

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072619\
 Data File : VN056920.D
 Acq On : 25 Jul 2019 14:05
 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
 7/26/2019 12:38:36 PM

Quant Time: Jul 26 03:55:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 03:38:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	446946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	674420	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	546098	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148176	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	1.84	85	3732	0.775	ug/l	92
3) Chloromethane	2.05	50	5368	0.932	ug/l	96
4) Vinyl Chloride	2.17	62	5030	0.927	ug/l	97
6) Chloroethane	2.69	64	3232	1.073	ug/l	89
7) Trichlorofluoromethane	3.00	101	6709	0.949	ug/l	97
8) Diethyl Ether	3.39	74	2435	0.920	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4557	1.049	ug/l	96
12) 1,1-Dichloroethene	3.72	96	3873	0.923	ug/l	97
14) Allyl chloride	4.31	41	6516	0.957	ug/l #	90
15) Acrylonitrile	4.97	53	8412	4.381	ug/l	92
16) Acetone	3.80	43	7674	4.859	ug/l	100
17) Carbon Disulfide	4.03	76	11179	0.990	ug/l #	91
18) Methyl Acetate	4.30	43	6505	1.176	ug/l #	65
19) Methyl tert-butyl Ether	5.02	73	11493	0.932	ug/l	96
20) Methylene Chloride	4.53	84	5486m	1.097	ug/l	
21) trans-1,2-Dichloroethene	5.02	96	4341	0.967	ug/l	87
22) Diisopropyl ether	5.93	45	12481	0.901	ug/l	91
23) Vinyl Acetate	5.87	43	39175	4.103	ug/l	98
24) 1,1-Dichloroethane	5.83	63	7526	0.924	ug/l #	83
25) 2-Butanone	6.82	43	11501	4.731	ug/l	92
26) 2,2-Dichloropropane	6.80	77	5578	0.933	ug/l	96
27) cis-1,2-Dichloroethene	6.81	96	4498	0.878	ug/l	75
28) Bromochloromethane	7.17	49	3469	0.923	ug/l #	92
29) Tetrahydrofuran	7.20	42	7032	4.414	ug/l	93
30) Chloroform	7.35	83	9101	1.085	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	6580	0.980	ug/l #	48
36) 1,1-Dichloropropene	7.77	75	5963	0.967	ug/l	93
37) Ethyl Acetate	6.92	43	5117	1.024	ug/l #	75
38) Carbon Tetrachloride	7.75	117	5688	0.970	ug/l #	80
39) Methylcyclohexane	9.07	83	6473	0.861	ug/l	96
40) Benzene	8.03	78	18770	0.976	ug/l	91
41) Methacrylonitrile	7.17	41	2226m	1.097	ug/l	
42) 1,2-Dichloroethane	8.11	62	5476	0.922	ug/l	91
43) Isopropyl Acetate	8.15	43	7891	0.960	ug/l #	86

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.82	130	4976	0.949	ug/l	97
45) 1,2-Dichloropropane	9.11	63	5154	0.997	ug/l	89
46) Dibromomethane	9.20	93	2758	0.885	ug/l	98
47) Bromodichloromethane	9.39	83	5448	0.896	ug/l #	79
48) Methyl methacrylate	9.19	41	3652	0.925	ug/l	86
49) 1,4-Dioxane	9.19	88	1503	18.190	ug/l #	95
51) 4-Methyl-2-Pentanone	9.98	43	21802	4.461	ug/l	94
52) Toluene	10.15	92	9951	0.863	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	4636	0.756	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	5964	0.826	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	4492	0.972	ug/l	97
56) Ethyl methacrylate	10.42	69	4836	0.778	ug/l #	93
57) 1,3-Dichloropropane	10.70	76	6658	0.880	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.68	63	7254	2.962	ug/l	99
59) 2-Hexanone	10.74	43	13836	4.129	ug/l	96
60) Dibromochloromethane	10.89	129	4143	0.882	ug/l	94
61) 1,2-Dibromoethane	11.00	107	3992	0.870	ug/l	97
64) Tetrachloroethene	10.62	164	5229	1.048	ug/l	91
65) Chlorobenzene	11.43	112	10973	0.960	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.50	131	4319	1.016	ug/l #	64
67) Ethyl Benzene	11.50	91	17289	0.879	ug/l	92
68) m/p-Xylenes	11.61	106	12705	1.732	ug/l	97
69) o-Xylene	11.94	106	6515	0.908	ug/l	95
70) Styrene	11.96	104	8524	0.750	ug/l	96
71) Bromoform	12.12	173	2587	0.877	ug/l #	93
73) Isopropylbenzene	12.24	105	15977	1.185	ug/l	97
74) N-amyl acetate	12.07	43	4305	1.087	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.50	83	5262	1.354	ug/l	93
76) 1,2,3-Trichloropropane	12.55	75	3154m	1.028	ug/l	
77) Bromobenzene	12.52	156	3930	1.140	ug/l	93
78) n-propylbenzene	12.59	91	15506	1.089	ug/l	97
79) 2-Chlorotoluene	12.67	91	10560	1.191	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	12621	1.133	ug/l	96
82) 4-Chlorotoluene	12.77	91	8578	1.053	ug/l	96
83) tert-Butylbenzene	12.99	119	12193	1.243	ug/l	96
84) 1,2,4-Trimethylbenzene	13.03	105	10824	1.026	ug/l	97
85) sec-Butylbenzene	13.17	105	13247	1.068	ug/l	99
86) p-Isopropyltoluene	13.28	119	11273	1.028	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	5054	0.980	ug/l	94
88) 1,4-Dichlorobenzene	13.36	146	4688m	0.950	ug/l	
89) n-Butylbenzene	13.61	91	7494	0.885	ug/l	95
90) Hexachloroethane	13.87	117	2431	1.252	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	5478	1.049	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.26	75	502	0.947	ug/l	77
93) 1,2,4-Trichlorobenzene	14.91	180	1294	0.600	ug/l	90
94) Hexachlorobutadiene	15.00	225	2865	1.359	ug/l	92
95) Naphthalene	15.12	128	3279	0.601	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.29	180	1423	0.607	ug/l	80

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VSTDICC001

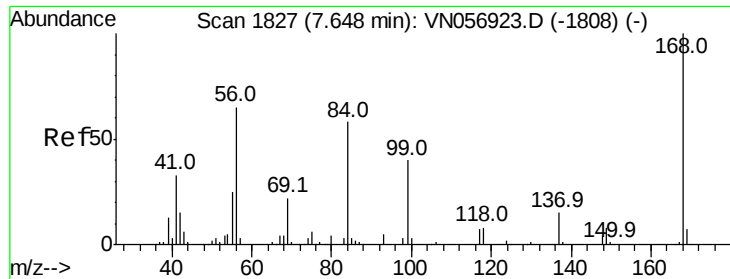
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 446946

Ion Ratio Lower Upper

168 100

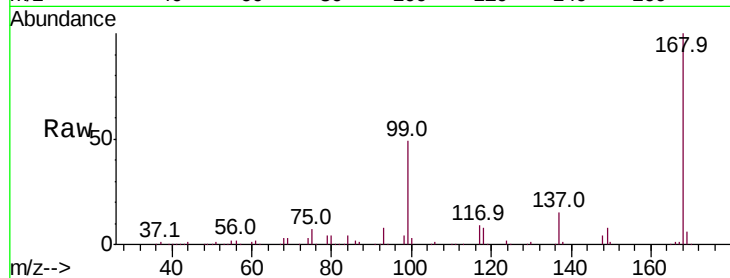
99 48.5 38.6 58.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

200000

150000

100000

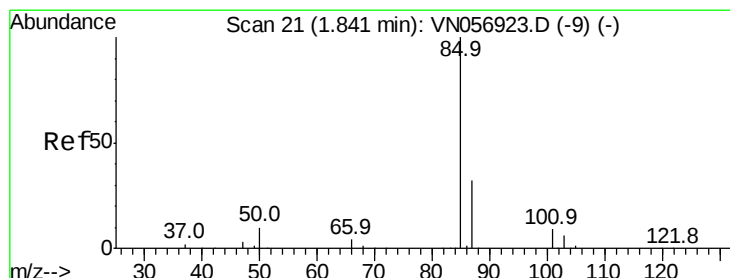
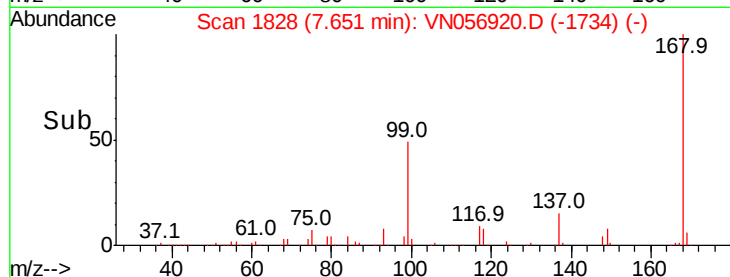
50000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 0.775 ug/l

RT: 1.84 min Scan# 21

Delta R.T. -0.00 min

Lab File: VN056920.D

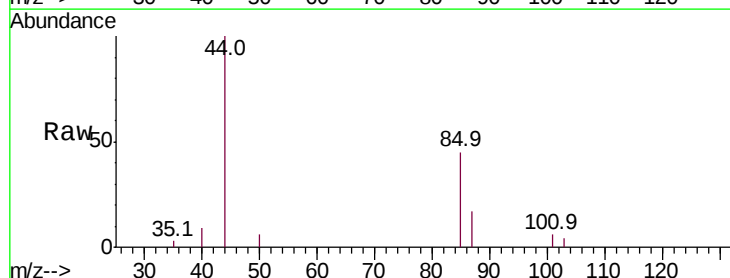
Acq: 25 Jul 2019 14:05

Tgt Ion: 85 Resp: 3732

Ion Ratio Lower Upper

85 100

87 36.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

3000

2500

2000

1500

1000

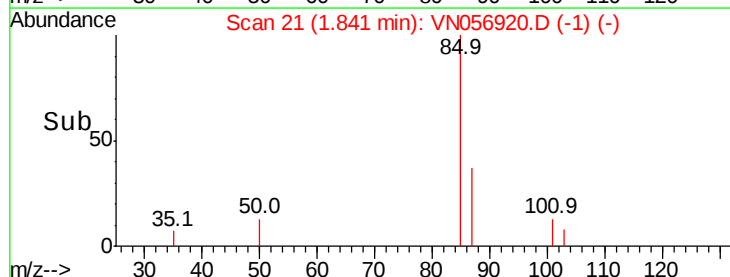
500

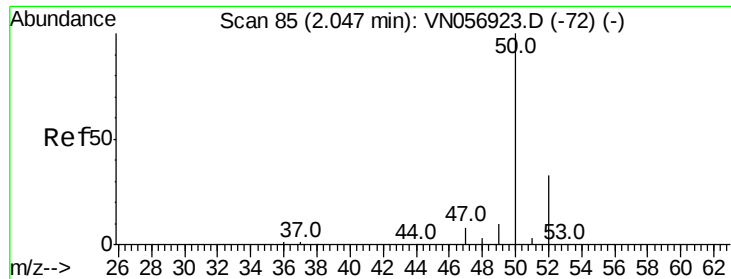
0

1.80

1.85

Time-->





#3

Chloromethane

Concen: 0.932 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 5368

Ion Ratio Lower Upper

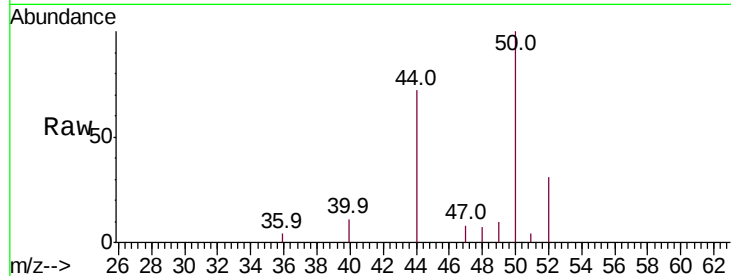
50 100

52 31.4 26.8 40.2

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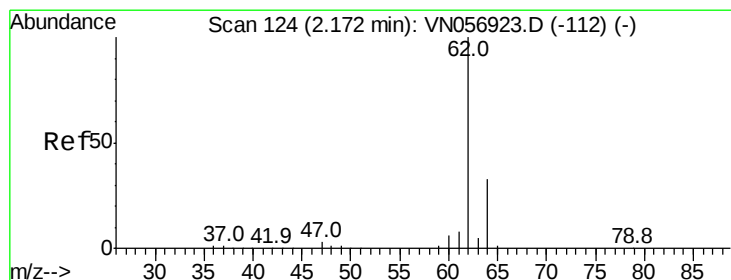
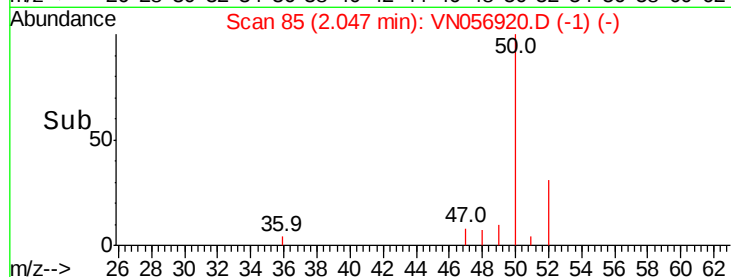
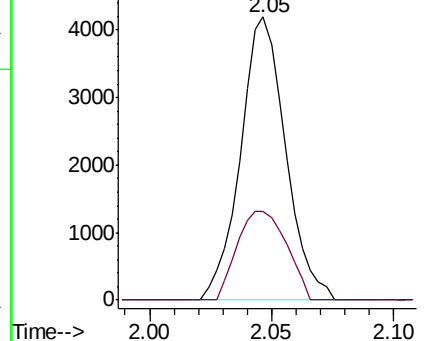
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Abundance Ion 49.90 (49.60 to 50.60): VNC

Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 0.927 ug/l

RT: 2.17 min Scan# 124

Delta R.T. -0.00 min

Lab File: VN056920.D

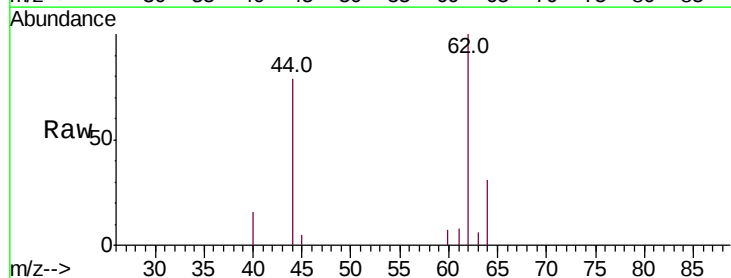
Acq: 25 Jul 2019 14:05

Tgt Ion: 62 Resp: 5030

Ion Ratio Lower Upper

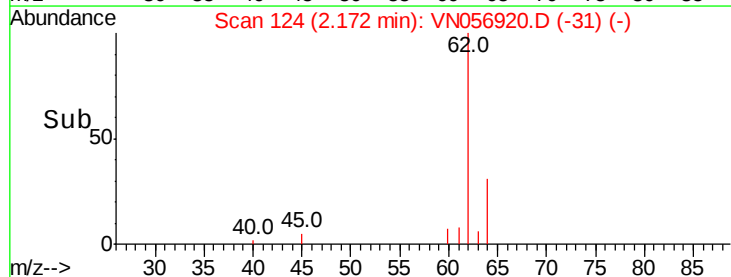
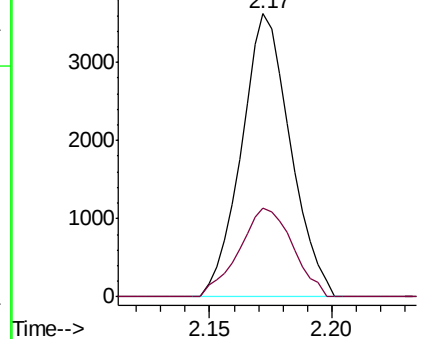
62 100

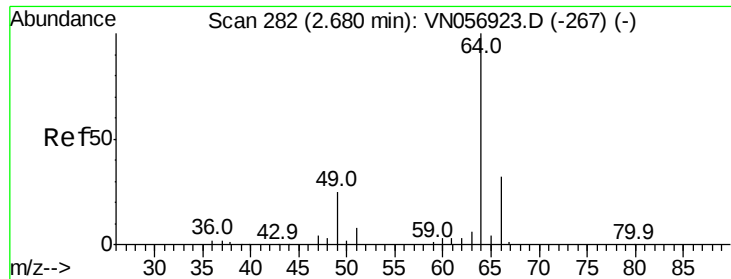
64 31.4 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 63.90 (63.60 to 64.60): VNC





#6

Chloroethane

Concen: 1.073 ug/l

RT: 2.69 min Scan# 285

Delta R.T. 0.01 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 3232

Ion Ratio Lower Upper

64 100

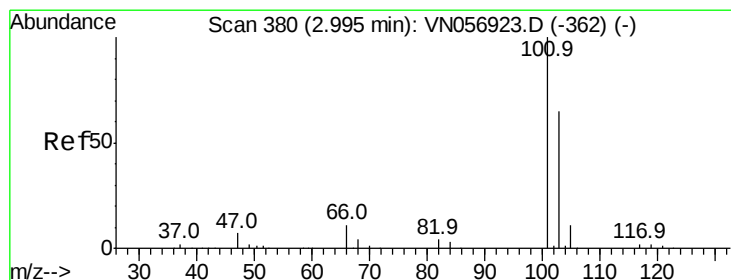
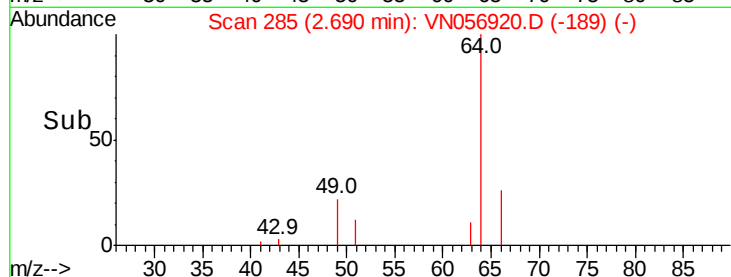
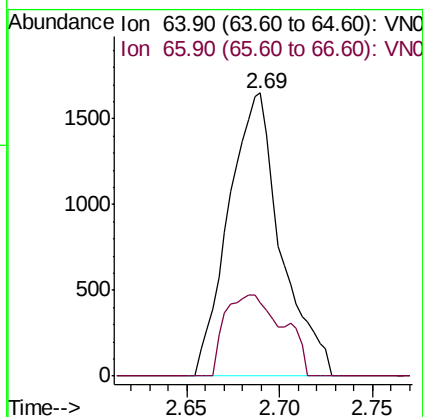
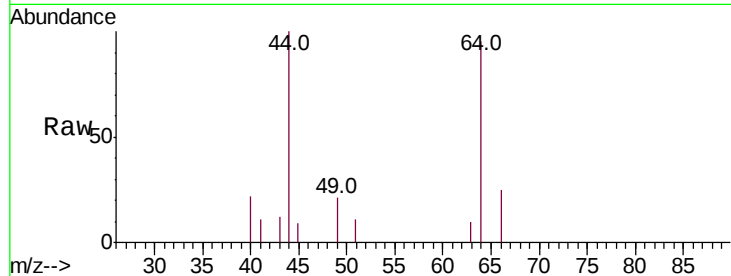
66 26.0 25.8 38.6

Manual Integrations

APPROVED

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#7

Trichlorofluoromethane

Concen: 0.949 ug/l

RT: 3.00 min Scan# 381

Delta R.T. 0.00 min

Lab File: VN056920.D

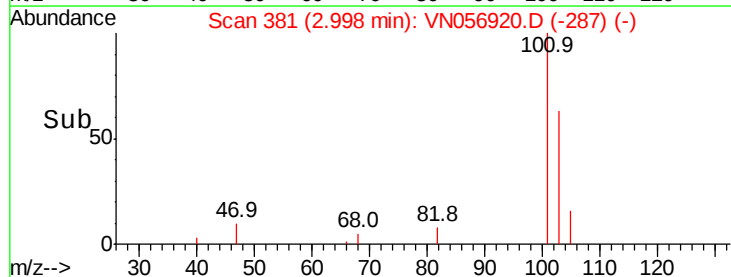
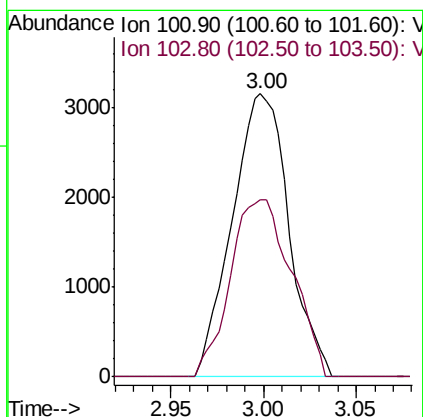
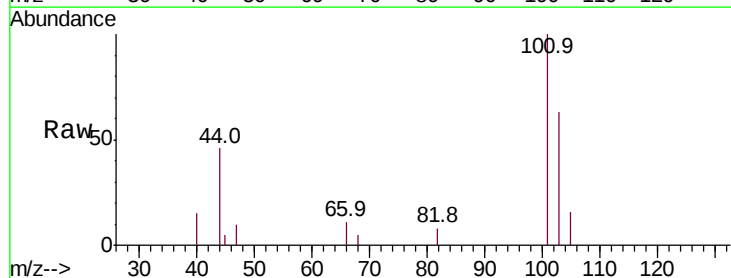
Acq: 25 Jul 2019 14:05

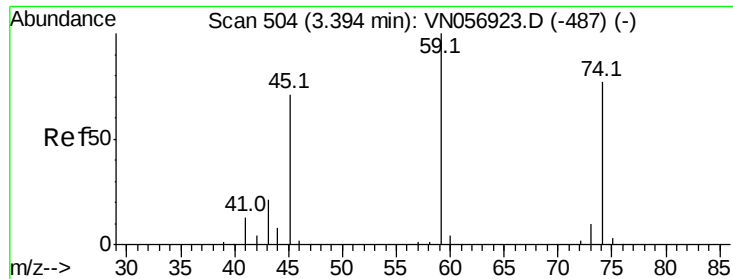
Tgt Ion: 101 Resp: 6709

Ion Ratio Lower Upper

101 100

103 62.6 52.0 78.0





#8

Diethyl Ether

Concen: 0.920 ug/l

RT: 3.39 min Scan# 503

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 2435

Ion Ratio Lower Upper

74 100

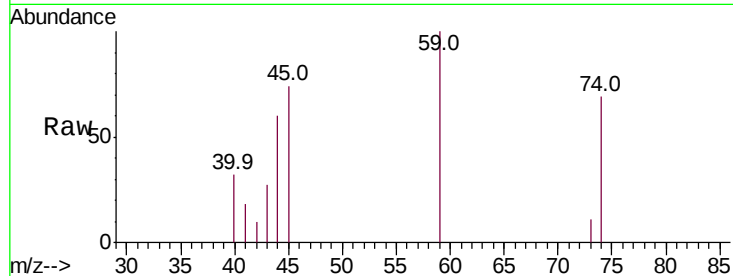
45 111.0 48.1 144.4

Manual Integrations

APPROVED

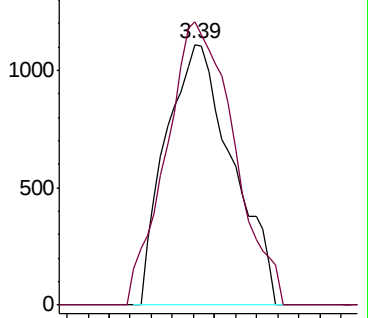
MMDadoda

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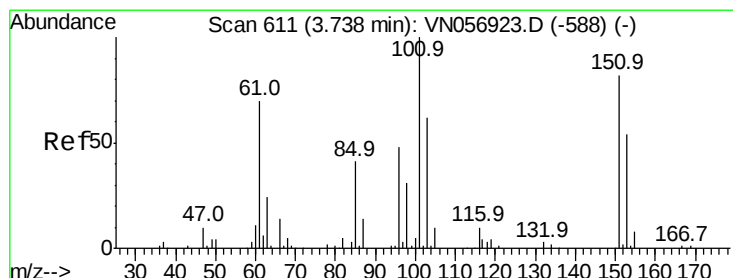
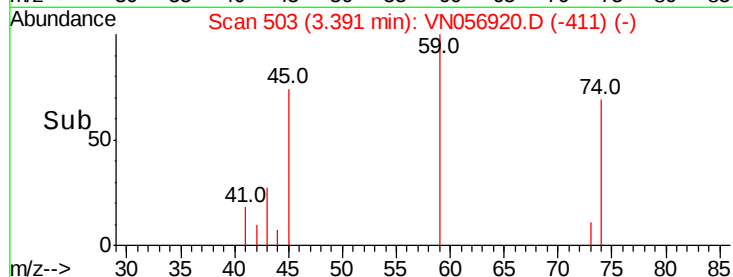


Abundance Ion 74.00 (73.70 to 74.70): VN056920.D (-487) (-)

Ion 45.00 (44.70 to 45.70): VN056920.D (-487) (-)



Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.049 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

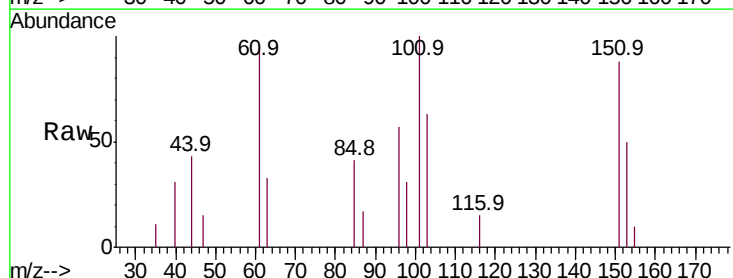
Tgt Ion: 101 Resp: 4557

Ion Ratio Lower Upper

101 100

85 37.5 32.7 49.1

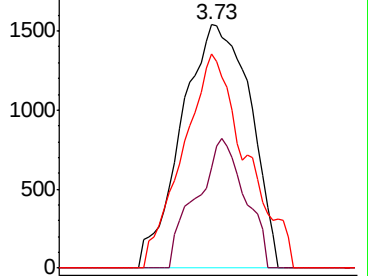
151 80.9 67.4 101.0



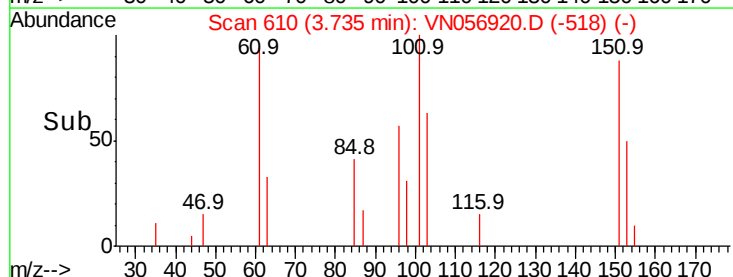
Abundance Ion 100.90 (100.60 to 101.60): VN056920.D (-518) (-)

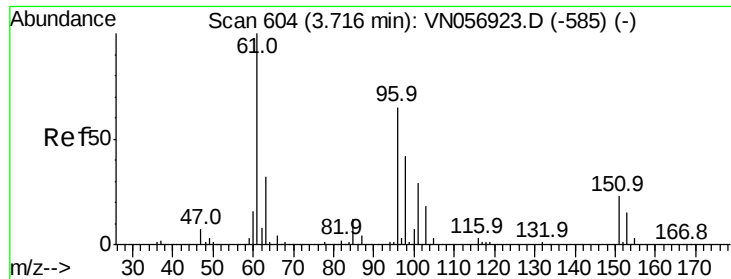
Ion 84.90 (84.60 to 85.60): VN056920.D (-518) (-)

Ion 150.80 (150.50 to 151.50): VN056920.D (-518) (-)



Time-->





#12

1,1-Dichloroethene

Concen: 0.923 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

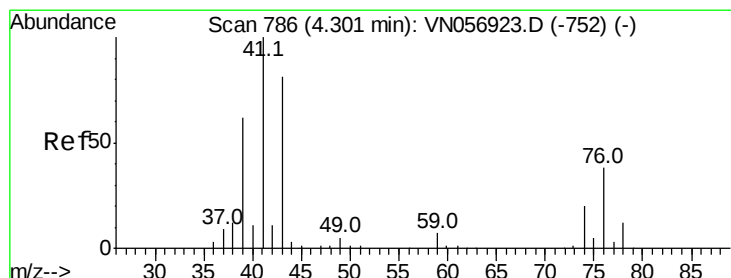
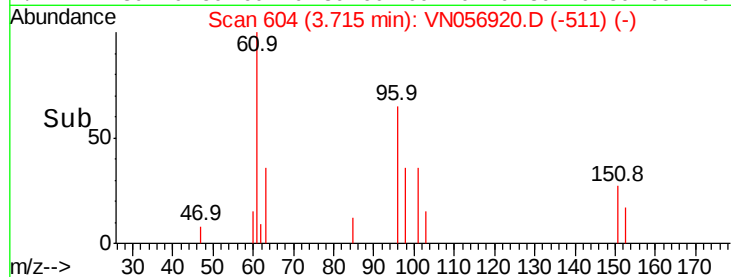
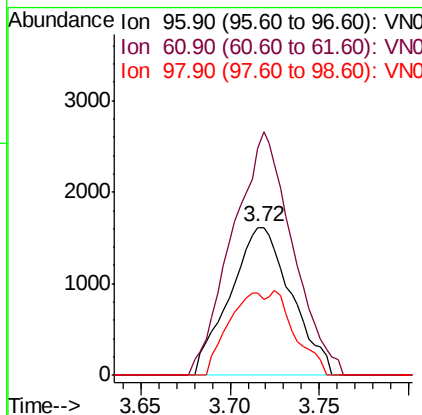
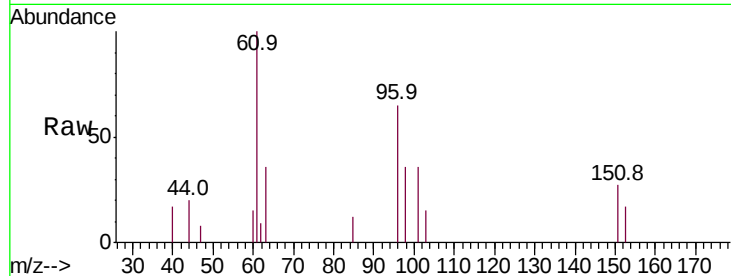
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3873
Ion	Ratio	Lower	Upper
96	100		
61	152.9	122.4	183.6
98	55.6	51.3	76.9

