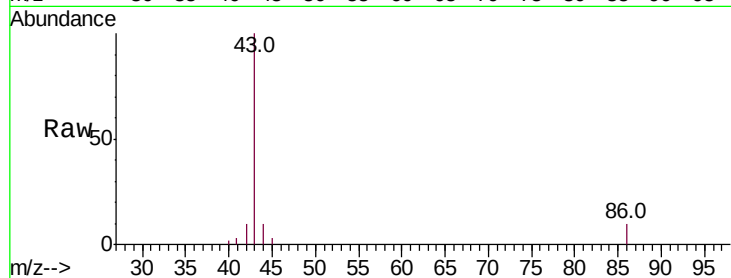
#23
 Vinyl Acetate
 Concen: 4.156 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	43	86	Ratio	100	10.2	Resp	29754	Lower	8.6	Upper	13.0
Ion	43	86	Ratio	100	10.2	Resp	29754	Lower	8.6	Upper	13.0

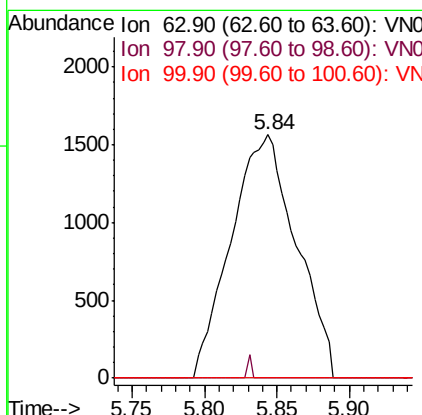
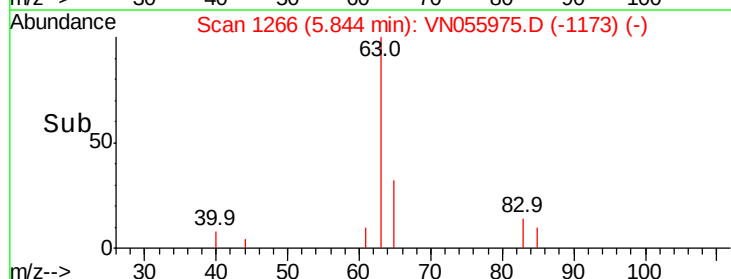
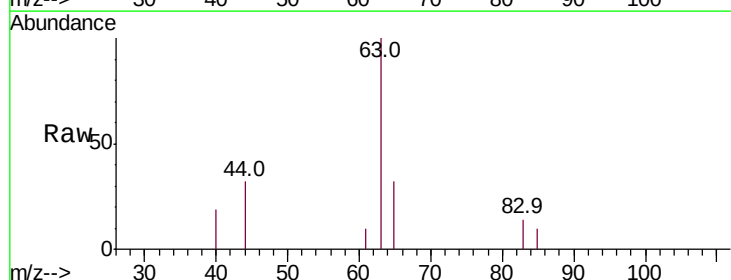
Manual Integrations
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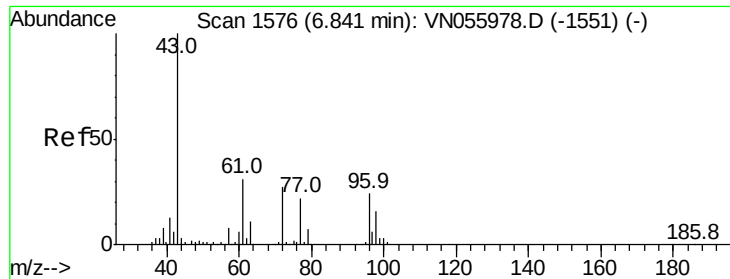
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 0.933 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Tgt Ion	63	98	100	Ratio	100	0.0	0.0	Resp	4892	Lower	3.4	2.2	Upper	10.1#	6.6#
Ion	63	98	100	Ratio	100	0.0	0.0	Resp	4892	Lower	3.4	2.2	Upper	10.1#	6.6#





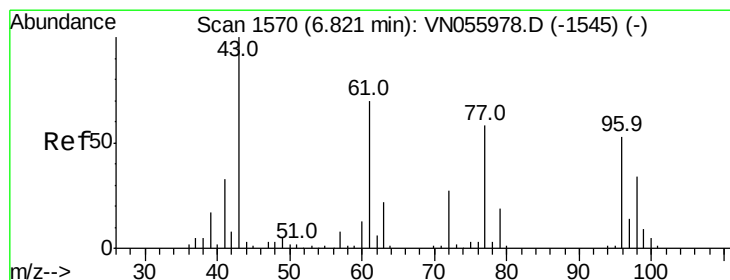
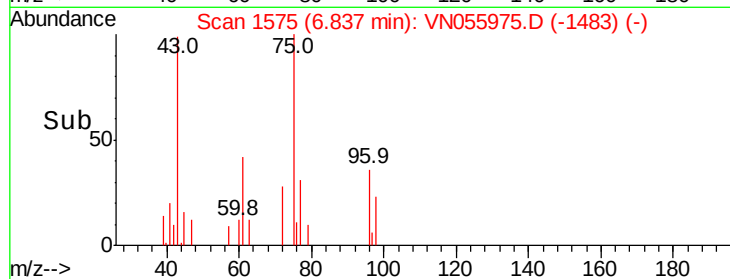
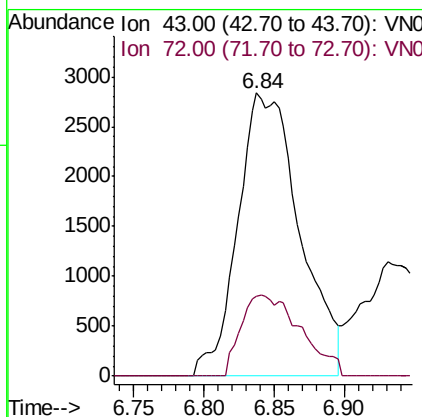
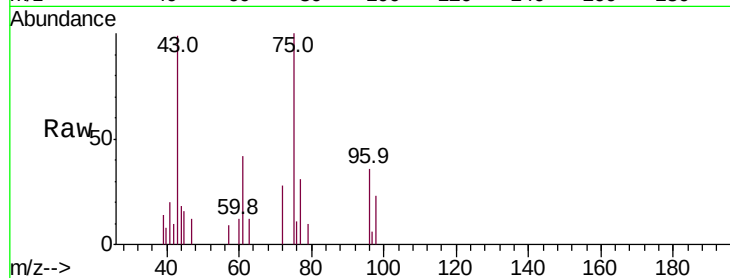
#25
2-Butanone
Concen: 4.382 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
72	28.2	21.9	32.9

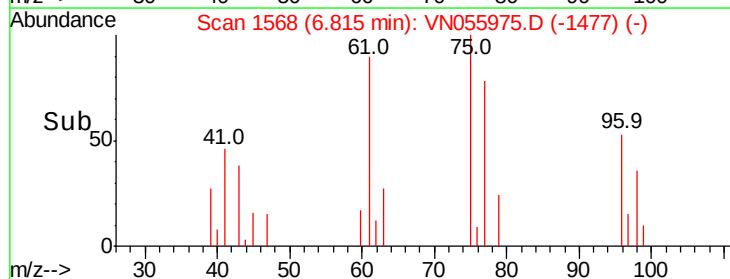
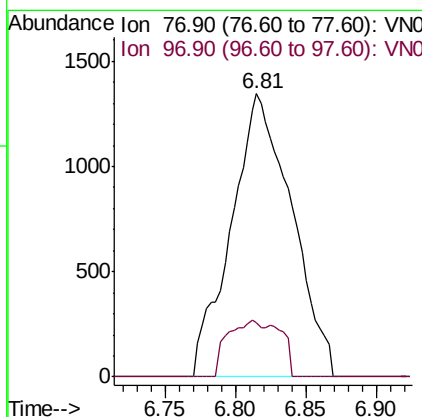
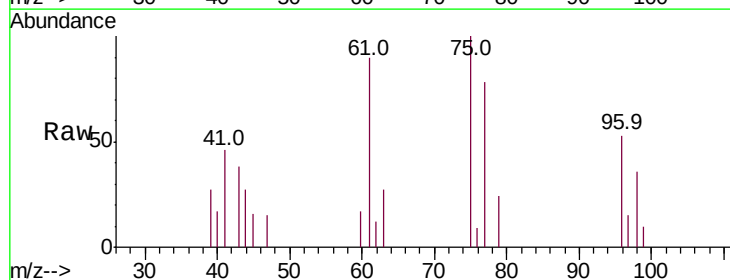
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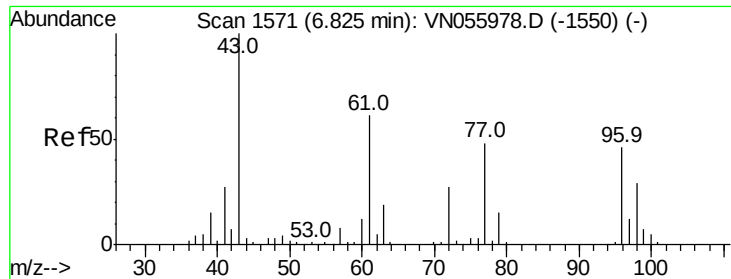
MMDadoda
6/5/2019 4:03:21 PM



#26
2,2-Dichloropropane
Concen: 0.984 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Tgt Ion	Ratio	Lower	Upper
77	100		
97	12.1	12.2	36.6#





#27

cis-1,2-Dichloroethene

Concen: 0.928 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.01 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

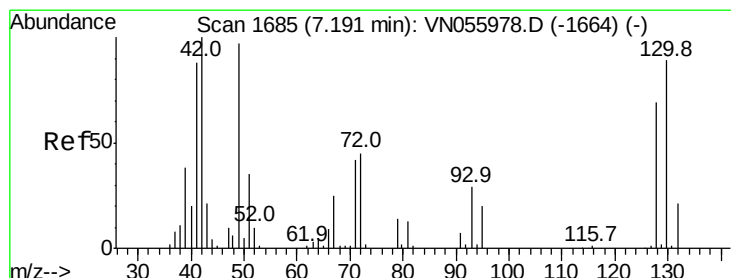
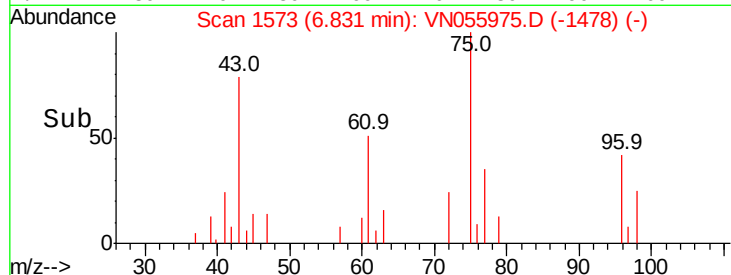
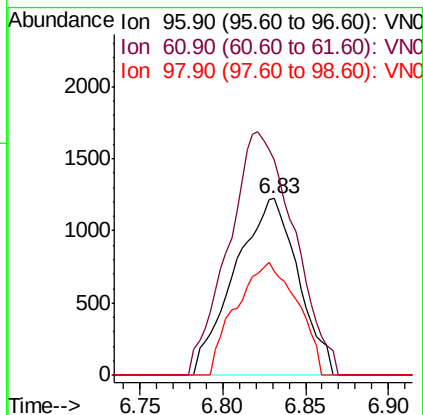
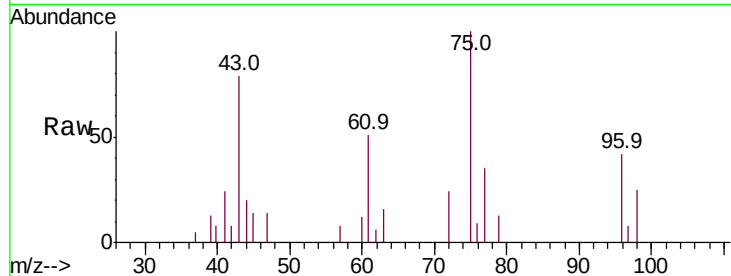
ClientSampled :

VSTDIC001

Tot Ion:	96	Resp:	3256
Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	275.8
98	60.9	0.0	128.4

Manual Integrations
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6/5/2019 4:03:21 PM



#28

Bromochloromethane

Concen: 0.947 ug/l

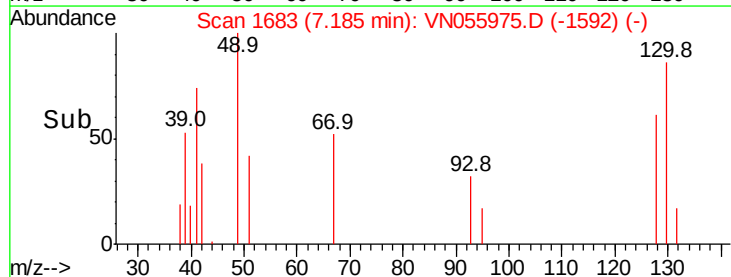
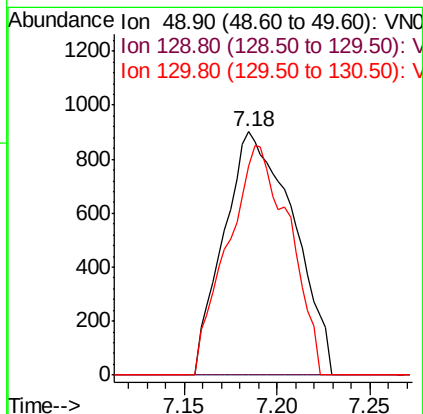
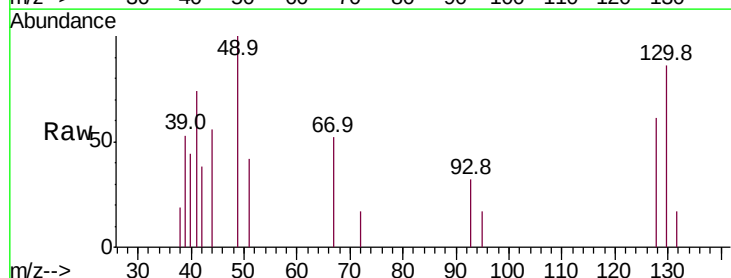
RT: 7.18 min Scan# 1683

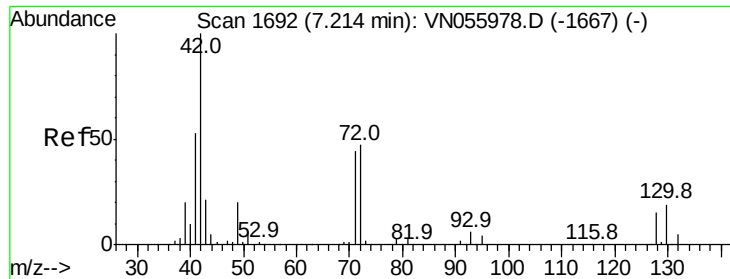
Delta R.T. -0.01 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Tgt Ion:	49	Resp:	2349
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	83.9	71.2	106.8





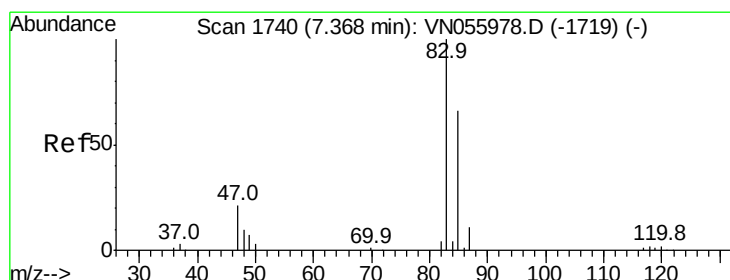
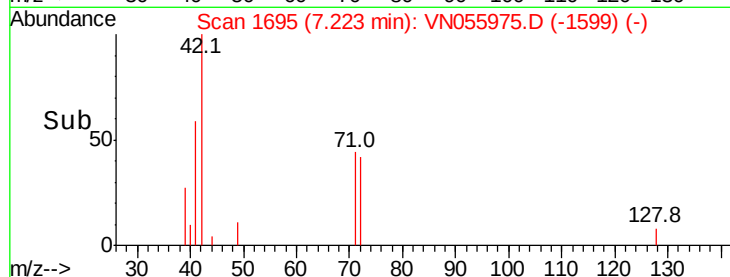
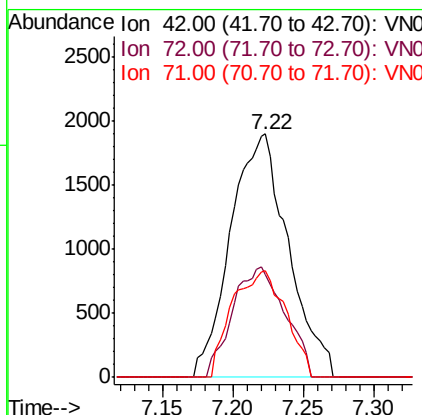
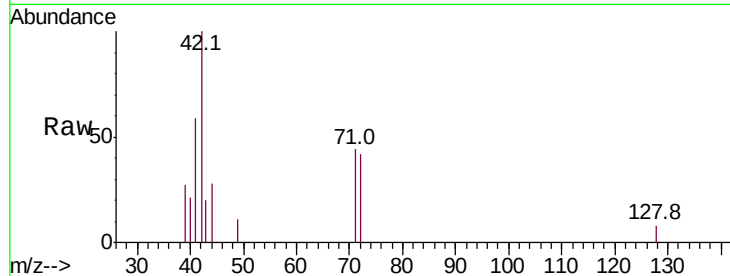
#29
Tetrahydrofuran
Concen: 4.409 ug/l
RT: 7.22 min Scan# 1695
Delta R.T. 0.01 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	35.9	53.9
71	40.7	34.0	51.0

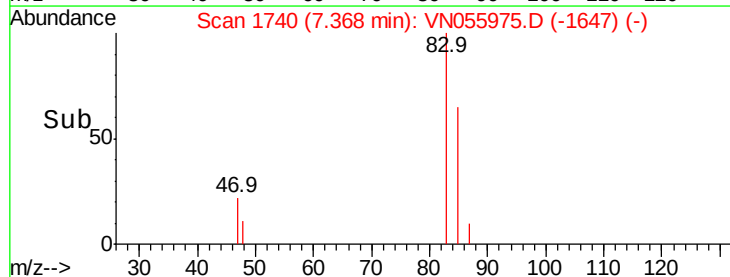
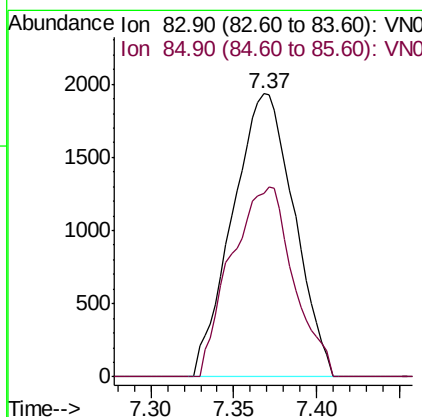
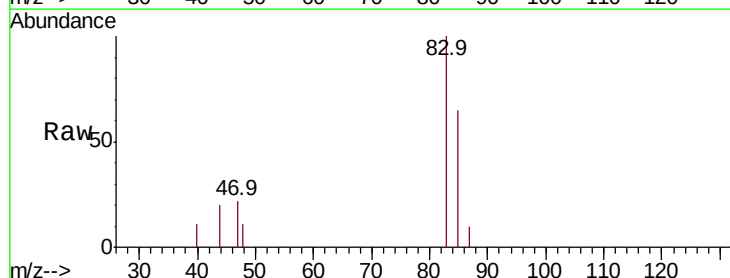
Manual Integrations
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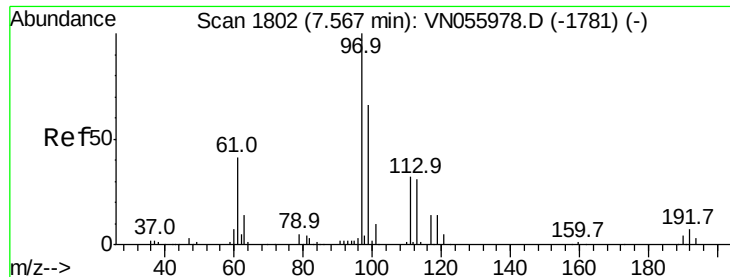
MMDadoda
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#30
Chloroform
Concen: 0.947 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.8





#32

1,1,1-Trichloroethane

Concen: 0.897 ug/l

RT: 7.56 min Scan# 1800

Delta R.T. -0.01 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

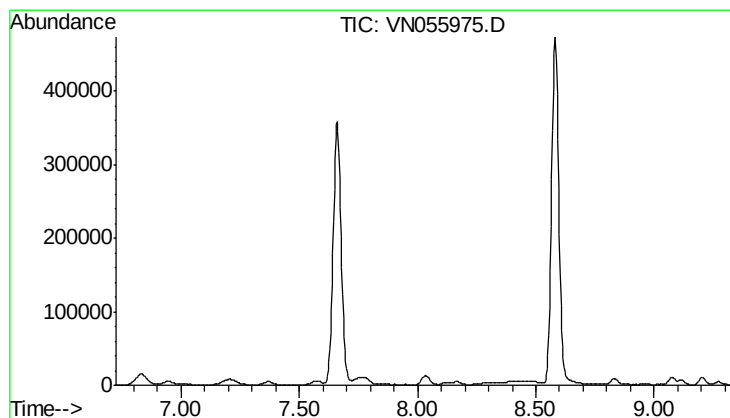
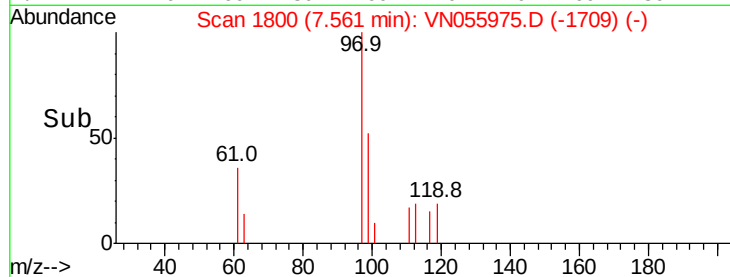
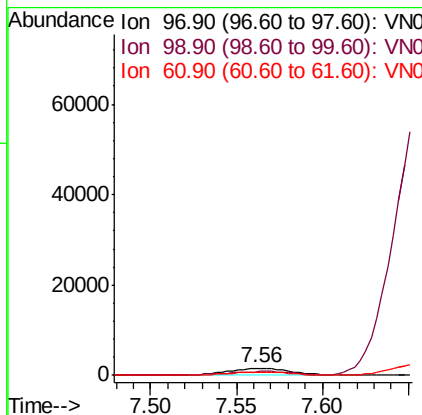
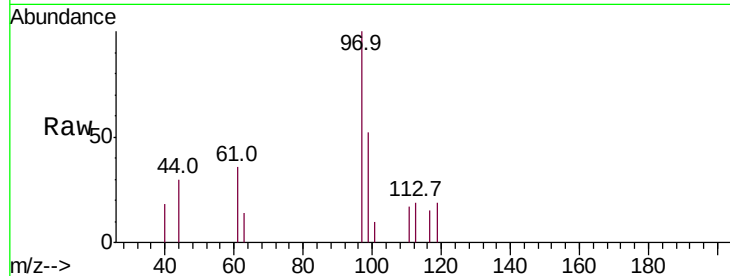
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
97	100		
99	0.0	52.0	78.0#
61	18.7	32.9	49.3#

