

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051419\
 Data File : VN055585.D
 Acq On : 14 May 2019 11:07
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/16/2019 1:27:41 PM

Quant Time: May 15 07:29:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051419W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 06:47:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	824111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1354161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1152822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	329810	50.00	ug/l	0.00

System Monitoring Compounds

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

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	9319	1.108	ug/l	96
3) Chloromethane	2.06	50	14932	1.103	ug/l	98
4) Vinyl Chloride	2.19	62	14117	1.097	ug/l	96
6) Chloroethane	2.69	64	8127	1.074	ug/l	99
7) Trichlorofluoromethane	3.02	101	15225	1.077	ug/l	93
8) Diethyl Ether	3.41	74	7111	1.120	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.75	101	10000	1.111	ug/l	95
12) 1,1-Dichloroethene	3.73	96	9254	1.025	ug/l	96
14) Allyl chloride	4.31	41	18673m	1.023	ug/l	
15) Acrylonitrile	5.00	53	24566	4.425	ug/l #	60
16) Acetone	3.82	43	26619	4.691	ug/l	97
17) Carbon Disulfide	4.04	76	28788	1.162	ug/l	98
18) Methyl Acetate	4.34	43	14873	1.073	ug/l	97
19) Methyl tert-butyl Ether	5.05	73	27962	0.943	ug/l	93
20) Methylene Chloride	4.55	84	12402	1.061	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	9847	1.005	ug/l	95
22) Diisopropyl ether	5.95	45	32901	0.889	ug/l #	86
23) Vinyl Acetate	5.90	43	117986	4.141	ug/l	99
24) 1,1-Dichloroethane	5.85	63	20133	0.999	ug/l	99
25) 2-Butanone	6.85	43	33613	4.350	ug/l	98
26) 2,2-Dichloropropane	6.83	77	13132m	1.047	ug/l	
27) cis-1,2-Dichloroethene	6.84	96	12166	1.080	ug/l	93
28) Bromochloromethane	7.19	49	9728	0.944	ug/l #	61
29) Tetrahydrofuran	7.23	42	23473	4.591	ug/l	96
30) Chloroform	7.37	83	18570	0.998	ug/l	90
32) 1,1,1-Trichloroethane	7.57	97	13868	0.976	ug/l #	53
36) 1,1-Dichloropropene	7.80	75	15333	1.155	ug/l	94
37) Ethyl Acetate	6.94	43	12706	0.895	ug/l #	96
38) Carbon Tetrachloride	7.77	117	12018	1.069	ug/l #	82
39) Methylcyclohexane	9.08	83	17525	1.084	ug/l	94
40) Benzene	8.04	78	43104	1.048	ug/l	98
41) Methacrylonitrile	7.18	41	4475	0.681	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	15059	1.046	ug/l	90
43) Isopropyl Acetate	8.17	43	20458	0.952	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