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#14

Allyl chloride

Concen: 0.957 ug/l

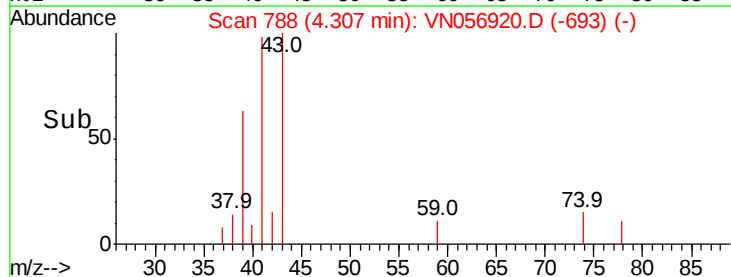
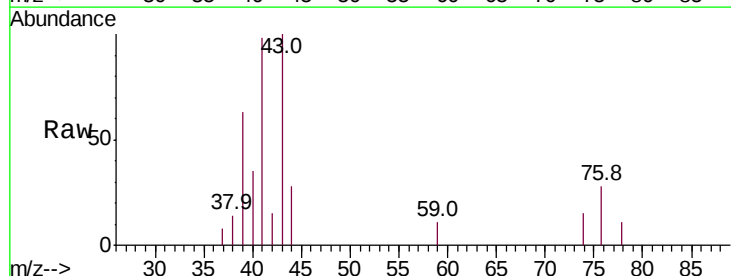
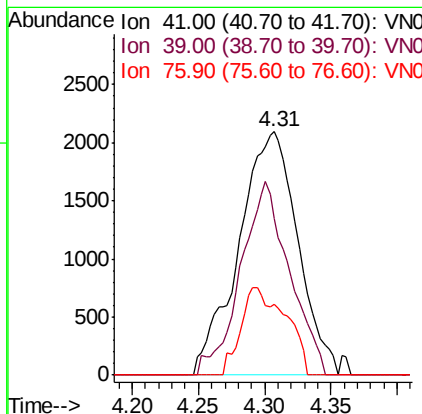
RT: 4.31 min Scan# 788

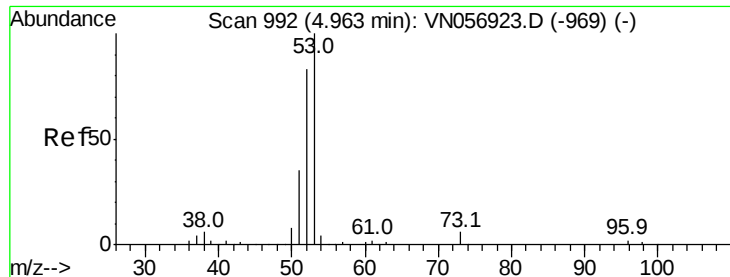
Delta R.T. 0.01 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Tgt Ion:	41	Resp:	6516
Ion	Ratio	Lower	Upper
41	100		
39	65.1	47.5	71.3
76	27.3	28.0	42.0#





#15

Acrylonitrile

Concen: 4.381 ug/l

RT: 4.97 min Scan# 994

Delta R.T. 0.01 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

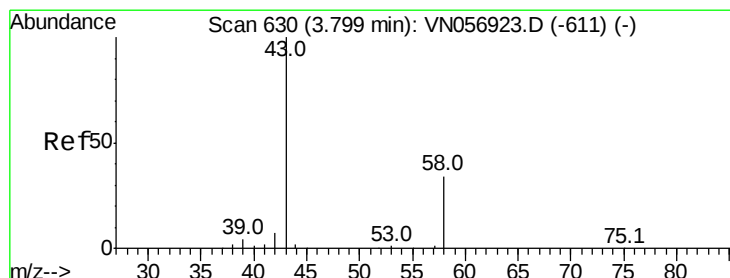
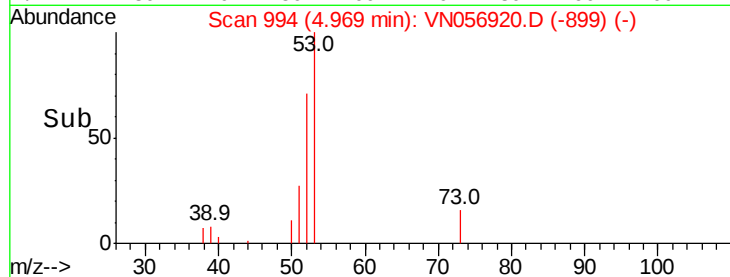
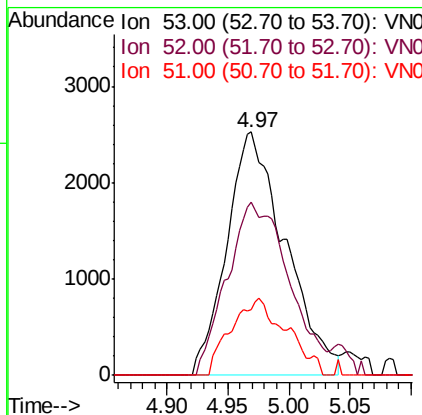
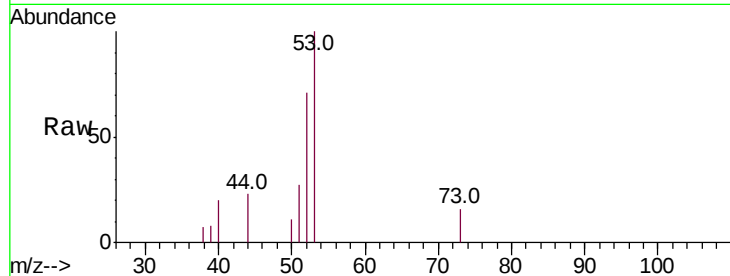
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	8412
Ion	Ratio	Lower	Upper
53	100		
52	75.1	65.5	98.3
51	30.0	28.1	42.1

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#16

Acetone

Concen: 4.859 ug/l

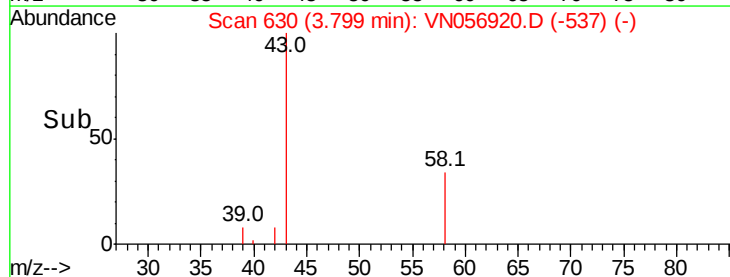
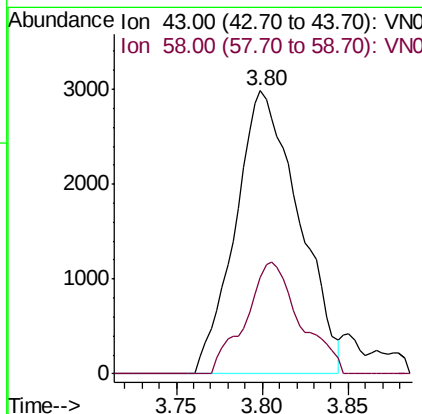
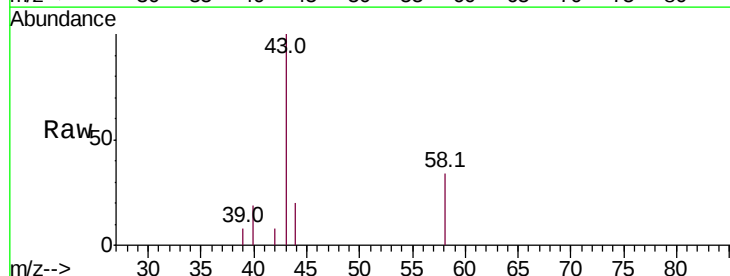
RT: 3.80 min Scan# 630

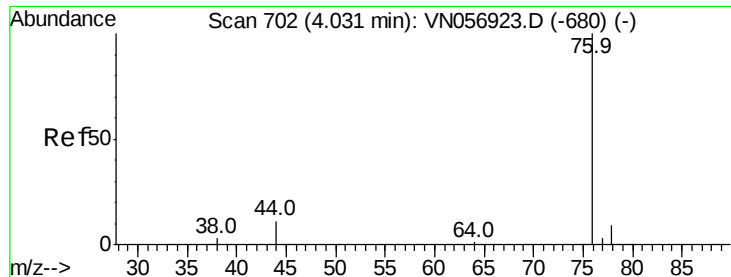
Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Tgt Ion:	43	Resp:	7674
Ion	Ratio	Lower	Upper
43	100		
58	34.1	27.3	40.9





#17

Carbon Disulfide

Concen: 0.990 ug/l

RT: 4.03 min Scan# 703

Delta R.T. 0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 11179

Ion Ratio Lower Upper

76 100

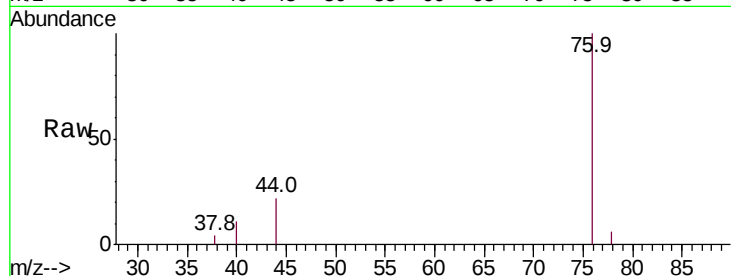
78 6.0 7.3 10.9#

Manual Integrations

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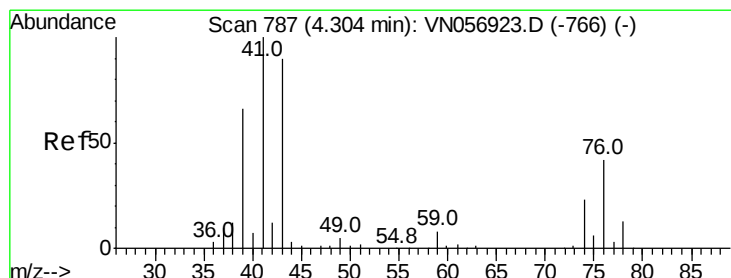
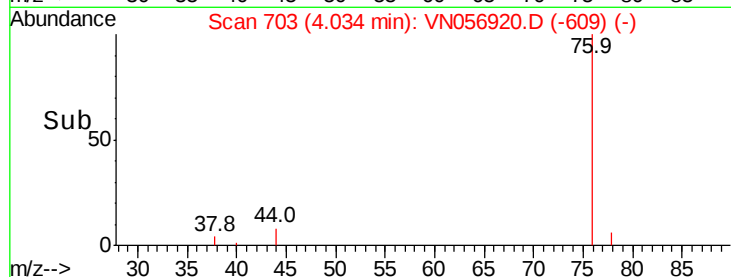
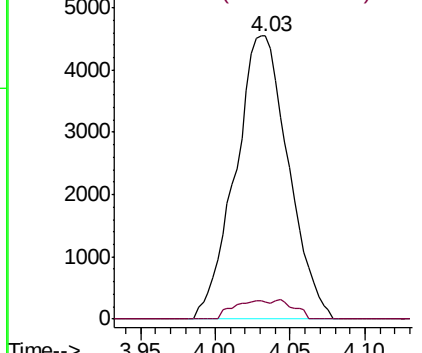
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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 1.176 ug/l

RT: 4.30 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN056920.D

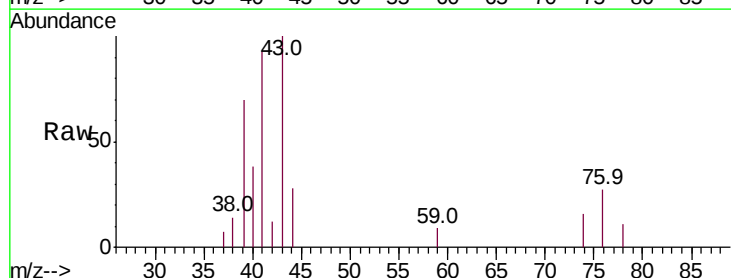
Acq: 25 Jul 2019 14:05

Tgt Ion: 43 Resp: 6505

Ion Ratio Lower Upper

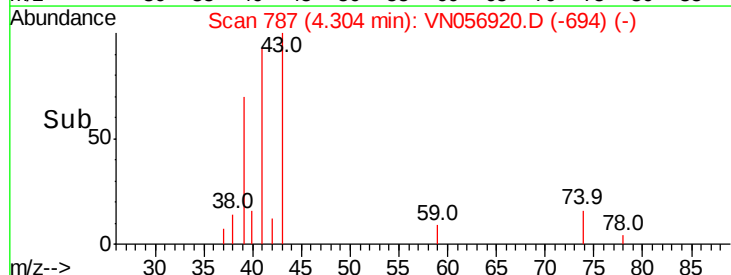
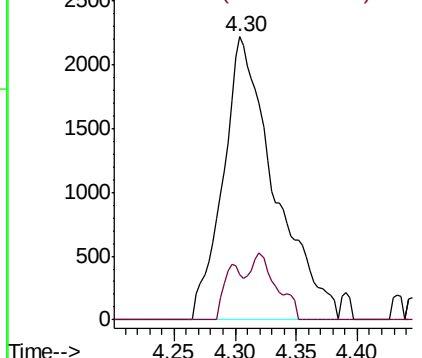
43 100

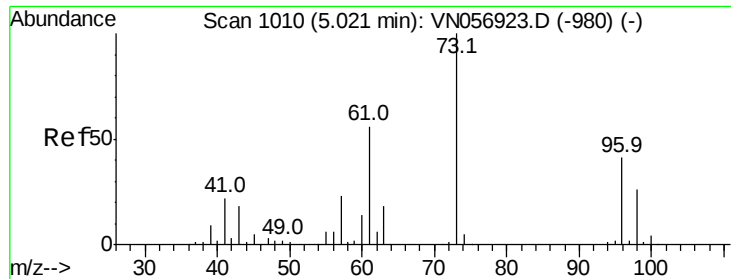
74 7.1 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO





#19

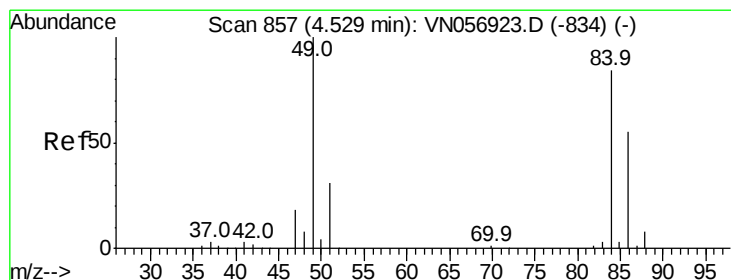
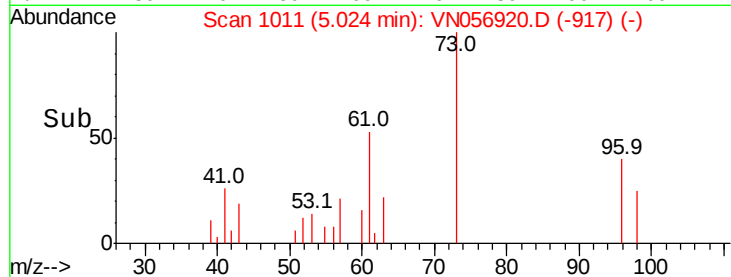
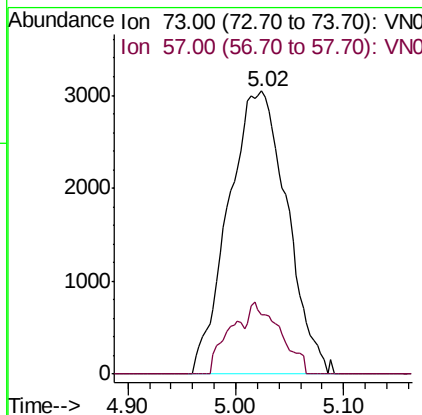
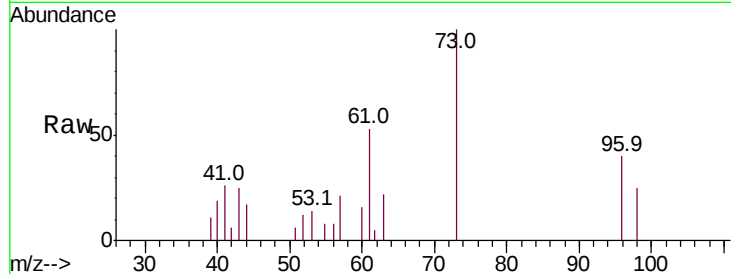
Methyl tert-butyl Ether
 Concen: 0.932 ug/l
 RT: 5.02 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 73 Resp: 11493
 Ion Ratio Lower Upper
 73 100
 57 20.8 18.2 27.4

Manual Integrations
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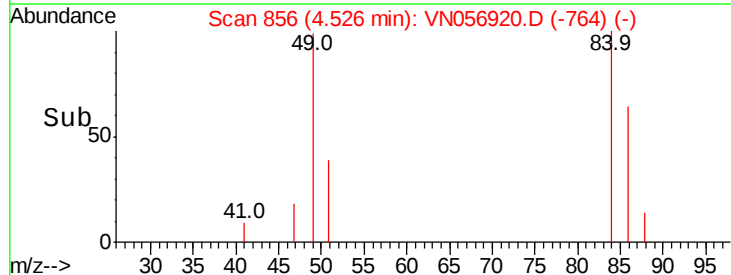
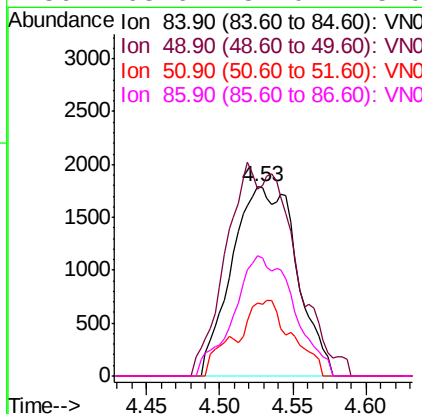
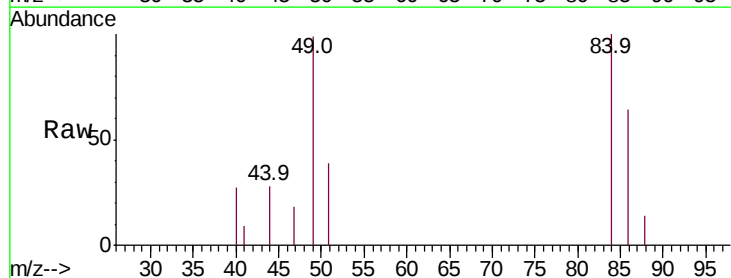
MMDadoda
 7/26/2019 12:38:36 PM

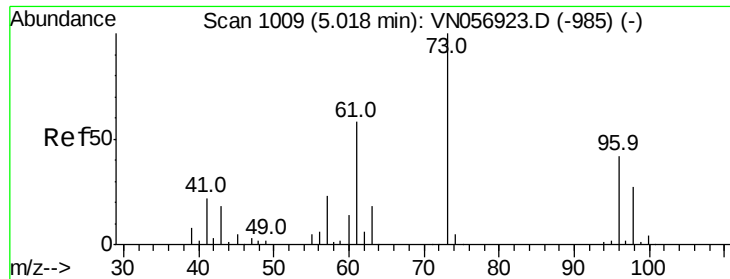


#20

Methylene Chloride
 Concen: 1.097 ug/l m
 RT: 4.53 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Tgt Ion: 84 Resp: 5486
 Ion Ratio Lower Upper
 84 100
 49 98.8 95.0 142.6
 51 38.6 29.8 44.8
 86 63.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 0.967 ug/l

RT: 5.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 96 Resp: 4341

Ion Ratio Lower Upper

96 100

61 117.9 109.9 164.9

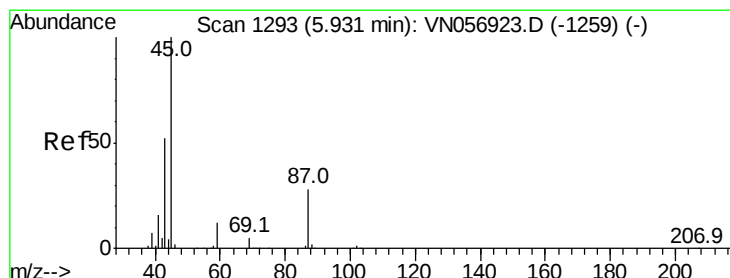
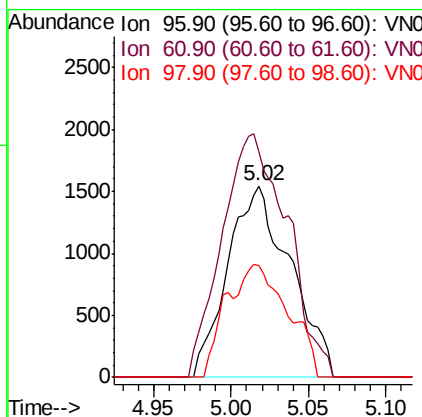
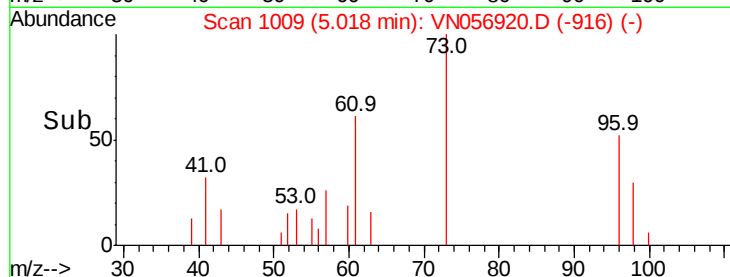
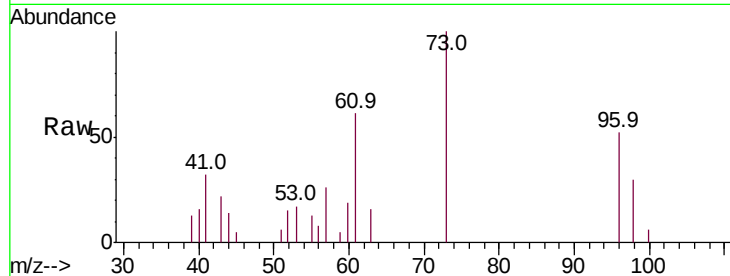
98 58.4 51.0 76.4

Manual Integrations

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#22

Diisopropyl ether

Concen: 0.901 ug/l

RT: 5.93 min Scan# 1292

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Tgt Ion: 45 Resp: 12481

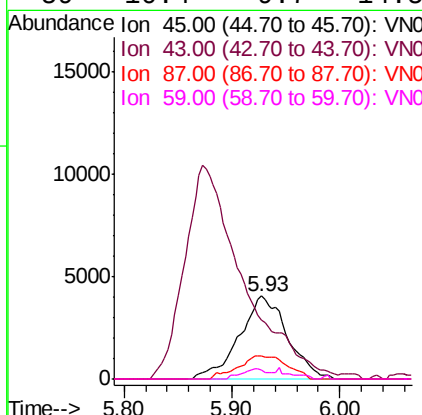
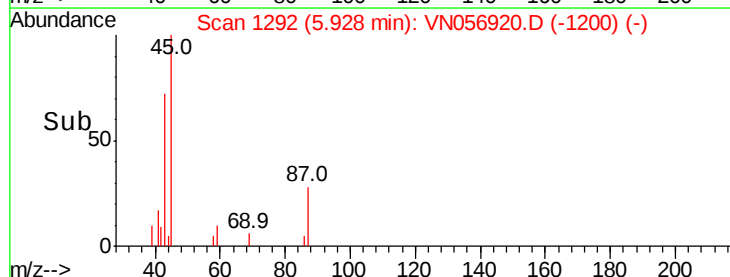
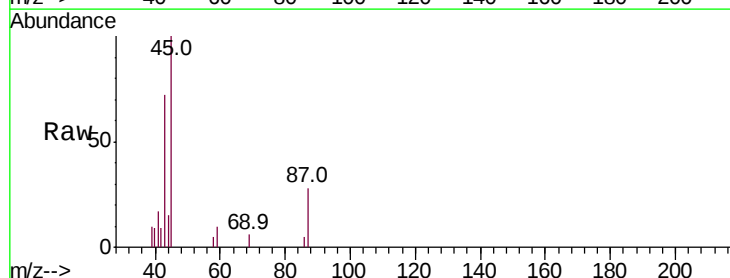
Ion Ratio Lower Upper

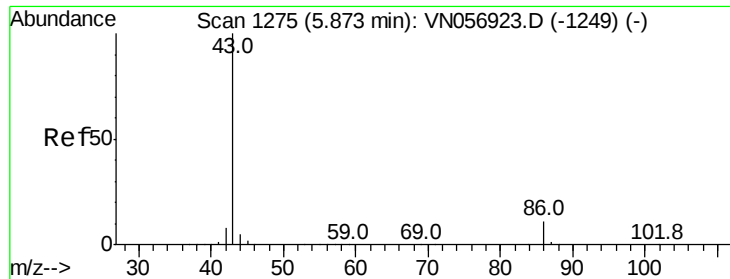
45 100

43 66.4 44.7 67.1

87 27.9 23.1 34.7

59 10.4 9.7 14.5





#23

Vinyl Acetate

Concen: 4.103 ug/l

RT: 5.87 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 39175

Ion Ratio Lower Upper

43 100

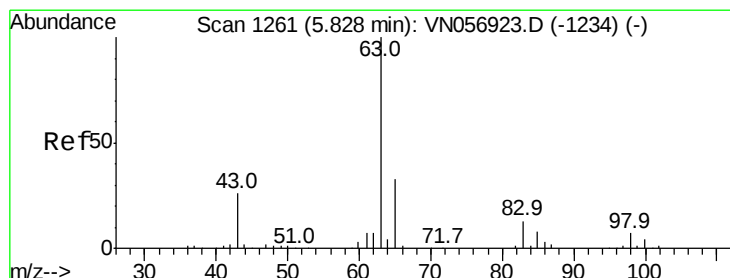
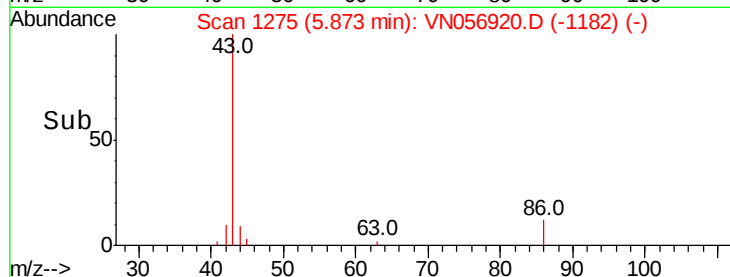
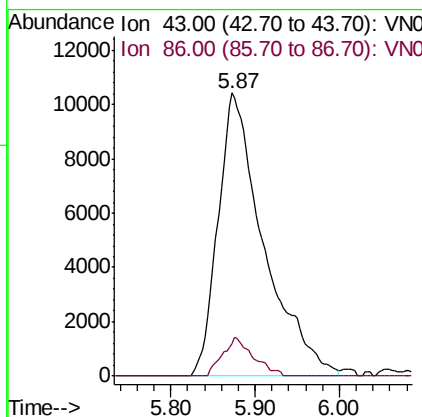
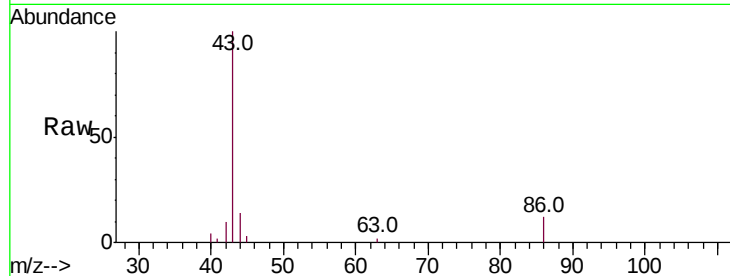
86 11.7 8.6 13.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 0.924 ug/l

RT: 5.83 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

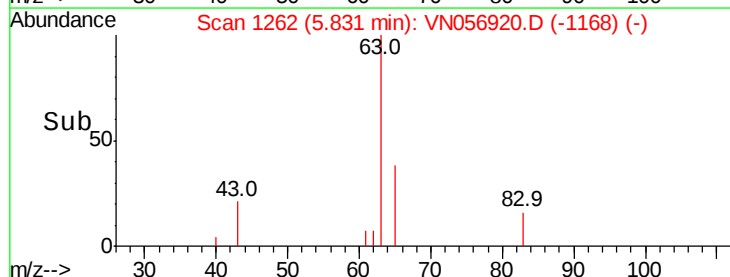
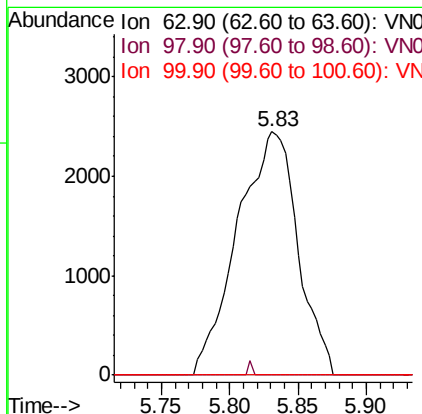
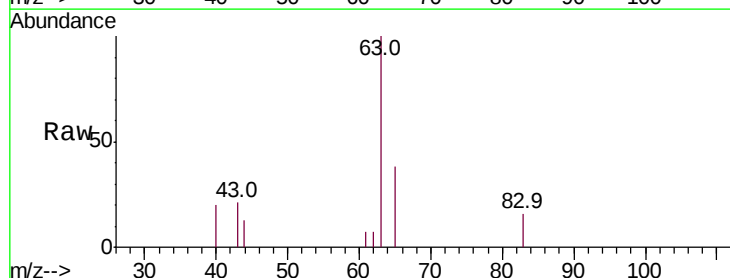
Tgt Ion: 63 Resp: 7526

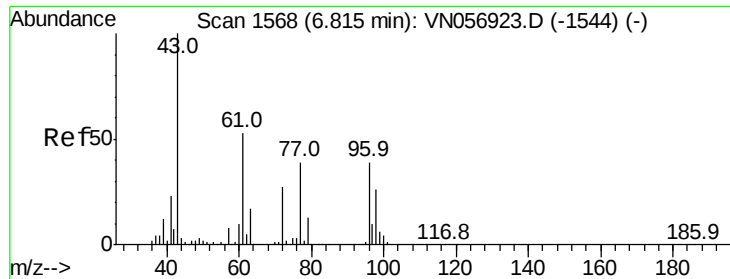
Ion Ratio Lower Upper

63 100

98 0.0 3.4 10.1#

100 0.0 2.1 6.3#





#25

2-Butanone

Concen: 4.731 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.01 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 11501