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.02 min

Lab File: VN055975.D

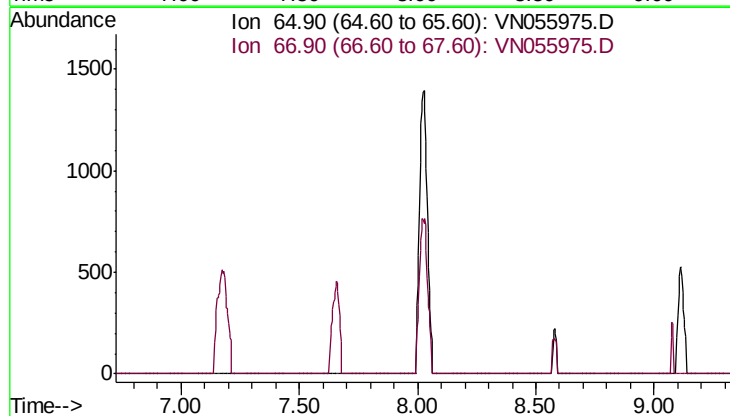
Acq: 4 Jun 2019 8:22

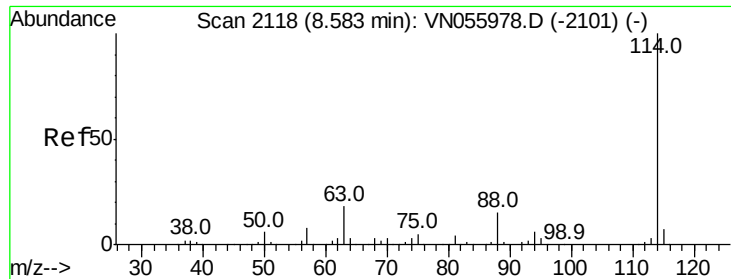
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.6





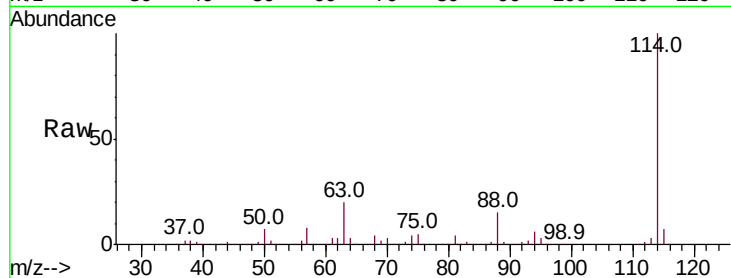
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2117
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

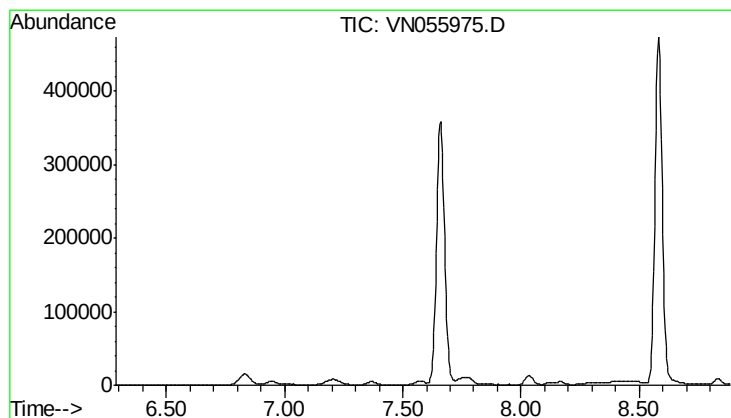
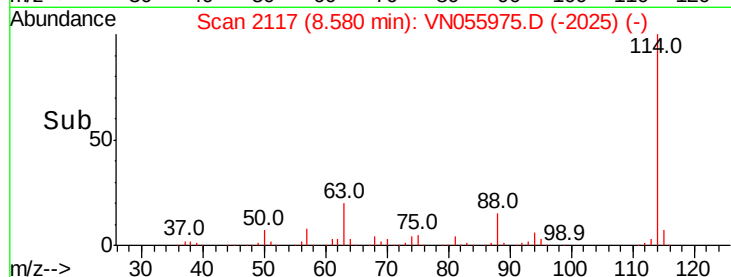
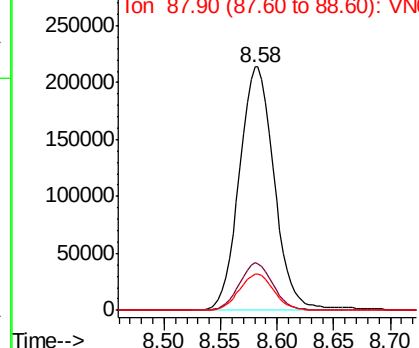
Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.6	0.0	39.2
88	14.8	0.0	31.0

Manual Integrations
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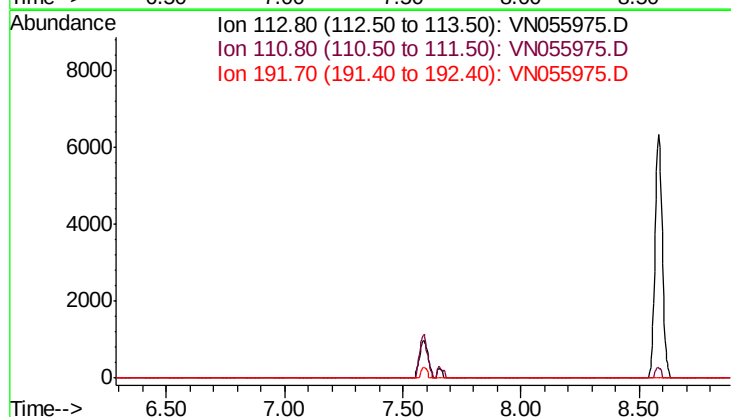


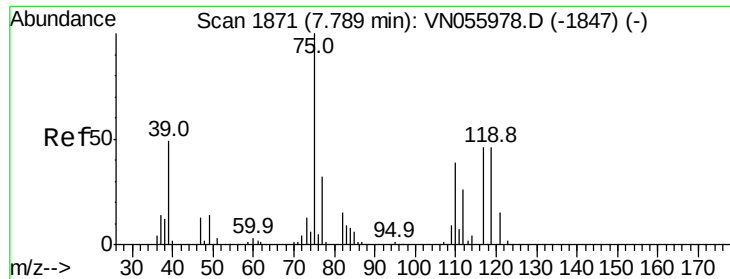
Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.59 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Tgt Ion	Exp Ratio
113	100
111	102.4
192	24.4





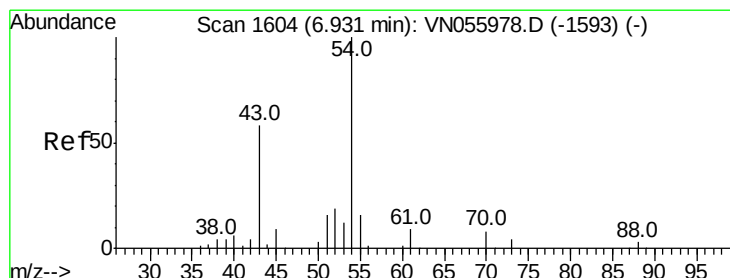
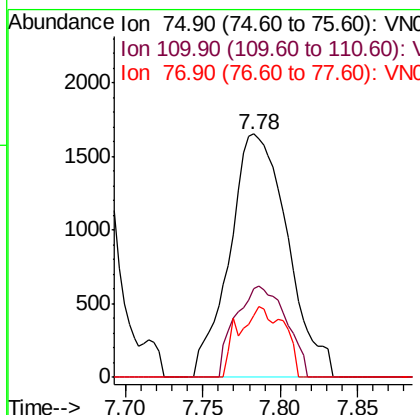
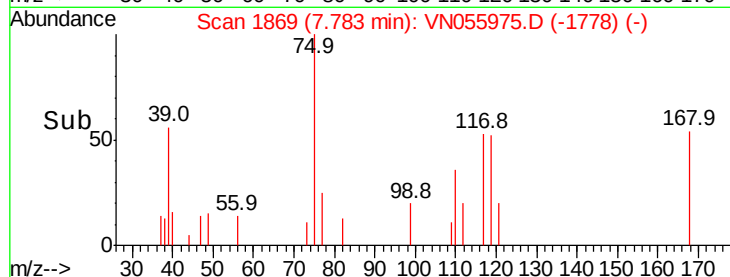
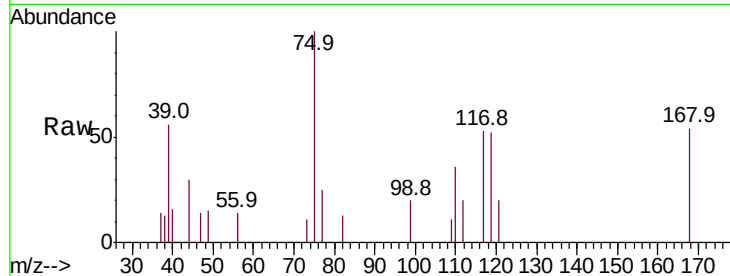
#36
 1,1-Dichloropropene
 Concen: 1.093 ug/l
 RT: 7.78 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.7	19.0	57.0
77	22.3	25.1	37.7#

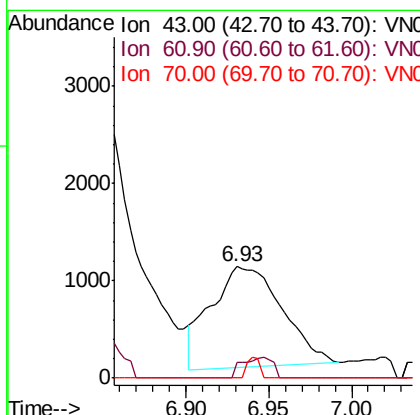
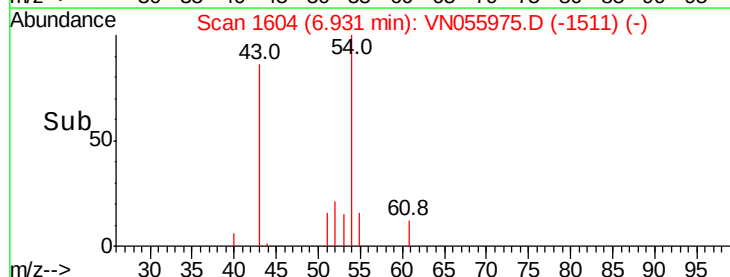
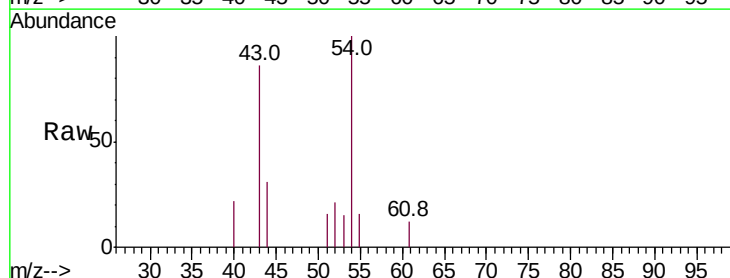
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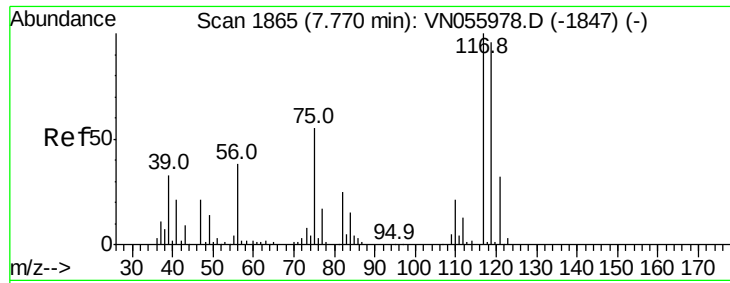
MMDadoda
 6/5/2019 4:03:21 PM



#37
 Ethyl Acetate
 Concen: 0.879 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	9.0	12.2	18.2#
70	3.6	8.9	13.3#





#38

Carbon Tetrachloride

Concen: 0.993 ug/l

RT: 7.76 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

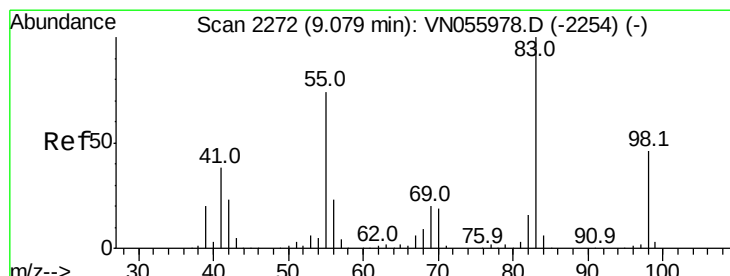
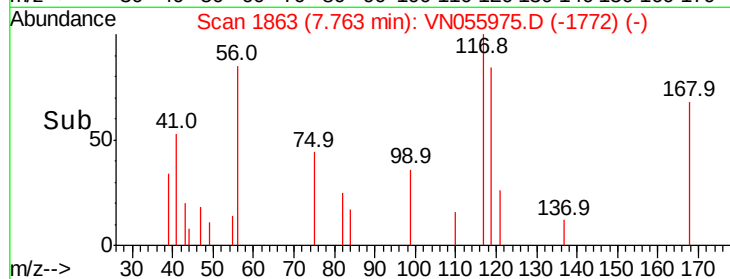
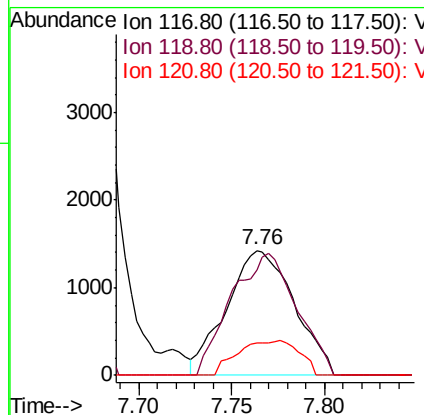
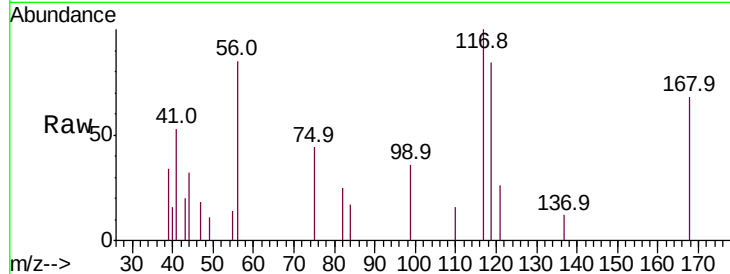
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	3612
Ion	Ratio	Lower	Upper
117	100		
119	84.3	79.0	118.6
121	25.9	24.7	37.1

Manual Integrations
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#39

Methylcyclohexane

Concen: 0.997 ug/l

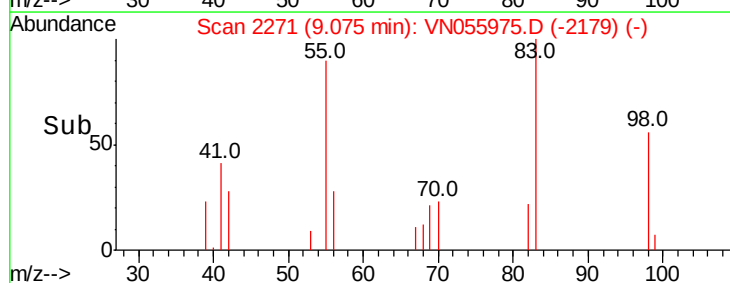
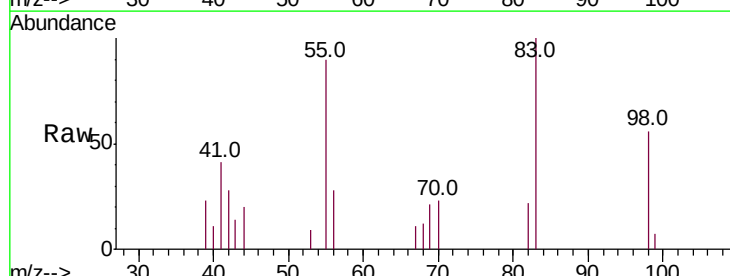
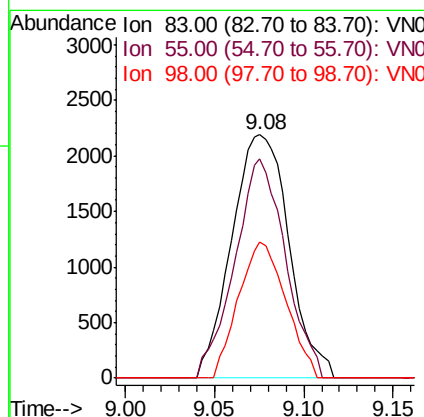
RT: 9.08 min Scan# 2271

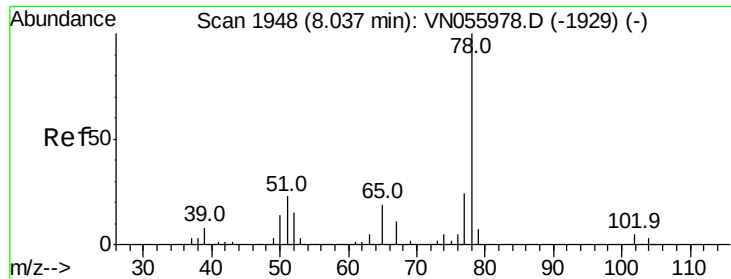
Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Tgt Ion:	83	Resp:	4901
Ion	Ratio	Lower	Upper
83	100		
55	90.3	59.3	88.9#
98	55.8	36.6	54.8#





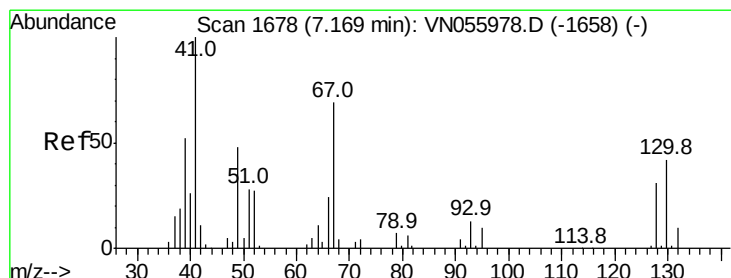
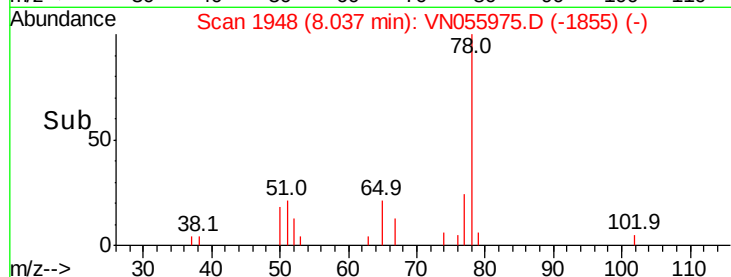
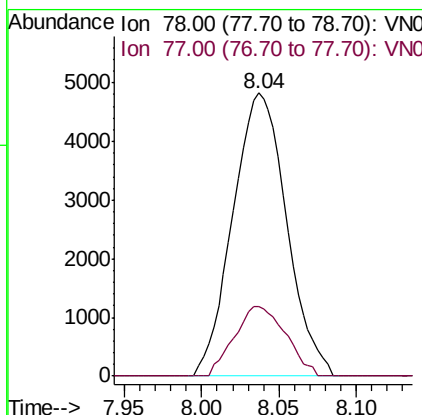
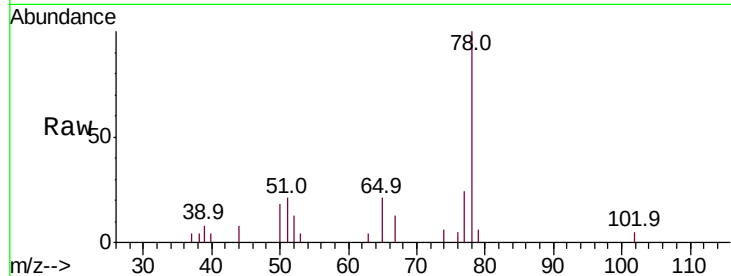
#40
Benzene
Concen: 0.973 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 11669
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2

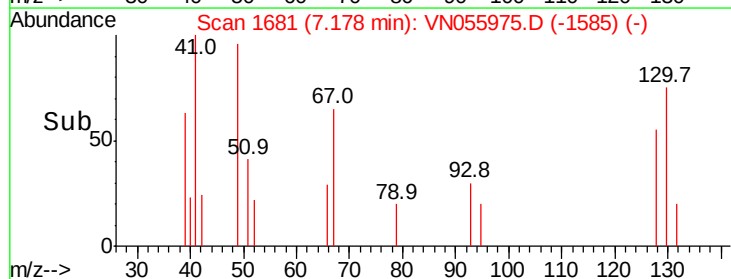
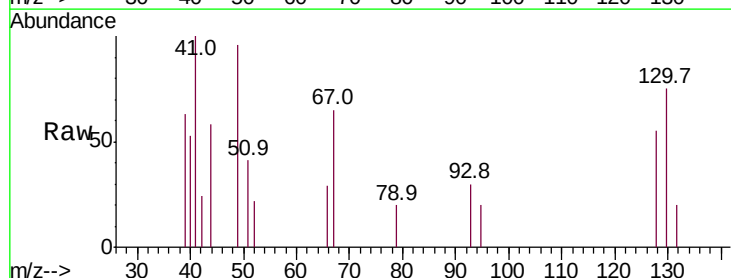
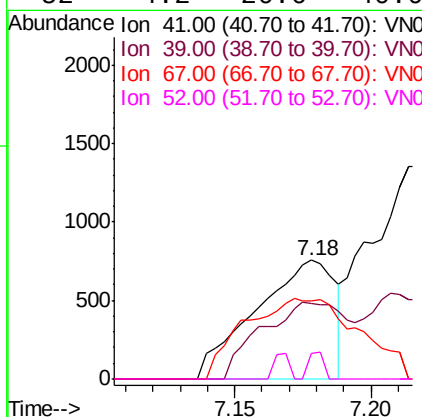
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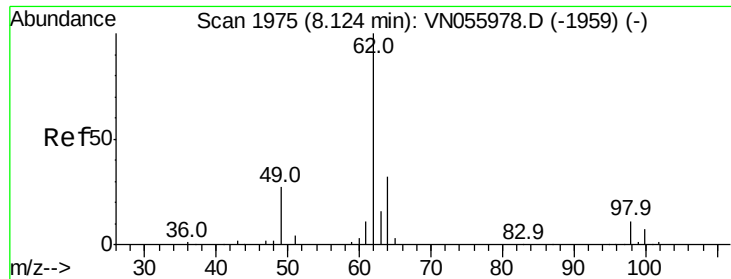
MMDadoda
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#41
Methacrylonitrile
Concen: 0.947 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Tgt Ion: 41 Resp: 1530
Ion Ratio Lower Upper
41 100
39 69.9 45.6 68.4#
67 0.0 67.7 101.5#
52 4.2 26.6 40.0#