44) Trichloroethene	8.84	130	10319	1.047	ug/l	97
45) 1,2-Dichloropropane	9.12	63	11445	0.974	ug/l	100
46) Dibromomethane	9.21	93	7372	1.084	ug/l	95
47) Bromodichloromethane	9.40	83	13397	1.025	ug/l	96
48) Methyl methacrylate	9.20	41	10332	0.995	ug/l	93
49) 1,4-Dioxane	9.21	88	3481	17.306	ug/l #	87
51) 4-Methyl-2-Pentanone	9.99	43	63294	4.499	ug/l	97
52) Toluene	10.16	92	24325	1.033	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	12069	0.966	ug/l #	83
54) cis-1,3-Dichloropropene	9.84	75	13790	0.921	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	10334	1.086	ug/l	94
56) Ethyl methacrylate	10.43	69	12138	0.866	ug/l	97
57) 1,3-Dichloropropane	10.71	76	16779	0.996	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	14209	3.679	ug/l	97
59) 2-Hexanone	10.75	43	42984	4.363	ug/l	99
60) Dibromochloromethane	10.90	129	8207	0.948	ug/l	97
61) 1,2-Dibromoethane	11.01	107	8769	0.961	ug/l	99
64) Tetrachloroethene	10.63	164	9610	1.020	ug/l	94
65) Chlorobenzene	11.43	112	25206	1.065	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.51	131	8147	0.997	ug/l #	61
67) Ethyl Benzene	11.51	91	42827	0.968	ug/l	98
68) m/p-Xylenes	11.62	106	31636	1.988	ug/l	89
69) o-Xylene	11.94	106	15119	0.968	ug/l	92
70) Styrene	11.96	104	21305	0.853	ug/l	96
71) Bromoform	12.12	173	4834	0.883	ug/l #	99
73) Isopropylbenzene	12.25	105	38823	1.205	ug/l	98
74) N-amyl acetate	12.07	43	13806	1.130	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	13908	1.331	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	8456m	0.958	ug/l	
77) Bromobenzene	12.53	156	9428	1.298	ug/l	97
78) n-propylbenzene	12.59	91	38329	1.090	ug/l	98
79) 2-Chlorotoluene	12.67	91	26799	1.224	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	27538	1.051	ug/l	99
82) 4-Chlorotoluene	12.77	91	22086	1.067	ug/l	96
83) tert-Butylbenzene	12.99	119	25752	1.148	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	25062	1.044	ug/l	94
85) sec-Butylbenzene	13.17	105	31566	1.061	ug/l	98
86) p-Isopropyltoluene	13.29	119	24423	1.008	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	12421	1.110	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	13635	1.234	ug/l	90
89) n-Butylbenzene	13.61	91	17420	0.937	ug/l	96
90) Hexachloroethane	13.87	117	5267	1.331	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	13301	1.188	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1683	1.136	ug/l	90
93) 1,2,4-Trichlorobenzene	14.91	180	4970	1.313	ug/l	97
94) Hexachlorobutadiene	15.01	225	5347	1.334	ug/l	92
95) Naphthalene	15.13	128	15541	1.405	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	6283	1.416	ug/l	90

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ClientSampleId :
VSTDICC001

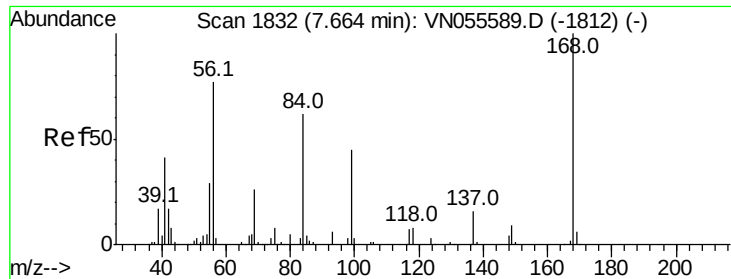
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 824111