Ion Ratio Lower Upper

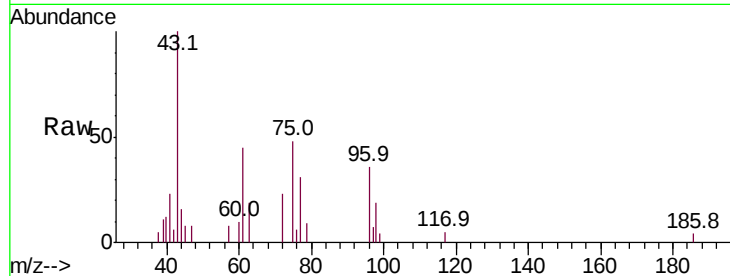
43 100

72 23.0 21.9 32.9

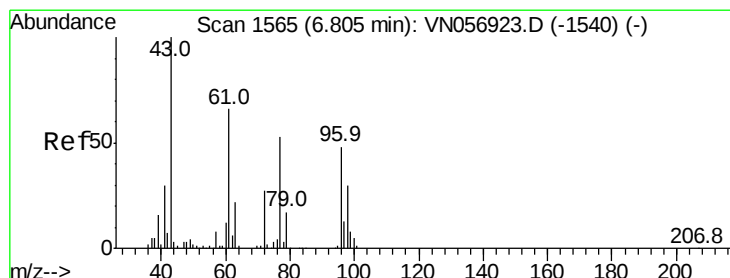
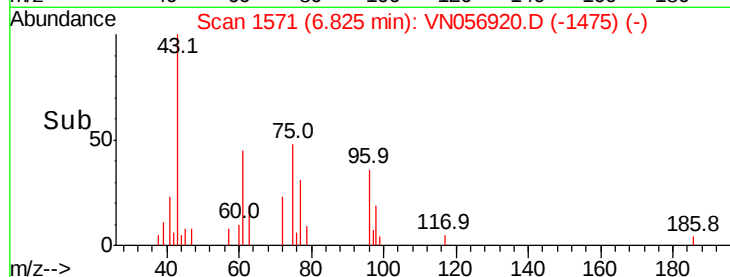
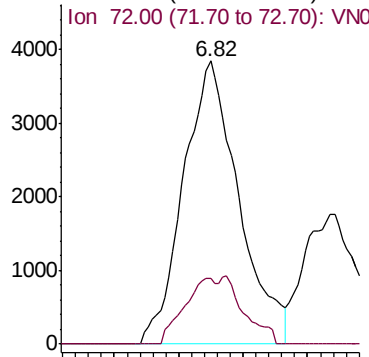
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Abundance Ion 43.00 (42.70 to 43.70): VN056923.D (-1544) (-)



#26

2,2-Dichloropropane

Concen: 0.933 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN056920.D

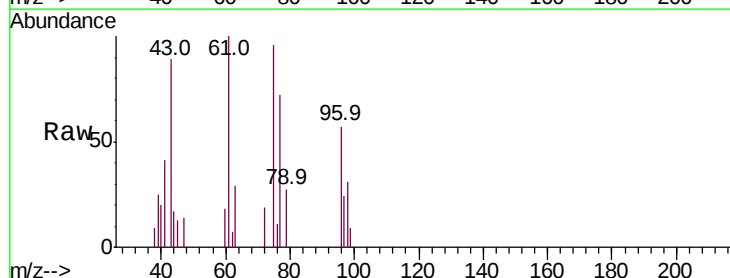
Acq: 25 Jul 2019 14:05

Tgt Ion: 77 Resp: 5578

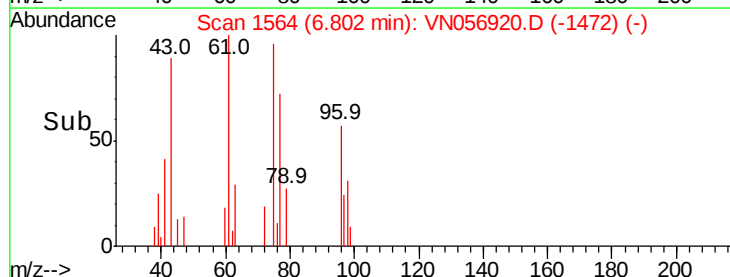
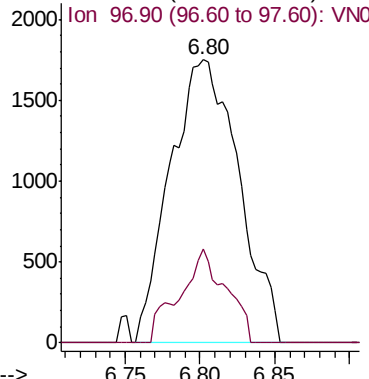
Ion Ratio Lower Upper

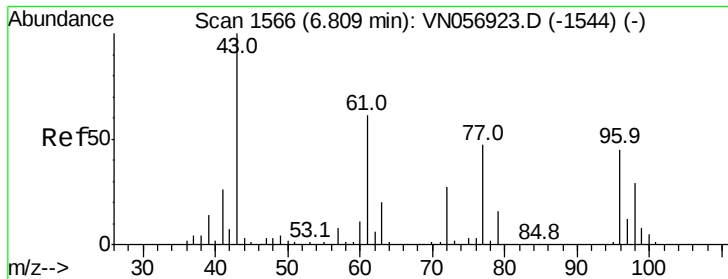
77 100

97 22.4 12.3 36.8



Abundance Ion 76.90 (76.60 to 77.60): VN056923.D (-1540) (-)





#27

cis-1,2-Dichloroethene

Concen: 0.878 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 96 Resp: 4498

Ion Ratio Lower Upper

96 100

61 165.6 0.0 278.8

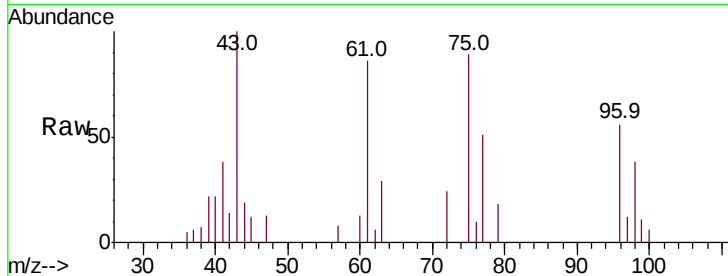
98 38.8 0.0 130.0

Manual Integrations

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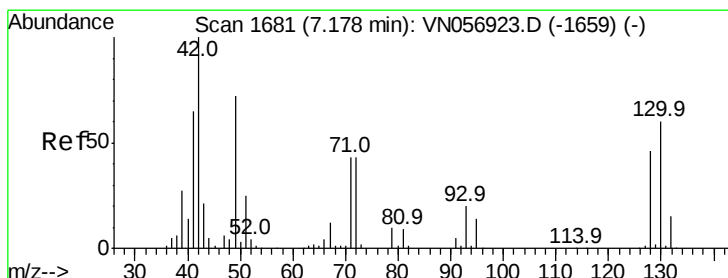
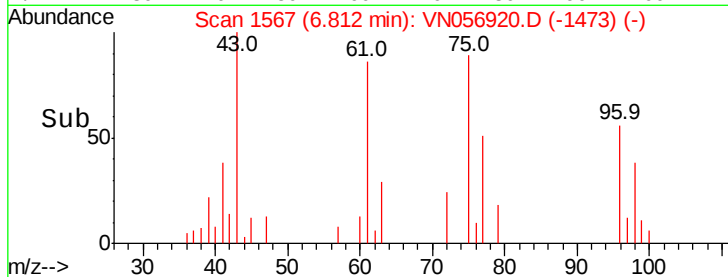
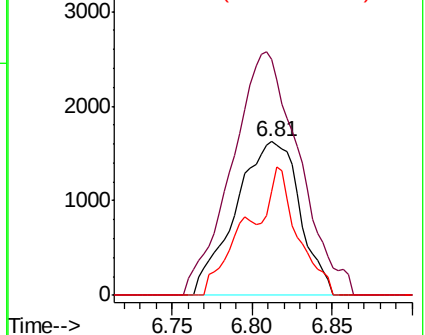
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Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 0.923 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

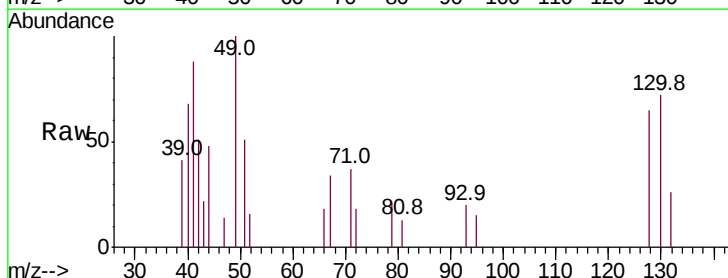
Tgt Ion: 49 Resp: 3469

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

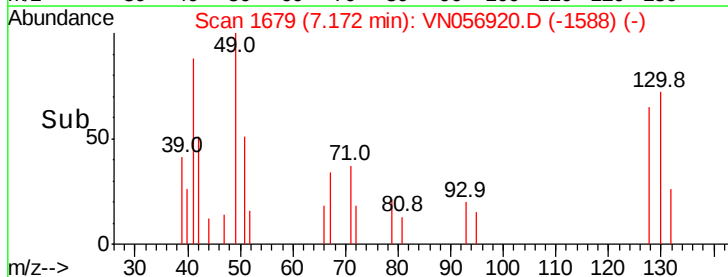
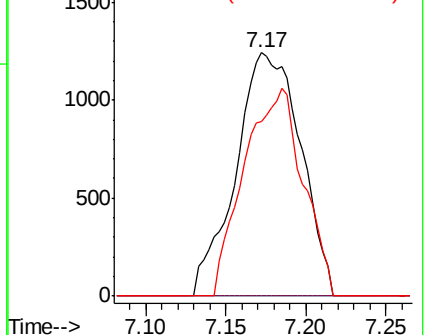
130 77.2 67.3 100.9

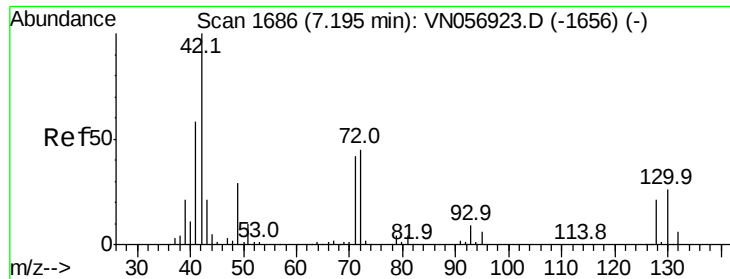


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





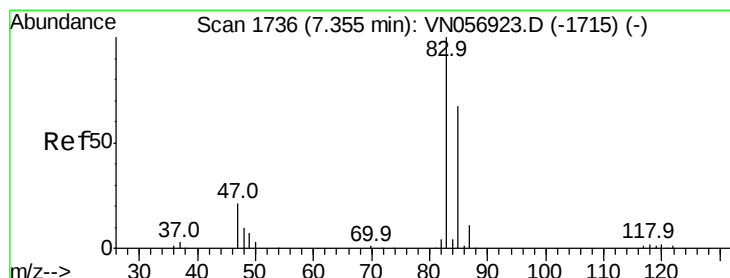
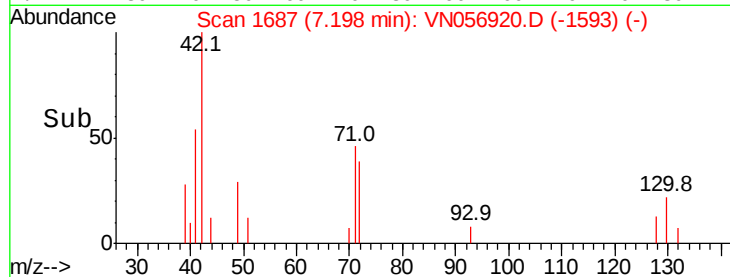
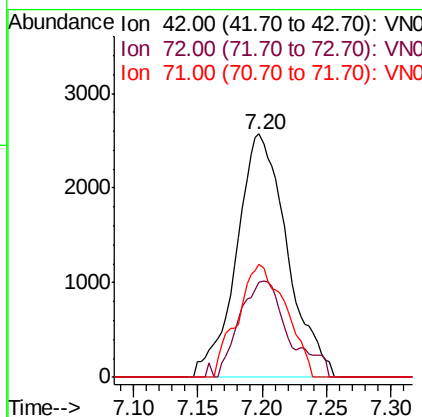
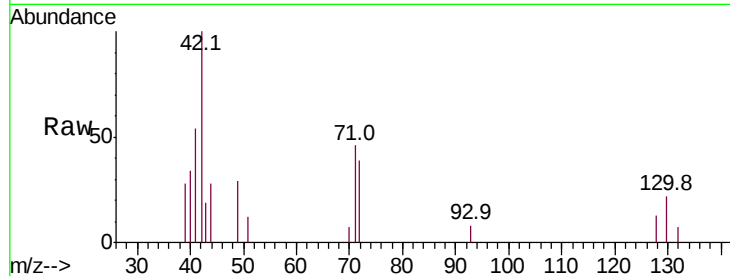
#29
Tetrahydrofuran
Concen: 4.414 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.4	35.5	53.3
71	44.1	33.0	49.6

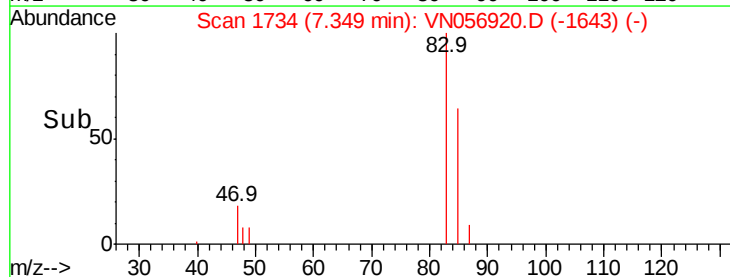
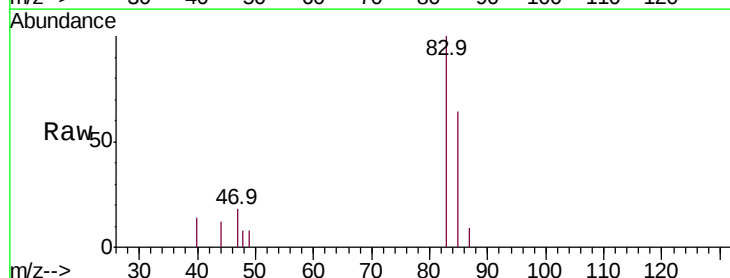
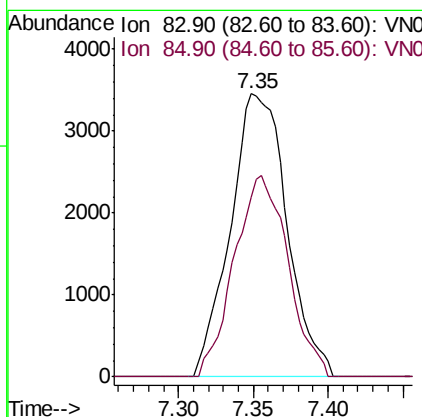
Manual Integrations
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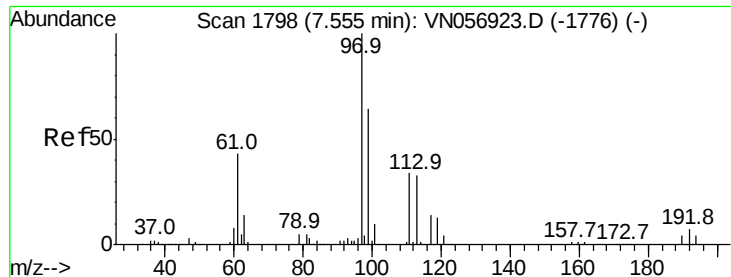
MMDadoda
7/26/2019 12:38:36 PM



#30
Chloroform
Concen: 1.085 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.01 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.5	80.3





#32

1,1,1-Trichloroethane

Concen: 0.980 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 6580

Ion Ratio Lower Upper

97 100

99 0.0 51.6 77.4#

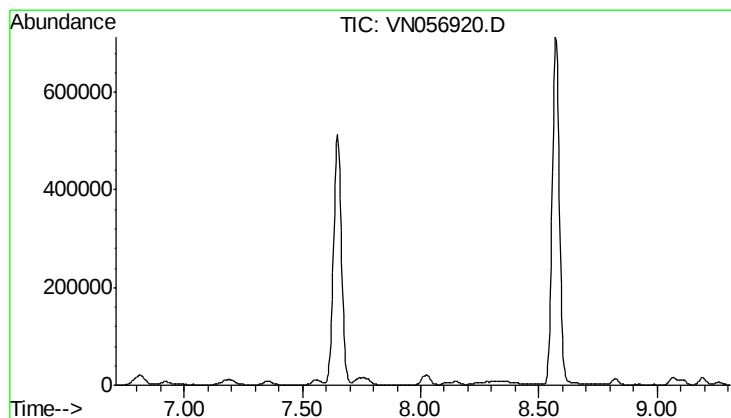
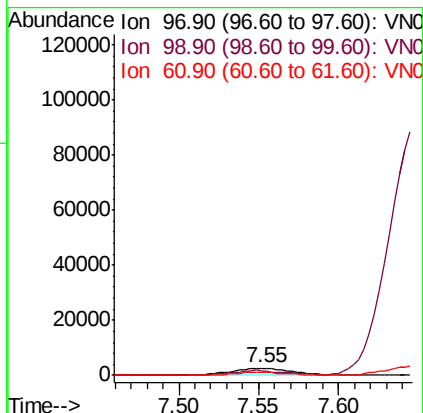
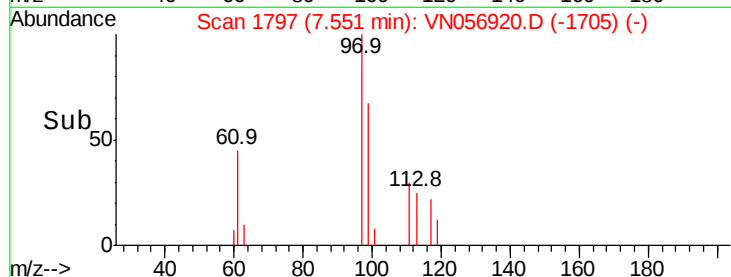
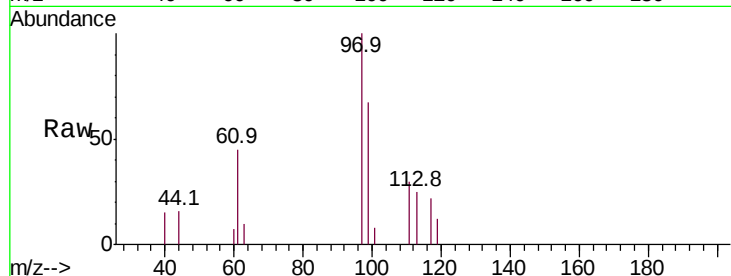
61 38.0 33.8 50.6

Manual Integrations

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.01 min

Lab File: VN056920.D

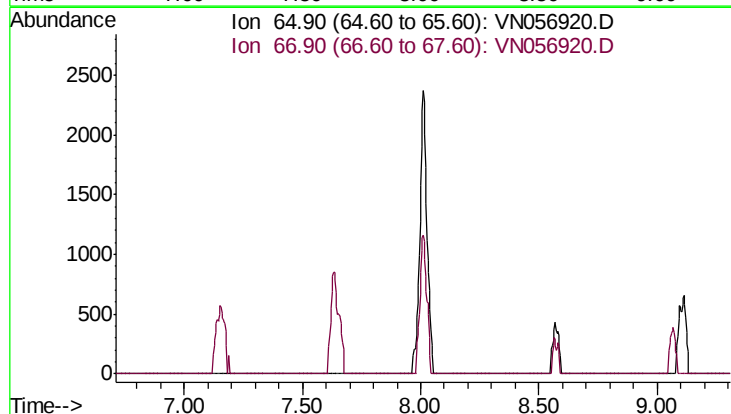
Acq: 25 Jul 2019 14:05

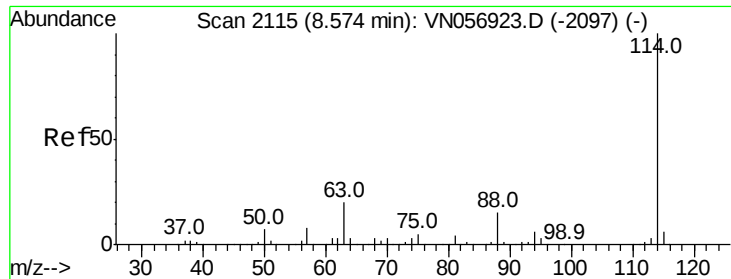
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.6





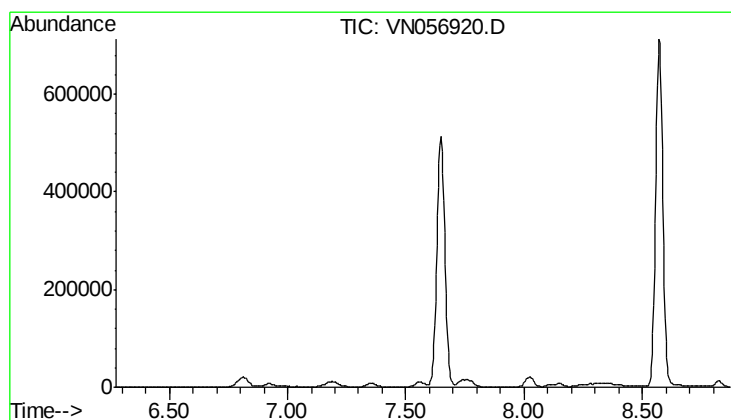
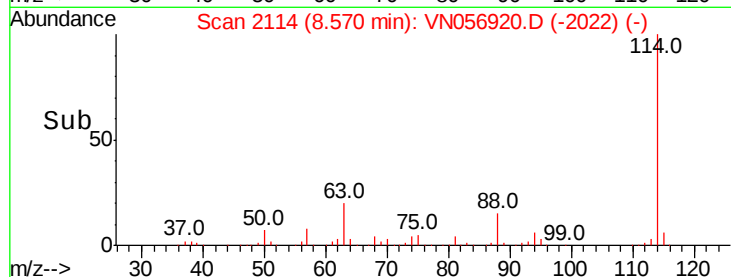
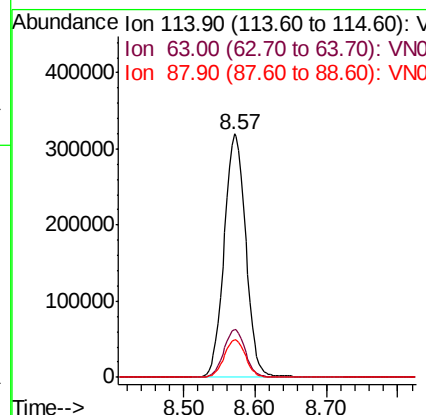
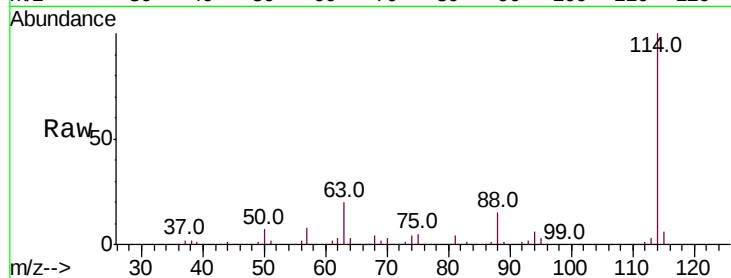
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.8	0.0	39.4
88	15.3	0.0	30.4

Manual Integrations
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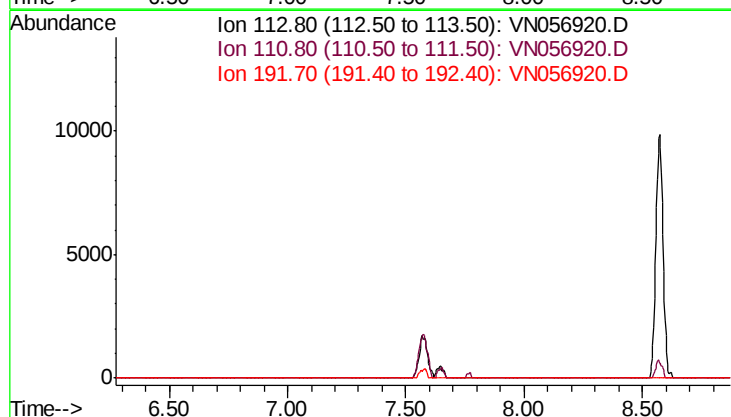
MMDadoda
7/26/2019 12:38:36 PM

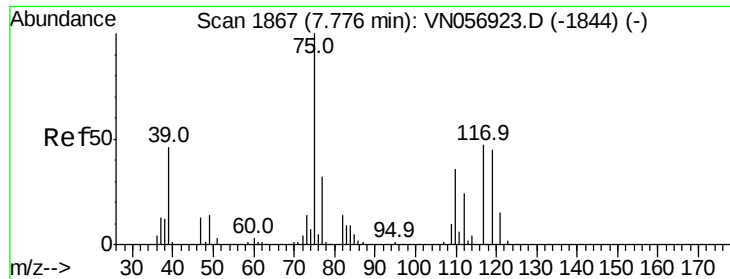


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.57 min

Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Tgt Ion	Exp Ratio
113	100
111	102.7
192	22.9





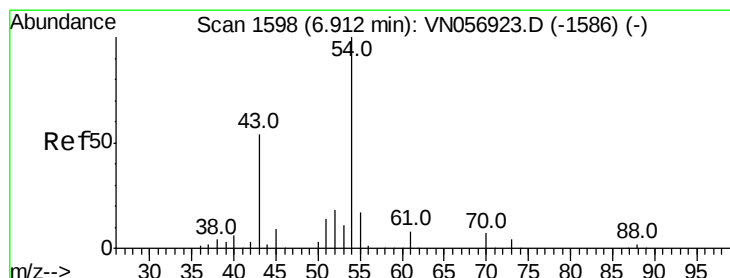
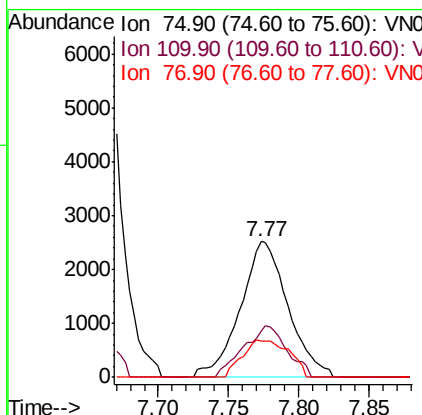
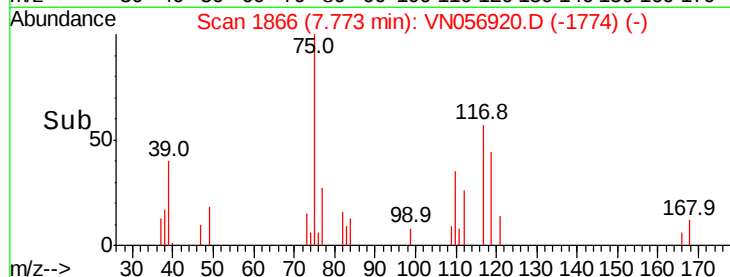
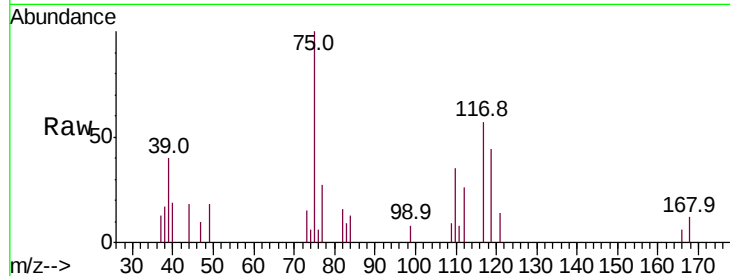
#36
 1,1-Dichloropropene
 Concen: 0.967 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.5	18.9	56.9
77	26.6	25.4	38.0

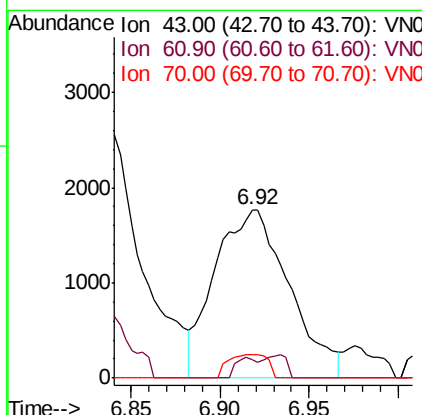
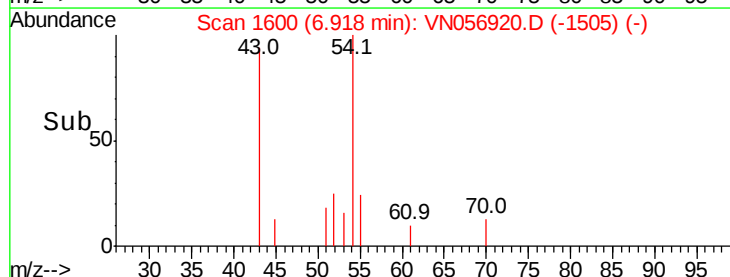
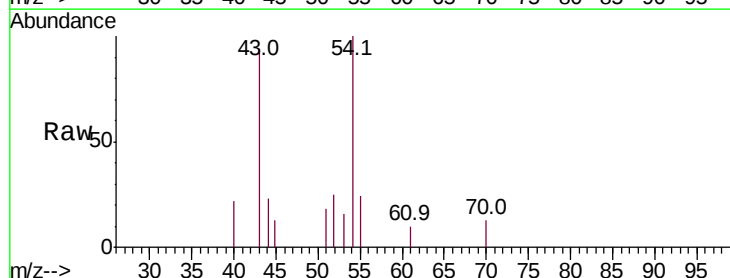
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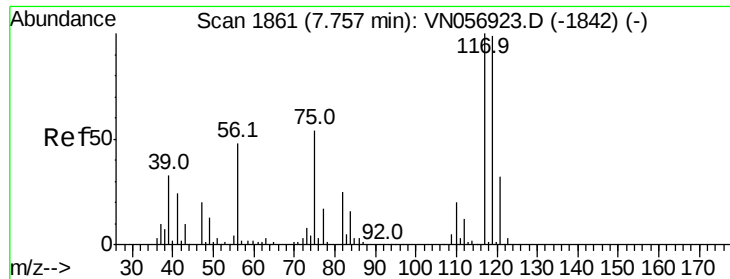
MMDadoda
 7/26/2019 12:38:36 PM