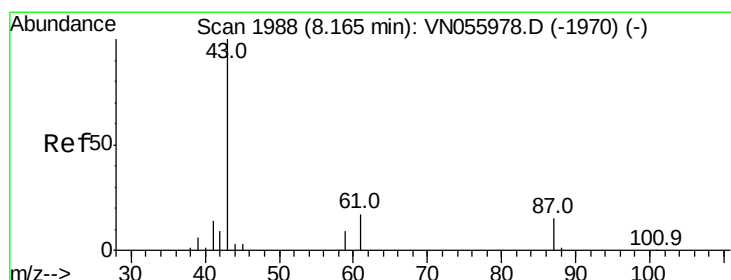
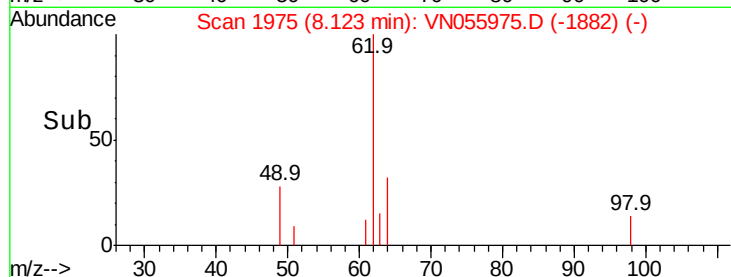
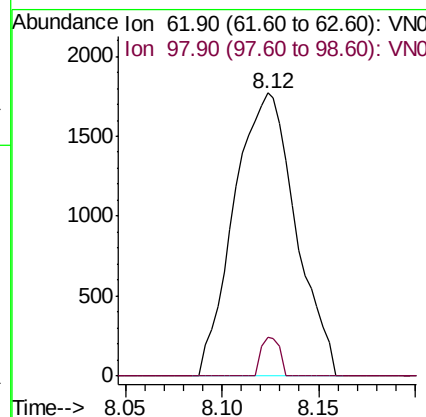
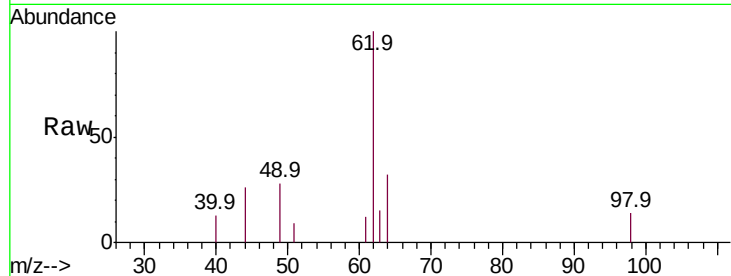
#42
 1,2-Dichloroethane
 Concen: 1.016 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	4.2	0.0	20.2

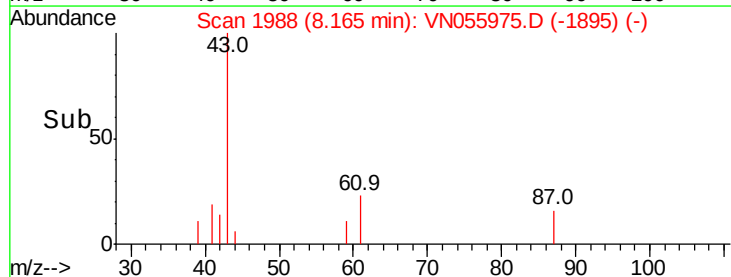
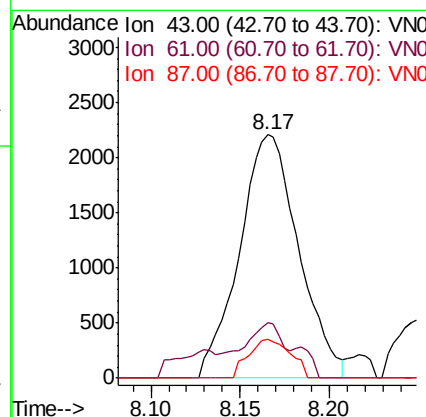
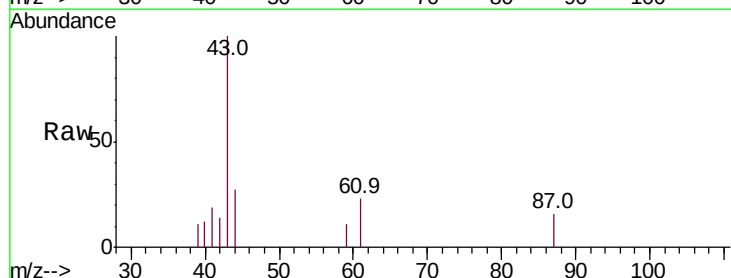
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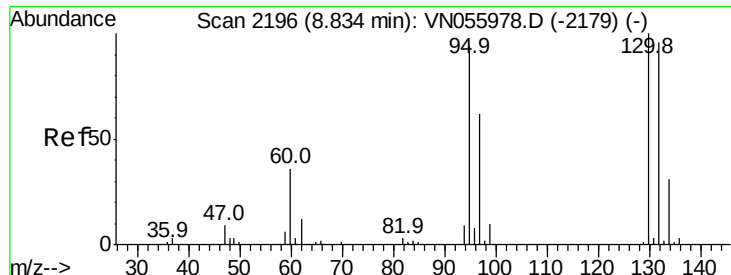
MMDadoda
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#43
 Isopropyl Acetate
 Concen: 0.898 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	6.4	22.2	33.4#
87	11.3	11.4	17.2#





#44

Trichloroethene

Concen: 1.007 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3470

Ion Ratio Lower Upper

130 100

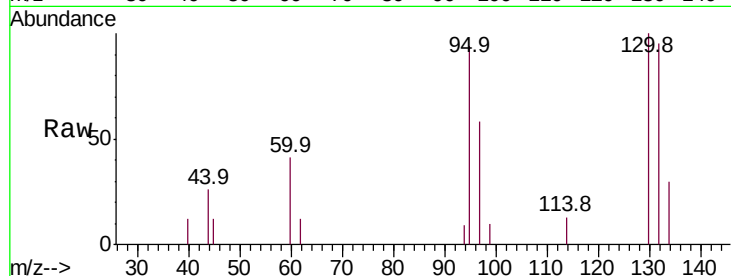
95 94.1 0.0 188.0

Manual Integrations

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN

2000

1500

1000

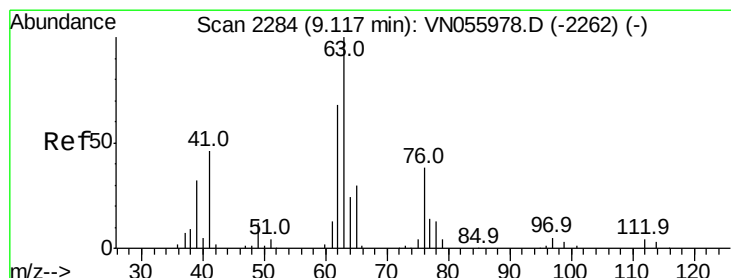
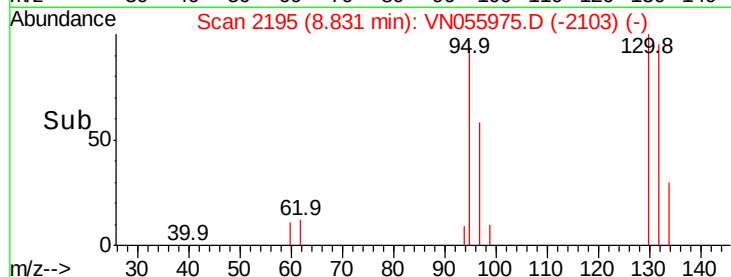
500

0

8.80 8.85

8.83

Time-->



#45

1,2-Dichloropropane

Concen: 0.978 ug/l

RT: 9.12 min Scan# 2284

Delta R.T. -0.00 min

Lab File: VN055975.D

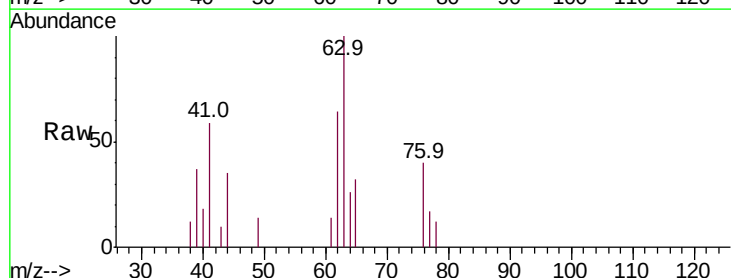
Acq: 4 Jun 2019 8:22

Tgt Ion: 63 Resp: 3003

Ion Ratio Lower Upper

63 100

65 31.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN

1500

1000

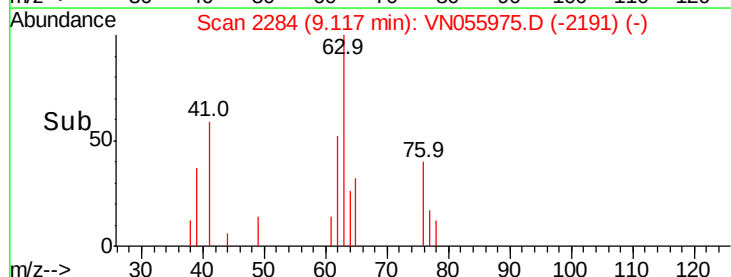
500

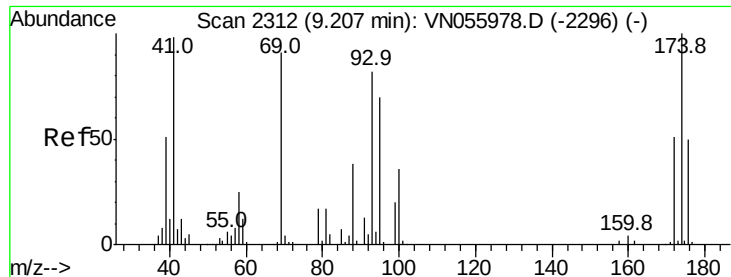
0

9.05 9.10 9.15

9.12

Time-->





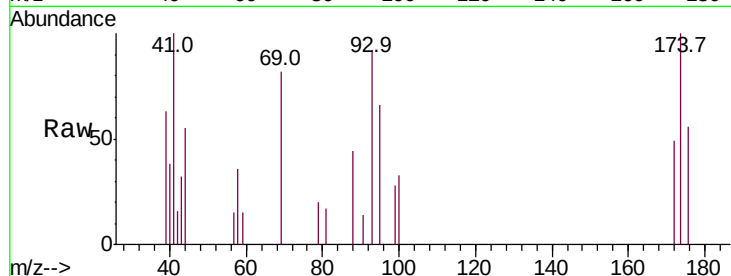
#46
Dibromomethane
Concen: 0.941 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

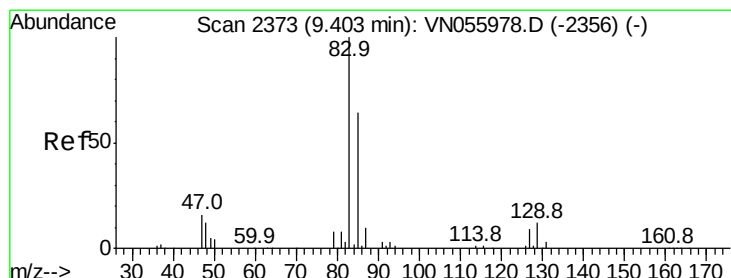
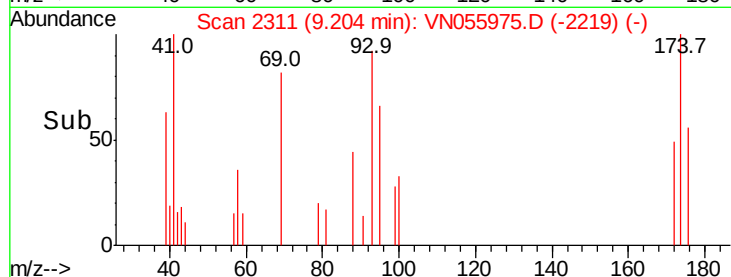
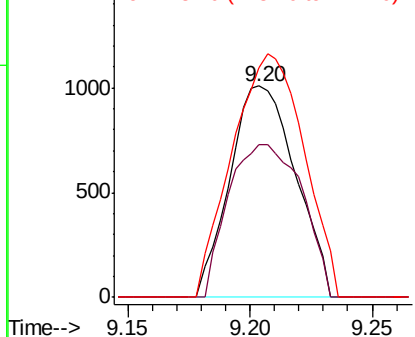
Tot Ion: 93 Resp: 1890
Ion Ratio Lower Upper
93 100
95 81.1 66.7 100.1
174 125.6 96.4 144.6

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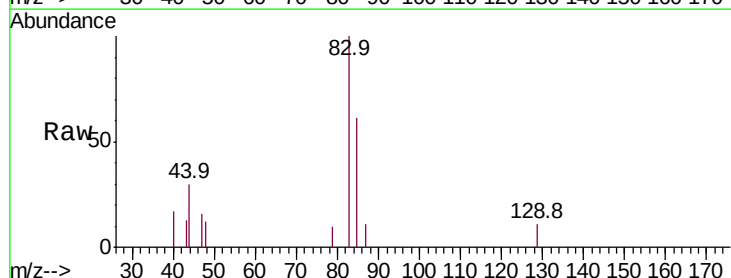


Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

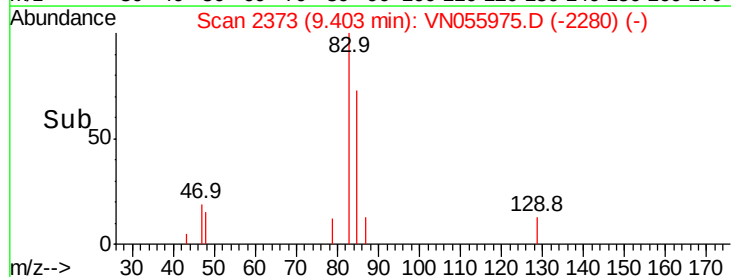
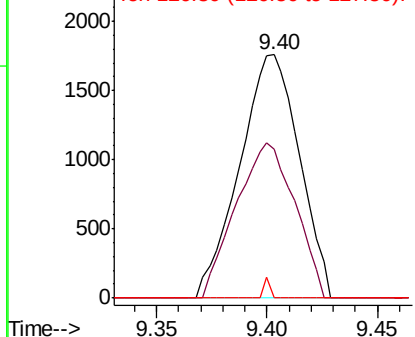


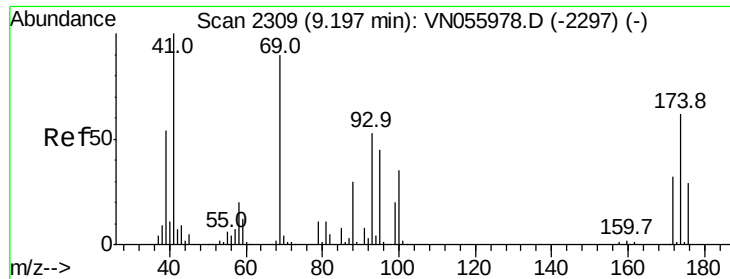
#47
Bromodichloromethane
Concen: 0.909 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Tgt Ion: 83 Resp: 3306
Ion Ratio Lower Upper
83 100
85 60.9 52.2 78.2
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V





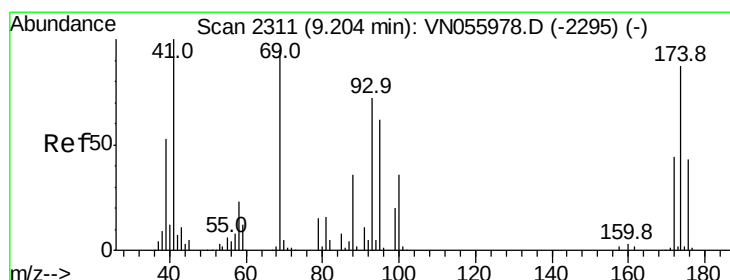
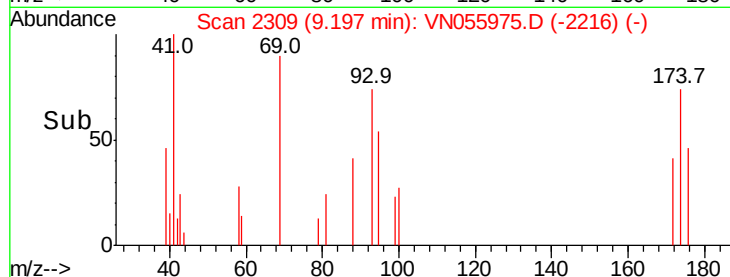
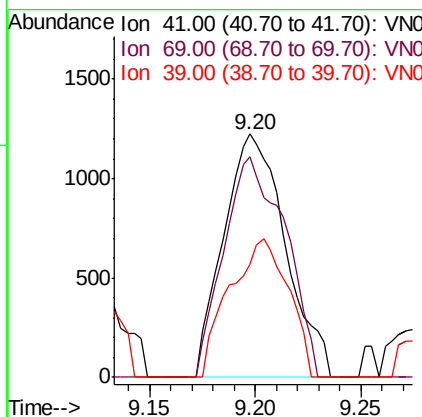
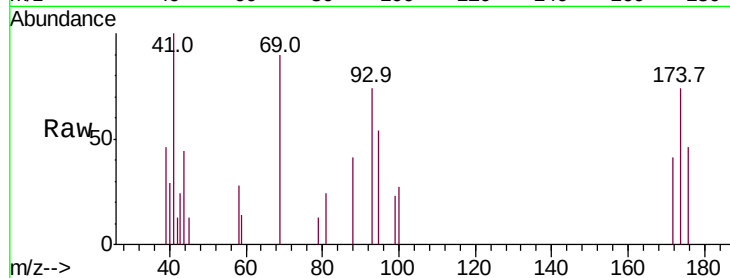
#48
Methvl methacrylate
Concen: 0.897 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	90.0	71.0	106.6
39	53.9	44.2	66.2

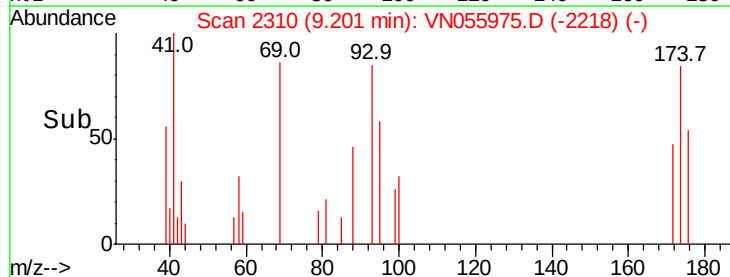
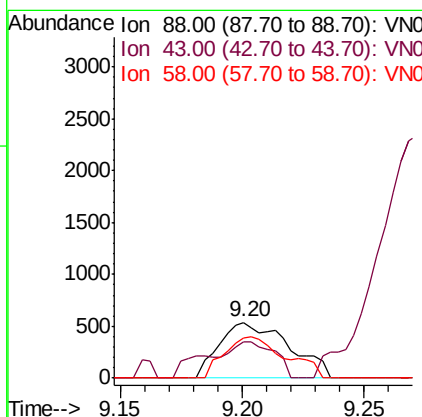
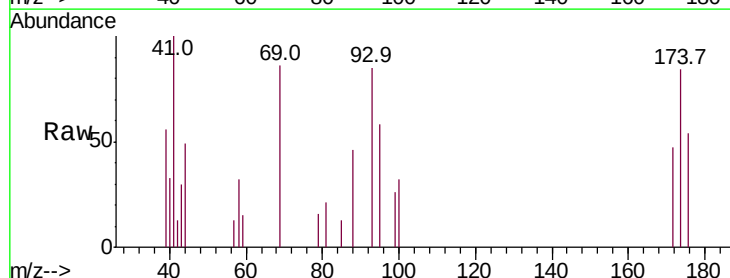
Manual Integrations
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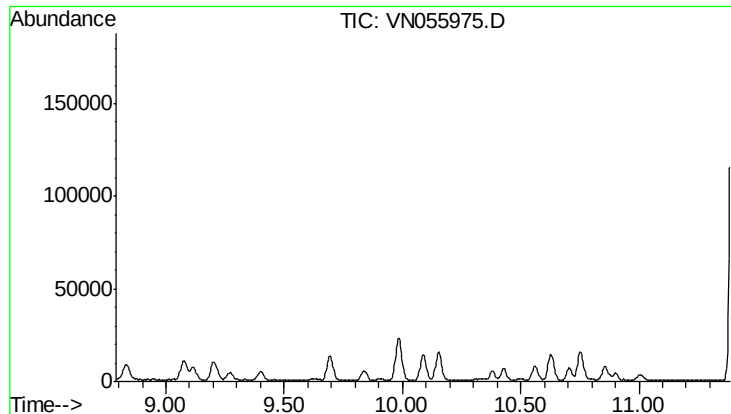
MMDadoda
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#49
1,4-Dioxane
Concen: 17.753 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Tgt Ion	Ratio	Lower	Upper
88	100		
43	41.4	20.5	30.7#
58	64.9	55.8	83.6





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.09 min

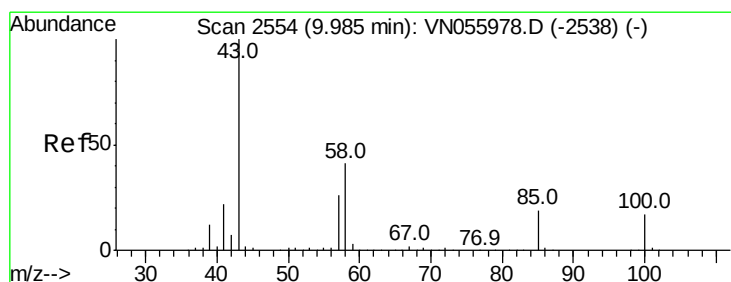
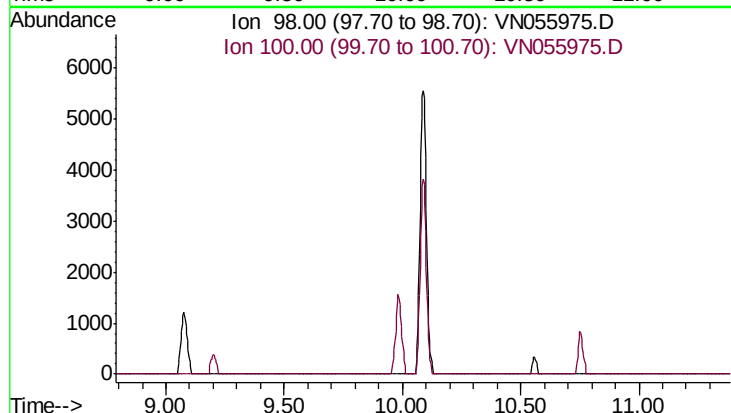
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
APPROVED