#37
 Ethyl Acetate
 Concen: 1.024 ug/l
 RT: 6.92 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.9	17.9#
70	7.4	8.8	13.2#





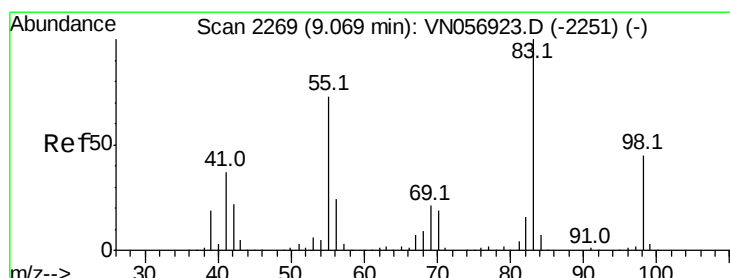
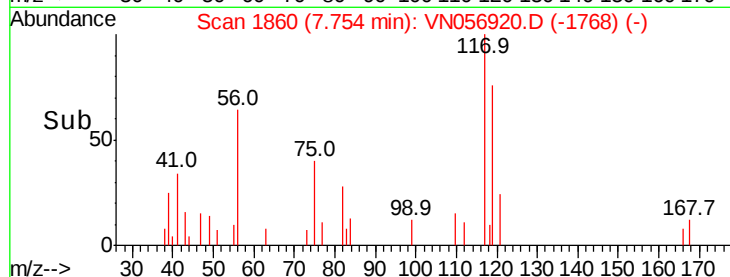
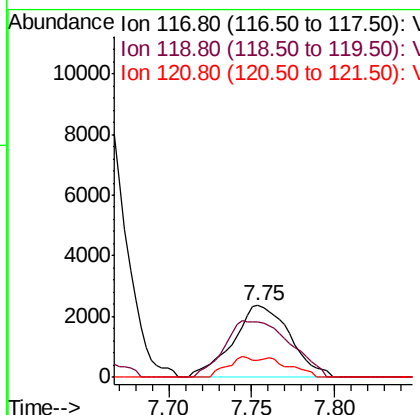
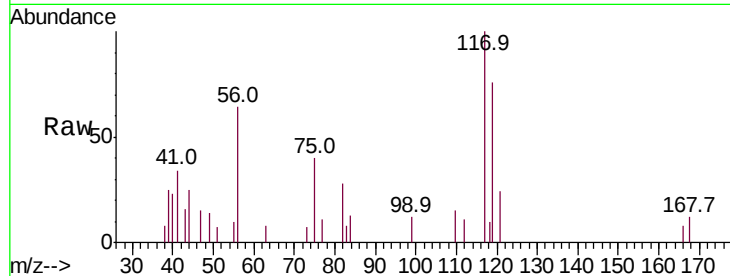
#38
Carbon Tetrachloride
Concen: 0.970 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	76.5	79.0	118.6#
121	23.9	25.1	37.7#

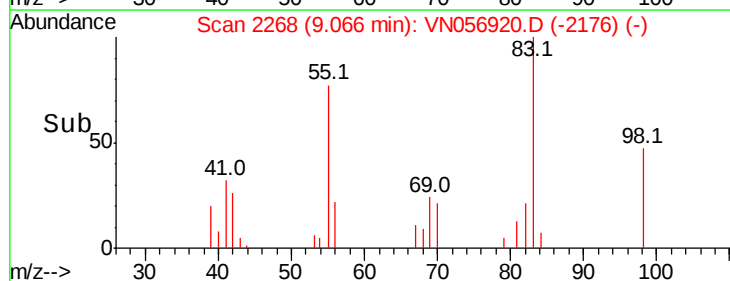
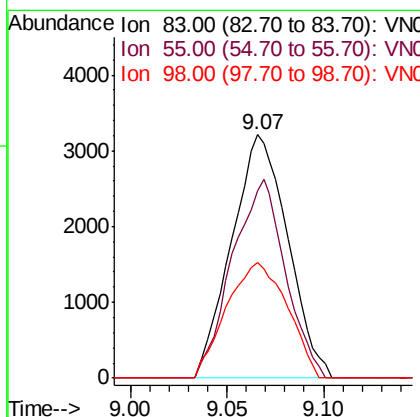
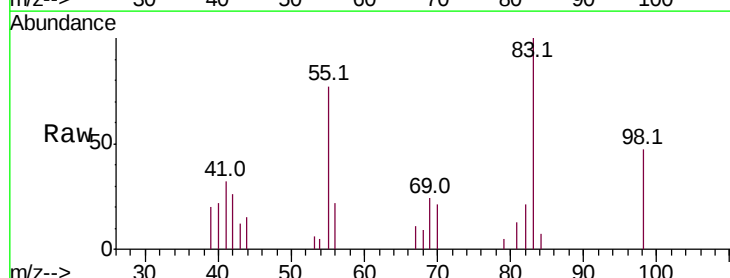
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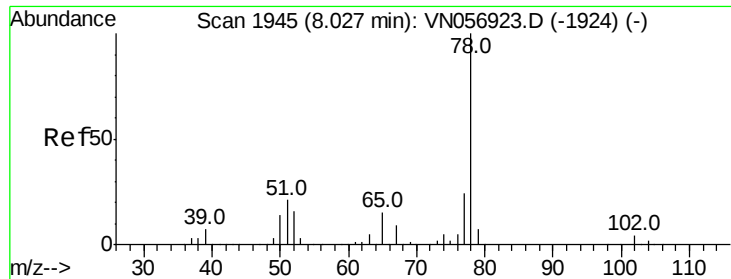
MMDadoda
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#39
Methylcyclohexane
Concen: 0.861 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.1	58.8	88.2
98	47.4	35.8	53.6





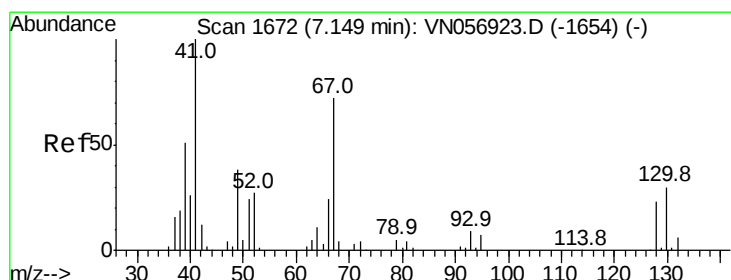
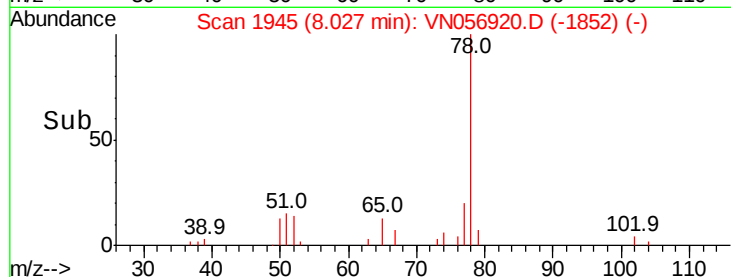
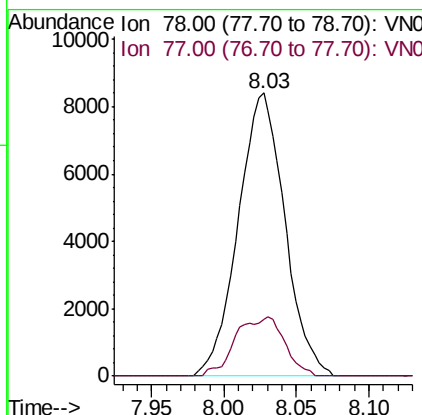
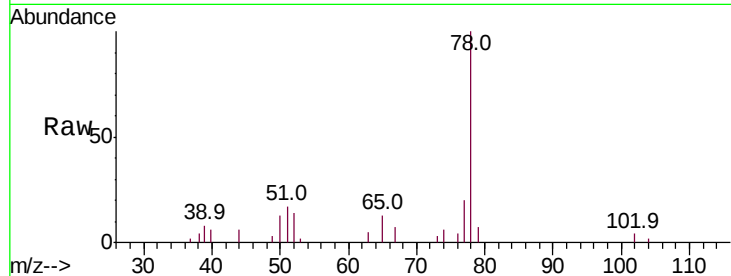
#40
Benzene
Concen: 0.976 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 18770
Ion Ratio Lower Upper
78 100
77 20.1 19.5 29.3

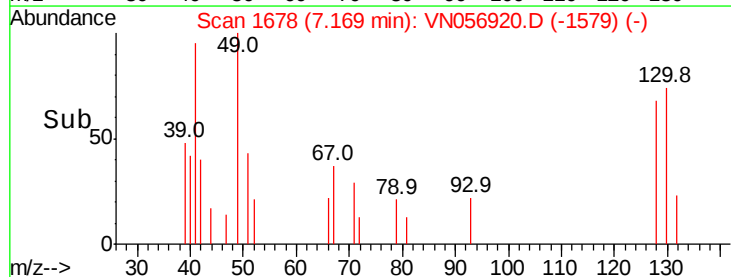
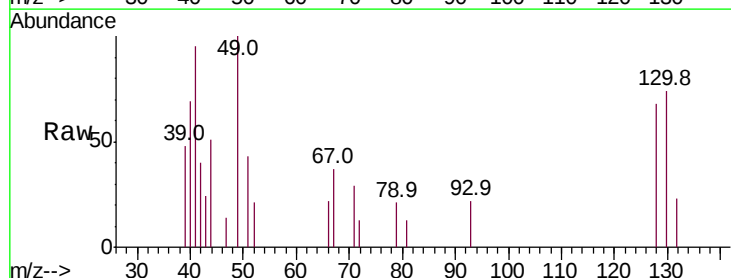
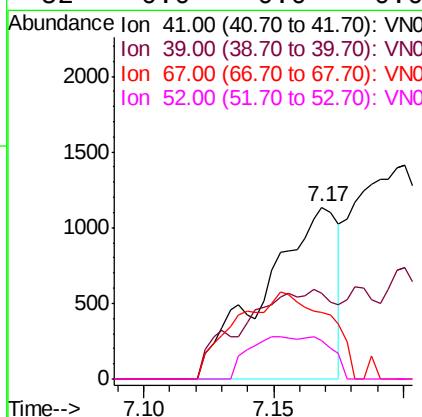
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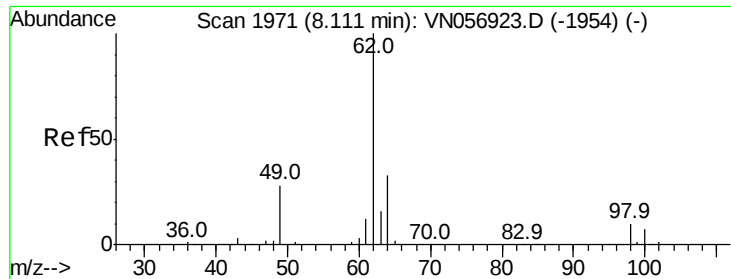
MMDadoda
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#41
Methacrylonitrile
Concen: 1.097 ug/l m
RT: 7.17 min Scan# 1678
Delta R.T. 0.02 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Tgt Ion: 41 Resp: 2226
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0





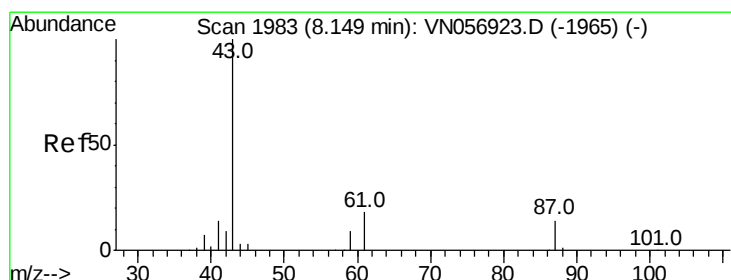
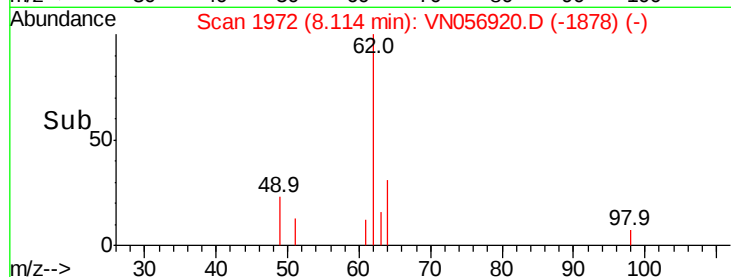
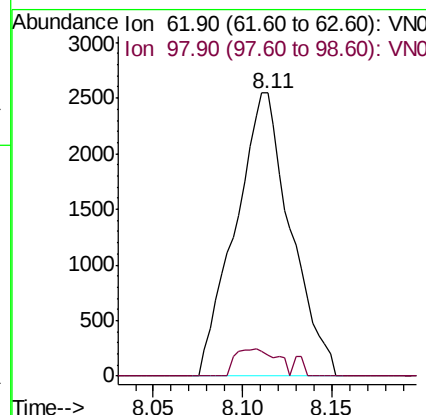
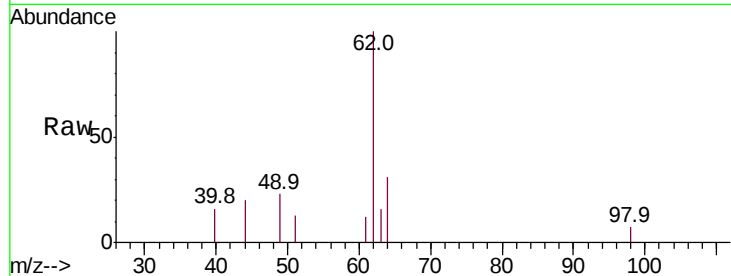
#42
 1,2-Dichloroethane
 Concen: 0.922 ug/l
 RT: 8.11 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 62 Resp: 5476
 Ion Ratio Lower Upper
 62 100
 98 7.2 0.0 20.8

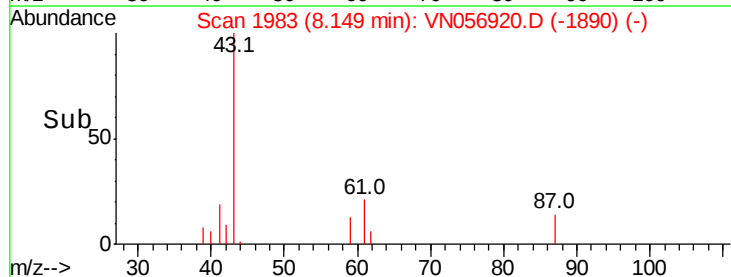
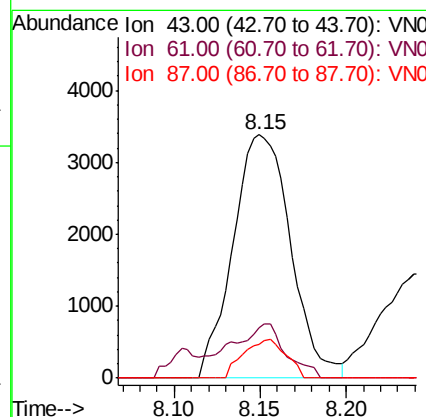
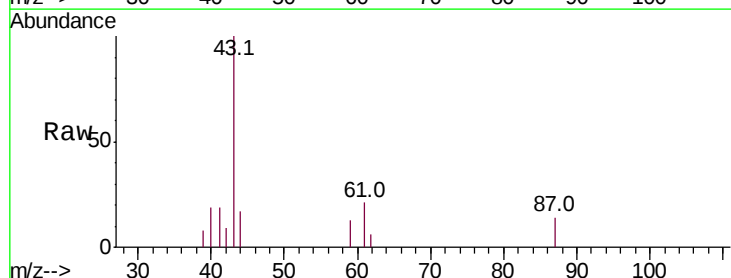
Manual Integrations
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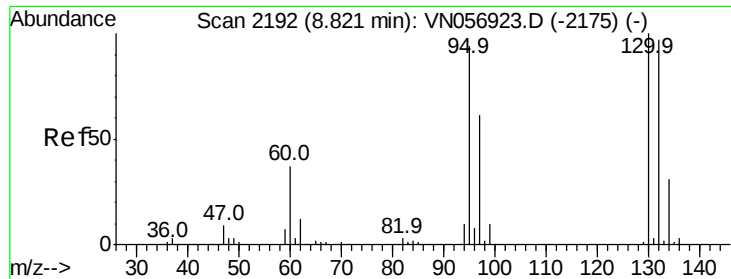
MMDadoda
 7/26/2019 12:38:36 PM



#43
 Isopropyl Acetate
 Concen: 0.960 ug/l
 RT: 8.15 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Tgt Ion: 43 Resp: 7891
 Ion Ratio Lower Upper
 43 100
 61 20.3 23.8 35.6#
 87 11.6 11.8 17.6#





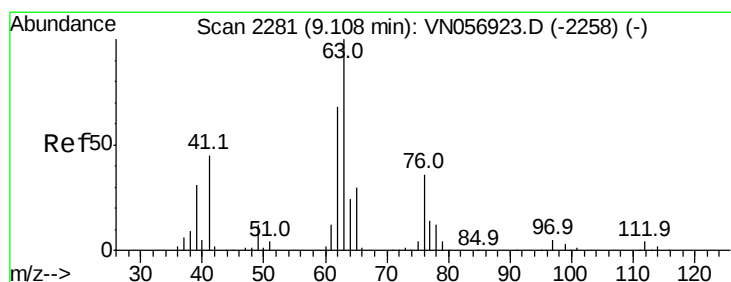
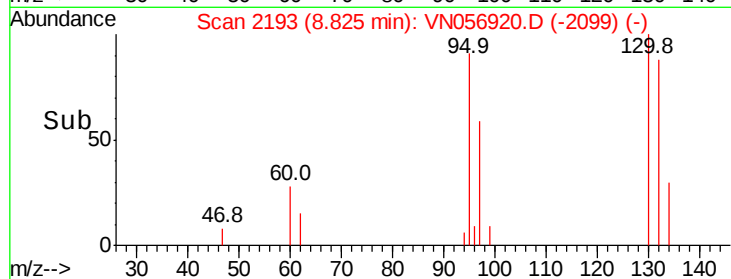
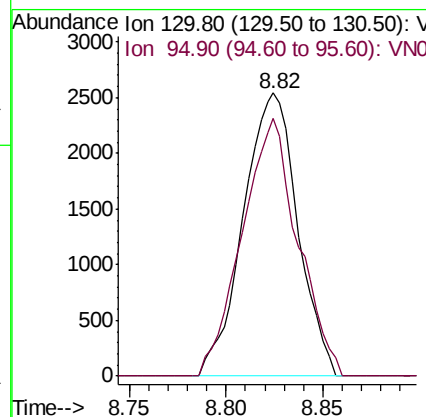
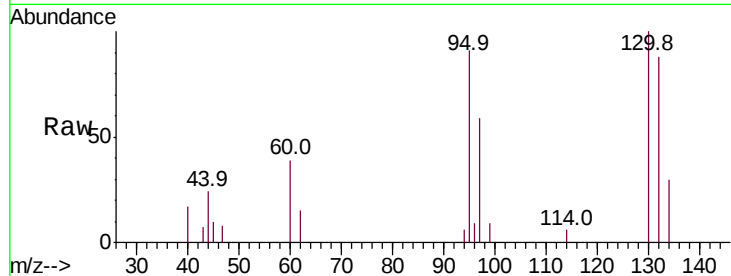
#44
 Trichloroethene
 Concen: 0.949 ug/l
 RT: 8.82 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 4976
 Ion Ratio Lower Upper
 130 100
 95 91.1 0.0 187.6

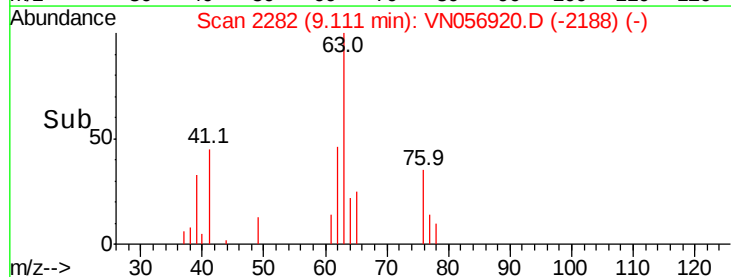
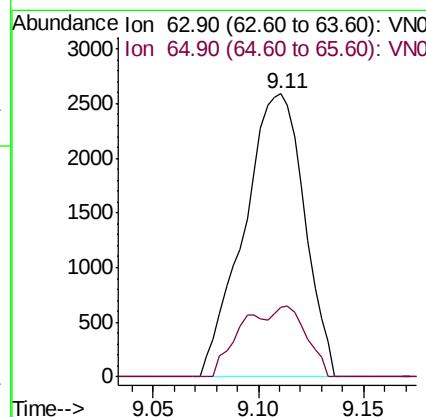
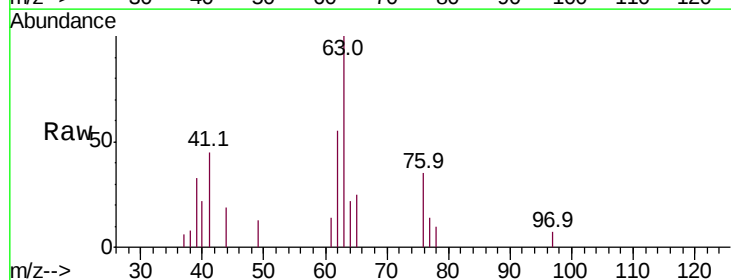
Manual Integrations
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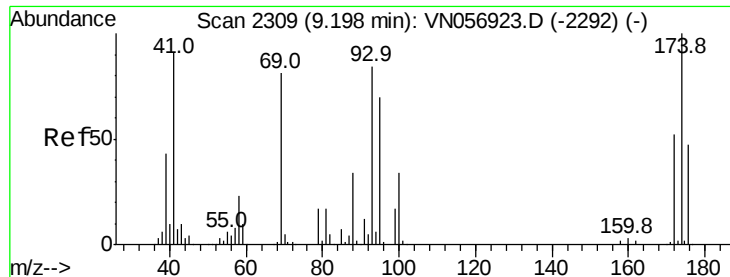
MMDadoda
 7/26/2019 12:38:36 PM



#45
 1,2-Dichloropropane
 Concen: 0.997 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Tgt Ion: 63 Resp: 5154
 Ion Ratio Lower Upper
 63 100
 65 24.7 24.5 36.7





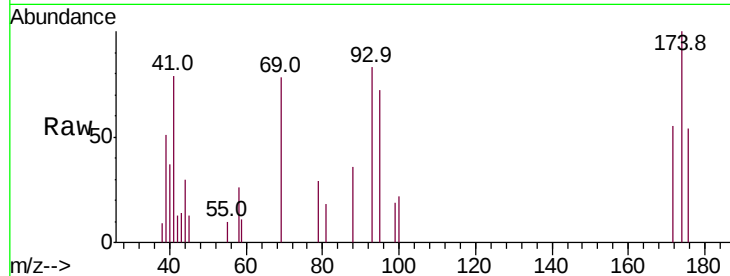
#46
Dibromomethane
Concen: 0.885 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

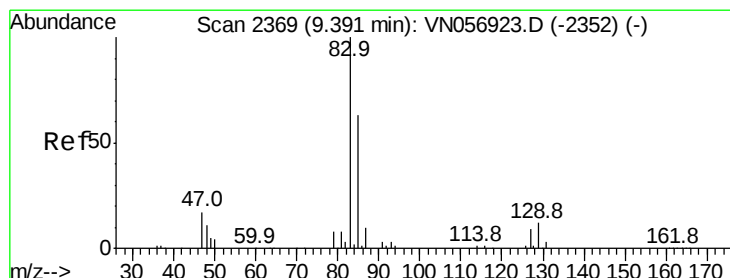
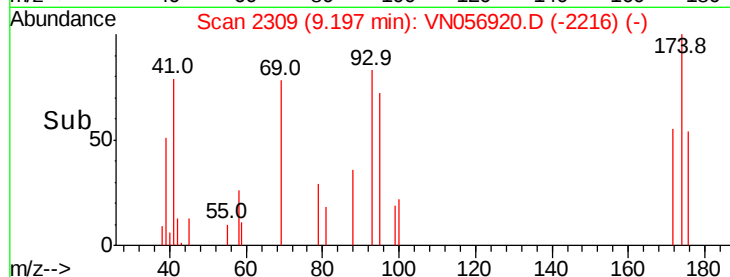
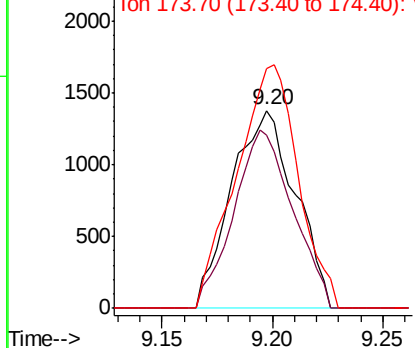
Tot Ion: 93 Resp: 2758
Ion Ratio Lower Upper
93 100
95 83.1 66.8 100.2
174 119.0 92.9 139.3

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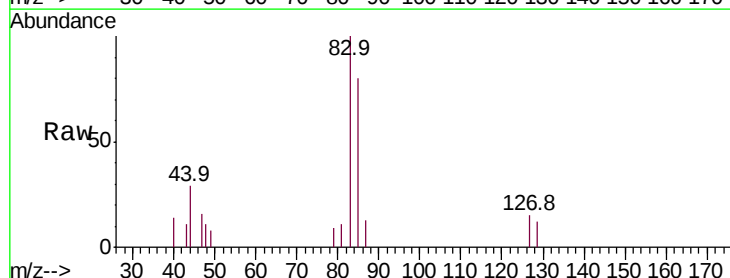


Abundance Ion 92.80 (92.50 to 93.50): VN0
Ion 94.80 (94.50 to 95.50): VN0
Ion 173.70 (173.40 to 174.40): V

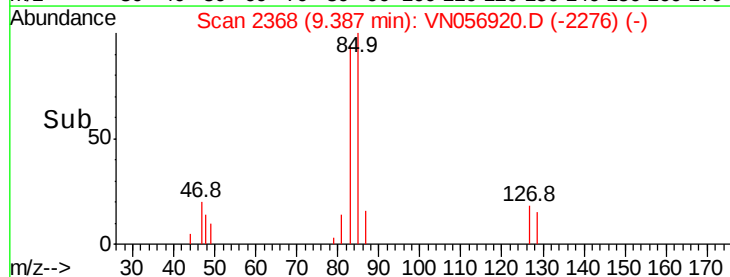
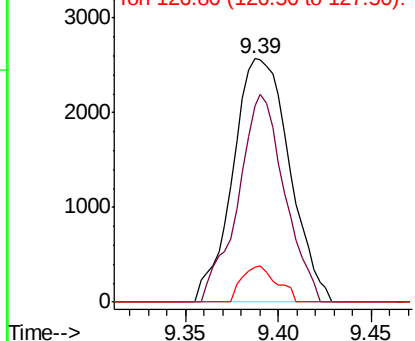


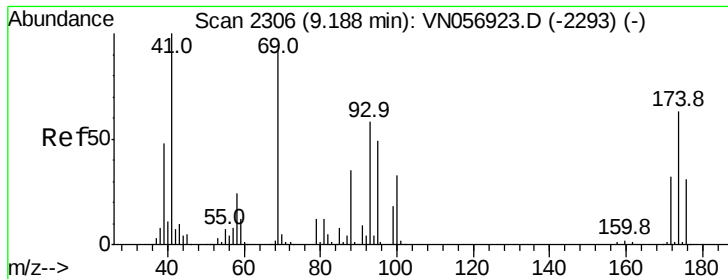
#47
Bromodichloromethane
Concen: 0.896 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Tgt Ion: 83 Resp: 5448
Ion Ratio Lower Upper
83 100
85 80.5 50.5 75.7#
127 14.5 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





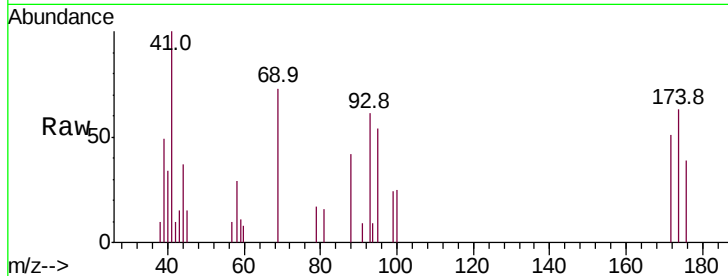
#48
Methvl methacrylate
Concen: 0.925 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

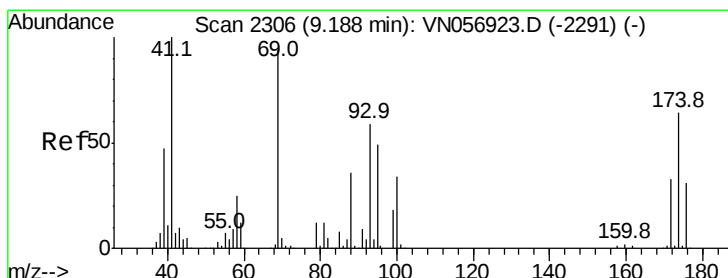
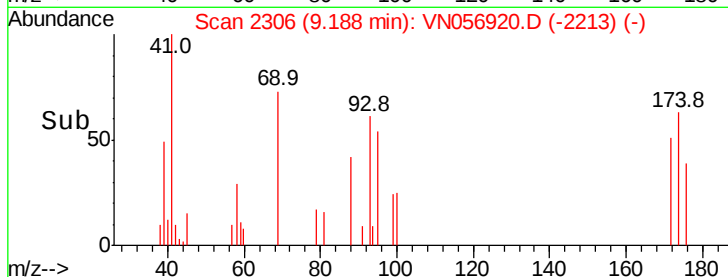
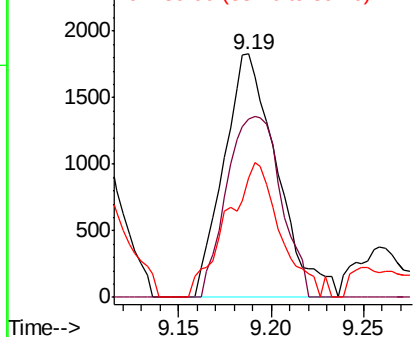
Tot Ion: 41 Resp: 3652
Ion Ratio Lower Upper
41 100
69 75.7 73.4 110.0
39 55.8 40.1 60.1

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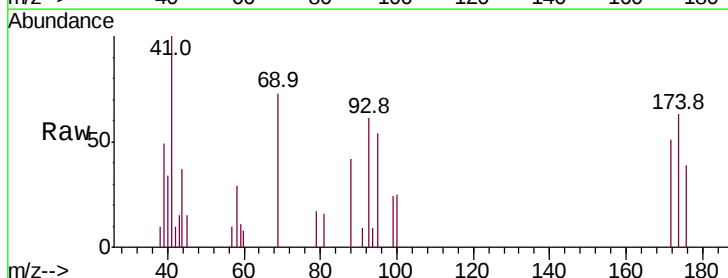


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 39.00 (38.70 to 39.70): VNC

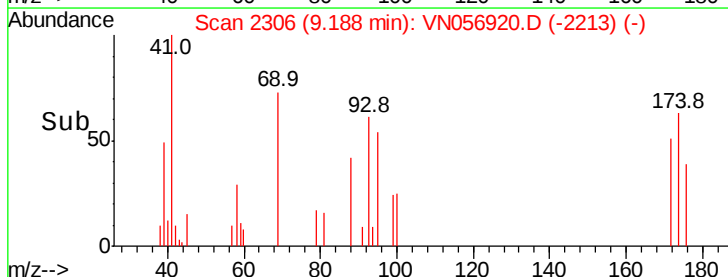
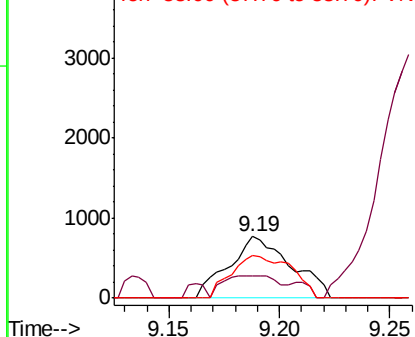


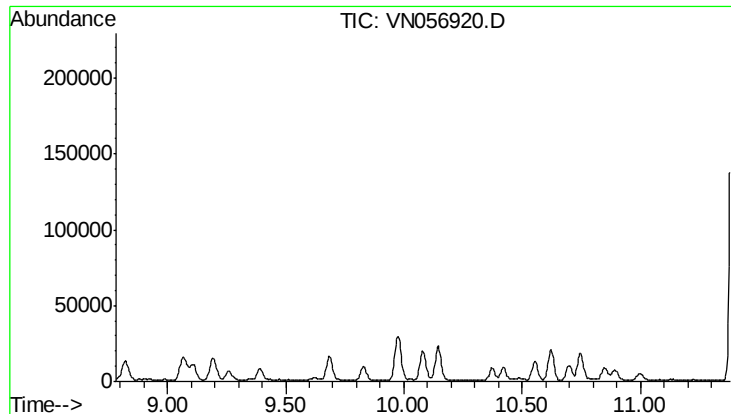
#49
1,4-Dioxane
Concen: 18.190 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Tgt Ion: 88 Resp: 1503
Ion Ratio Lower Upper
88 100
43 33.4 21.1 31.7#
58 66.8 52.5 78.7



Abundance Ion 88.00 (87.70 to 88.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 58.00 (57.70 to 58.70): VNC





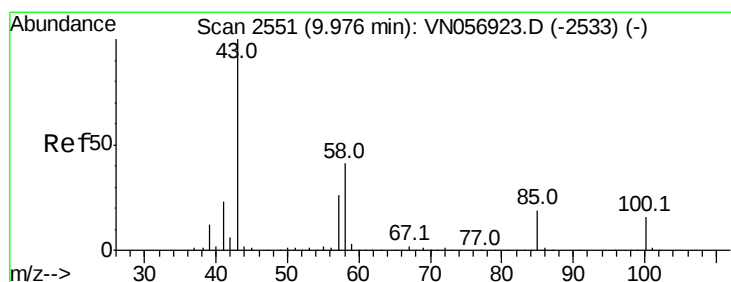
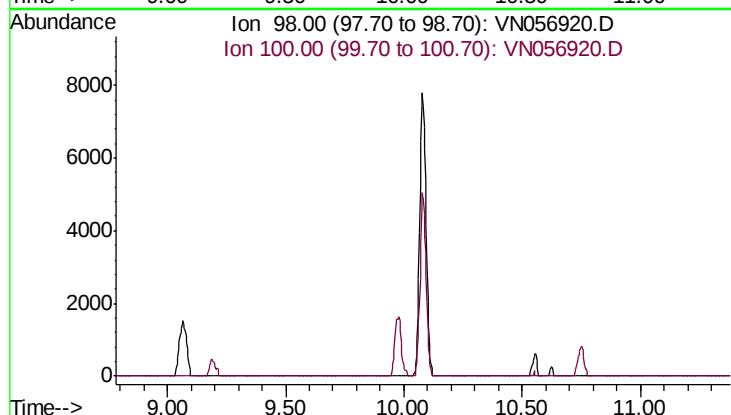
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.08 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.3

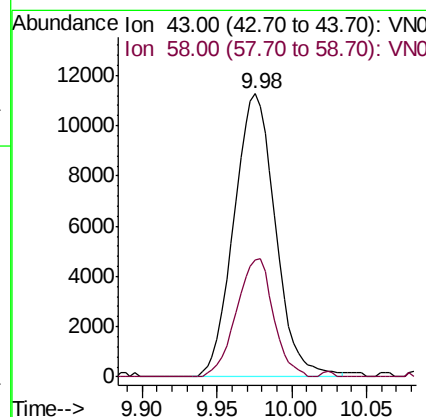
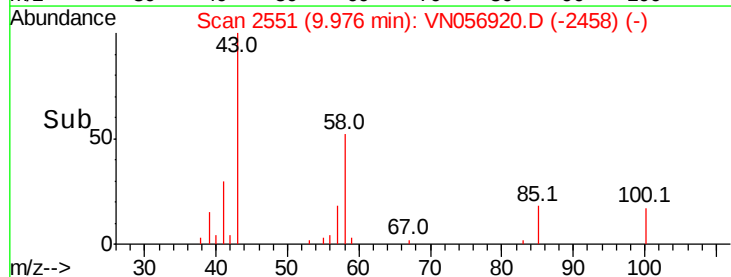
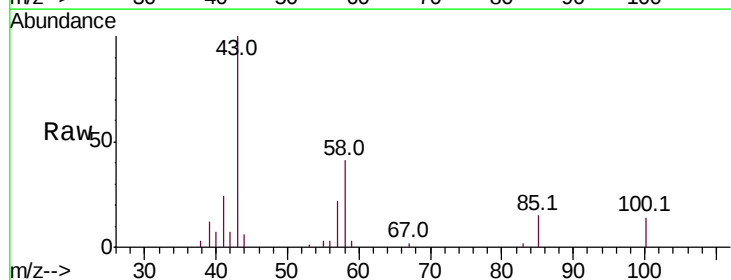
Manual Integrations
APPROVED

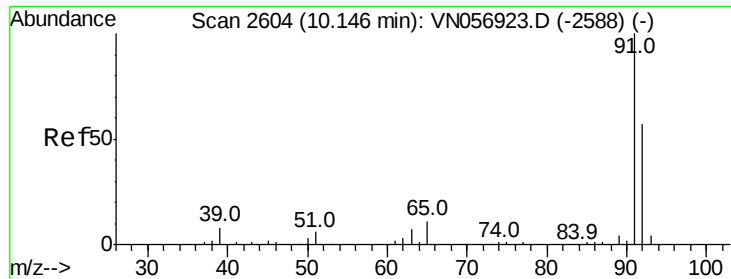
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.461 ug/l
RT: 9.98 min Scan# 2551
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Tgt Ion: 43 Resp: 21802
Ion Ratio Lower Upper
43 100
58 37.2 32.8 49.2





#52

Toluene

Concen: 0.863 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 9951

Ion Ratio Lower Upper

92 100

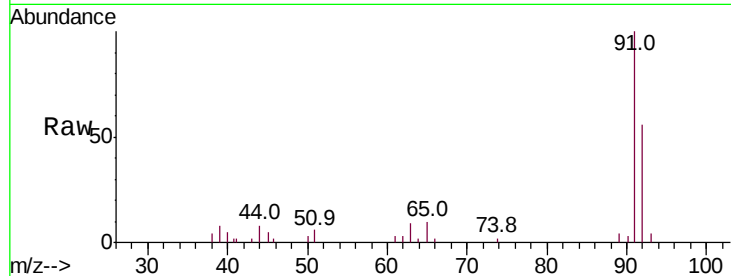
91 175.9 139.8 209.6

Manual Integrations

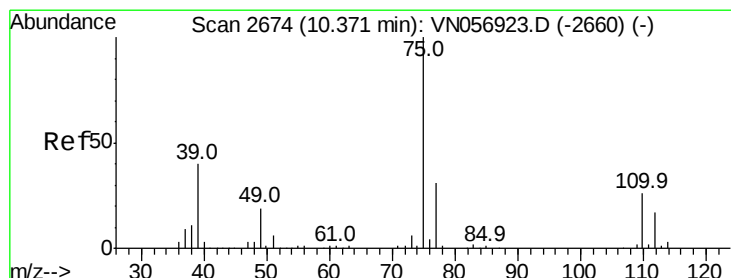
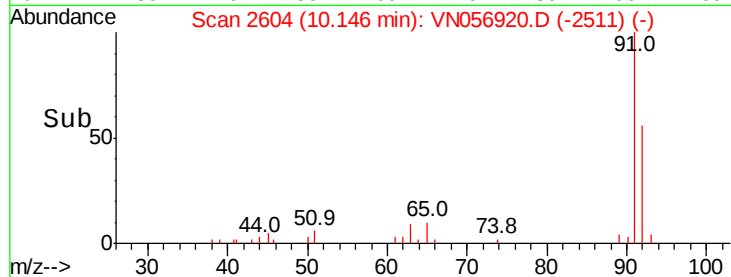
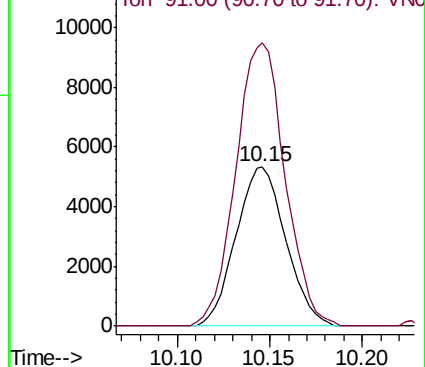
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Abundance Ion 92.00 (91.70 to 92.70): VN056920.D (-2588) (-)



#53

t-1,3-Dichloropropene

Concen: 0.756 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN056920.D

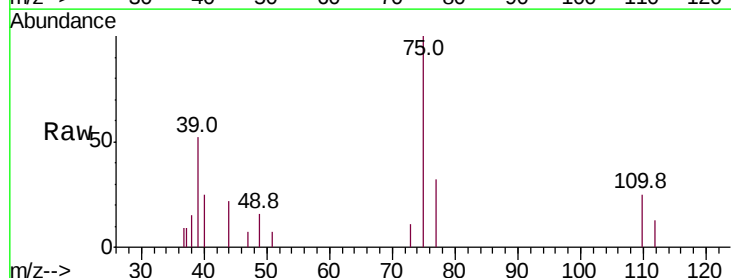
Acq: 25 Jul 2019 14:05

Tgt Ion: 75 Resp: 4636

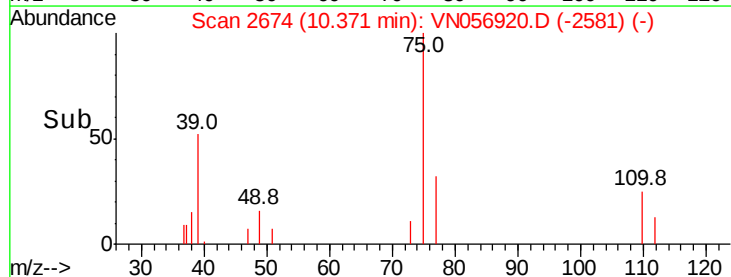
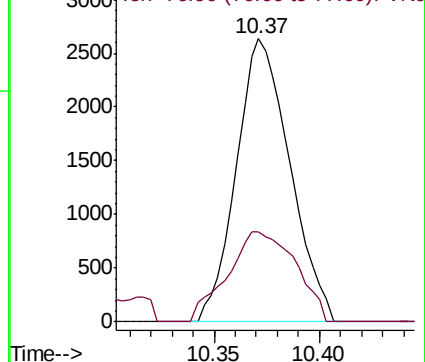
Ion Ratio Lower Upper

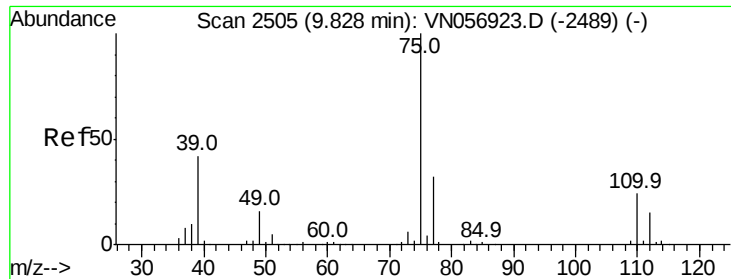
75 100

77 31.7 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN056920.D (-2660) (-)





#54

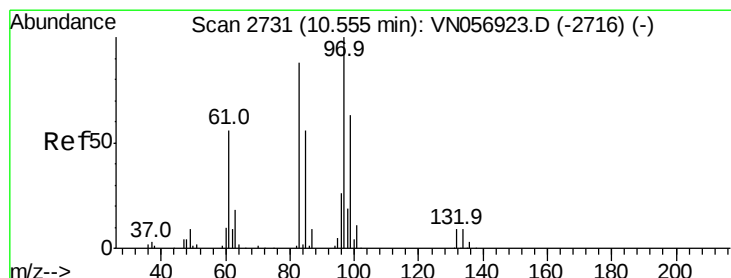
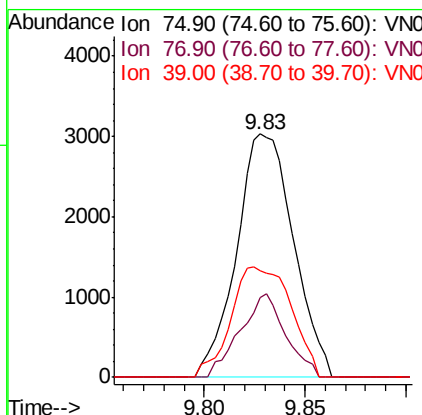
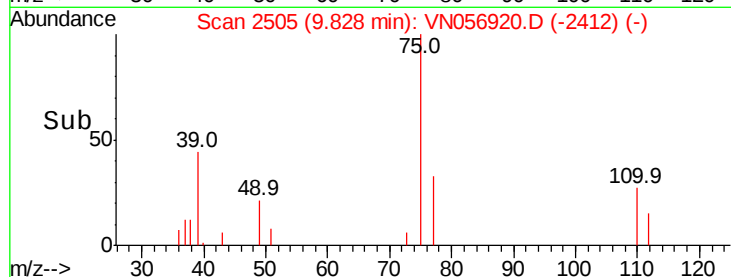
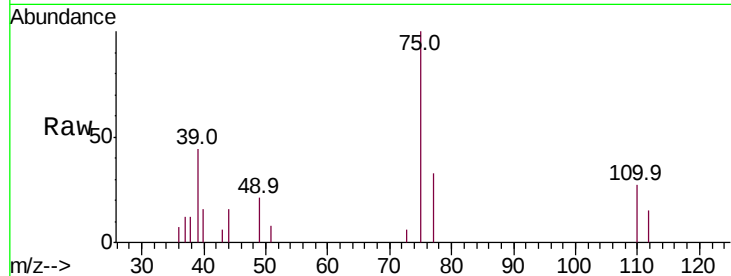
cis-1,3-Dichloropropene
Concen: 0.826 ug/l
RT: 9.83 min Scan# 2505
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.0
39	43.6	33.4	50.0

Manual Integrations
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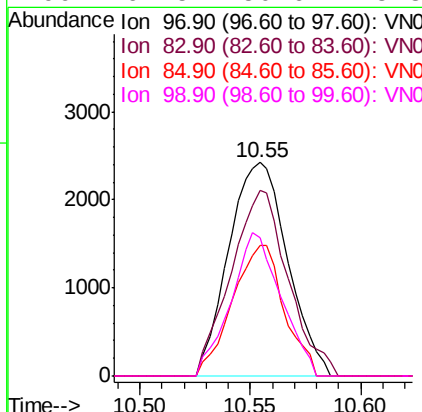
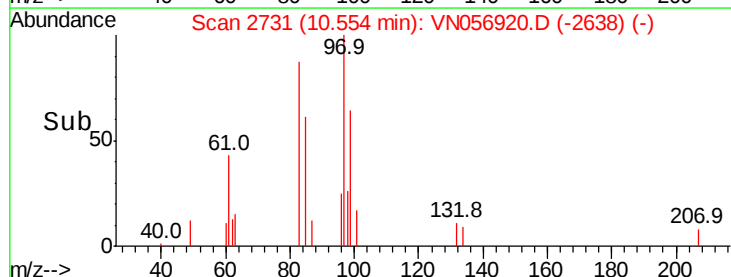
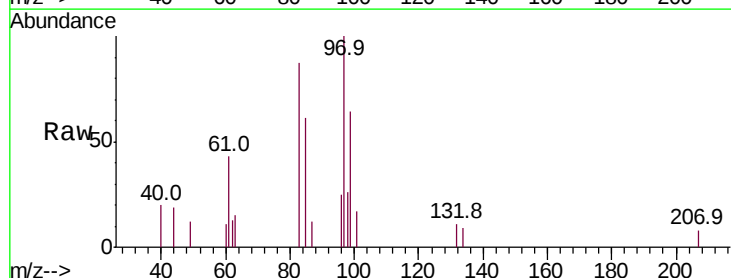
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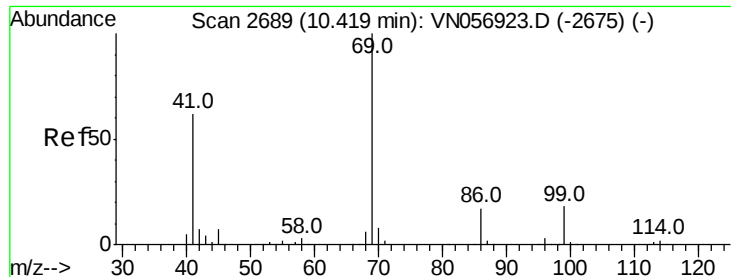


#55

1,1,2-Trichloroethane
Concen: 0.972 ug/l
RT: 10.55 min Scan# 2731
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.1	105.1
85	61.2	45.1	67.7
99	64.5	50.6	75.8





#56

Ethyl methacrylate

Concen: 0.778 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

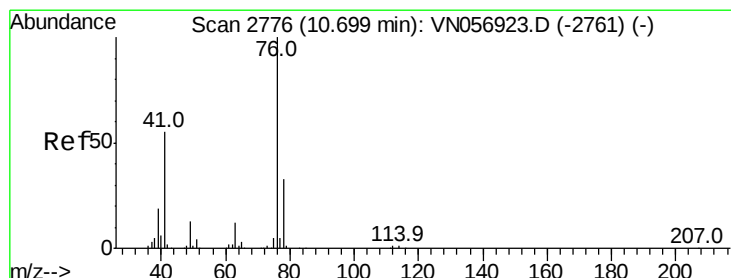
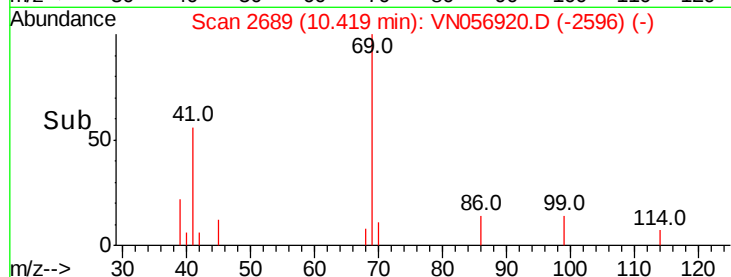
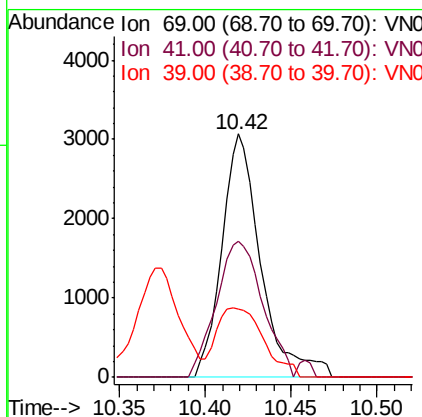
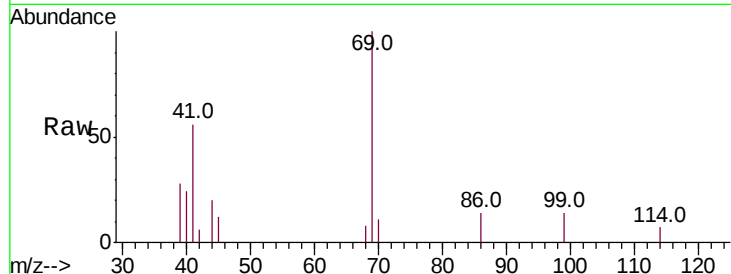
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	4836
Ion	Ratio	Lower	Upper
69	100		
41	66.5	49.7	74.5
39	35.5	23.6	35.4

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 0.880 ug/l

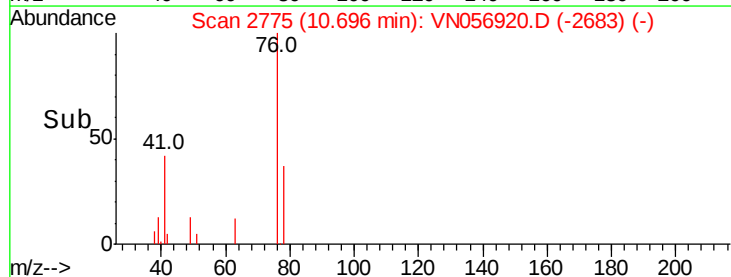
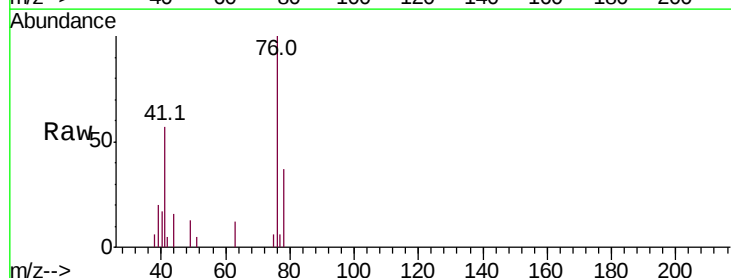
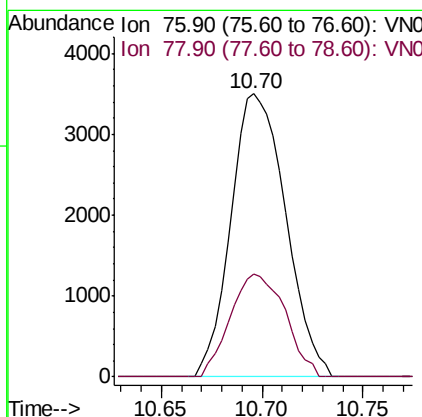
RT: 10.70 min Scan# 2775

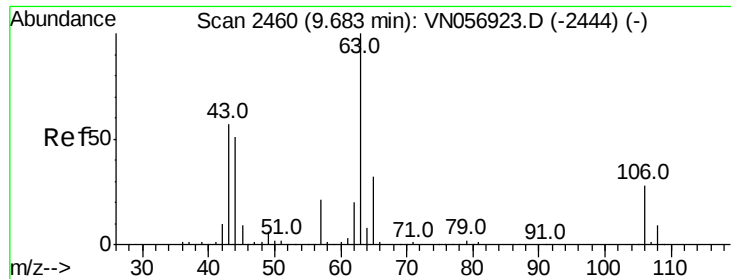
Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Tgt Ion:	76	Resp:	6658
Ion	Ratio	Lower	Upper
76	100		
78	36.3	25.8	38.8





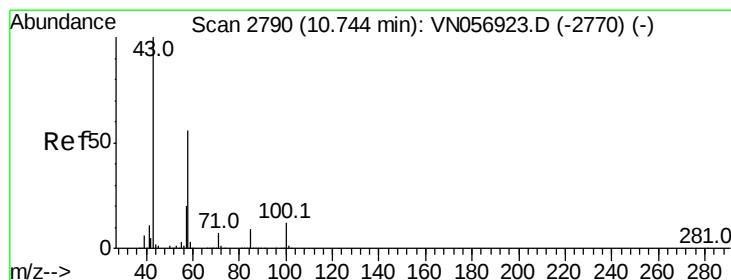
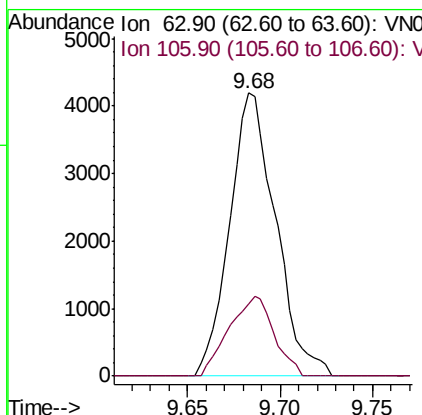
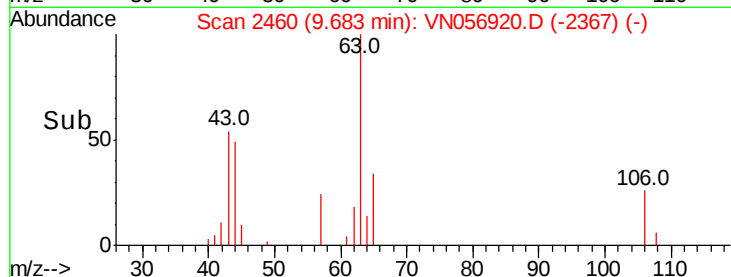
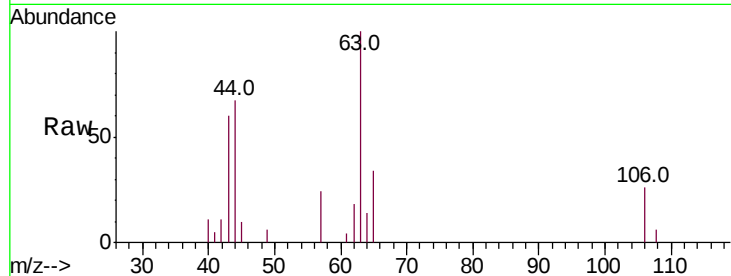
#58
2-Chloroethyl Vinyl ether
Concen: 2.962 ug/l
RT: 9.68 min Scan# 2460
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 7254
Ion Ratio Lower Upper
63 100
106 27.3 22.2 33.4

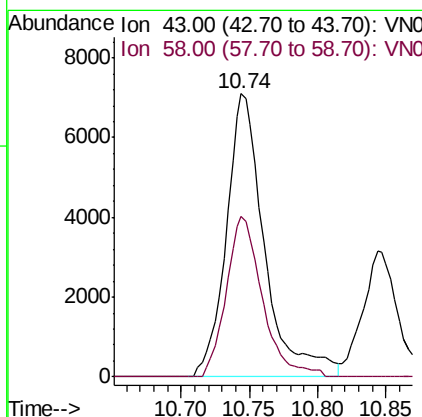
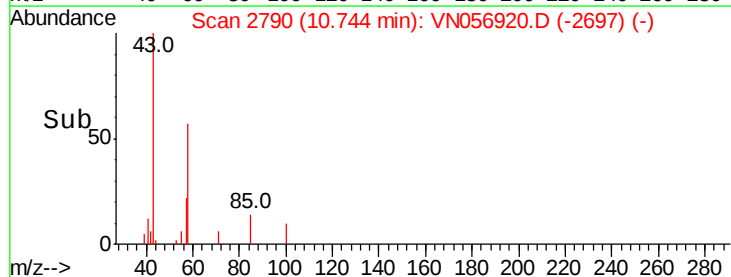
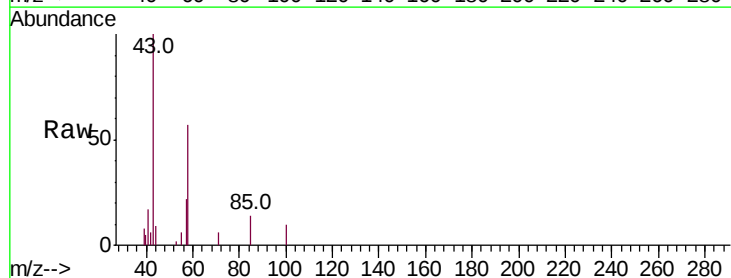
Manual Integrations
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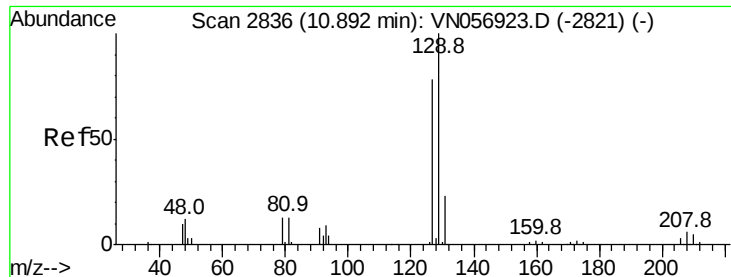
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#59
2-Hexanone
Concen: 4.129 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Tgt Ion: 43 Resp: 13836
Ion Ratio Lower Upper
43 100
58 53.4 28.2 84.6