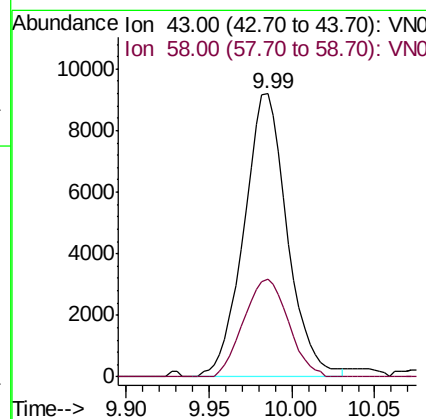
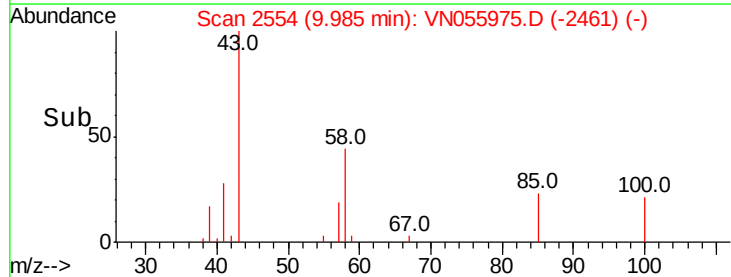
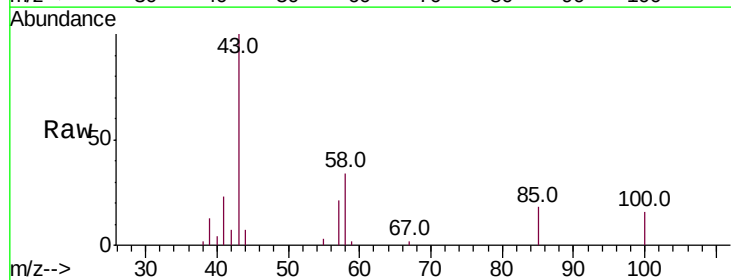
MMDadoda
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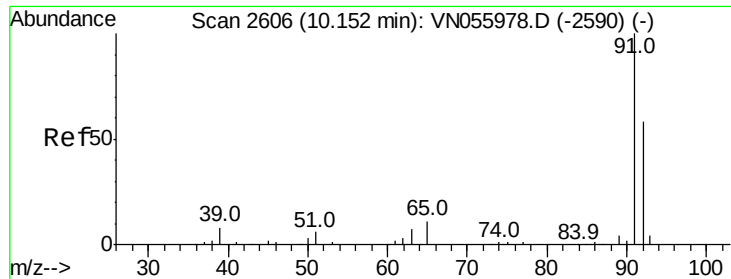
Tot Ion: 98
Sig Exp Ratio
98 100
100 64.9



#51
4-Methyl-2-Pentanone
Concen: 4.715 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Tgt Ion: 43 Resp: 16778
Ion Ratio Lower Upper
43 100
58 35.6 32.1 48.1





#52

Toluene

Concen: 0.908 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 6773

Ion Ratio Lower Upper

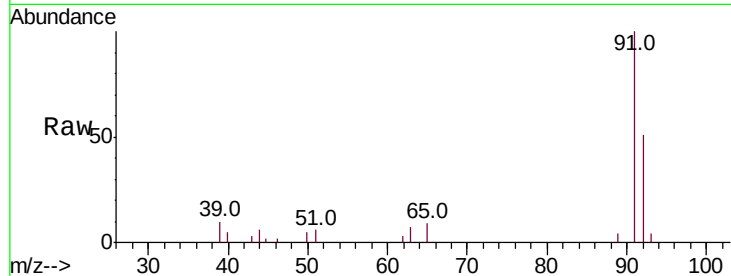
92 100

91 192.3 139.4 209.2

Manual Integrations
APPROVED

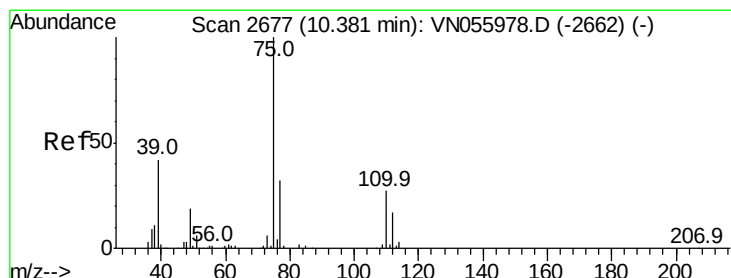
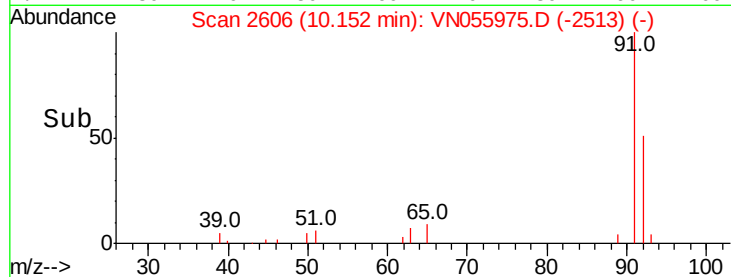
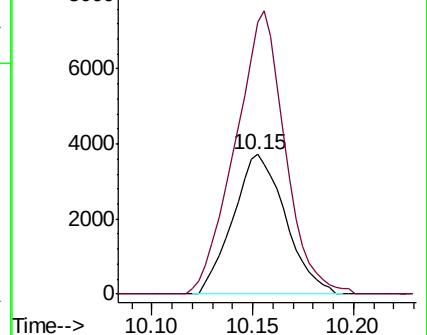
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Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



#53

t-1,3-Dichloropropene

Concen: 0.774 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055975.D

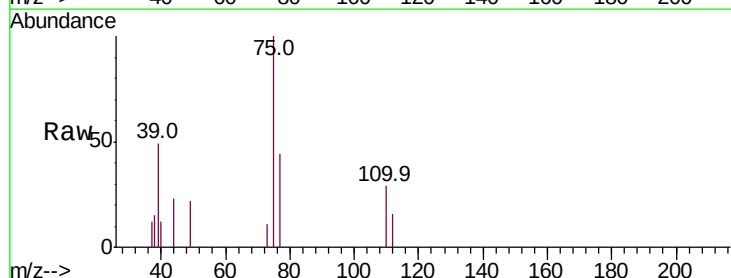
Acq: 4 Jun 2019 8:22

Tgt Ion: 75 Resp: 2924

Ion Ratio Lower Upper

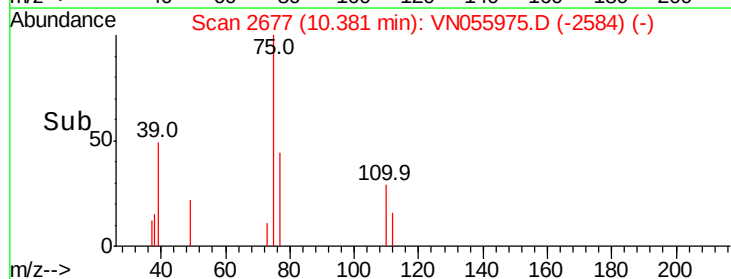
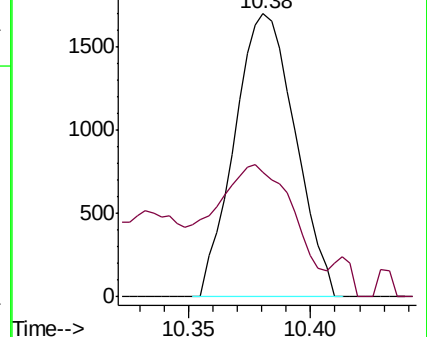
75 100

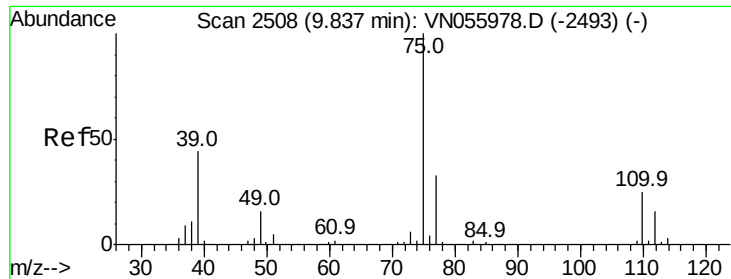
77 30.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0





#54

cis-1,3-Dichloropropene

Concen: 0.791 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

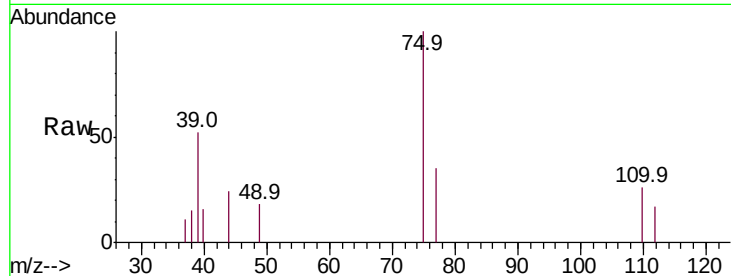
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	3459
Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.4	38.0
39	52.0	36.3	54.5

Manual Integrations
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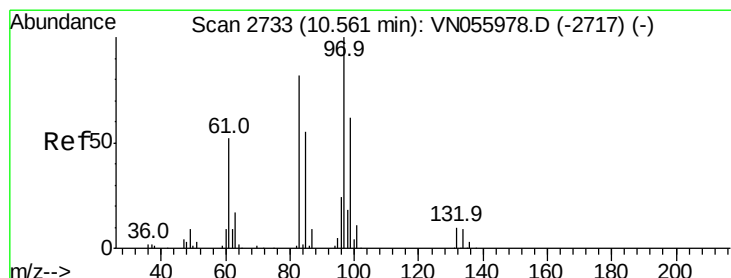
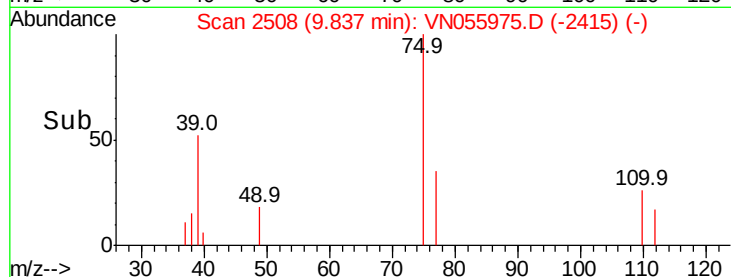
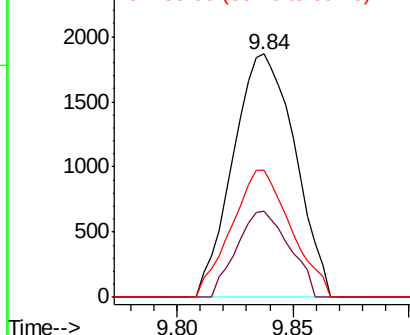


Abundance

Ion 74.90 (74.60 to 75.60): VNO

Ion 76.90 (76.60 to 77.60): VNO

Ion 39.00 (38.70 to 39.70): VNO



#55

1,1,2-Trichloroethane

Concen: 0.911 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Tgt Ion:	97	Resp:	2693
Ion	Ratio	Lower	Upper
97	100		
83	80.6	67.0	100.6
85	54.5	44.0	66.0
99	63.7	50.6	75.8

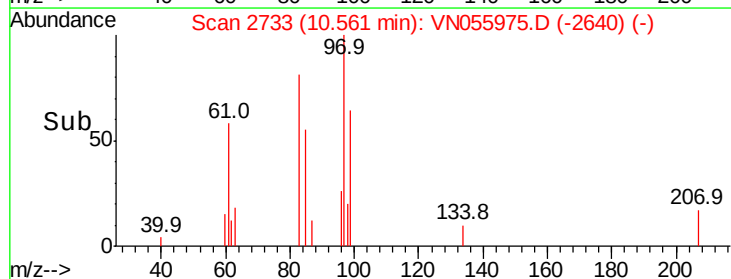
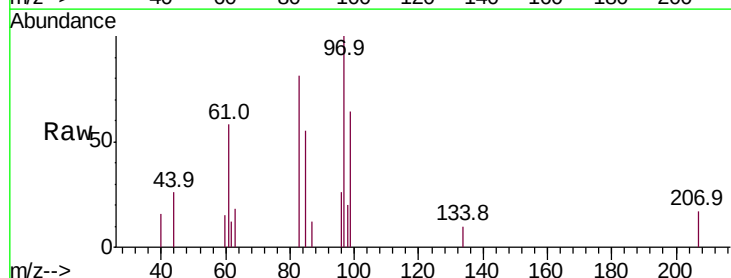
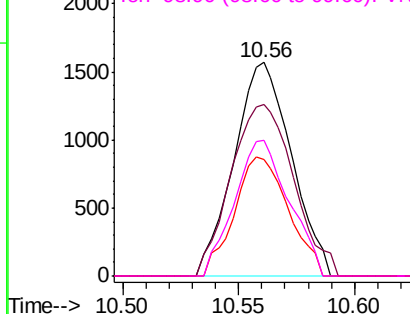
Abundance

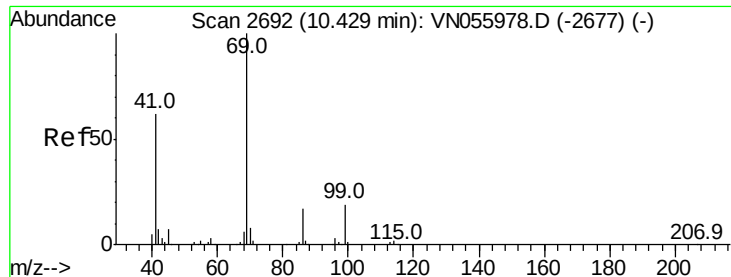
Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO





#56

Ethyl methacrylate

Concen: 0.856 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

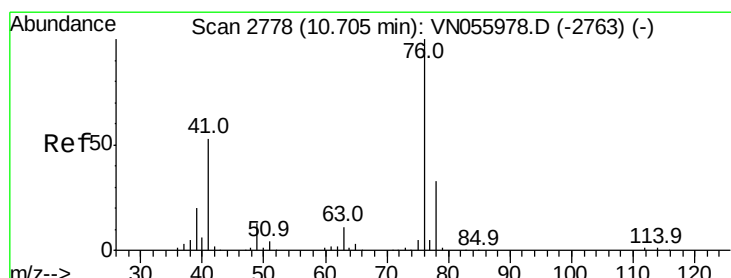
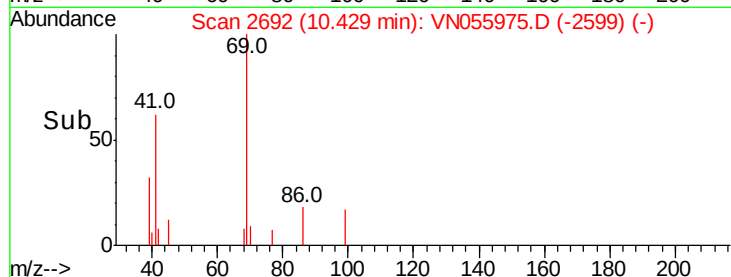
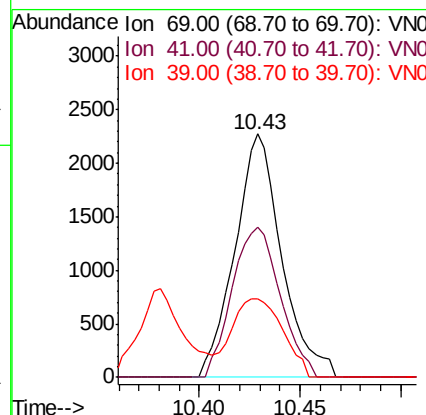
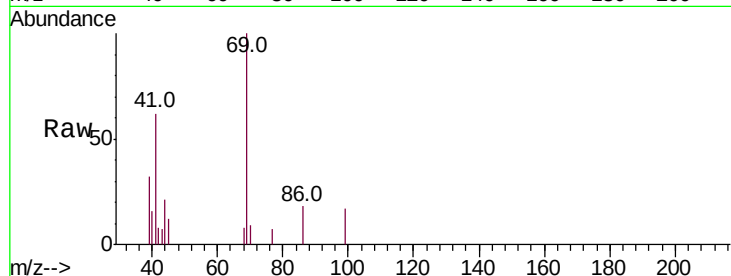
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	3690
Ion	Ratio	Lower	Upper
69	100		
41	63.3	49.7	74.5
39	35.7	24.7	37.1

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.930 ug/l

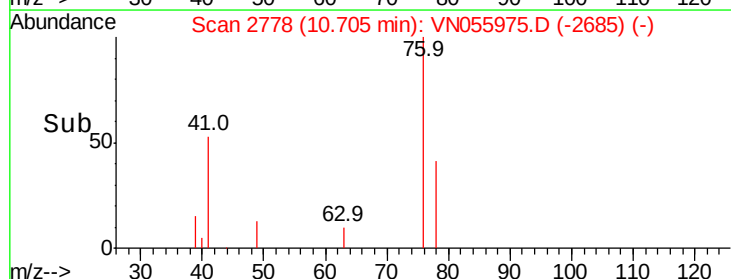
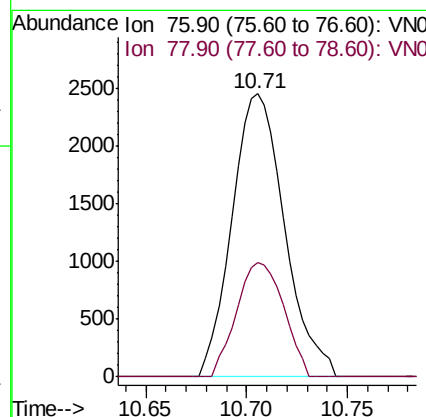
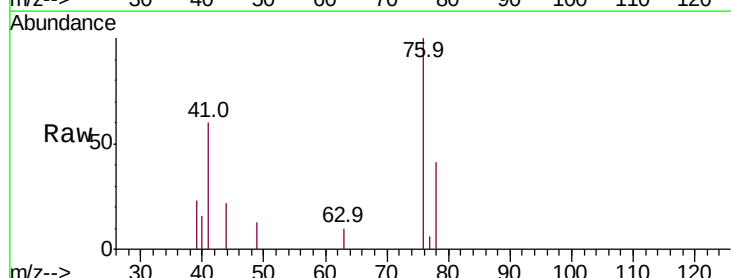
RT: 10.71 min Scan# 2778

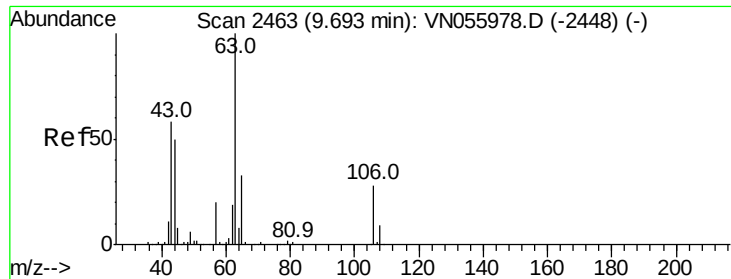
Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Tgt Ion:	76	Resp:	4466
Ion	Ratio	Lower	Upper
76	100		
78	36.4	25.8	38.6





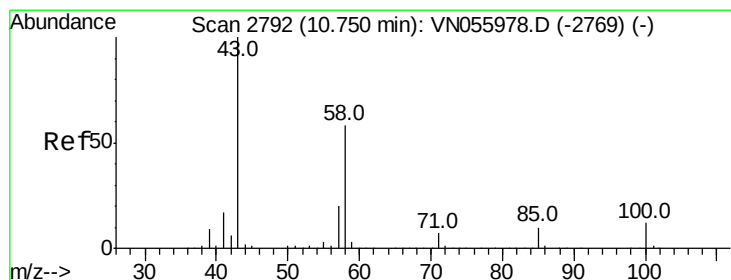
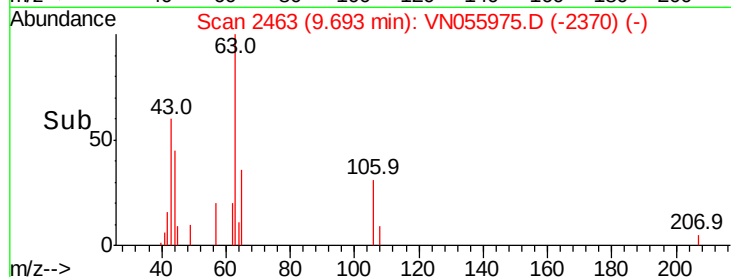
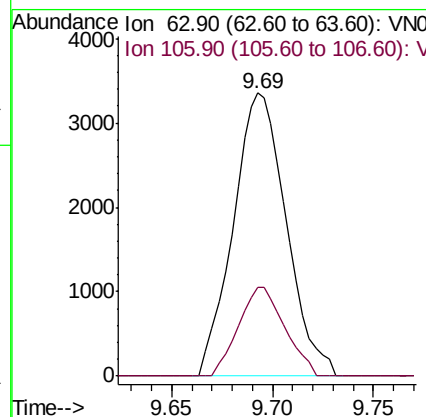
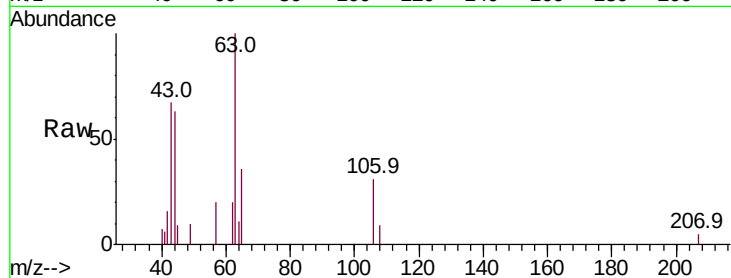
#58
2-Chloroethyl Vinyl ether
Concen: 4.055 ug/l
RT: 9.69 min Scan# 2463
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 6135
Ion Ratio Lower Upper
63 100
106 27.6 22.7 34.1

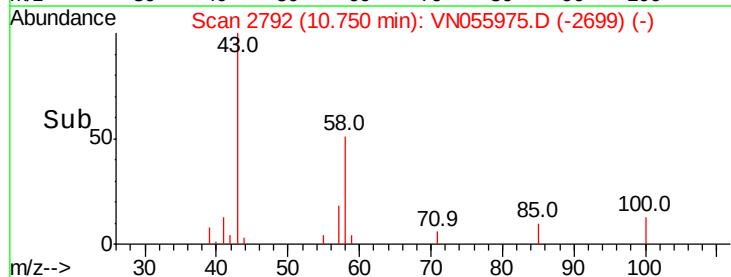
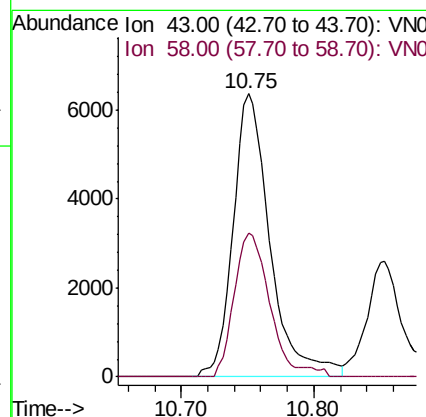
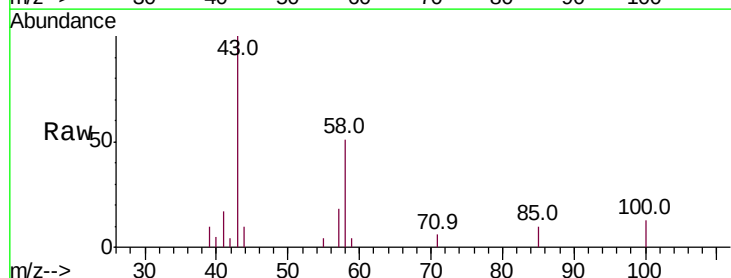
Manual Integrations
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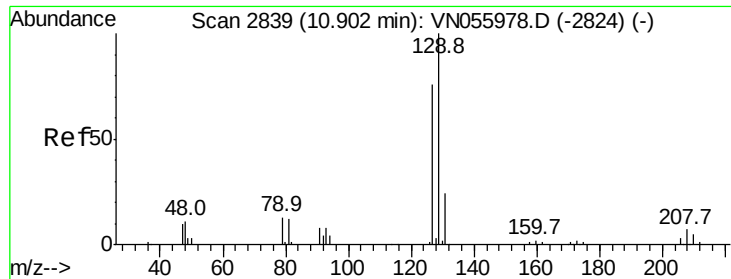
MMDadoda
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#59
2-Hexanone
Concen: 4.782 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Tgt Ion: 43 Resp: 12334
Ion Ratio Lower Upper
43 100
58 47.3 28.2 84.7





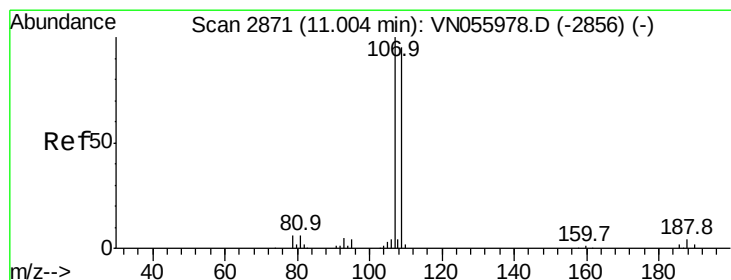
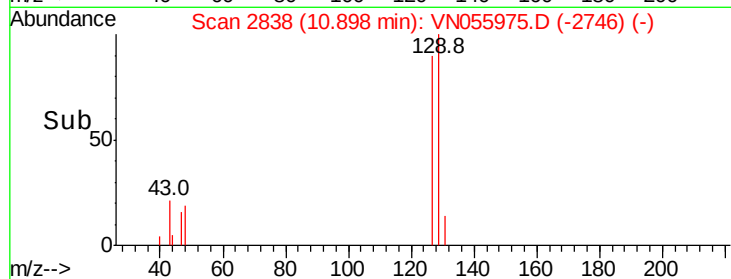
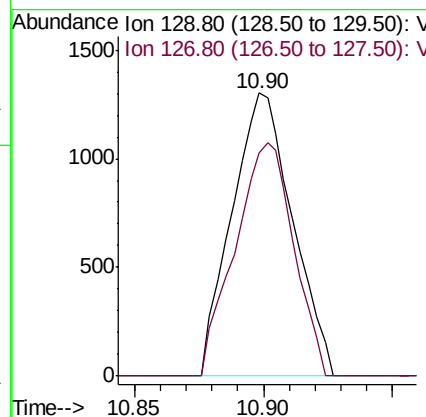
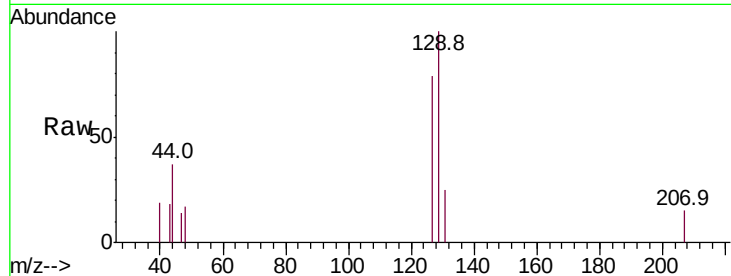
#60
 Dibromochloromethane
 Concen: 0.748 ug/l
 RT: 10.90 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:129 Resp: 2136
 Ion Ratio Lower Upper
 129 100
 127 79.4 38.1 114.3

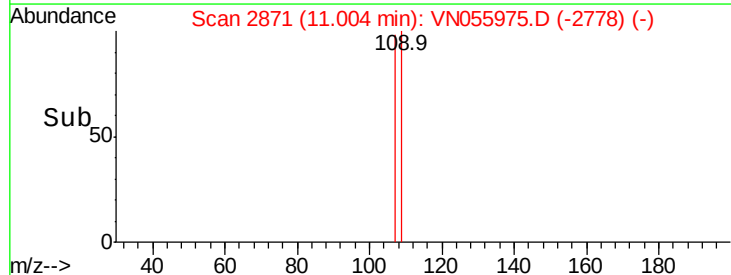
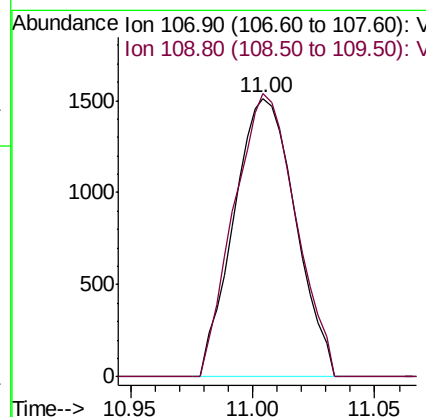
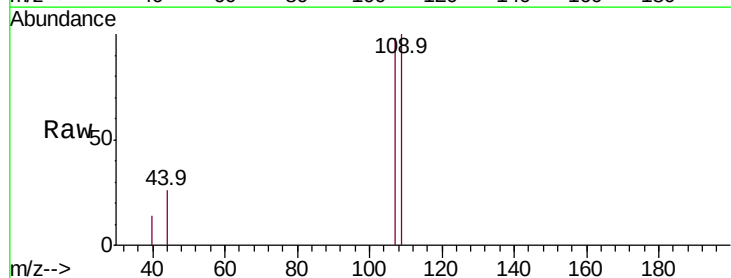
Manual Integrations
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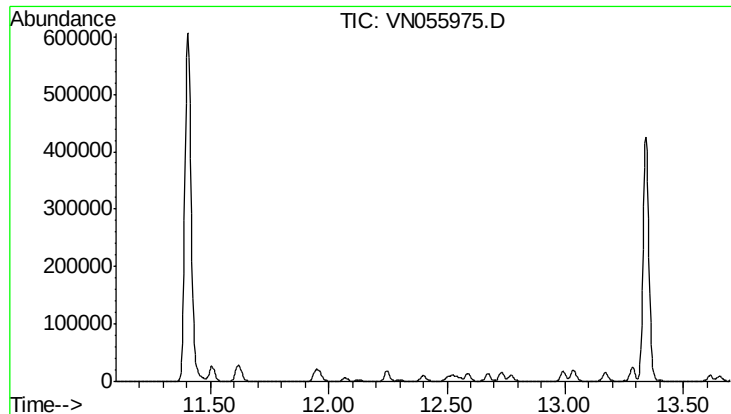
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#61
 1,2-Dibromoethane
 Concen: 0.876 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Tgt Ion:107 Resp: 2645
 Ion Ratio Lower Upper
 107 100
 109 102.1 74.8 112.2





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Tot Ion: 95

Sig Exp Ratio

95 100

174 95.5

176 92.6

Instrument :

MSVOA_N

ClientSampleId :

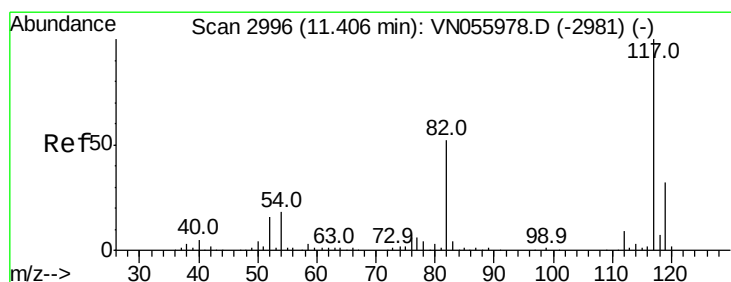
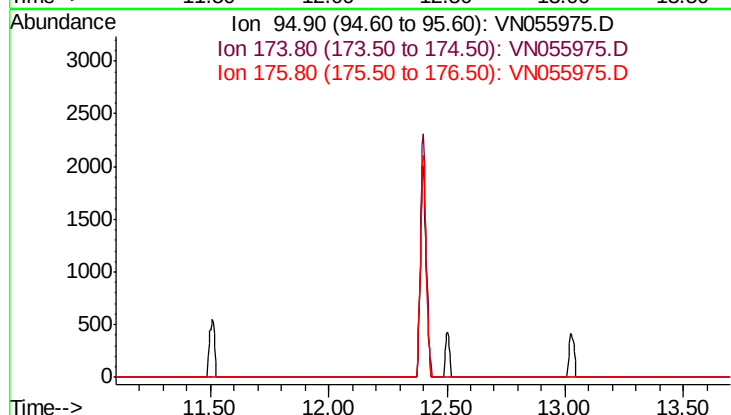
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

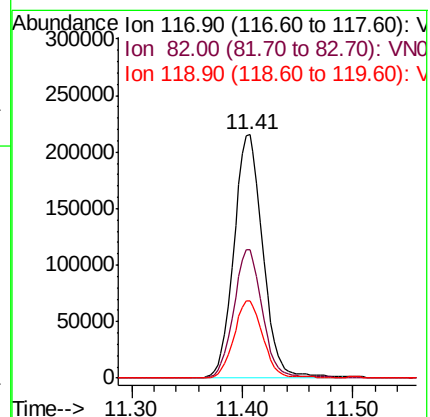
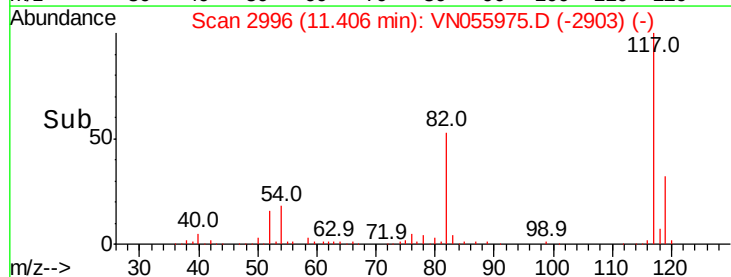
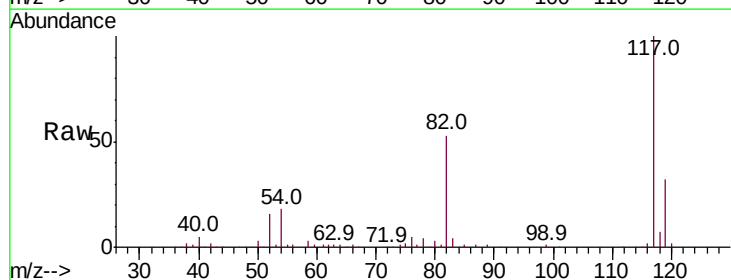
Tgt Ion: 117 Resp: 392917

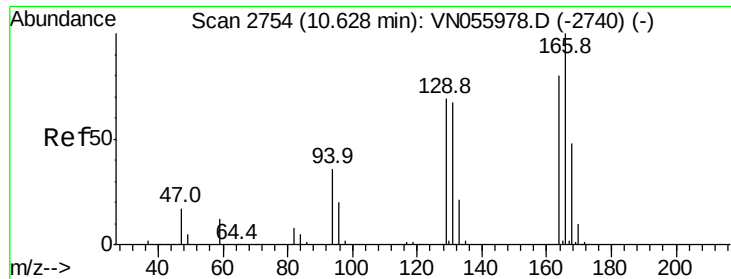
Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.8

119 31.7 25.4 38.0





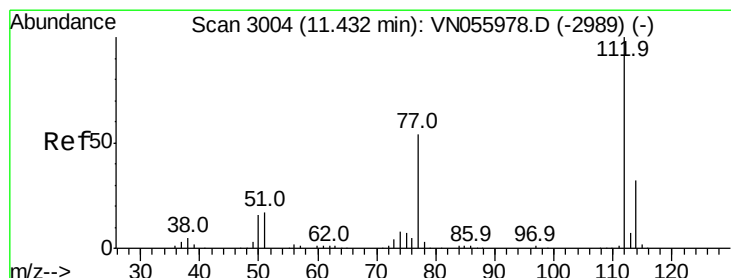
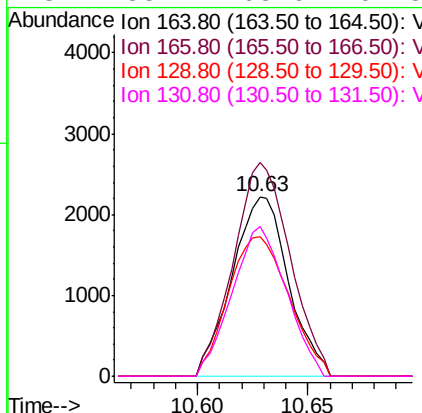
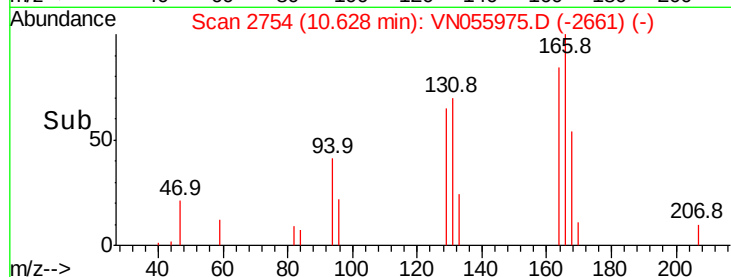
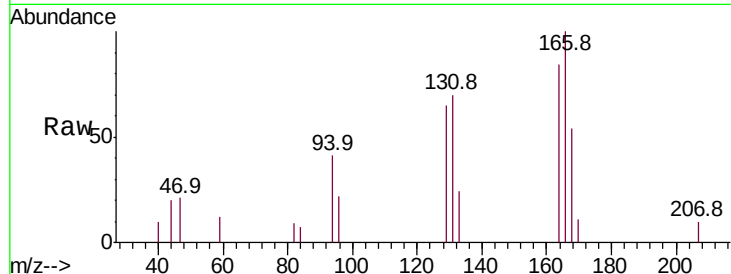
#64
 Tetrachloroethene
 Concen: 1.157 ug/l
 RT: 10.63 min Scan# 2754
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:	164	Resp:	3936
Ion	Ratio	Lower	Upper
164	100		
166	119.0	103.0	154.6
129	77.5	70.6	105.8
131	83.4	68.6	102.8

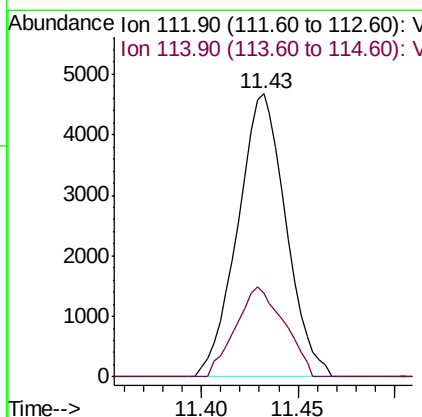
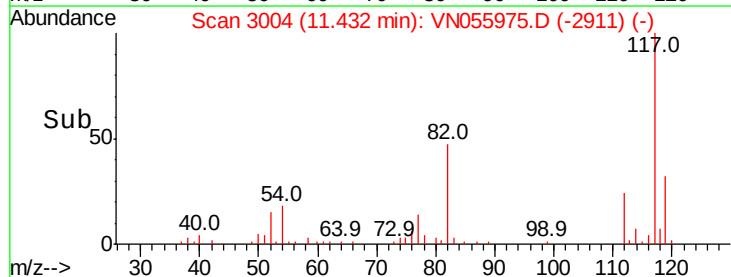
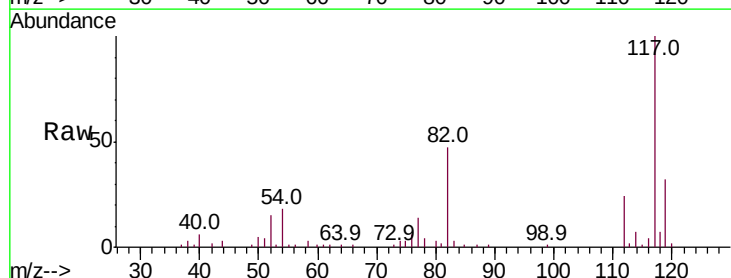
Manual Integrations
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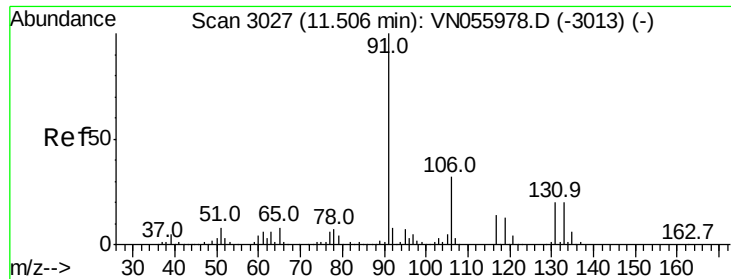
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#65
 Chlorobenzene
 Concen: 1.038 ug/l
 RT: 11.43 min Scan# 3004
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Tgt Ion:	112	Resp:	8120
Ion	Ratio	Lower	Upper
112	100		
114	29.5	26.2	39.4





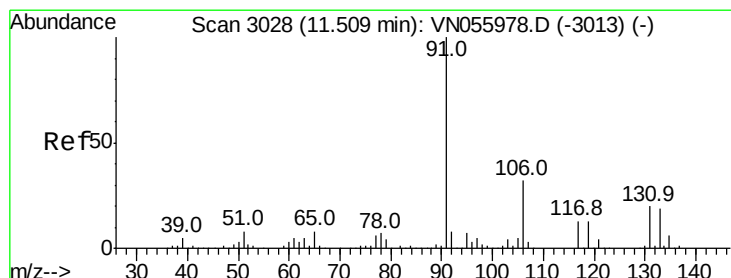
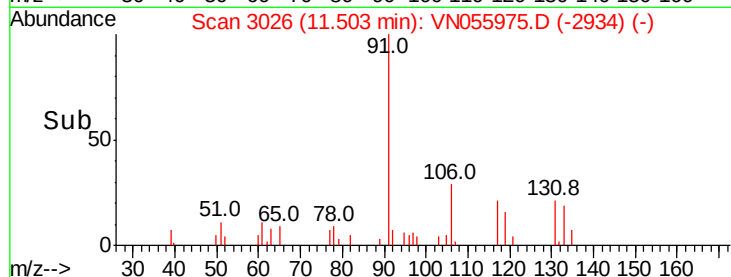
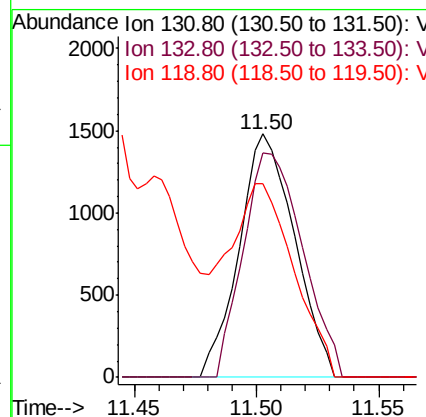
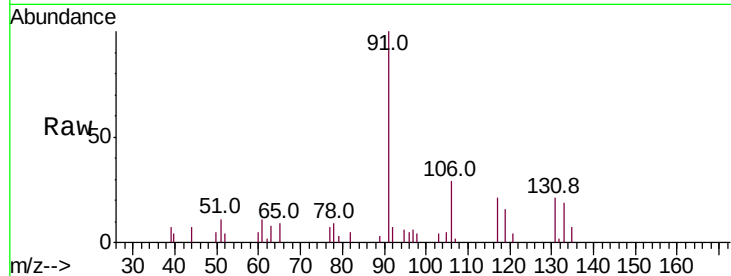
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.863 ug/l
 RT: 11.50 min Scan# 3026
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	98.7	48.0	144.0
119	0.0	33.1	99.5#

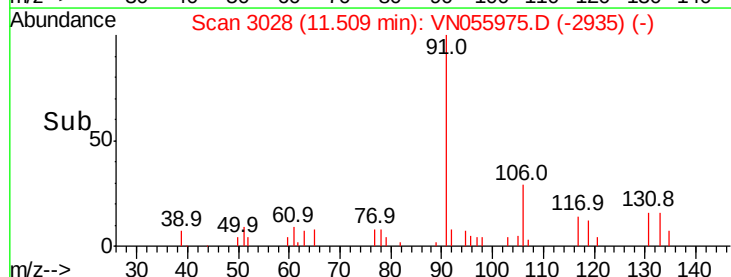
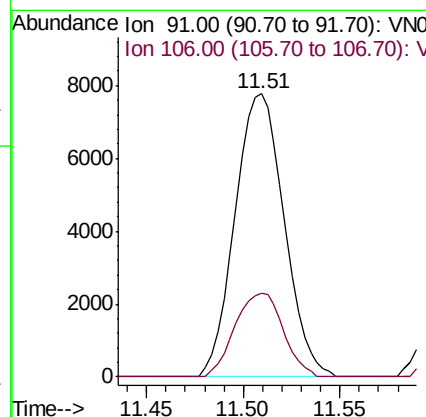
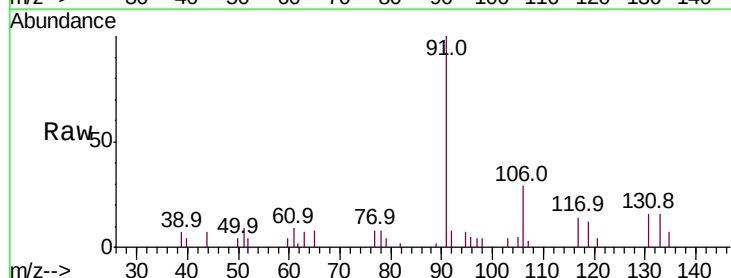
Manual Integrations
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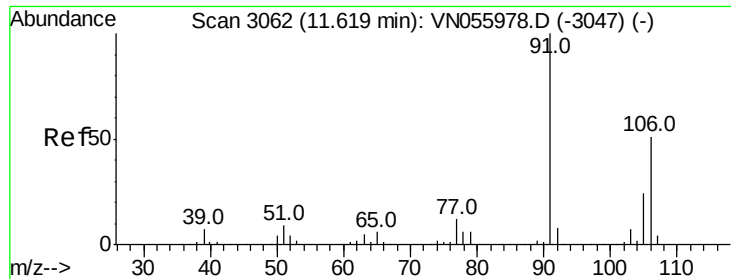
MMDadoda
 6/5/2019 4:03:21 PM



#67
 Ethyl Benzene
 Concen: 1.010 ug/l
 RT: 11.51 min Scan# 3028
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.4	25.1	37.7





#68

m/p-Xylenes

Concen: 1.959 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:106 Resp: 10177