#60

Dibromochloromethane

Concen: 0.882 ug/l

RT: 10.89 min Scan# 2836

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:129 Resp: 4143

Ion Ratio Lower Upper

129 100

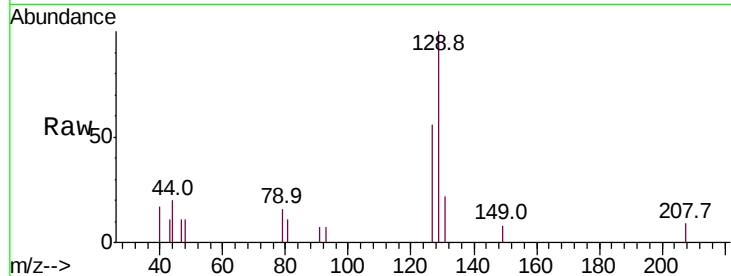
127 71.4 38.4 115.2

Manual Integrations

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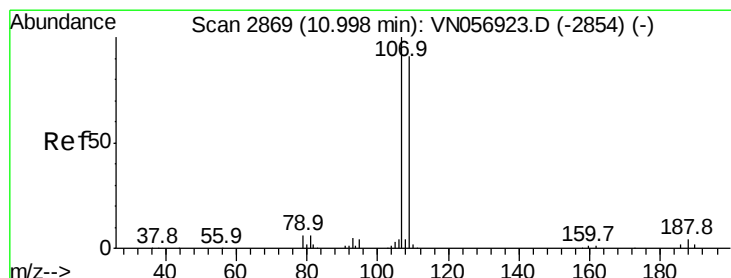
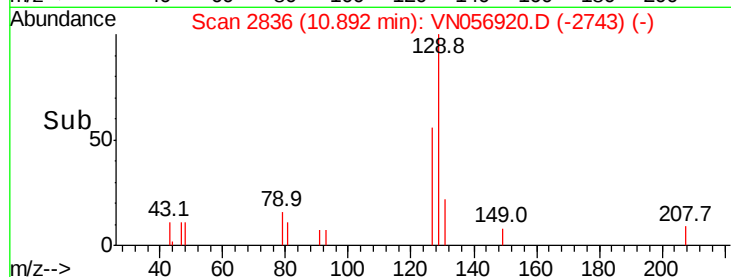
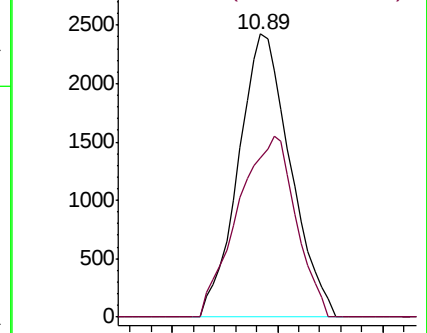
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.870 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN056920.D

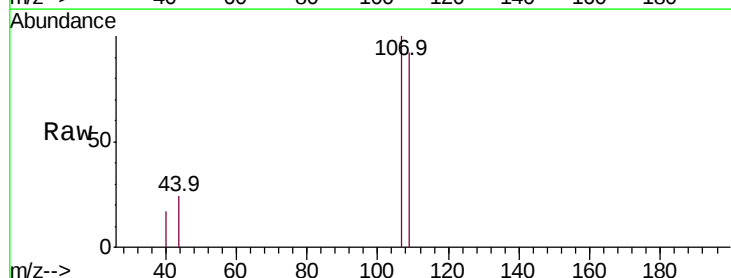
Acq: 25 Jul 2019 14:05

Tgt Ion:107 Resp: 3992

Ion Ratio Lower Upper

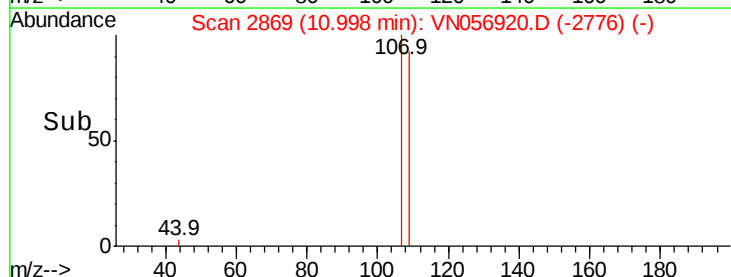
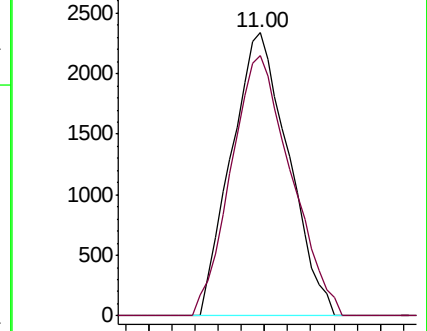
107 100

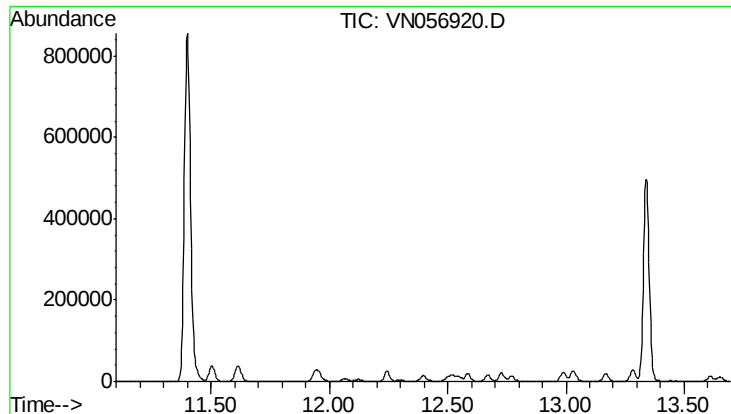
109 96.6 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Tot Ion: 95

Sig Exp Ratio

95 100

174 93.1

176 89.8

Instrument :

MSVOA_N

ClientSampleId :

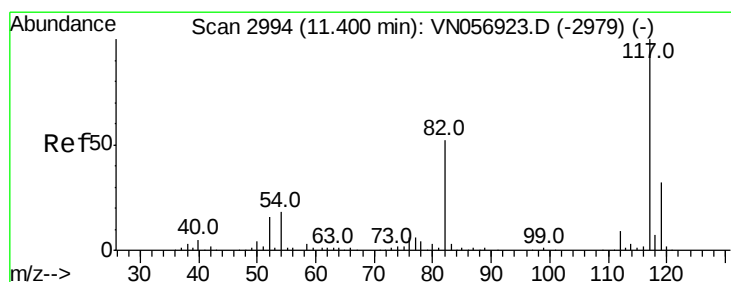
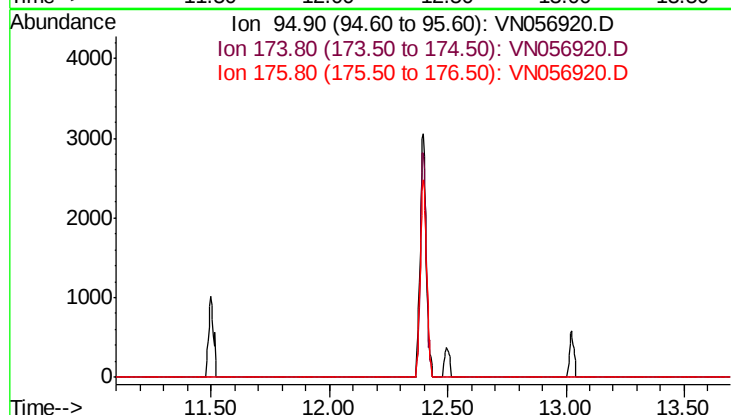
VSTDIC001

Manual Integrations

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

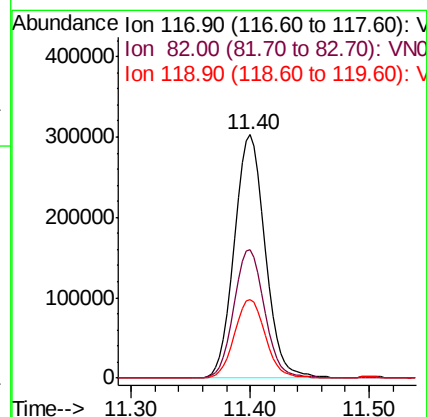
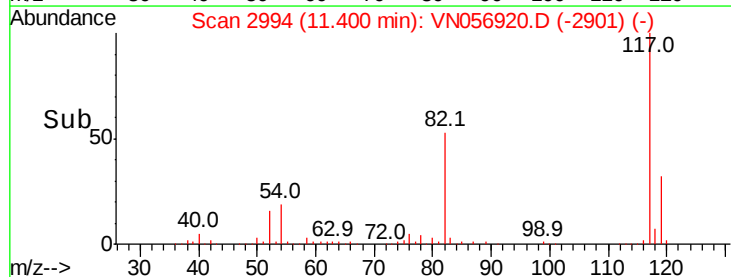
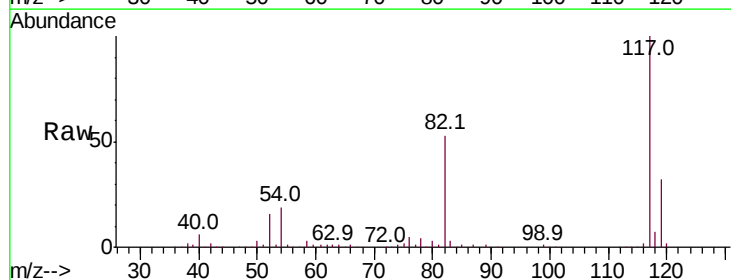
Tgt Ion:117 Resp: 546098

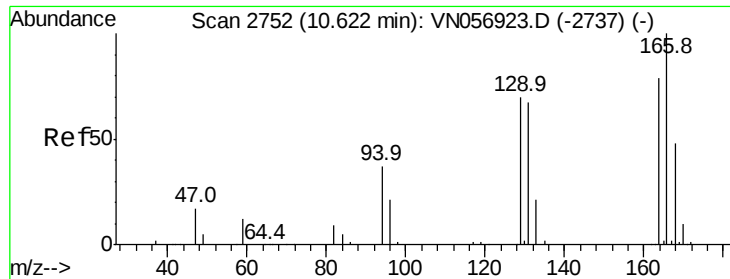
Ion Ratio Lower Upper

117 100

82 52.8 41.7 62.5

119 32.4 25.5 38.3





#64

Tetrachloroethene

Concen: 1.048 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 5229

Ion Ratio Lower Upper

164 100

166 117.5 101.6 152.4

129 74.0 70.9 106.3

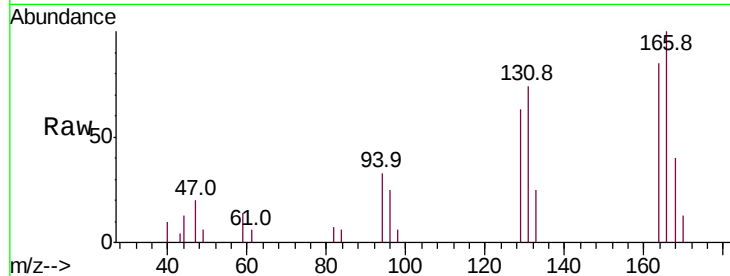
131 87.0 68.4 102.6

Manual Integrations

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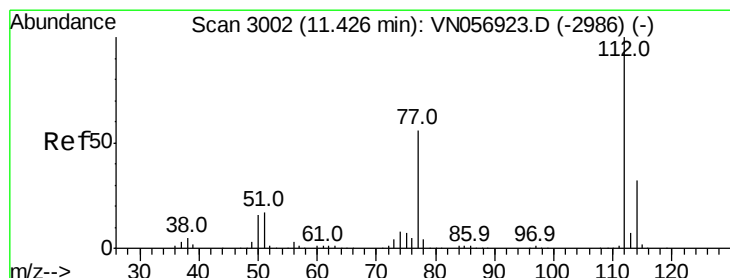
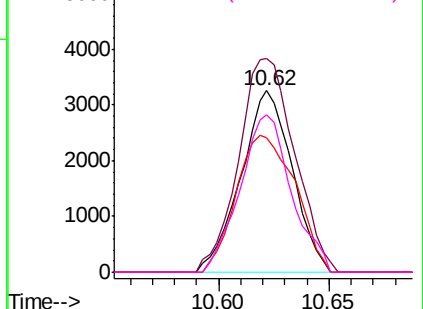
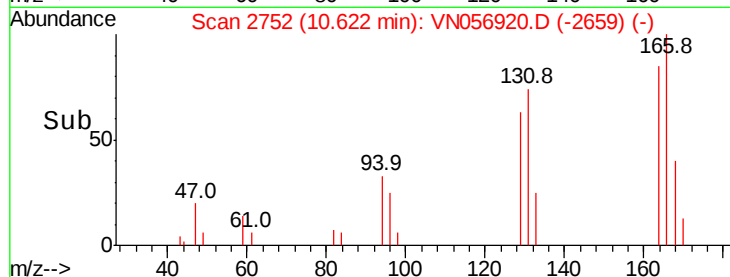


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.960 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN056920.D

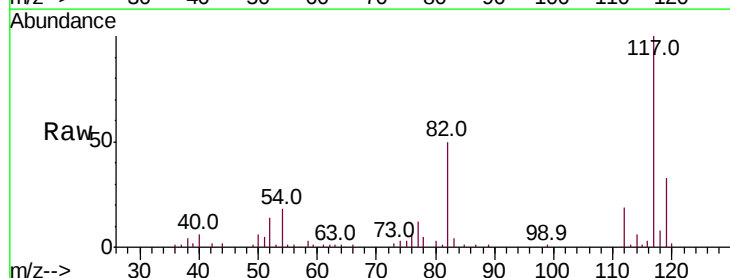
Acq: 25 Jul 2019 14:05

Tgt Ion:112 Resp: 10973

Ion Ratio Lower Upper

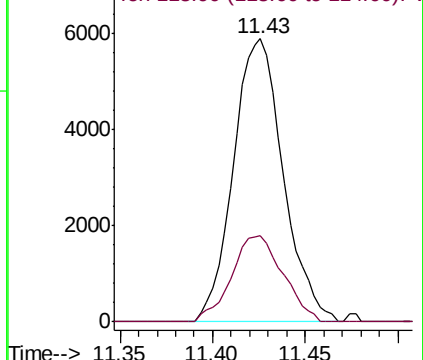
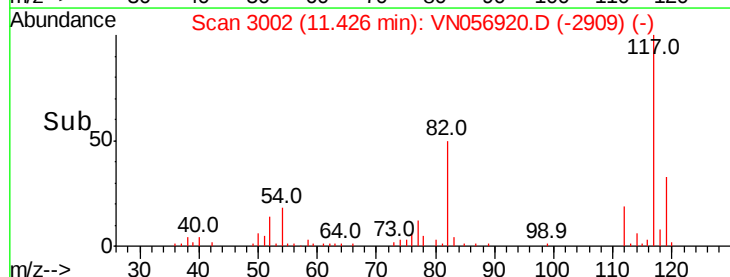
112 100

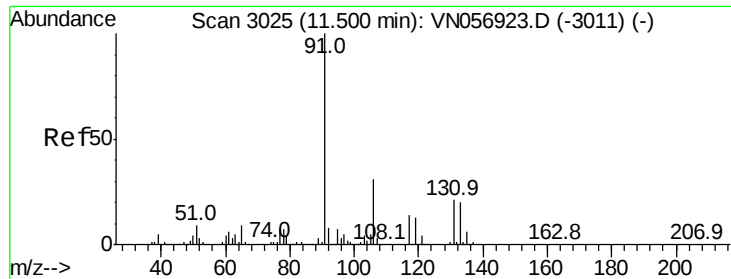
114 30.3 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





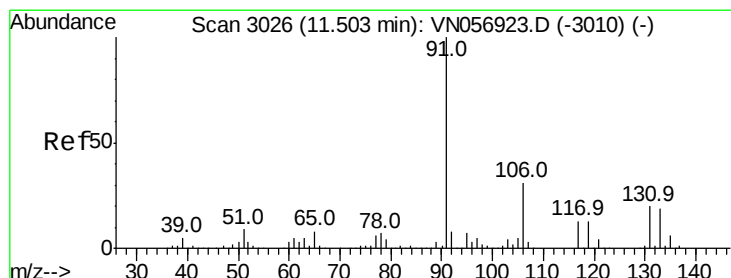
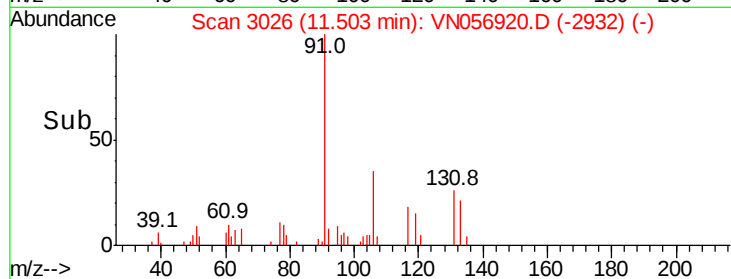
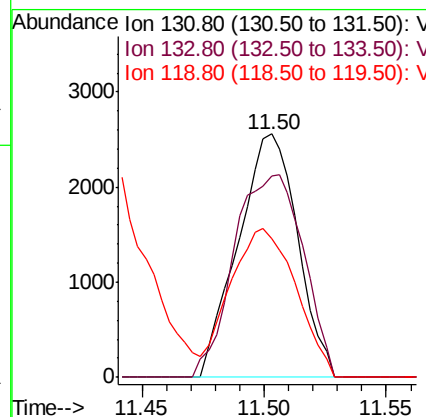
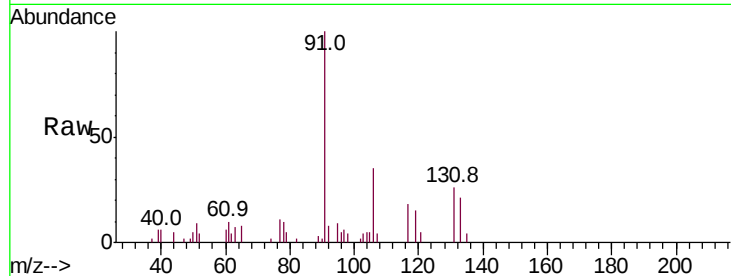
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.016 ug/l
 RT: 11.50 min Scan# 3026
 Delta R.T. 0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.3	47.1	141.4
119	0.0	32.6	98.0#

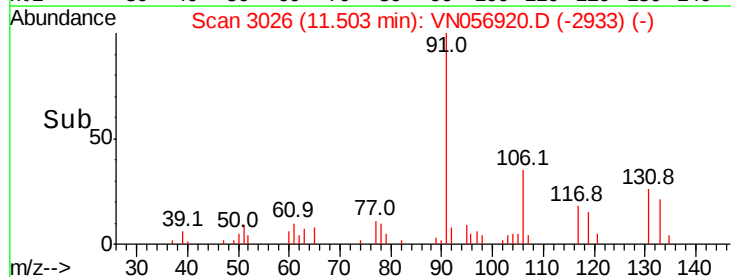
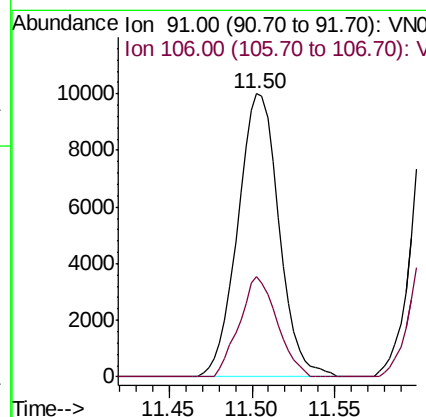
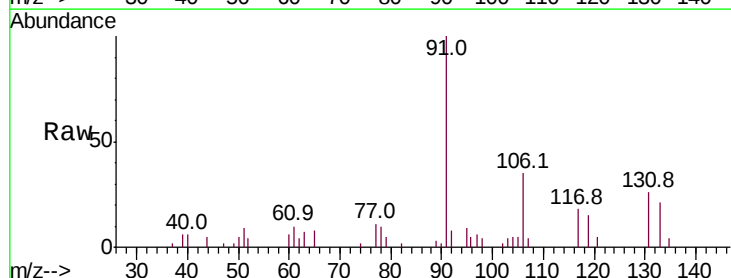
Manual Integrations
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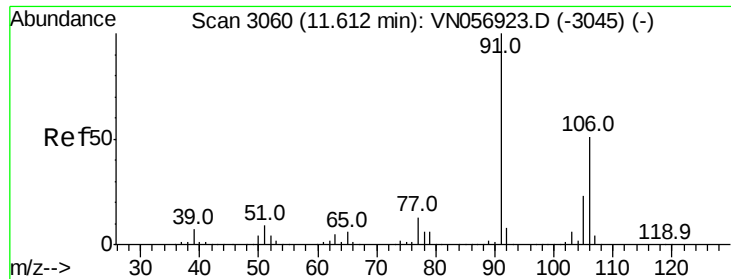
MMDadoda
 7/26/2019 12:38:36 PM



#67
 Ethyl Benzene
 Concen: 0.879 ug/l
 RT: 11.50 min Scan# 3026
 Delta R.T. -0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
91	100		
106	35.4	24.9	37.3





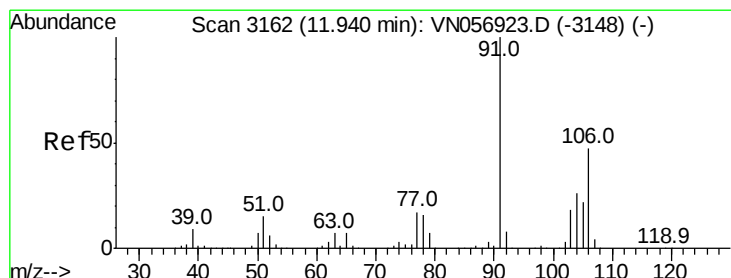
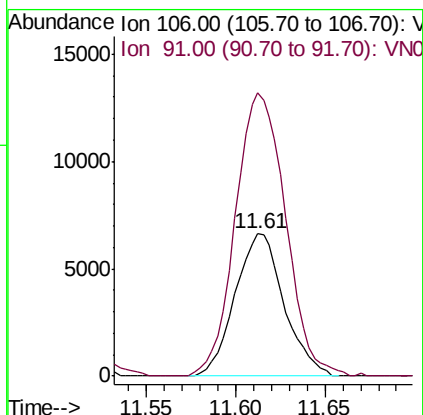
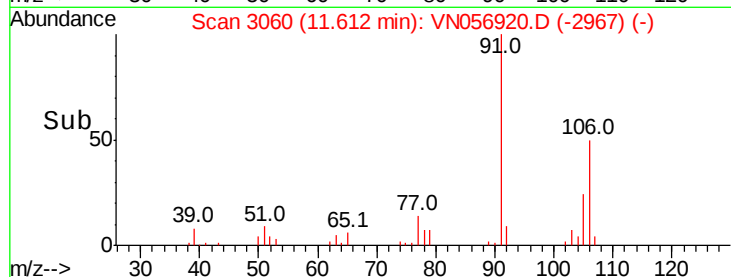
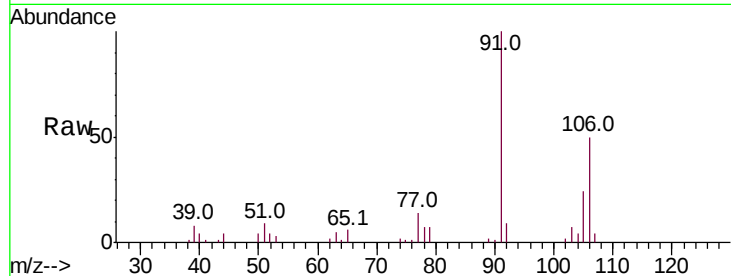
#68
m/p-Xvlenes
Concen: 1.732 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 12705
Ion Ratio Lower Upper
106 100
91 203.8 159.6 239.4

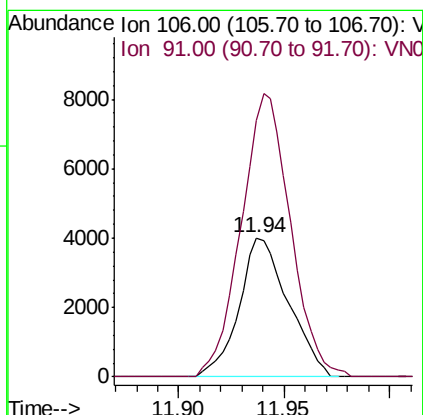
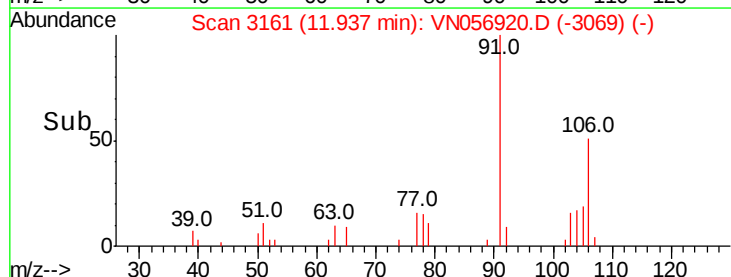
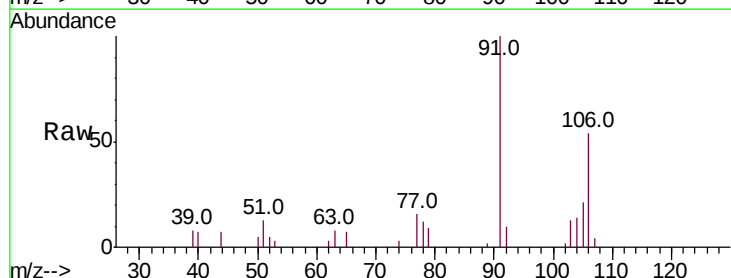
Manual Integrations
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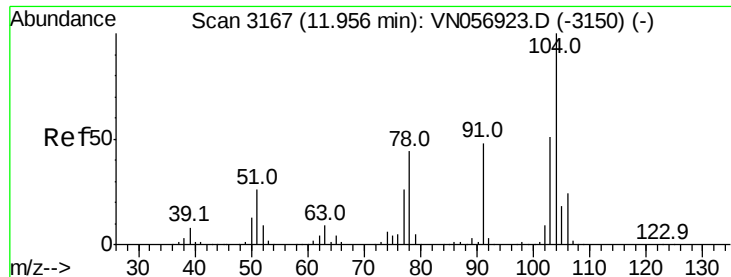
MMDadoda
7/26/2019 12:38:36 PM



#69
o-Xylene
Concen: 0.908 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Tgt Ion:106 Resp: 6515
Ion Ratio Lower Upper
106 100
91 203.2 105.7 317.0





#70

Stvrene

Concen: 0.750 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

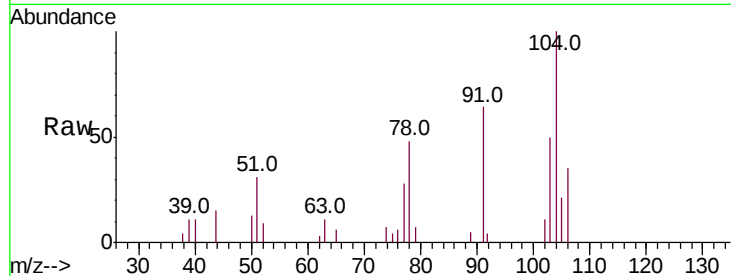
ClientSampleId :

VSTDIC001

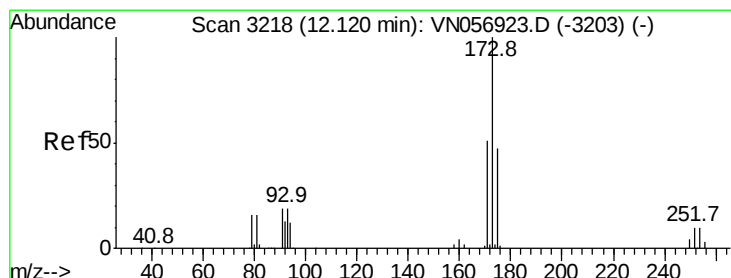
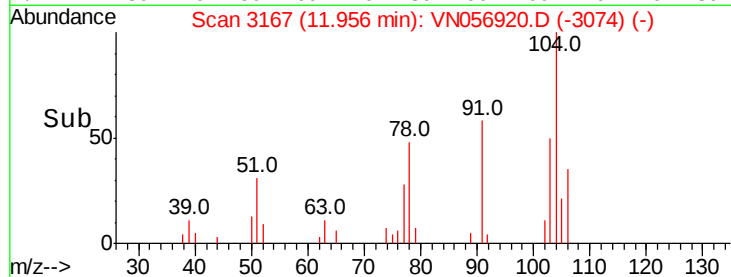
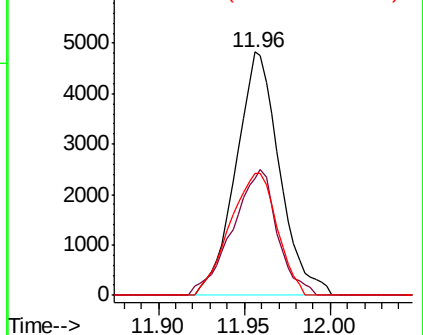
Tot Ion:	104	Resp:	8524
Ion Ratio	Lower	Upper	
104	100		
78	52.9	38.5	57.7
103	54.0	44.1	66.1

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Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 0.877 ug/l

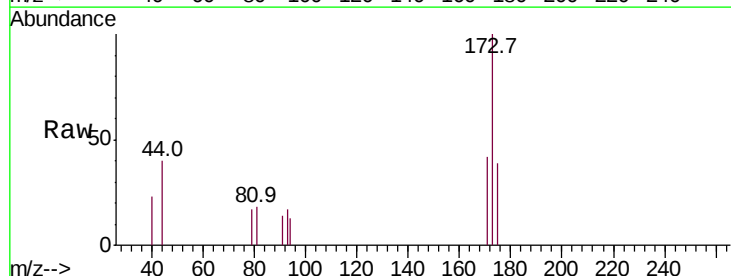
RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

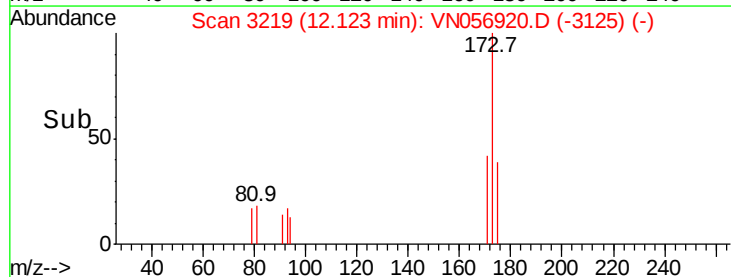
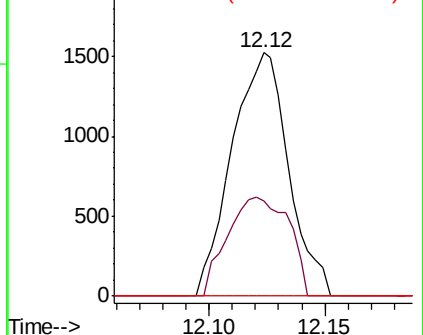
Lab File: VN056920.D

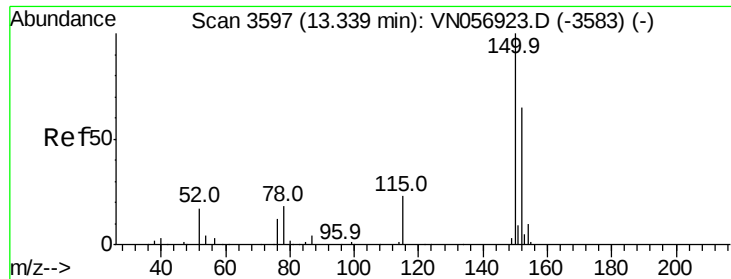
Acq: 25 Jul 2019 14:05

Tgt Ion:	173	Resp:	2587
Ion Ratio	Lower	Upper	
173	100		
175	43.9	24.2	72.6
254	0.0	0.1	0.1#