Ion Ratio Lower Upper

106 100

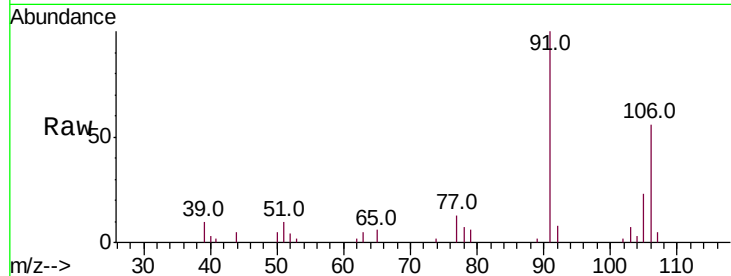
91 192.0 159.3 238.9

Manual Integrations

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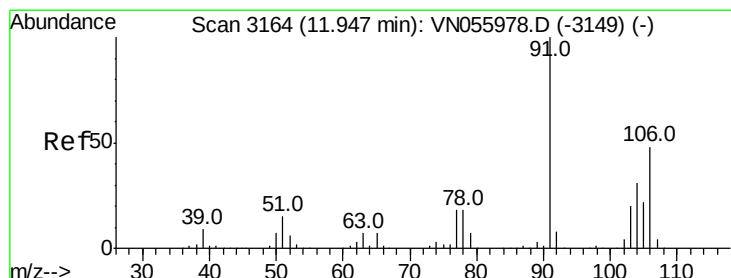
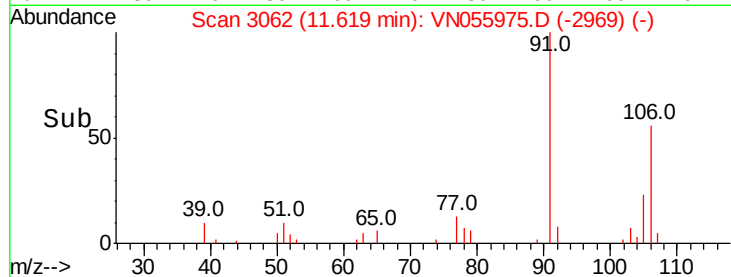
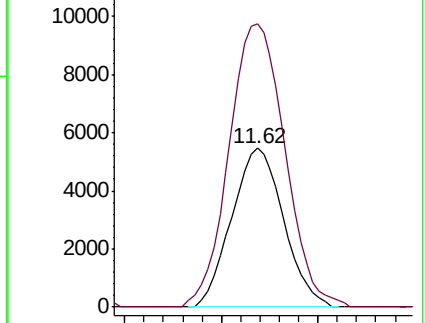
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#69

o-Xylene

Concen: 0.970 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. -0.00 min

Lab File: VN055975.D

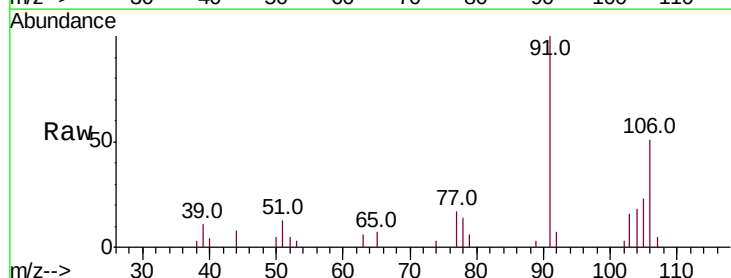
Acq: 4 Jun 2019 8:22

Tgt Ion:106 Resp: 4955

Ion Ratio Lower Upper

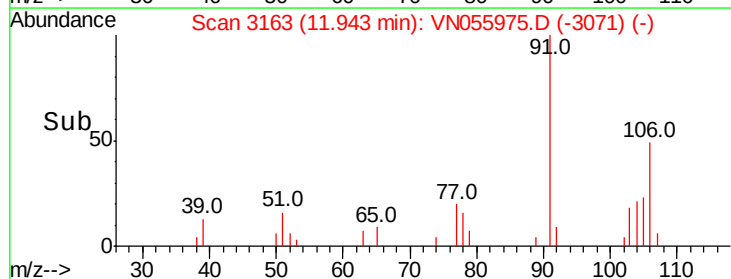
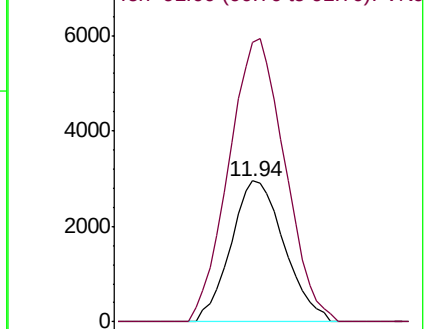
106 100

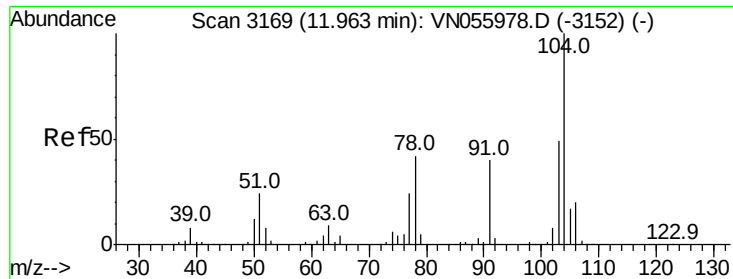
91 210.2 104.7 314.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0





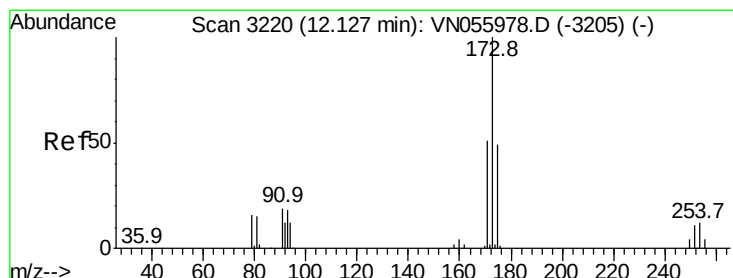
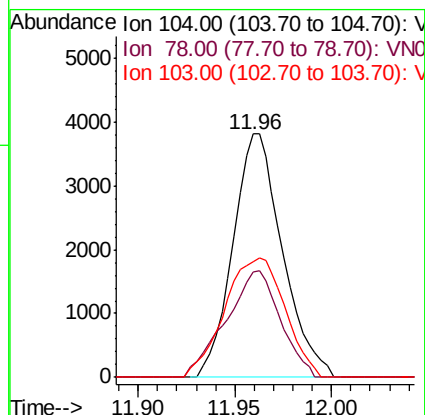
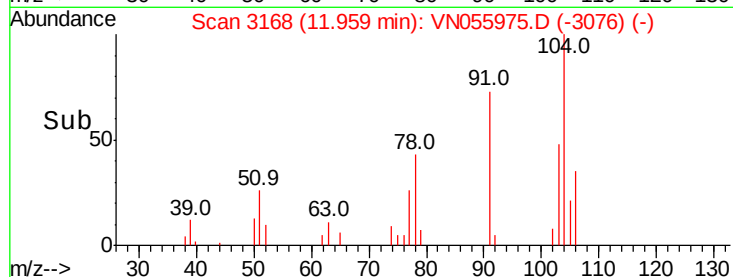
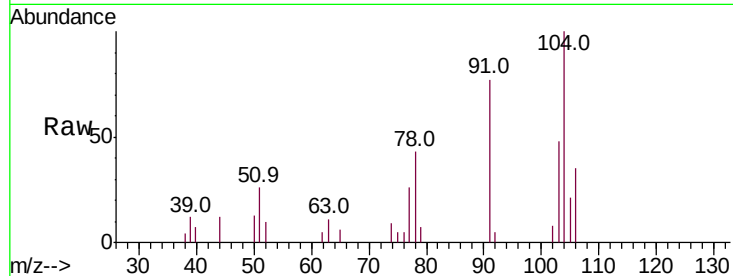
#70
Stvrene
Concen: 0.833 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion:104 Resp: 6765
Ion Ratio Lower Upper
104 100
78 48.1 37.8 56.6
103 59.9 44.2 66.2

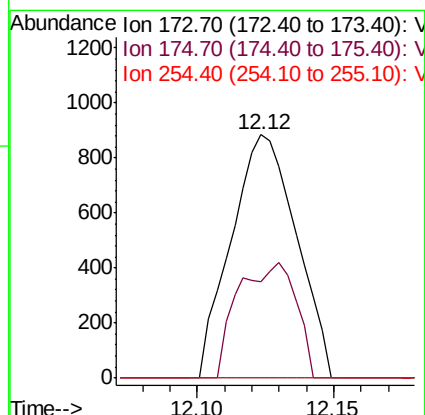
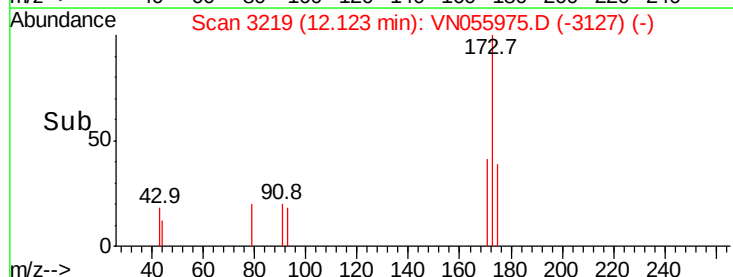
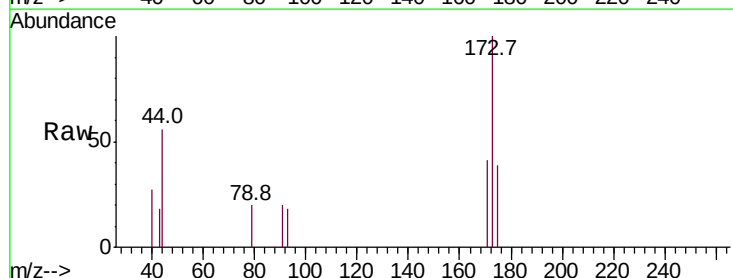
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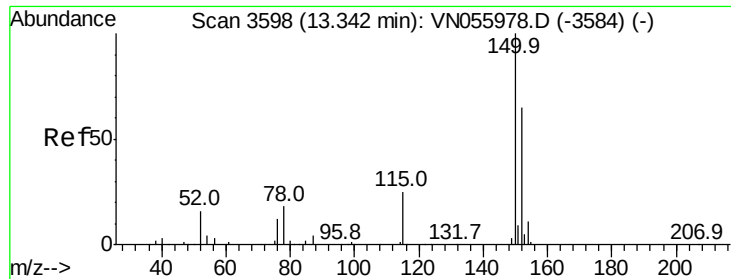
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#71
Bromoform
Concen: 0.750 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Tgt Ion:173 Resp: 1464
Ion Ratio Lower Upper
173 100
175 42.6 24.3 72.8
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 128538

Ion Ratio Lower Upper

152 100

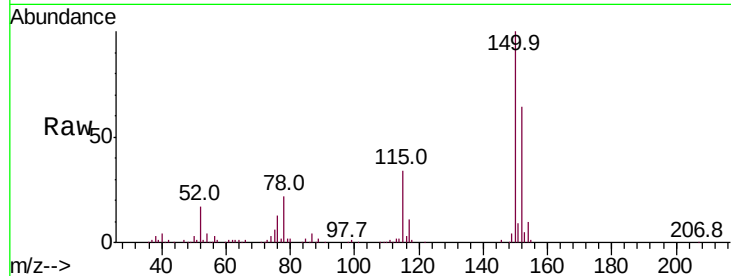
115 52.8 27.0 81.0

150 158.0 0.0 343.2

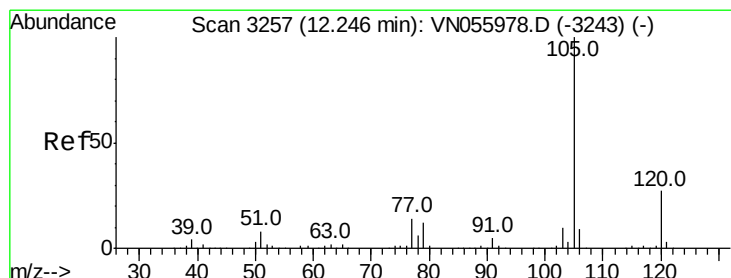
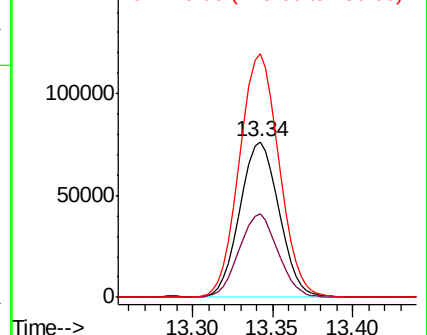
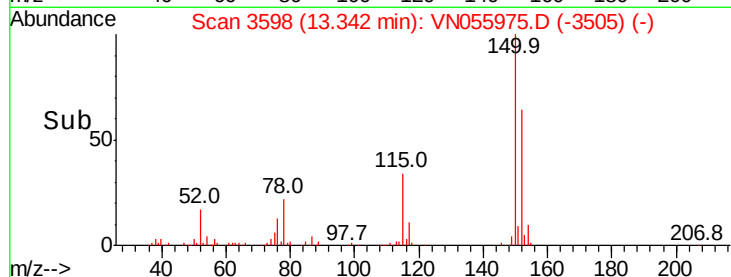
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.224 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055975.D

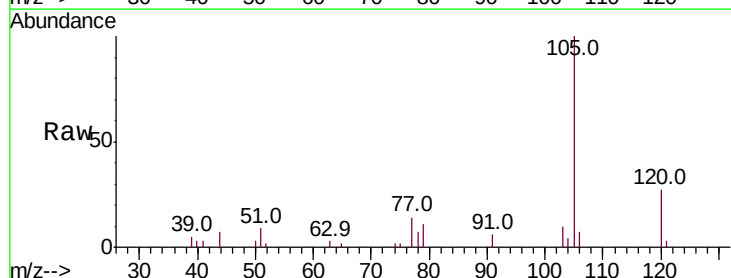
Acq: 4 Jun 2019 8:22

Tgt Ion:105 Resp: 12729

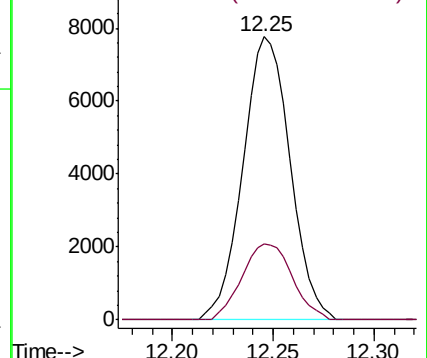
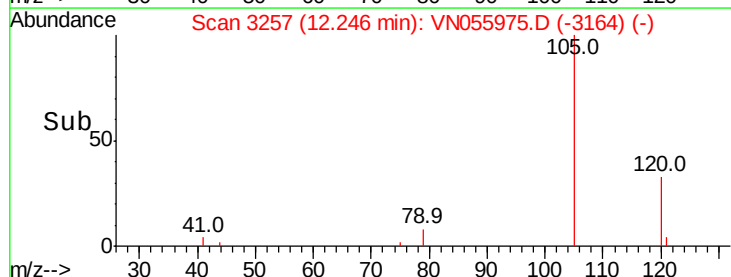
Ion Ratio Lower Upper

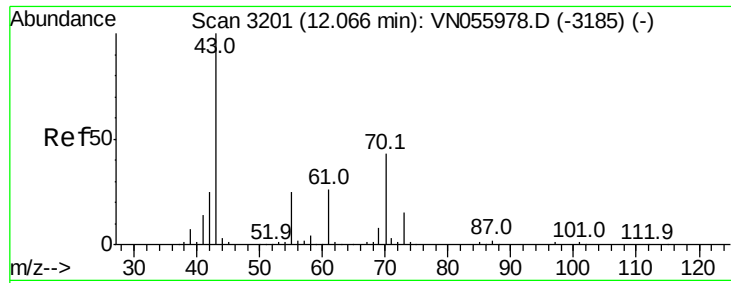
105 100

120 28.7 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.067 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

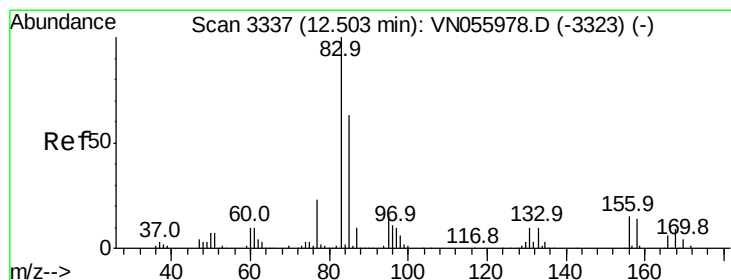
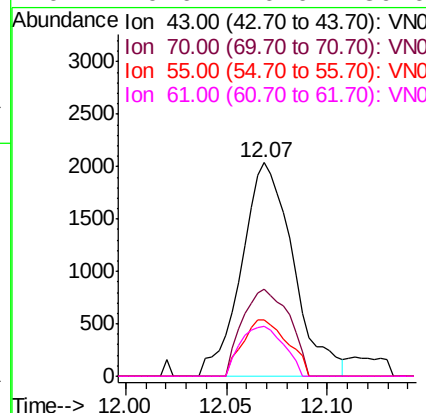
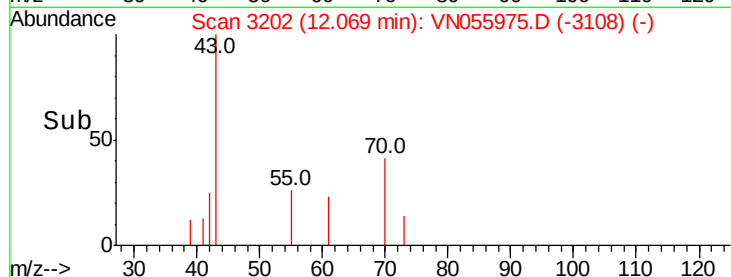
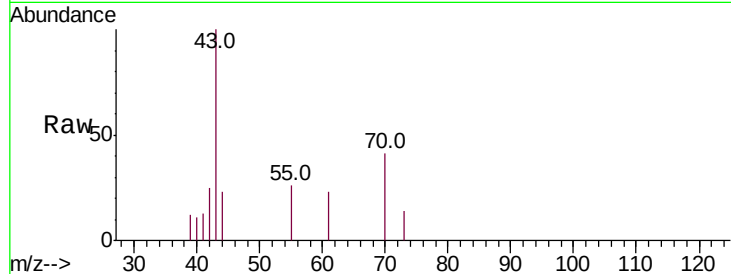
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	3655
Ion	Ratio	Lower	Upper
43	100		
70	37.2	34.0	51.0
55	23.0	18.6	28.0
61	19.6	20.0	30.0#

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.201 ug/l

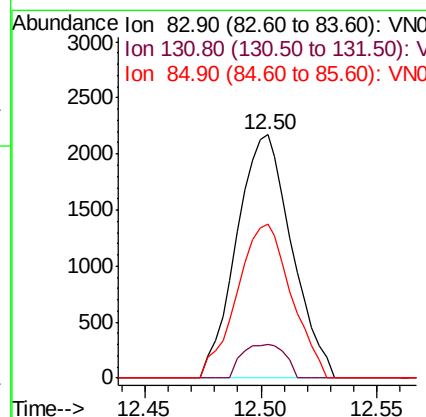
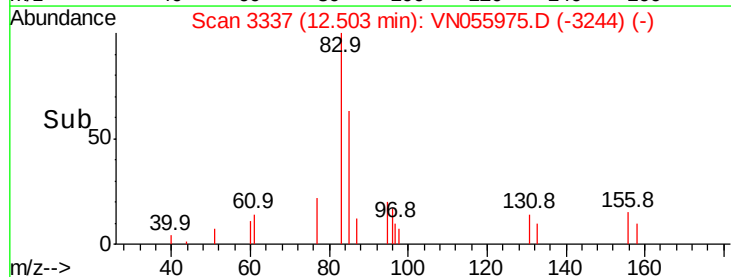
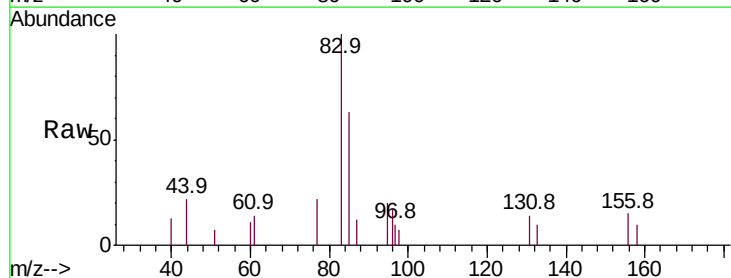
RT: 12.50 min Scan# 3337

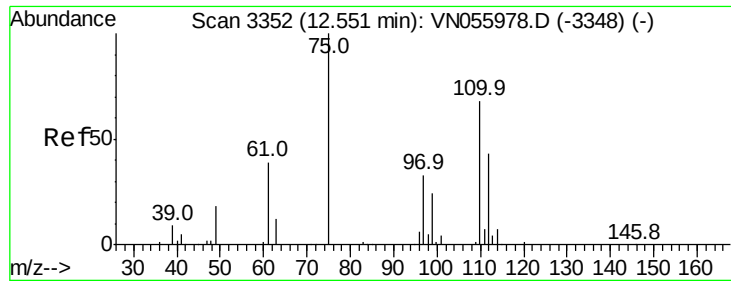
Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Tgt Ion:	83	Resp:	3585
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.4	16.2
85	62.2	32.4	97.0





#76

1,2,3-Trichloropropane

Concen: 1.154 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 75 Resp: 2730

Ion Ratio Lower Upper

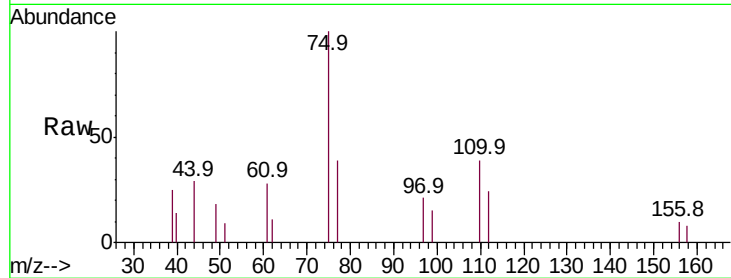
75 100

77 0.0 0.0 0.0

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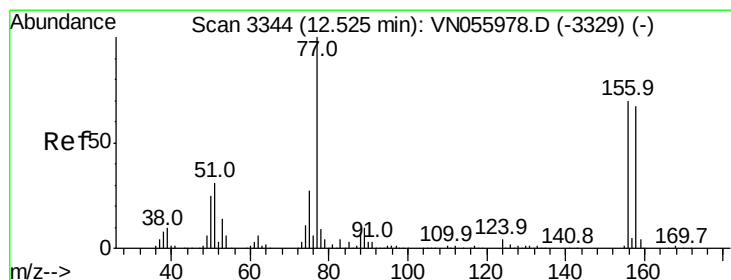
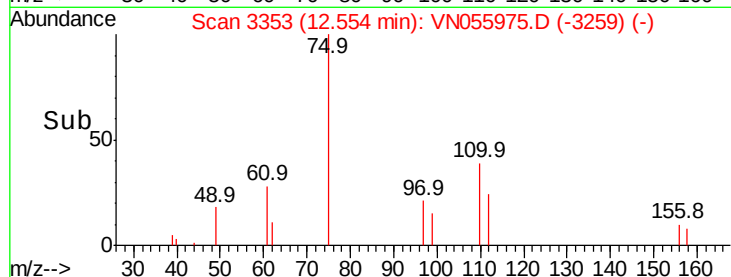
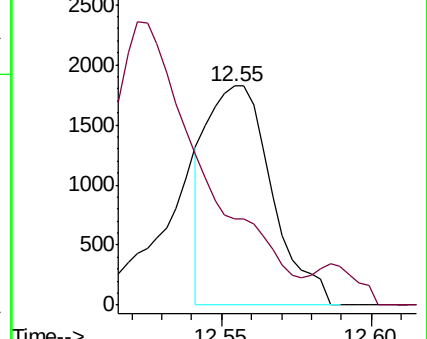
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#77