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 148176

Ion Ratio Lower Upper

152 100

115 55.5 27.9 83.7

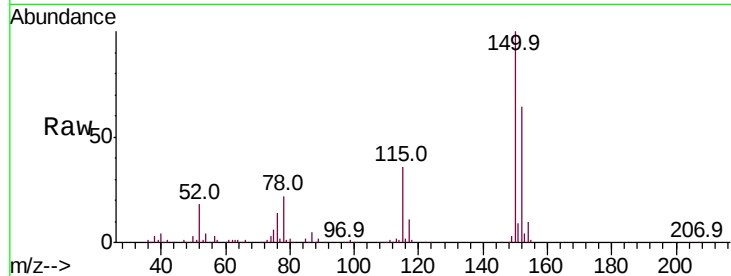
150 157.3 0.0 354.2

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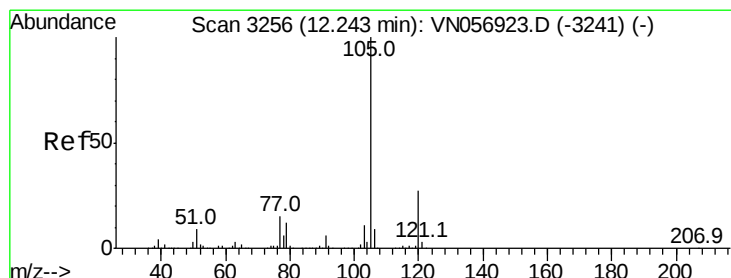
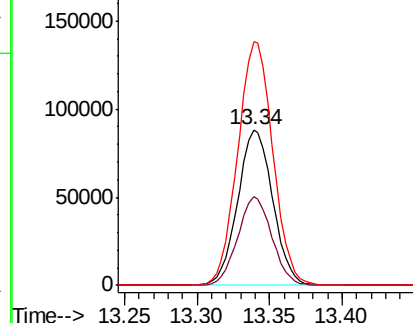
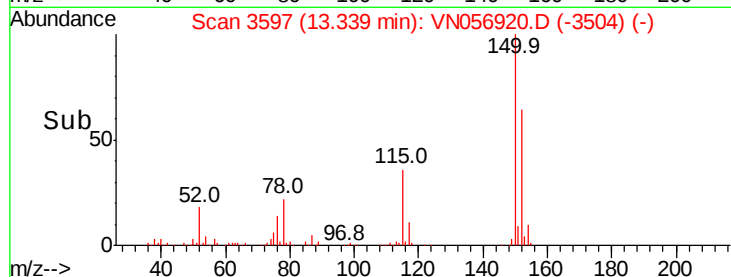
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 1.185 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN056920.D

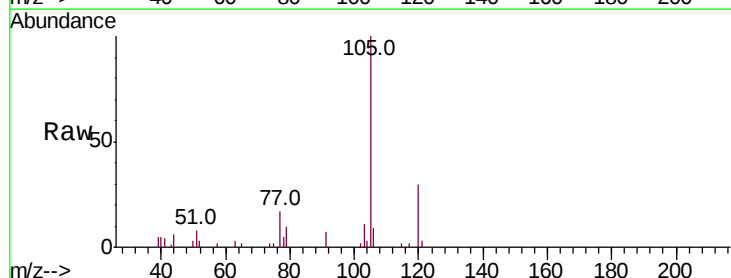
Acq: 25 Jul 2019 14:05

Tgt Ion:105 Resp: 15977

Ion Ratio Lower Upper

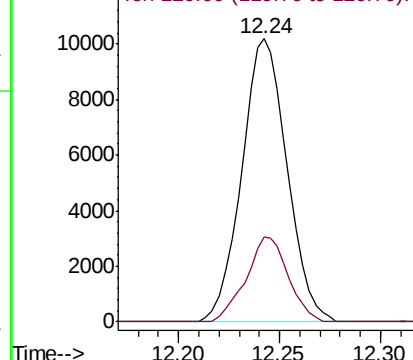
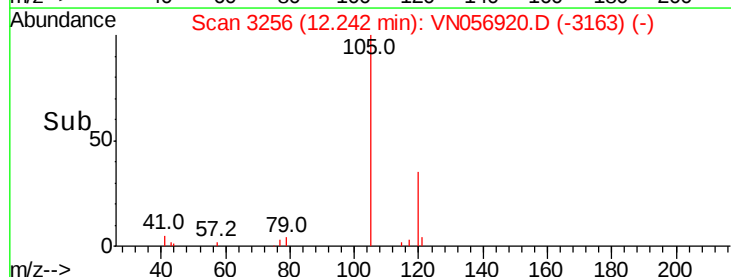
105 100

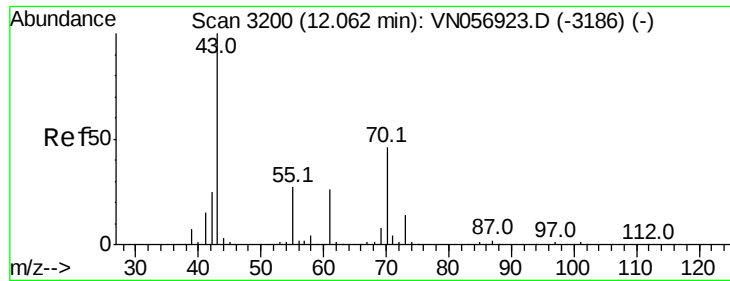
120 28.1 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.087 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 4305

Ion Ratio Lower Upper

43 100

70 38.2 35.9 53.9

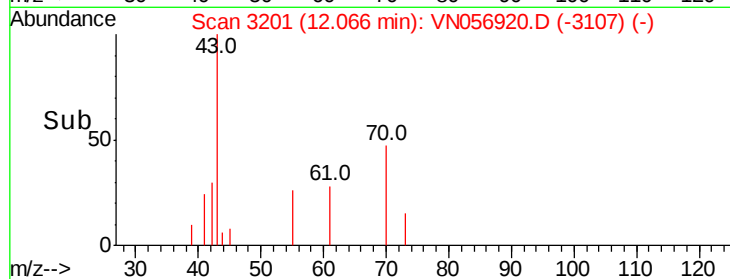
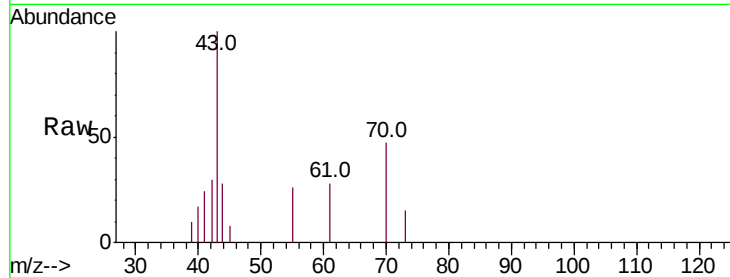
55 22.7 21.4 32.2

61 19.8 20.3 30.5#

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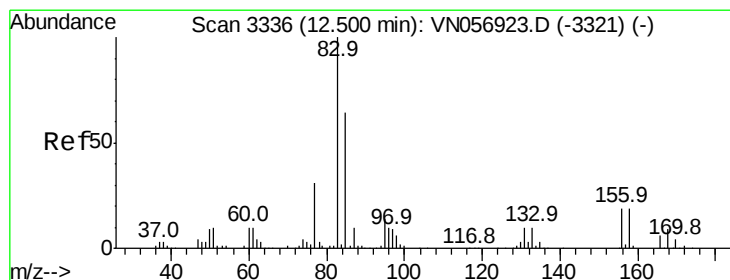
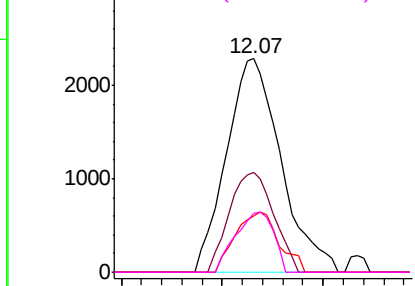


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.354 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

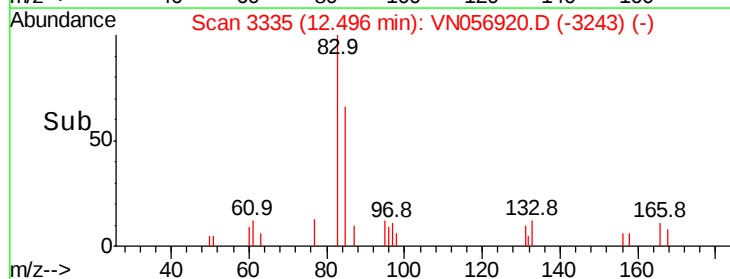
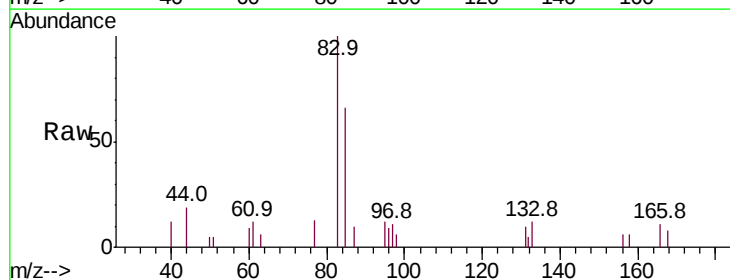
Tgt Ion: 83 Resp: 5262

Ion Ratio Lower Upper

83 100

131 7.3 5.3 15.8

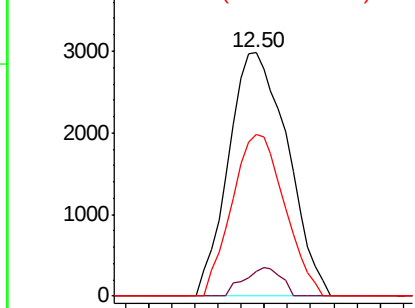
85 59.4 32.3 96.9

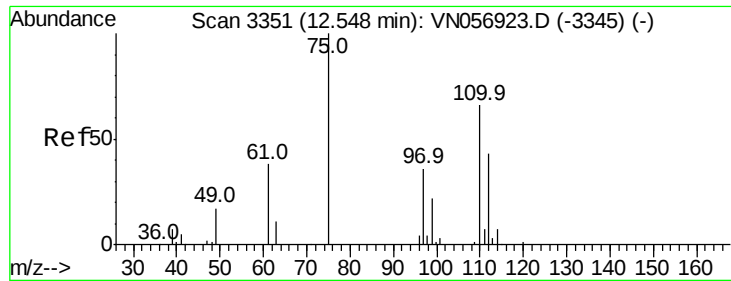


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





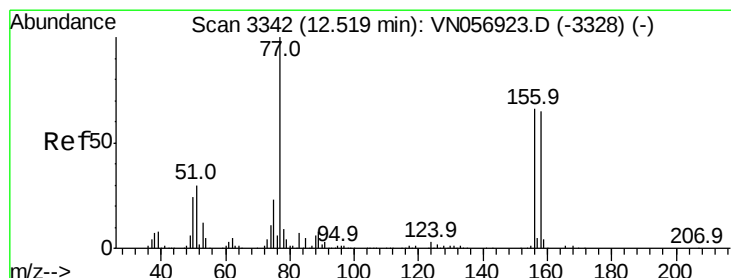
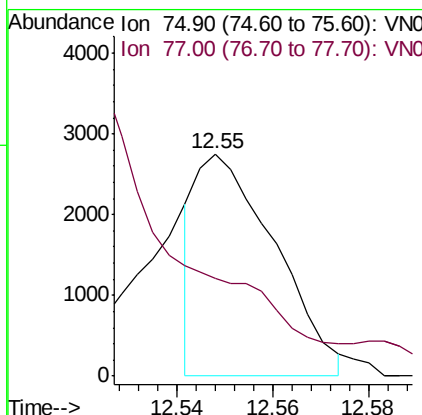
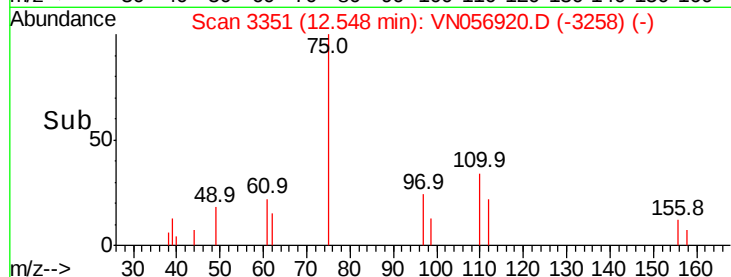
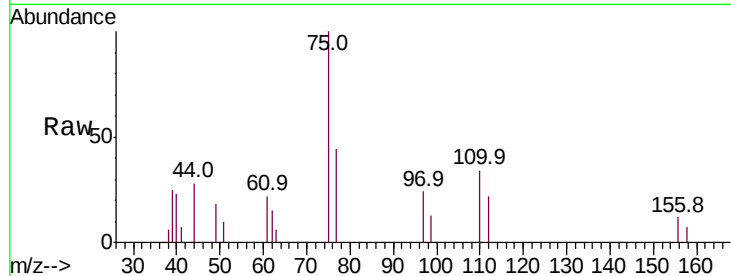
#76
 1,2,3-Trichloropropane
 Concen: 1.028 ug/l m
 RT: 12.55 min Scan# 3351
 Delta R.T. -0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 75 Resp: 3154
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

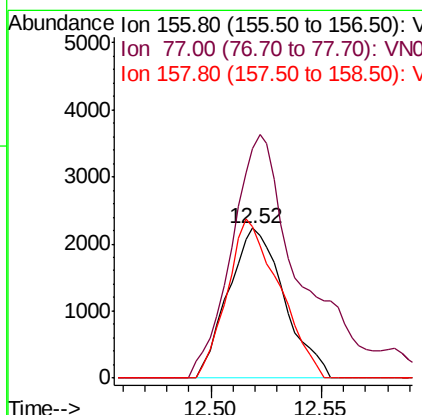
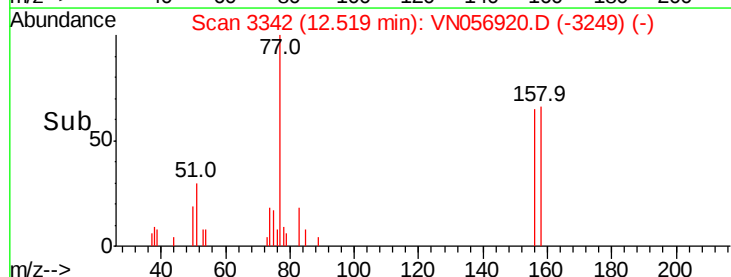
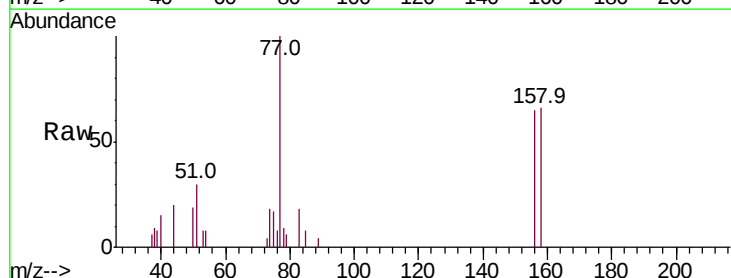
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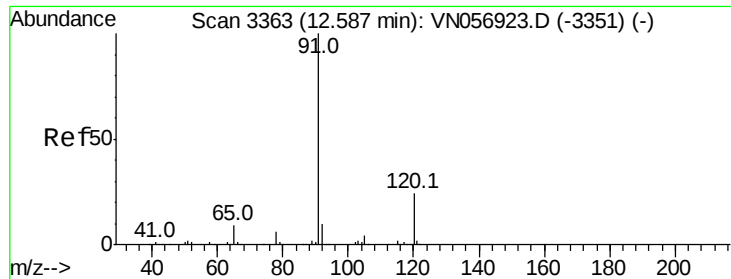
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#77
 Bromobenzene
 Concen: 1.140 ug/l
 RT: 12.52 min Scan# 3342
 Delta R.T. -0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Tgt Ion: 156 Resp: 3930
 Ion Ratio Lower Upper
 156 100
 77 197.1 90.8 272.3
 158 99.2 49.5 148.5





#78

n-propylbenzene

Concen: 1.089 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 15506

Ion Ratio Lower Upper

91 100

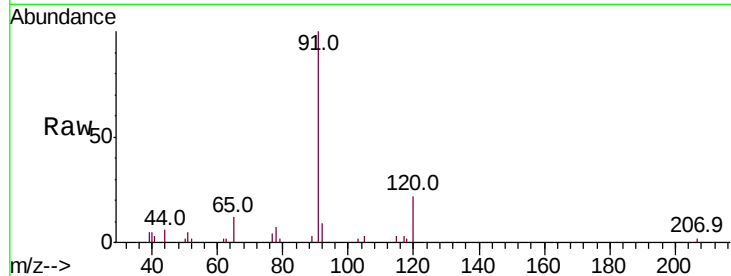
120 22.2 11.9 35.7

Manual Integrations

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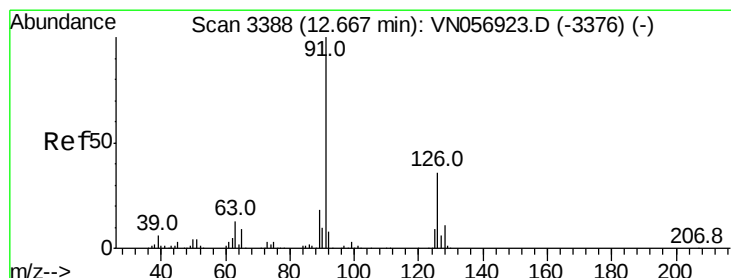
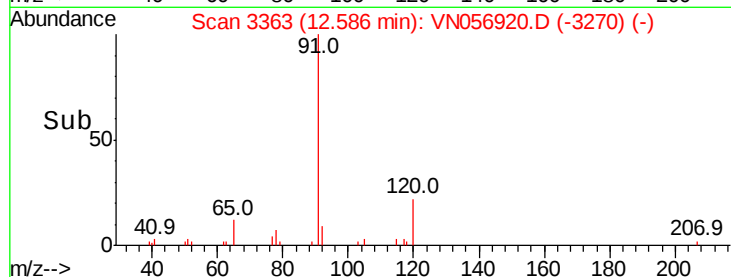


Abundance Ion 91.00 (90.70 to 91.70): VN056920.D (-3351) (-)

Ion 120.00 (119.70 to 120.70): VN056920.D (-3351) (-)

12.59

Time-->



#79

2-Chlorotoluene

Concen: 1.191 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN056920.D

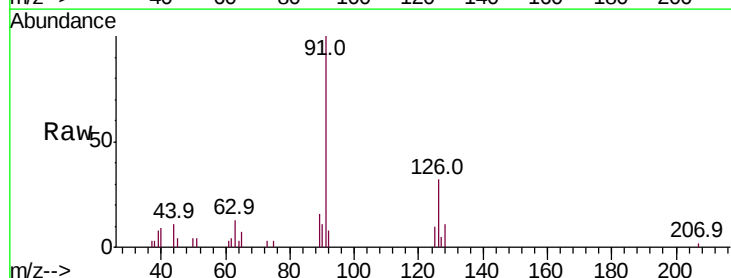
Acq: 25 Jul 2019 14:05

Tgt Ion: 91 Resp: 10560

Ion Ratio Lower Upper

91 100

126 33.1 17.9 53.7

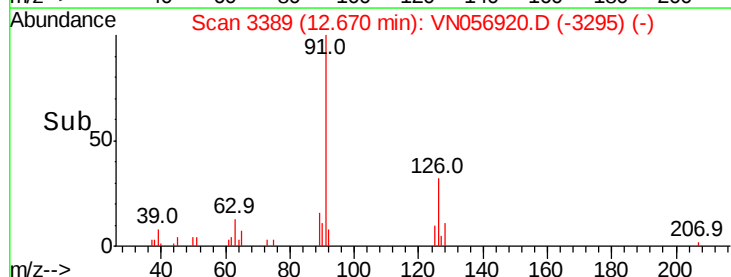


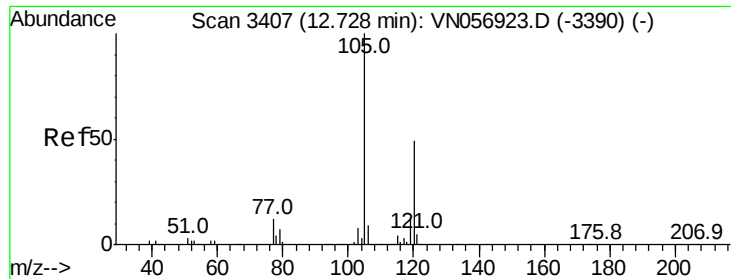
Abundance Ion 91.00 (90.70 to 91.70): VN056920.D (-3376) (-)

Ion 126.00 (125.60 to 126.60): VN056920.D (-3376) (-)

12.67

Time-->





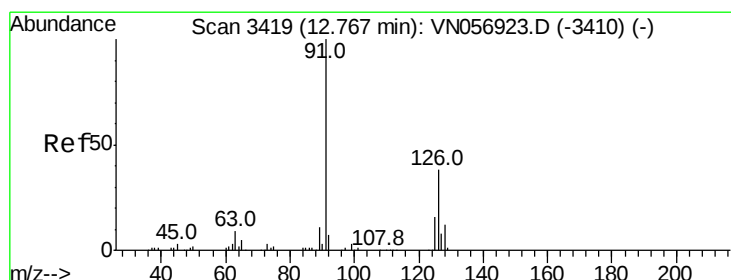
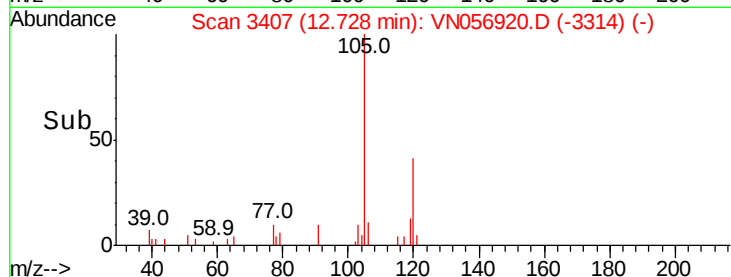
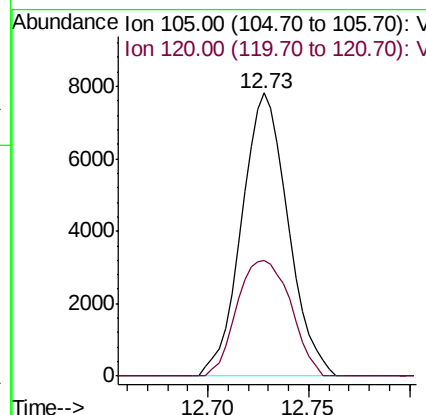
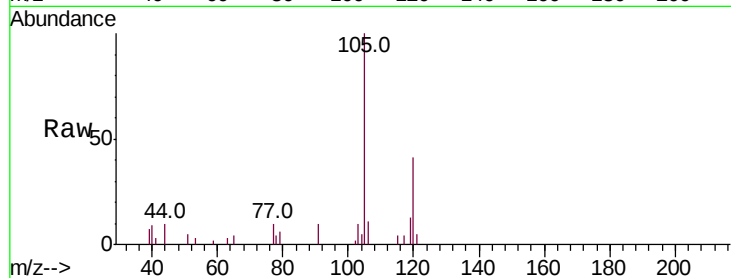
#80
 1,3,5-Trimethylbenzene
 Concen: 1.133 ug/l
 RT: 12.73 min Scan# 3407
 Delta R.T. -0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	47.1	24.9	74.7

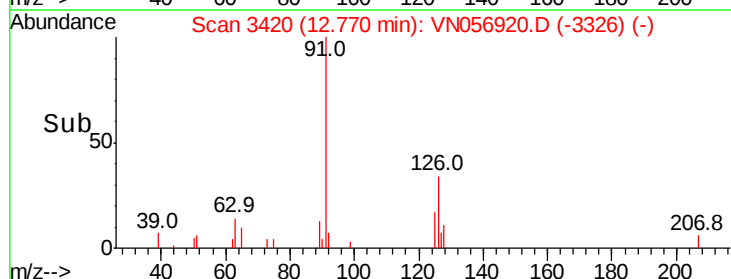
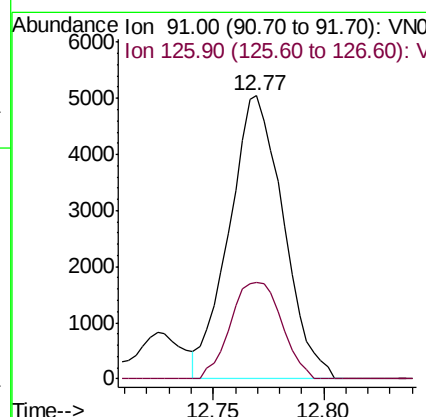
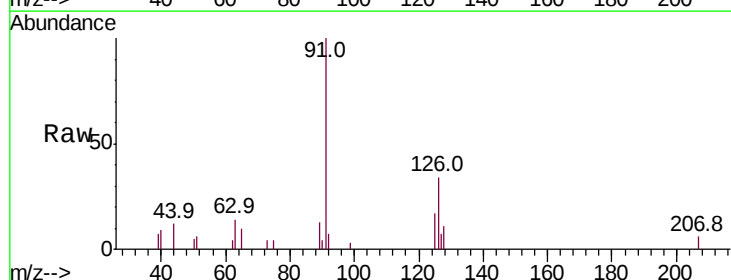
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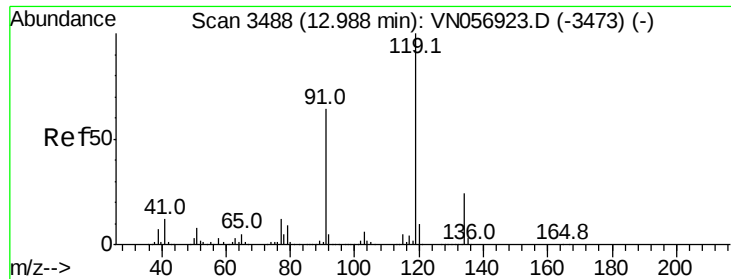
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#82
 4-Chlorotoluene
 Concen: 1.053 ug/l
 RT: 12.77 min Scan# 3420
 Delta R.T. 0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	17.3	51.7





#83

tert-Butylbenzene

Concen: 1.243 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

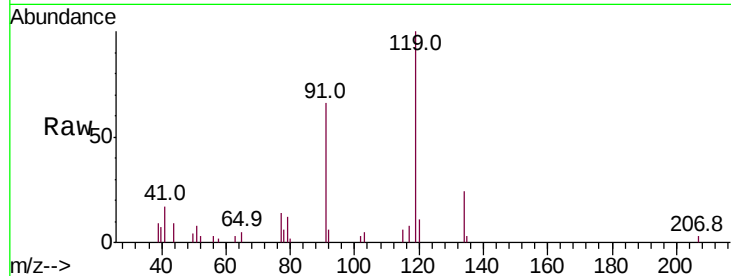
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	12193
Ion Ratio	Lower	Upper	
119	100		
91	61.6	31.6	95.0
134	22.4	13.2	39.5

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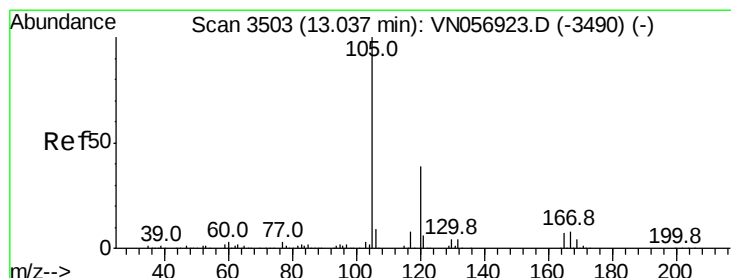
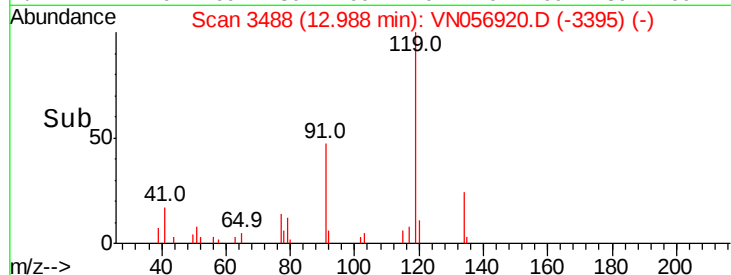
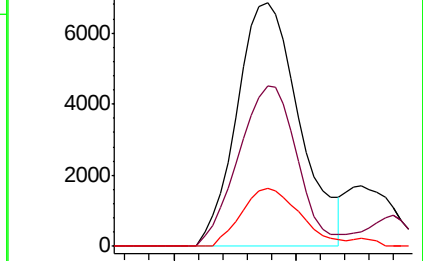
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 1.026 ug/l

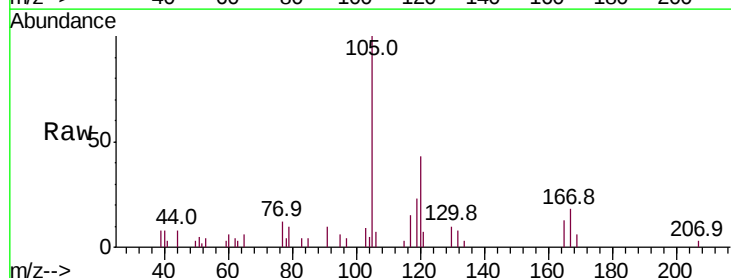
RT: 13.03 min Scan# 3502

Delta R.T. -0.00 min

Lab File: VN056920.D

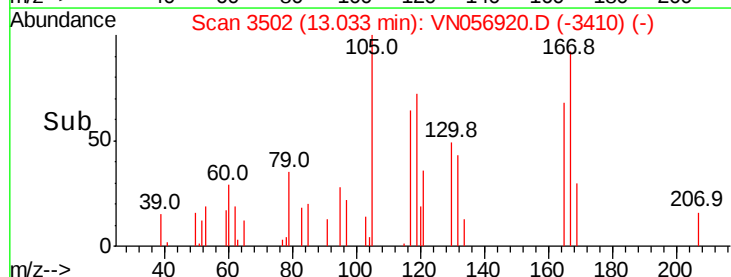
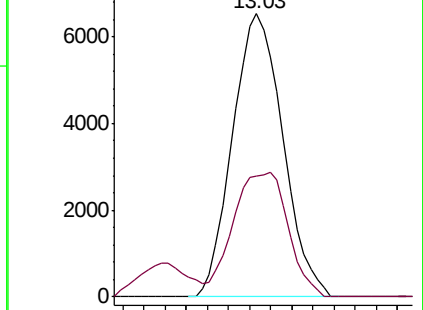
Acq: 25 Jul 2019 14:05

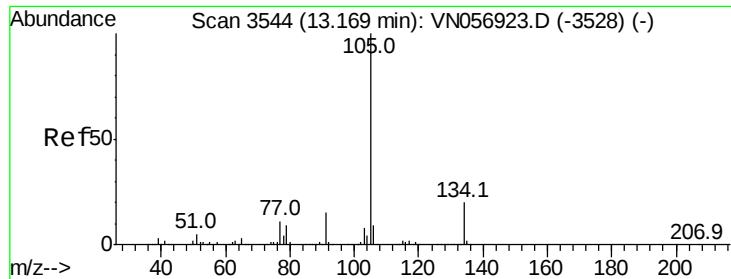
Tgt Ion:	105	Resp:	10824
Ion Ratio	Lower	Upper	
105	100		
120	48.1	23.1	69.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 1.068 ug/l

RT: 13.17 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 13247

Ion Ratio Lower Upper

105 100

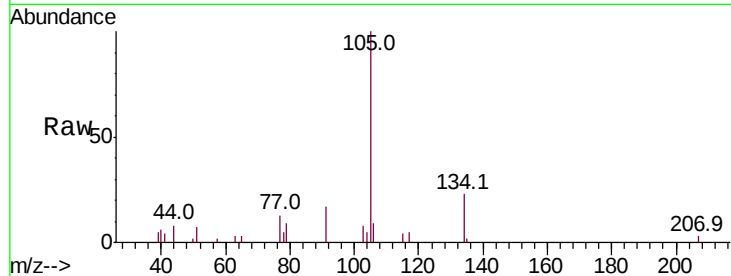
134 20.9 10.3 30.8

Manual Integrations

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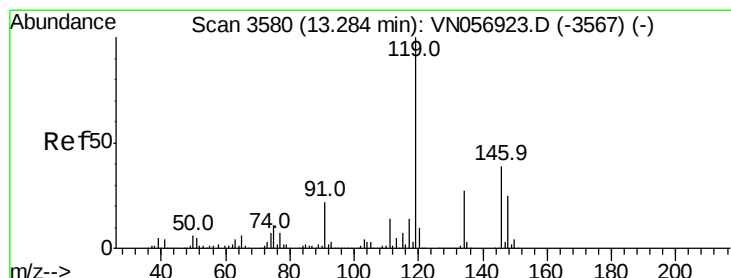
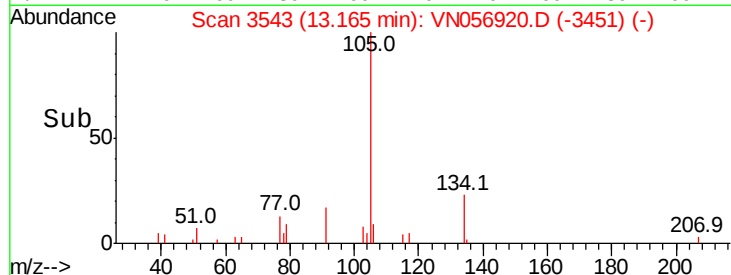
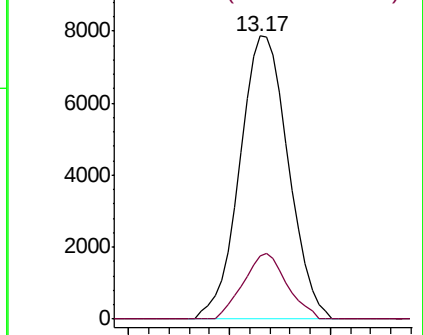
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.028 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

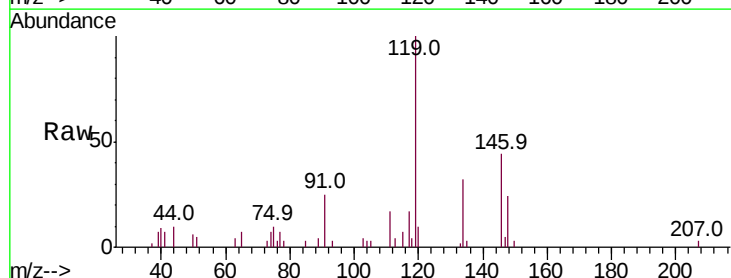
Tgt Ion:119 Resp: 11273

Ion Ratio Lower Upper

119 100

134 28.9 13.5 40.5

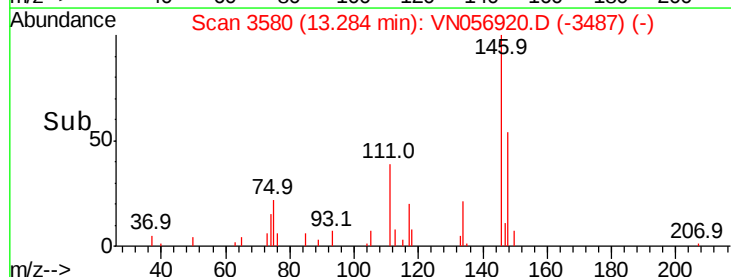
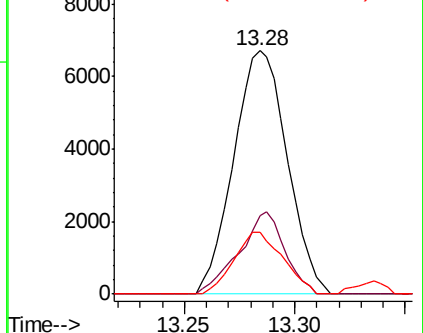
91 23.2 11.0 33.0

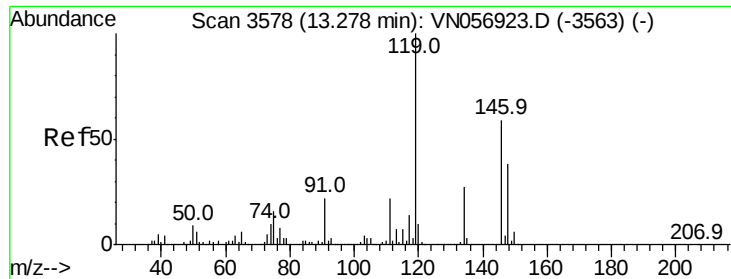


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





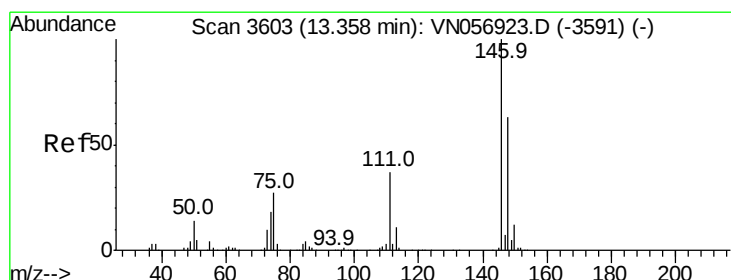
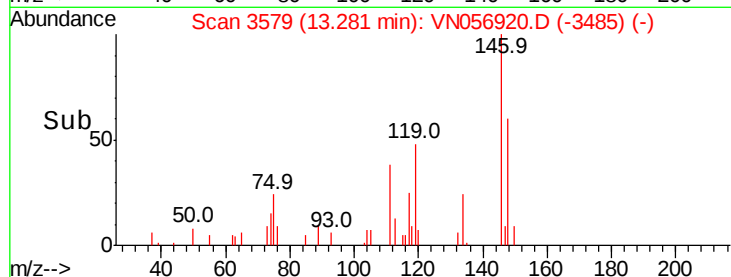
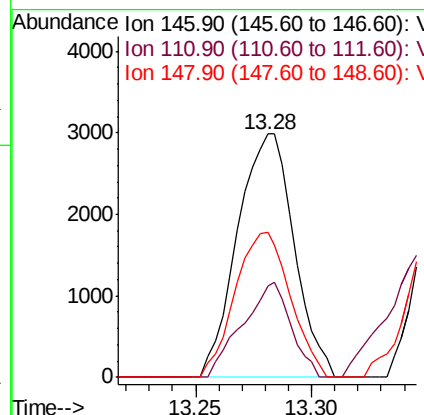
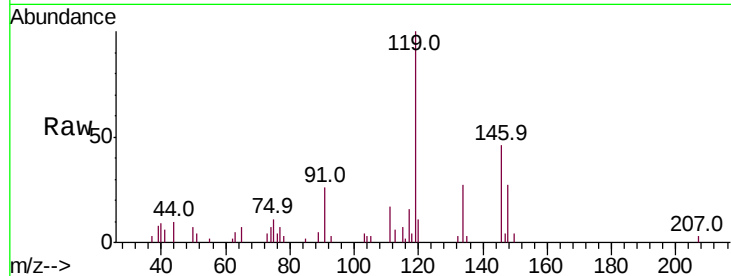
#87
 1,3-Dichlorobenzene
 Concen: 0.980 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	33.4	18.6	56.0
148	58.2	31.6	94.7

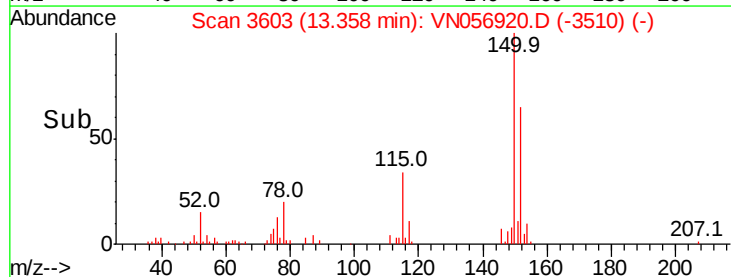
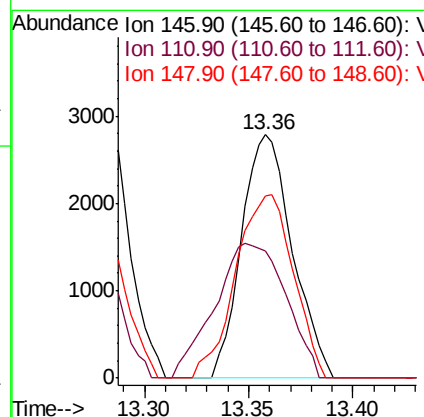
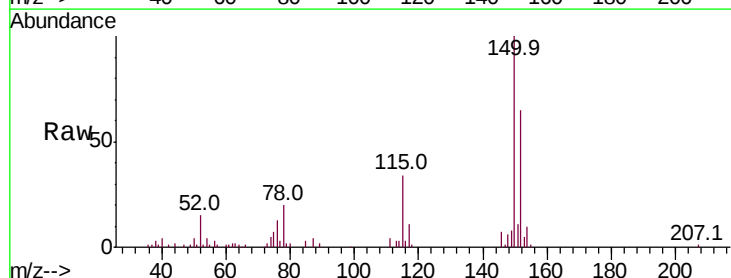
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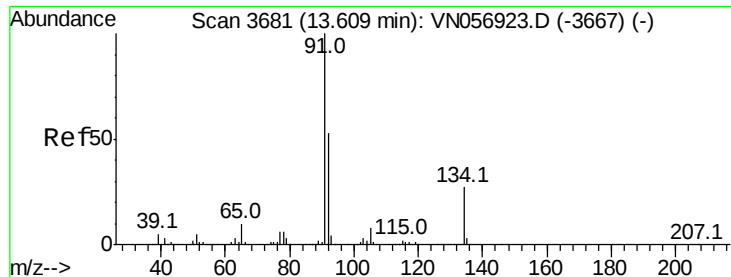
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#88
 1,4-Dichlorobenzene
 Concen: 0.950 ug/l m
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	18.9	56.5
148	62.7	32.1	96.3





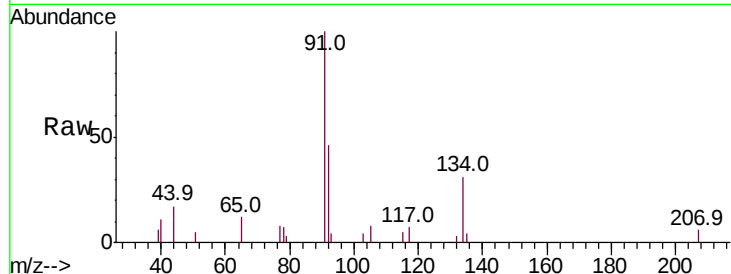
#89
n-Butylbenzene
Concen: 0.885 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

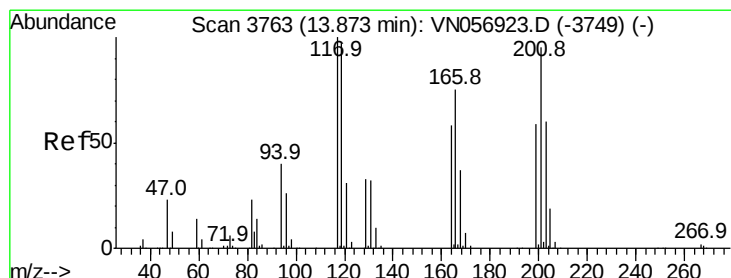
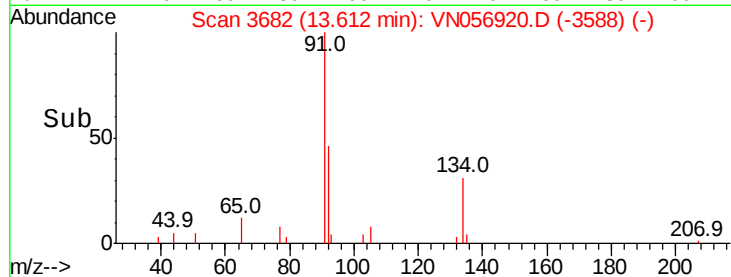
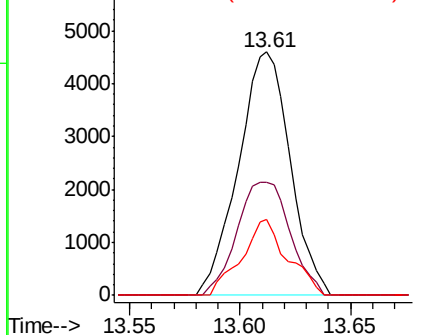
Tot Ion	Ratio	Lower	Upper
91	100		
92	47.8	26.5	79.5
134	27.5	13.5	40.5

Manual Integrations
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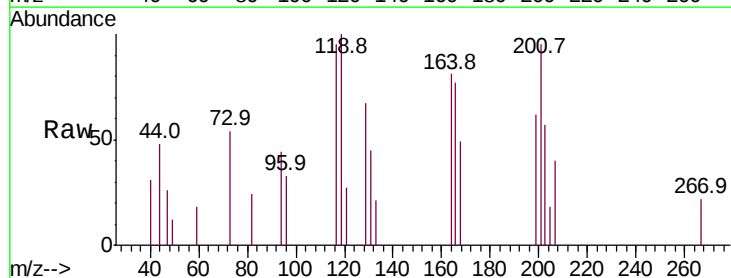


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

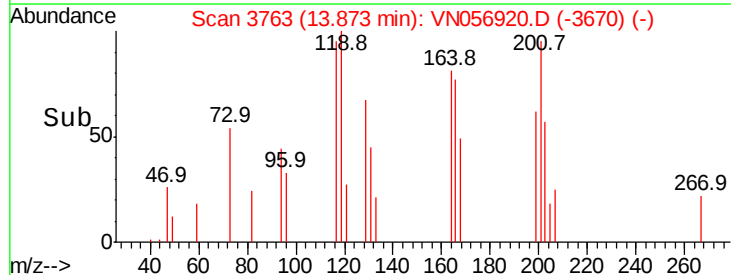
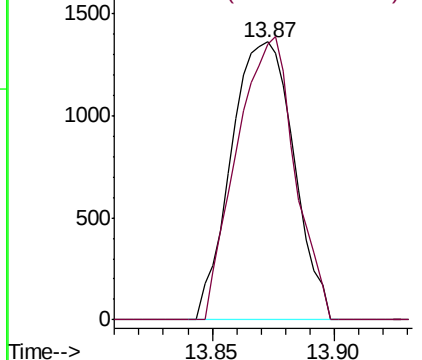


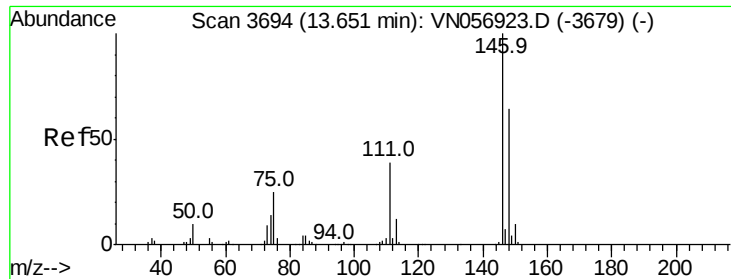
#90
Hexachloroethane
Concen: 1.252 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056920.D
Acq: 25 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
117	100		
201	94.4	47.3	142.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





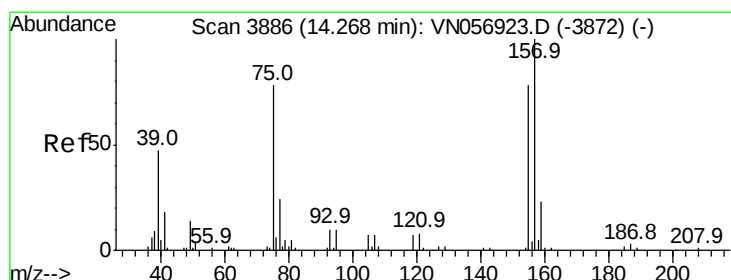
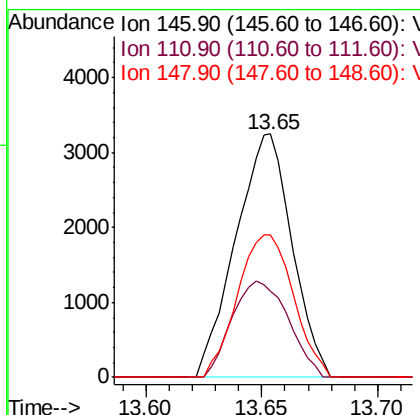
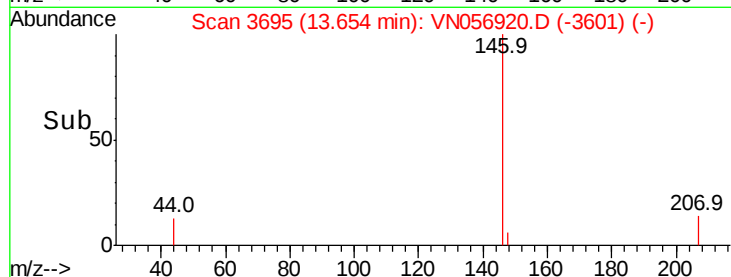
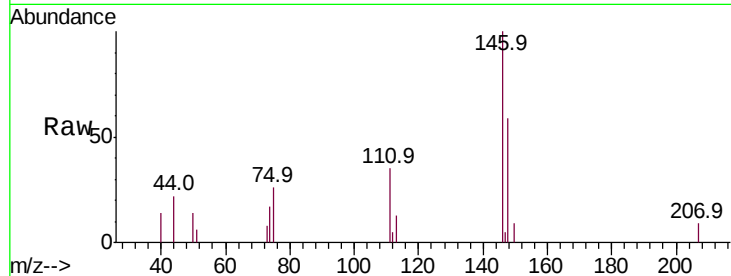
#91
 1,2-Dichlorobenzene
 Concen: 1.049 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:146 Resp: 5478
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.6 58.8
 148 58.2 32.2 96.6

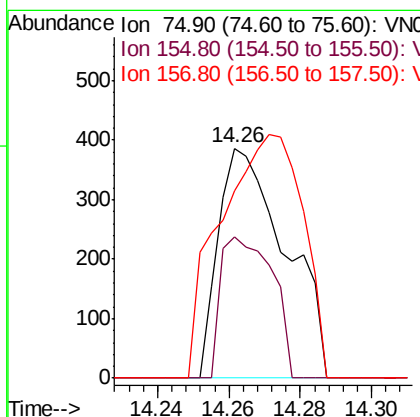
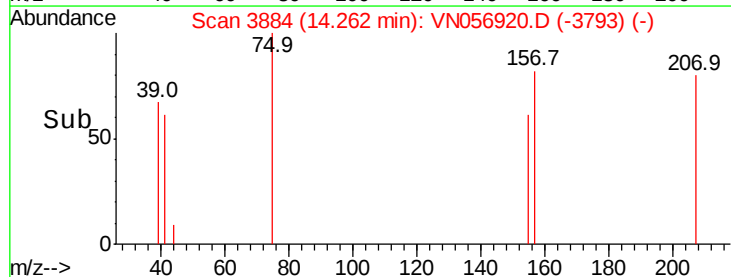
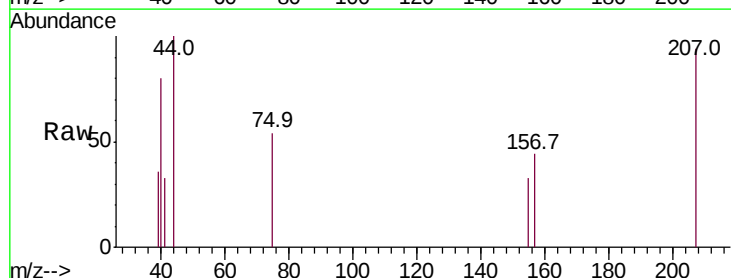
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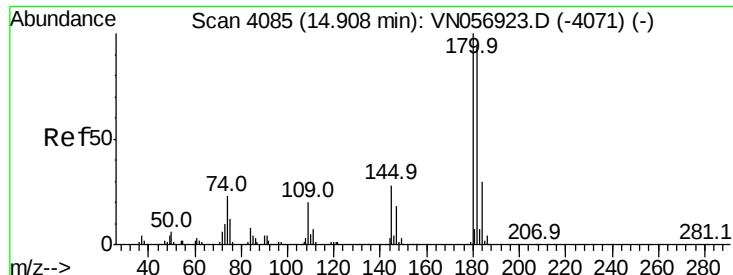
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.947 ug/l
 RT: 14.26 min Scan# 3884
 Delta R.T. -0.01 min
 Lab File: VN056920.D
 Acq: 25 Jul 2019 14:05

Tgt Ion: 75 Resp: 502
 Ion Ratio Lower Upper
 75 100
 155 47.4 47.3 141.9
 157 130.3 63.0 189.0





#93

1,2,4-Trichlorobenzene

Concen: 0.600 ug/l

RT: 14.91 min Scan# 4087

Delta R.T. 0.01 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

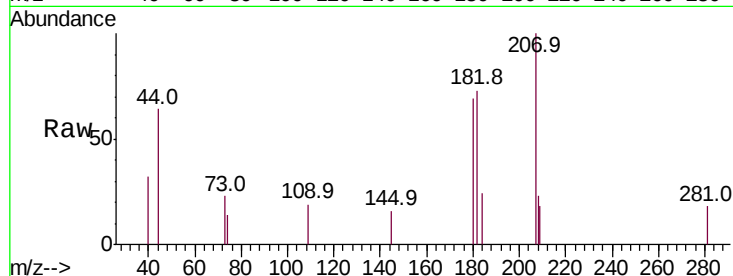
ClientSampleId :

VSTDIC001

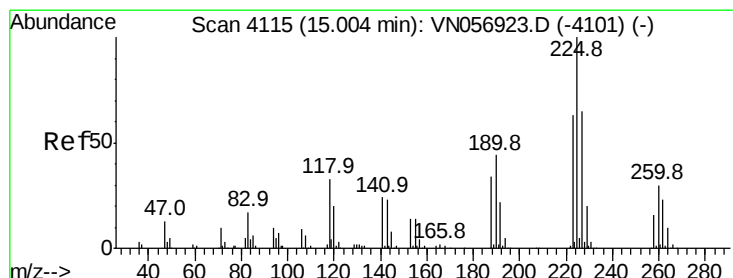
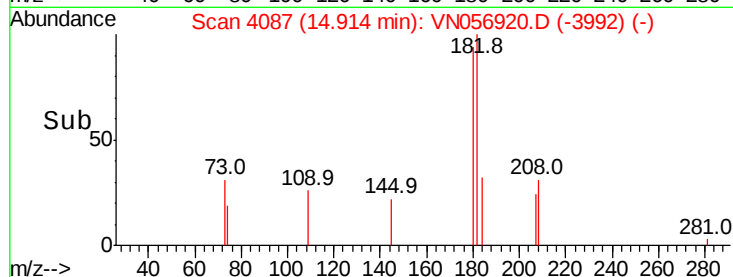
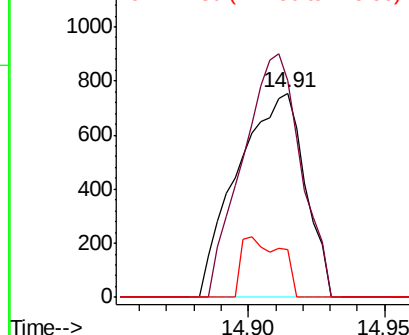
Tot Ion:	180	Resp:	1294
Ion Ratio	Lower	Upper	
180	100		
182	102.8	47.9	143.8
145	17.1	14.1	42.4

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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: 1.359 ug/l

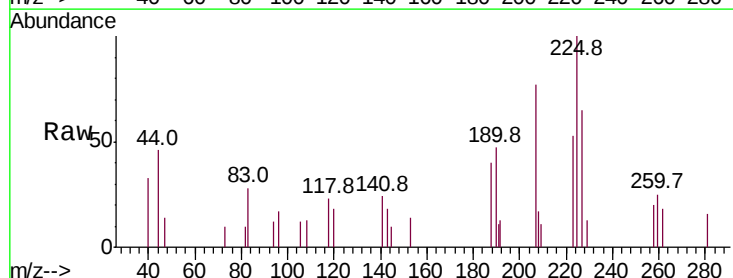
RT: 15.00 min Scan# 4114

Delta R.T. -0.00 min

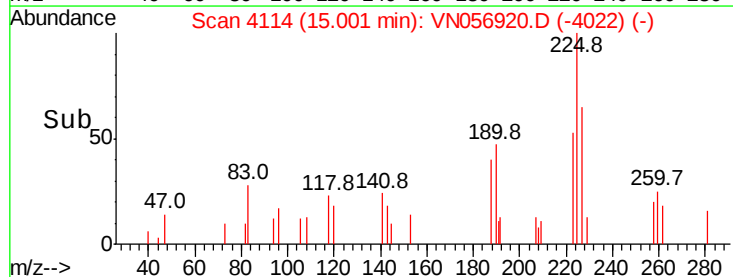
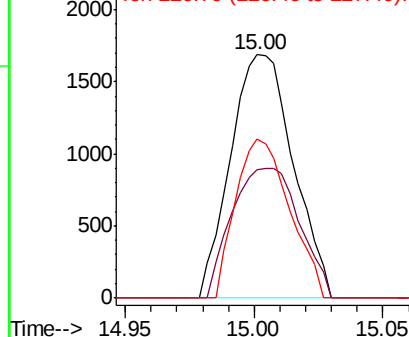
Lab File: VN056920.D

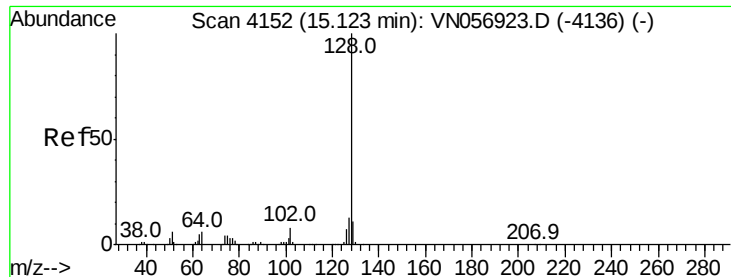
Acq: 25 Jul 2019 14:05

Tgt Ion:	225	Resp:	2865
Ion Ratio	Lower	Upper	
225	100		
223	57.5	31.3	93.9
227	56.1	31.9	95.7



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: 0.601 ug/l

RT: 15.12 min Scan# 4150

Delta R.T. -0.01 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Instrument :

MSVOA_N

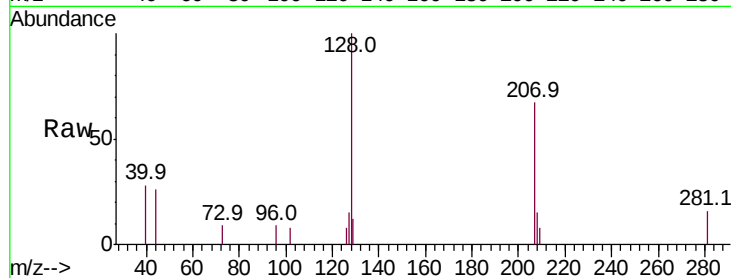
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.2	15.2#
129	11.1	8.6	13.0

Manual Integrations
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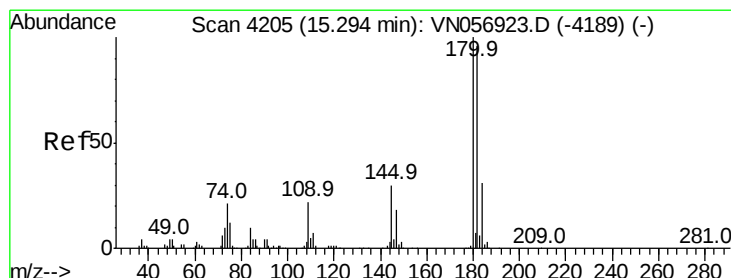
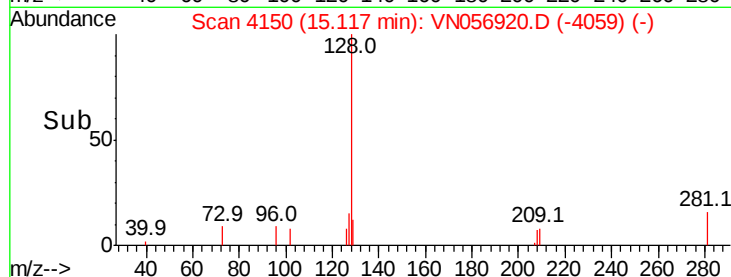
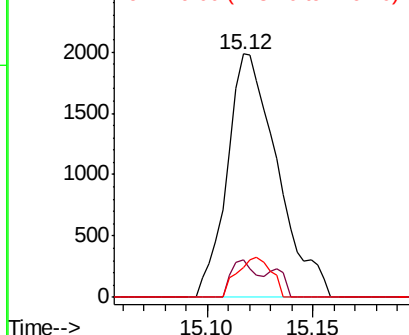


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.607 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. -0.00 min

Lab File: VN056920.D

Acq: 25 Jul 2019 14:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	121.2	48.4	145.3
145	32.5	15.1	45.3

Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