Bromobenzene

Concen: 1.160 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

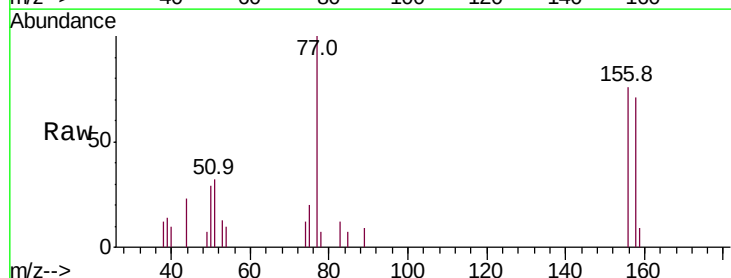
Tgt Ion: 156 Resp: 3192

Ion Ratio Lower Upper

156 100

77 166.9 90.8 272.5

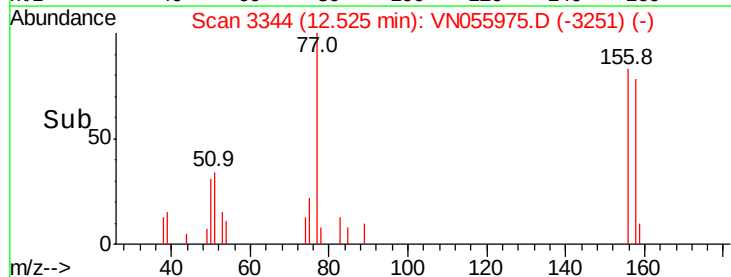
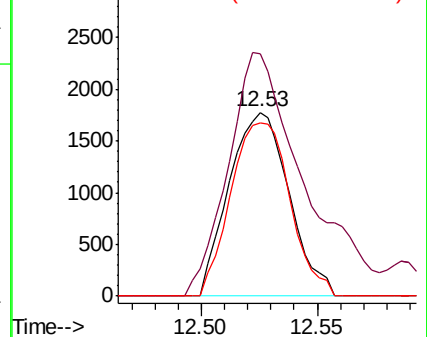
158 93.2 49.3 147.8

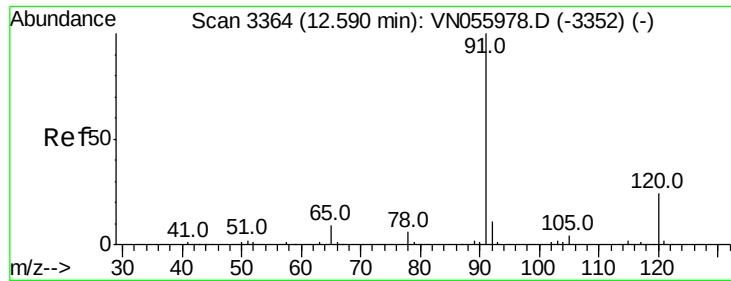


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 1.144 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 12441

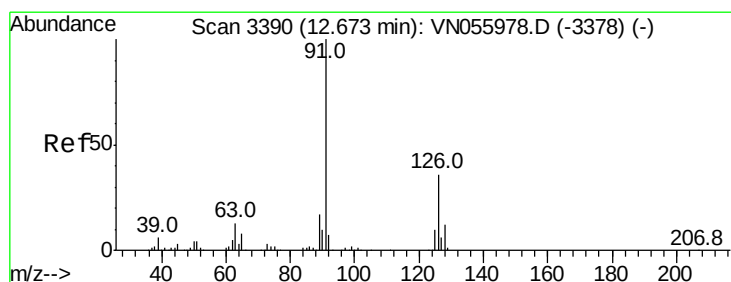
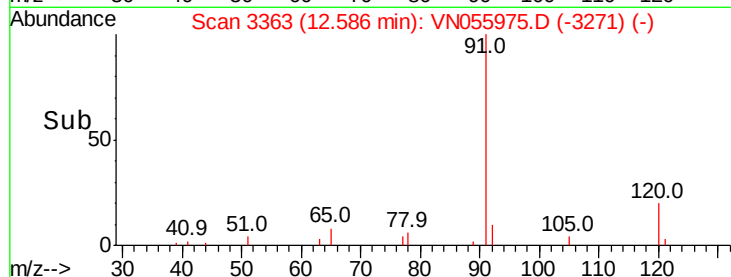
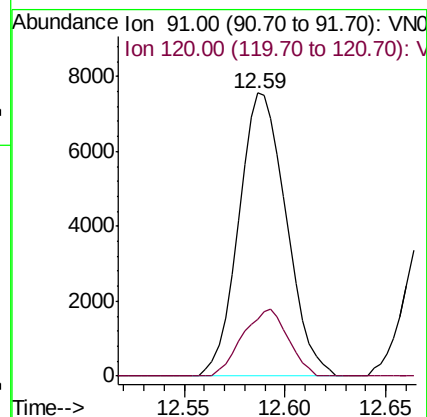
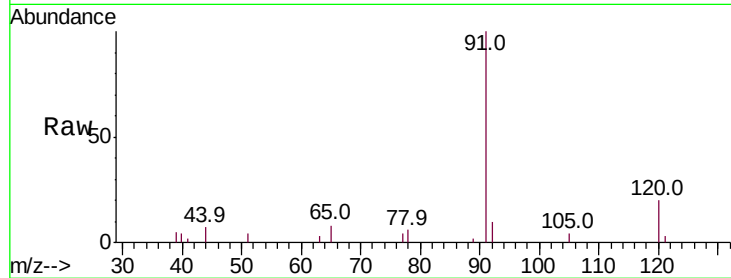
Ion Ratio Lower Upper

91 100

120 22.7 12.0 36.0

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#79

2-Chlorotoluene

Concen: 1.216 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN055975.D

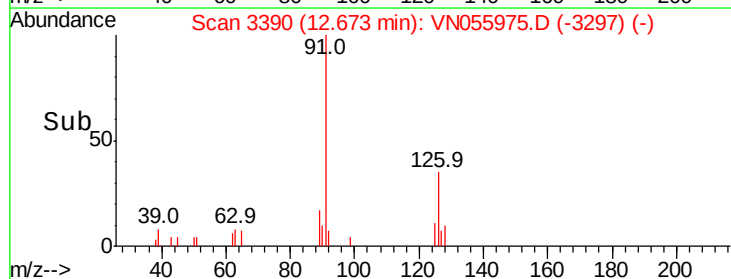
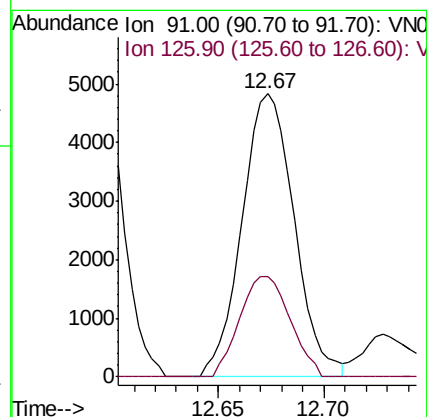
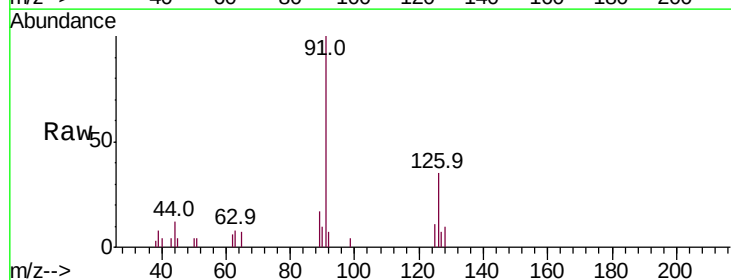
Acq: 4 Jun 2019 8:22

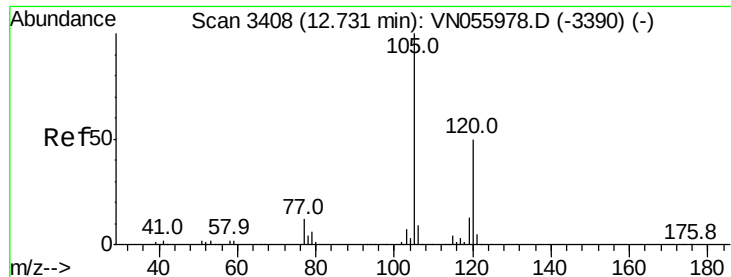
Tgt Ion: 91 Resp: 8326

Ion Ratio Lower Upper

91 100

126 34.2 18.1 54.4





#80

1,3,5-Trimethylbenzene

Concen: 1.213 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 10483

Ion Ratio Lower Upper

105 100

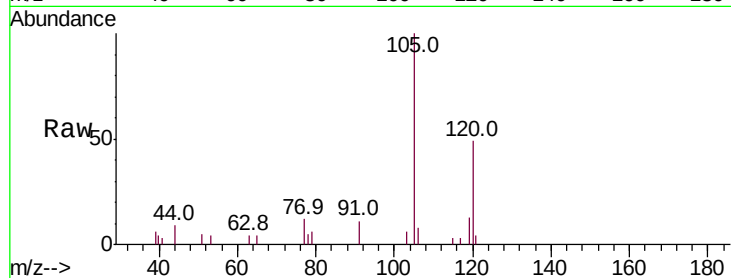
120 46.7 24.7 74.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

6000

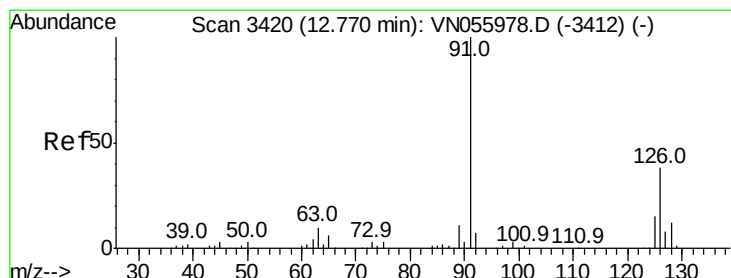
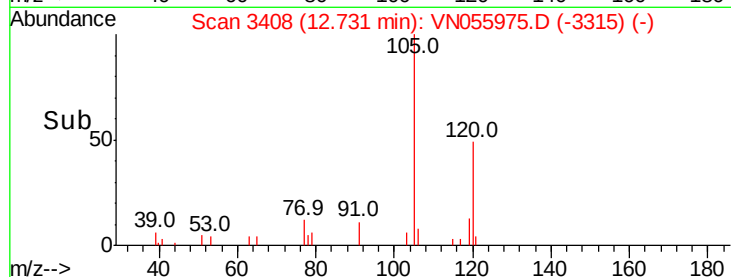
4000

2000

0

12.70 12.75

Time-->



#82

4-Chlorotoluene

Concen: 1.124 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055975.D

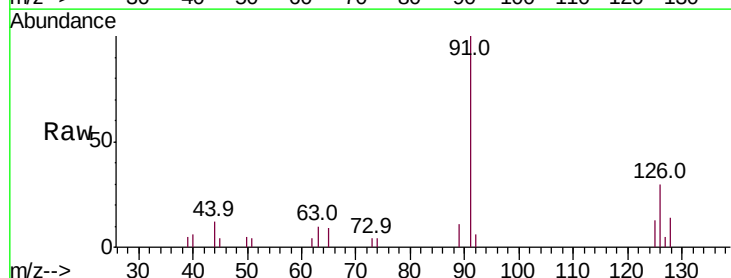
Acq: 4 Jun 2019 8:22

Tgt Ion: 91 Resp: 7153

Ion Ratio Lower Upper

91 100

126 31.4 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V

12.77

5000

4000

3000

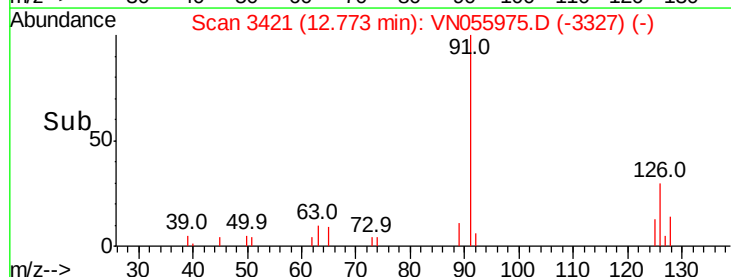
2000

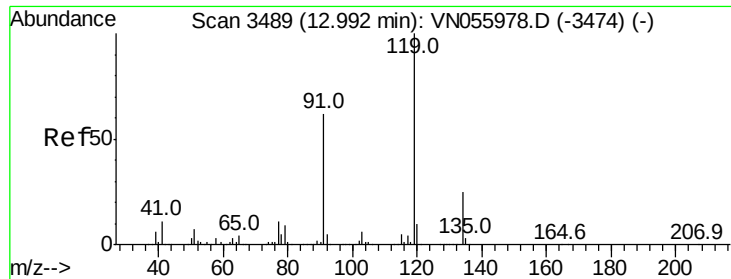
1000

0

12.75 12.80

Time-->





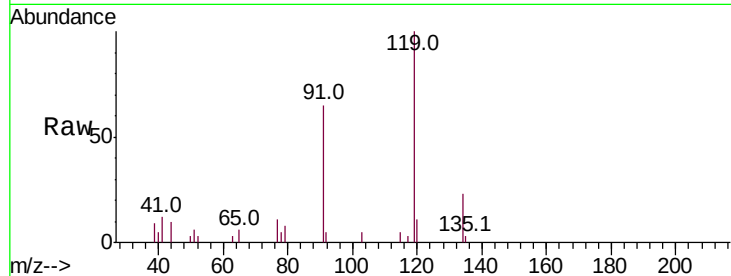
#83
tert-Butylbenzene
Concen: 1.250 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

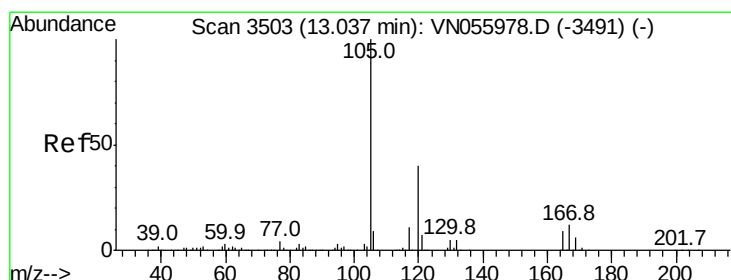
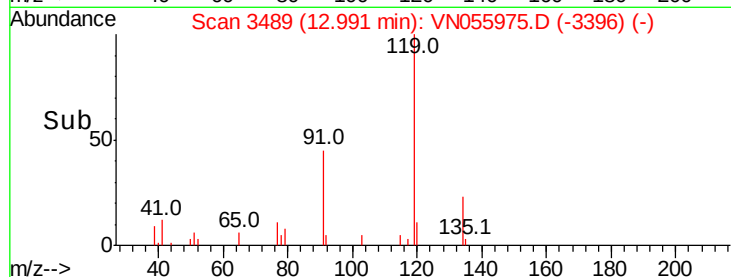
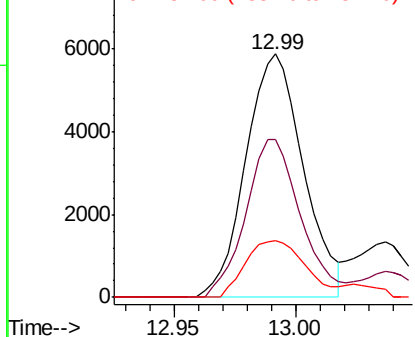
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	30.9	92.8
134	23.7	13.3	39.8

Manual Integrations
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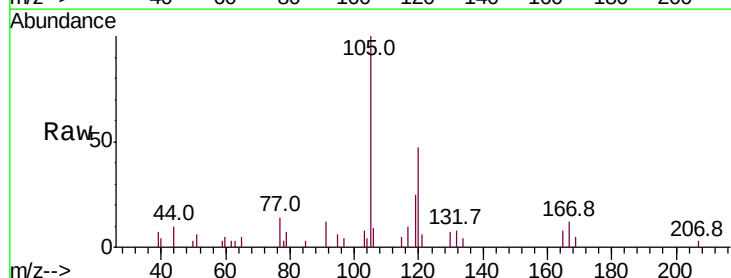


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

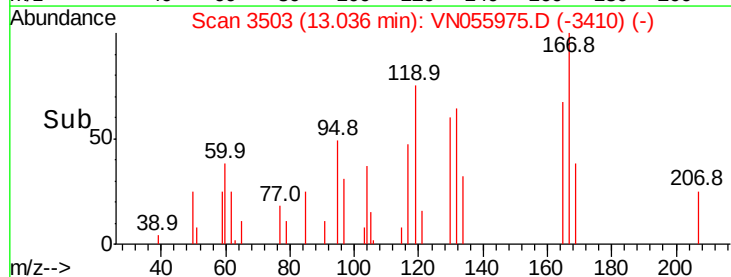
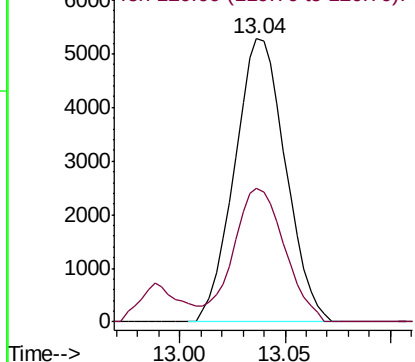


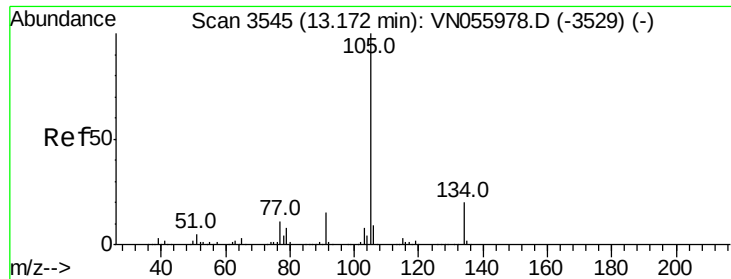
#84
1,2,4-Trimethylbenzene
Concen: 1.083 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.0	69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.174 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 11303

Ion Ratio Lower Upper

105 100

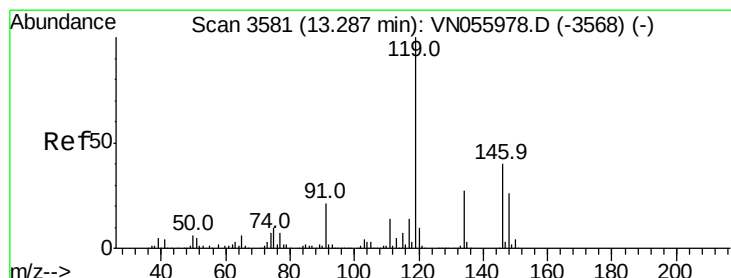
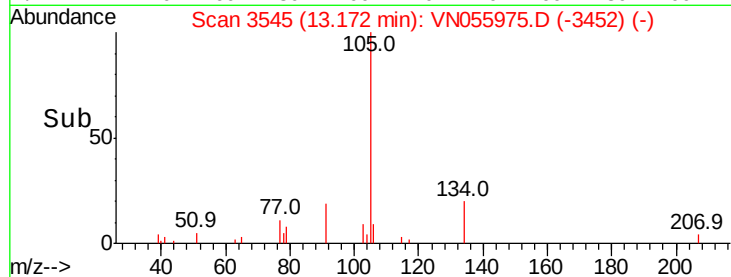
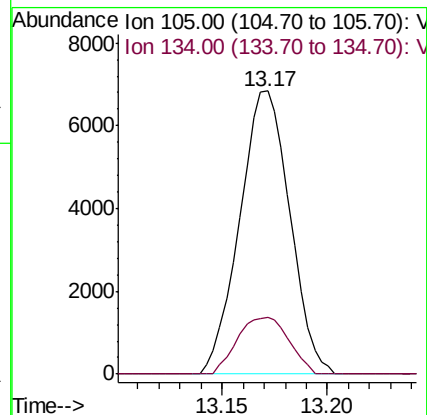
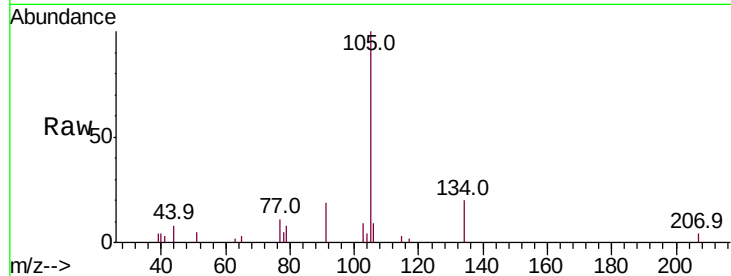
134 20.7 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 1.114 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

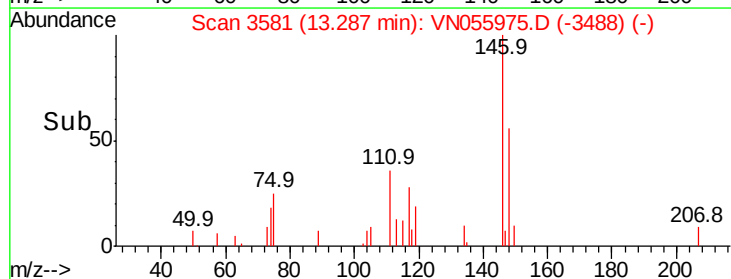
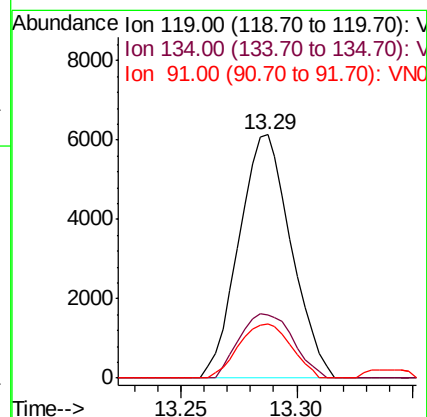
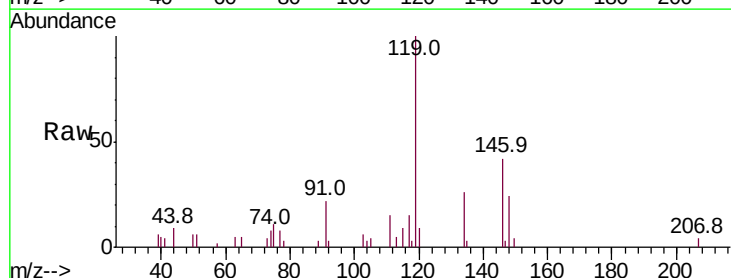
Tgt Ion:119 Resp: 9597

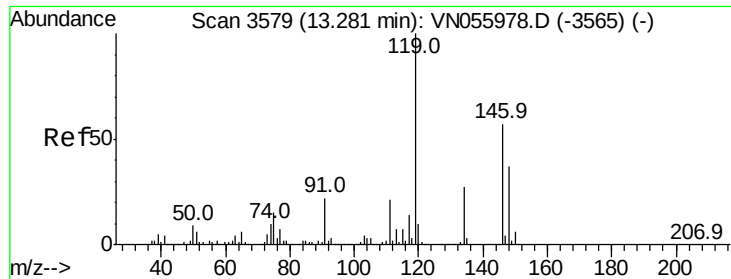
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 22.2 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 1.052 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN055975.D

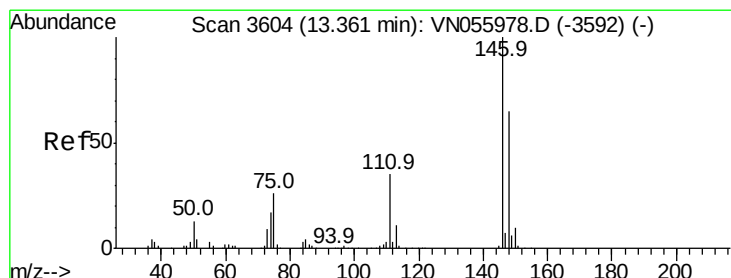
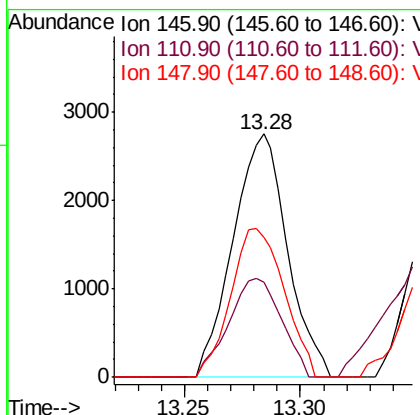
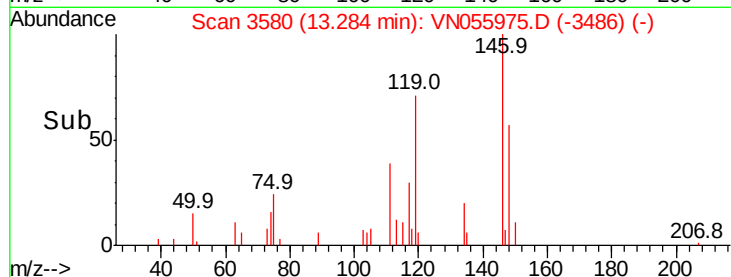
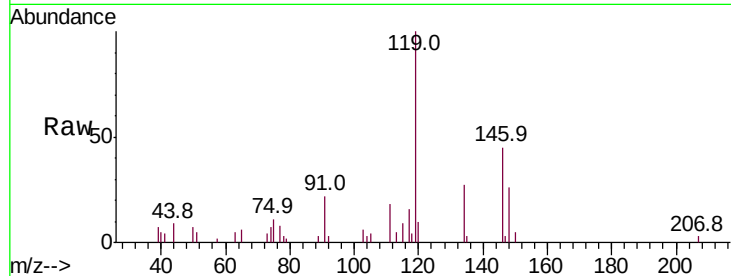
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	18.5	55.5
148	59.9	32.0	96.2

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#88

1,4-Dichlorobenzene

Concen: 1.041 ug/l m

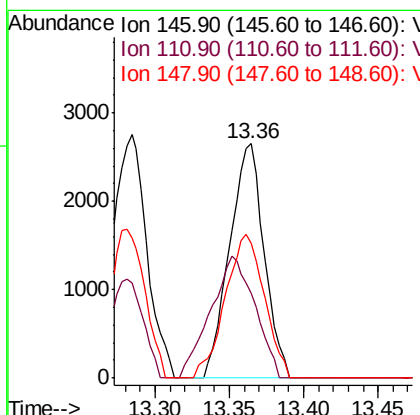
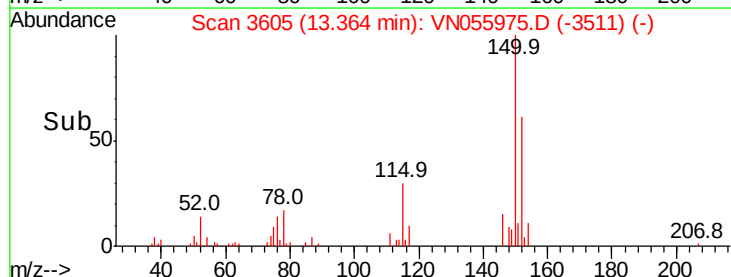
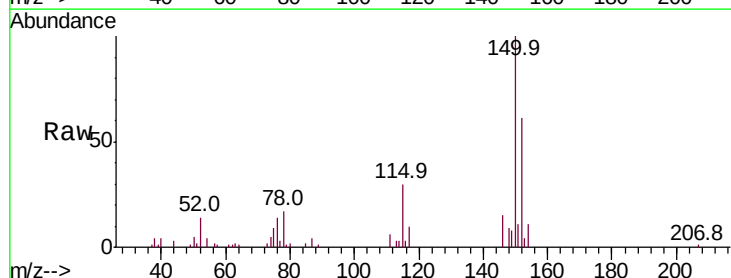
RT: 13.36 min Scan# 3605

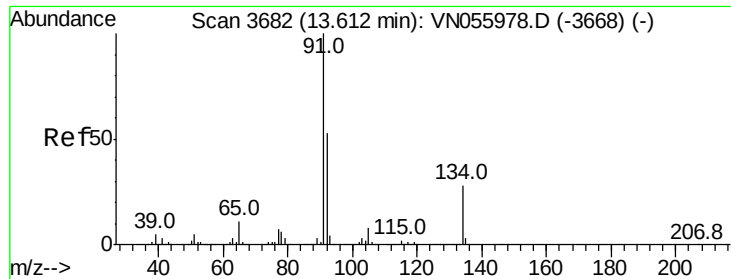
Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.5	18.1	54.4
148	62.9	32.1	96.5





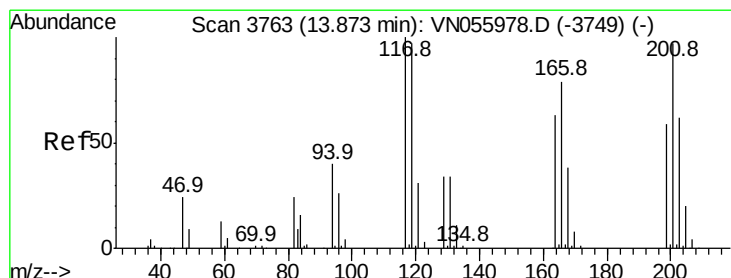
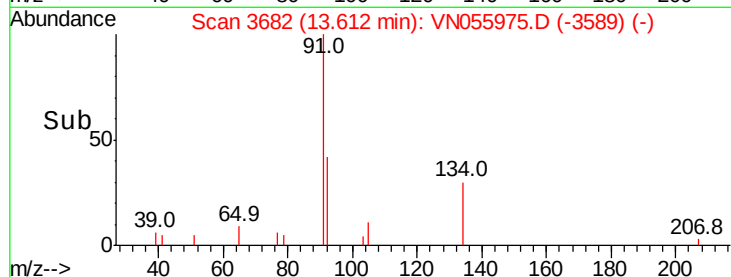
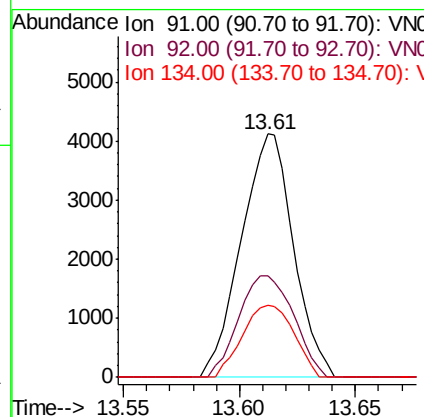
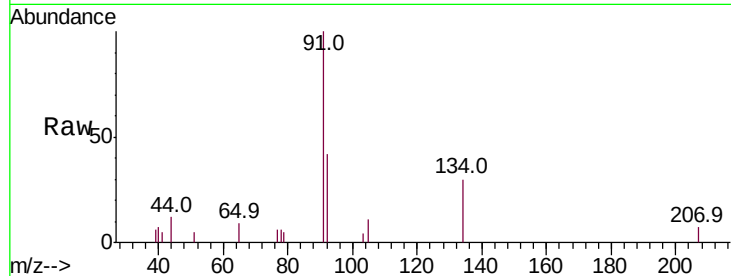
#89
n-Butylbenzene
Concen: 1.009 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	43.7	26.4	79.0
134	29.2	13.9	41.7

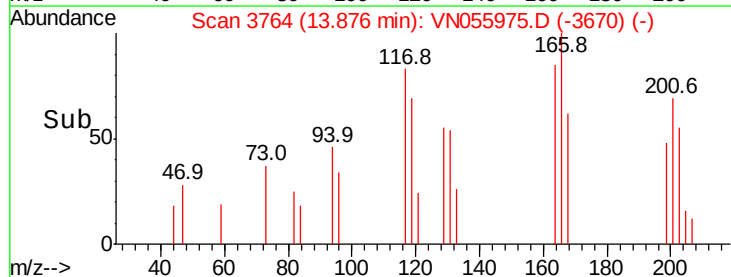
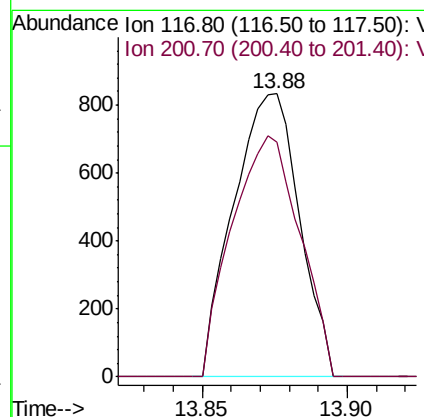
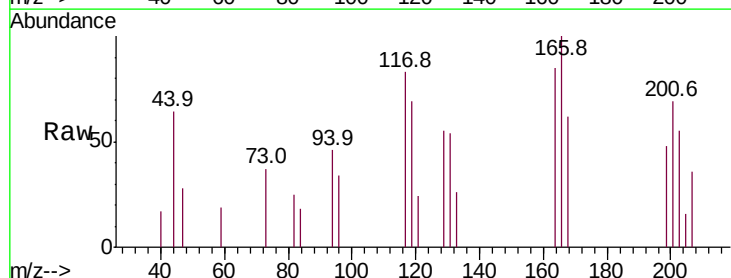
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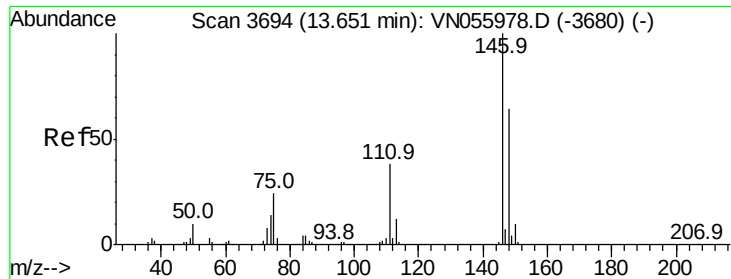
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#90
Hexachloroethane
Concen: 1.012 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN055975.D
Acq: 4 Jun 2019 8:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.9	50.0	150.0





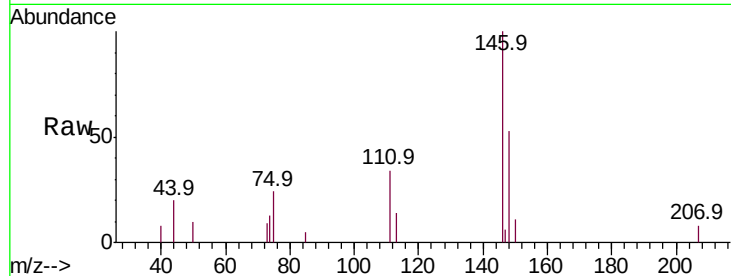
#91
 1,2-Dichlorobenzene
 Concen: 1.080 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

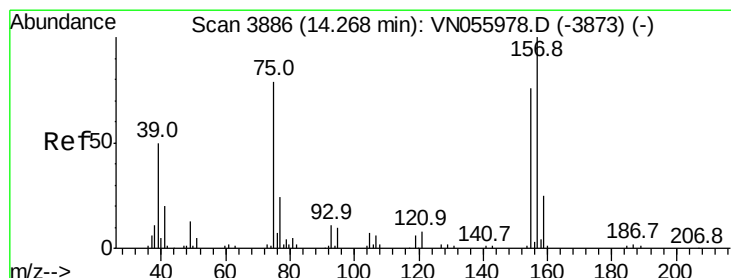
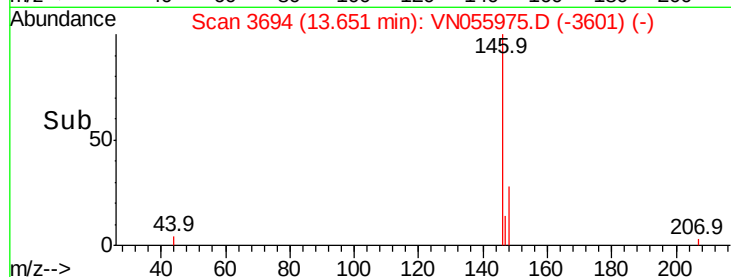
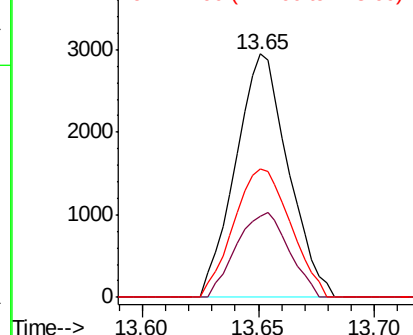
Tot Ion	Ratio	Lower	Upper
146	100		
111	34.8	19.1	57.5
148	56.8	31.9	95.9

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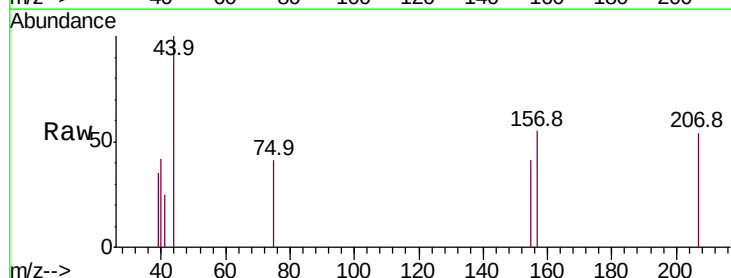


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

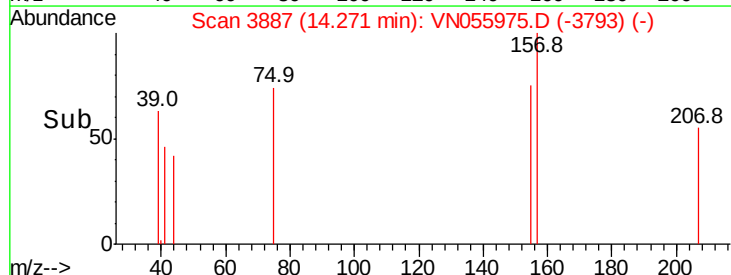
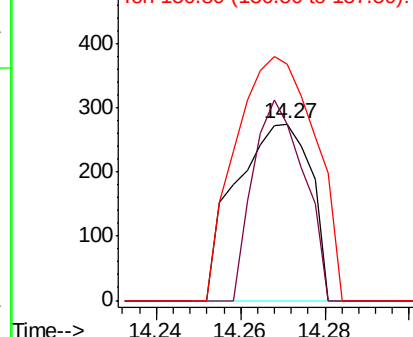


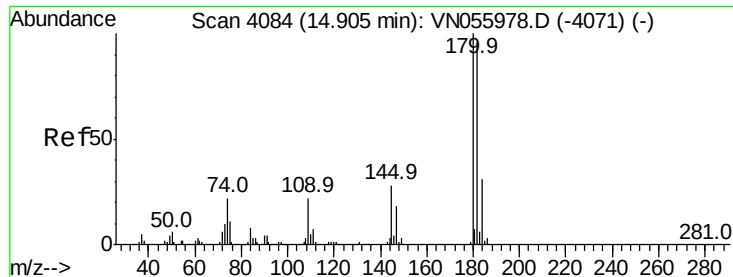
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.792 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.5	50.0	150.1
157	146.7	64.8	194.3



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





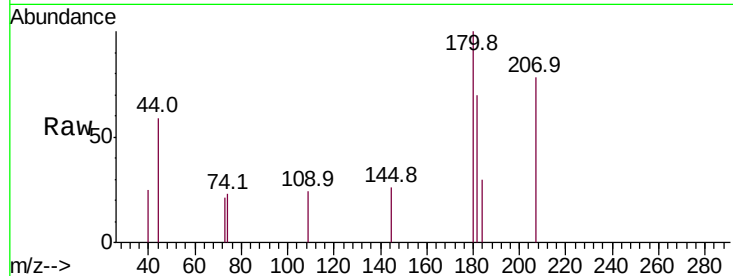
#93
 1,2,4-Trichlorobenzene
 Concen: 0.732 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

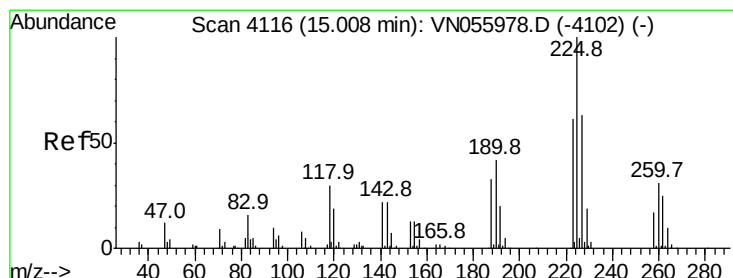
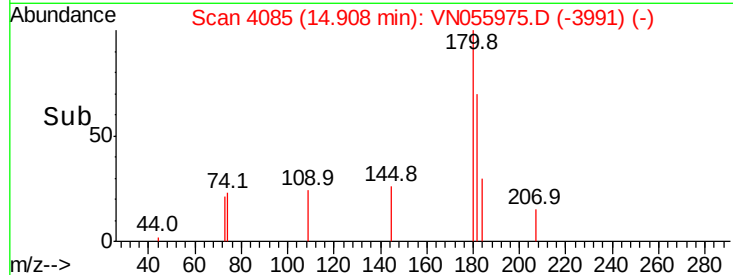
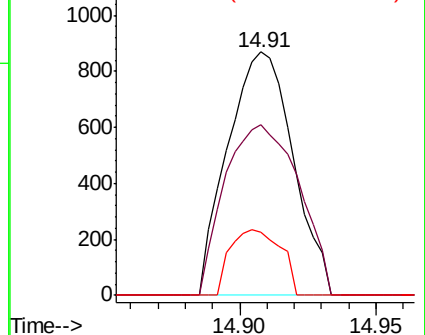
Tot Ion:	180	Resp:	1444
Ion Ratio	Lower	Upper	
180	100		
182	79.9	48.3	144.9
145	20.8	14.0	41.9

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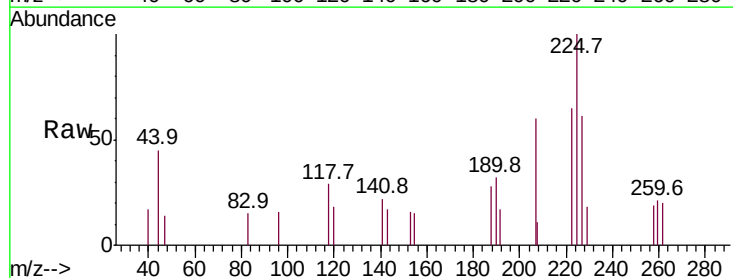


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

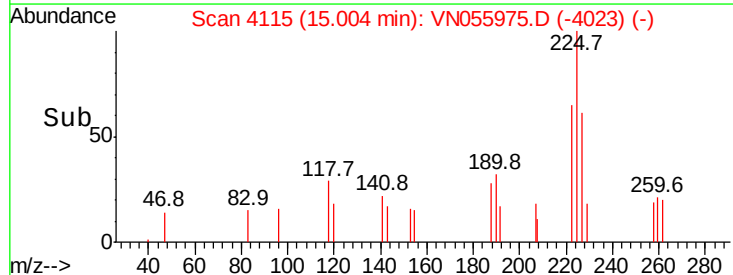
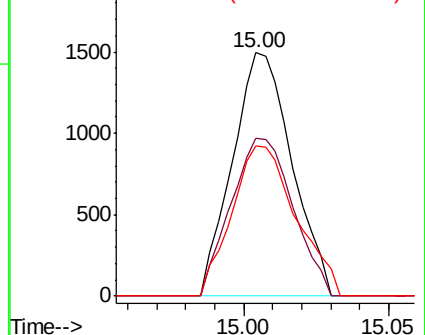


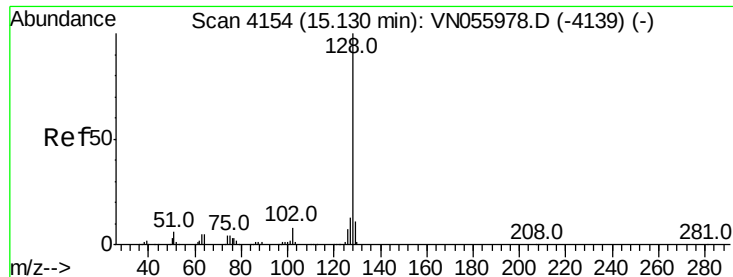
#94
 Hexachlorobutadiene
 Concen: 1.266 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN055975.D
 Acq: 4 Jun 2019 8:22

Tgt Ion:	225	Resp:	2122
Ion Ratio	Lower	Upper	
225	100		
223	67.6	30.9	92.7
227	66.7	31.6	94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 0.700 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Instrument :

MSVOA_N

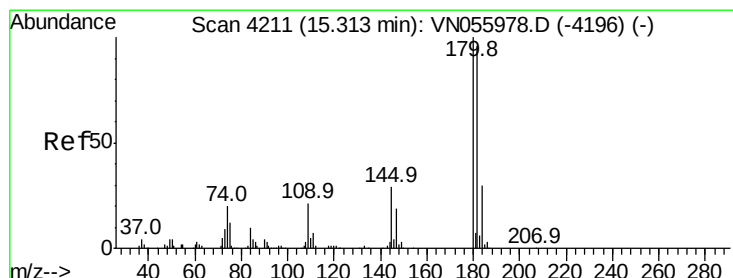
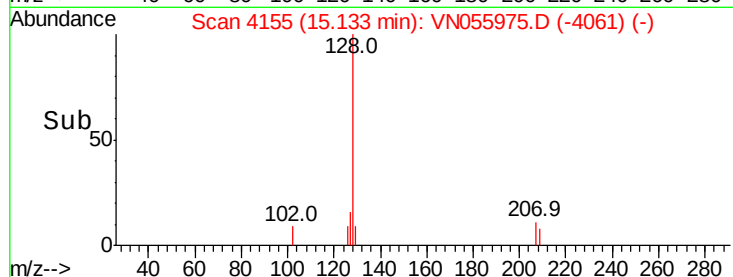
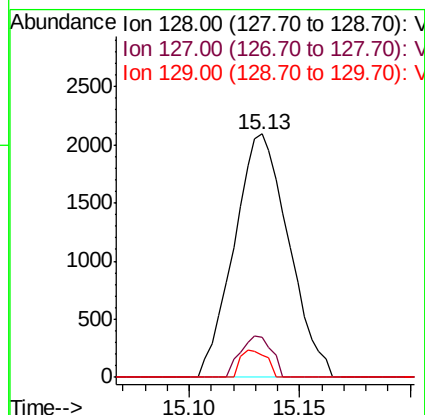
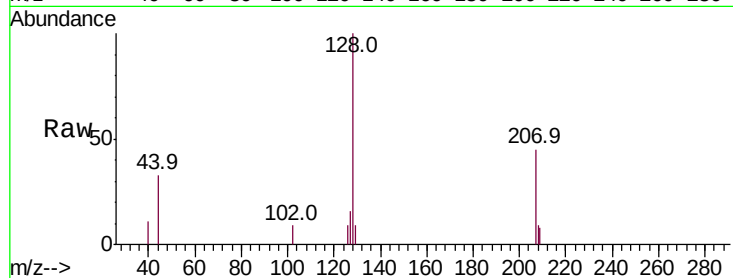
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	3579
Ion Ratio	Lower	Upper	
128	100		
127	9.8	10.3	15.5#
129	5.4	8.7	13.1#

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#96

1,2,3-Trichlorobenzene

Concen: 0.750 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN055975.D

Acq: 4 Jun 2019 8:22

Tgt Ion:	180	Resp:	1575
Ion Ratio	Lower	Upper	
180	100		
182	98.4	47.9	143.7
145	29.1	14.9	44.7