Ion Ratio Lower Upper

168 100

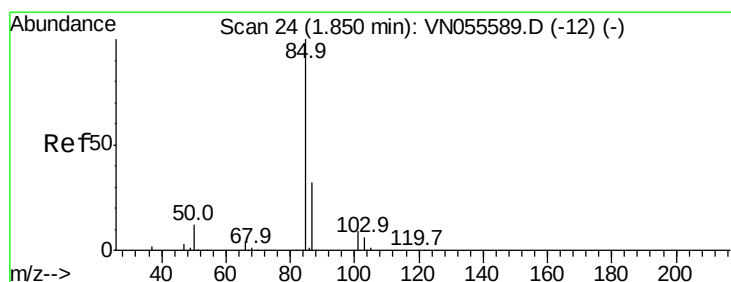
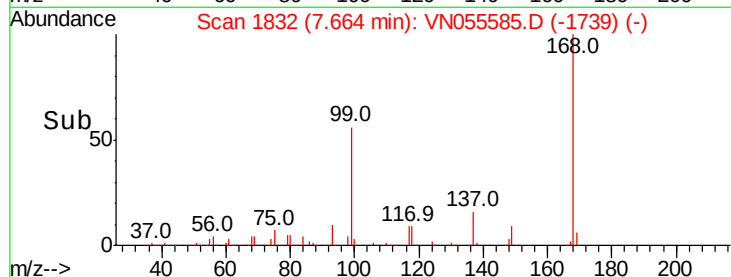
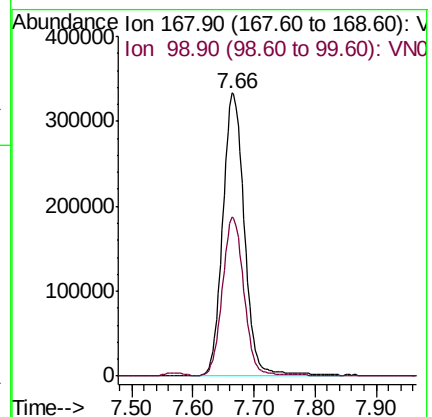
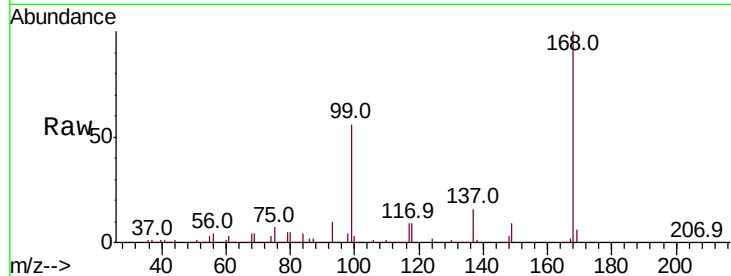
99 56.1 44.6 66.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 1.108 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN055585.D

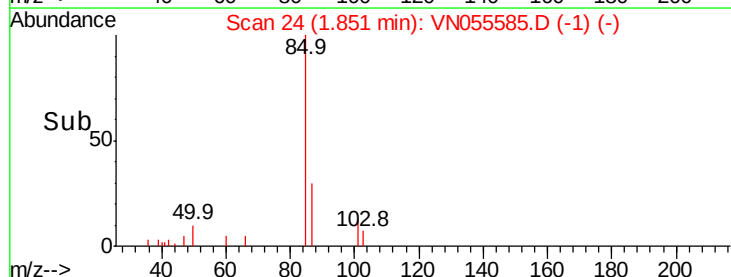
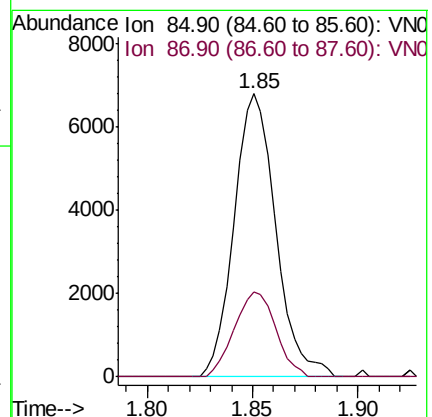
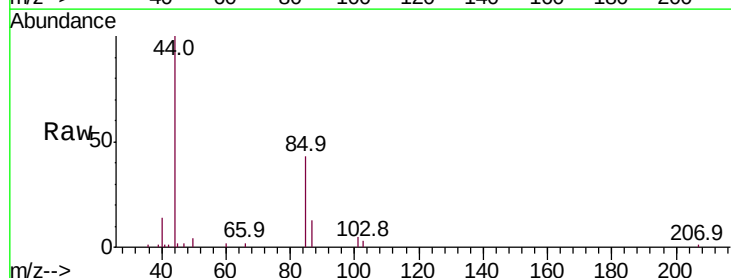
Acq: 14 May 2019 11:07

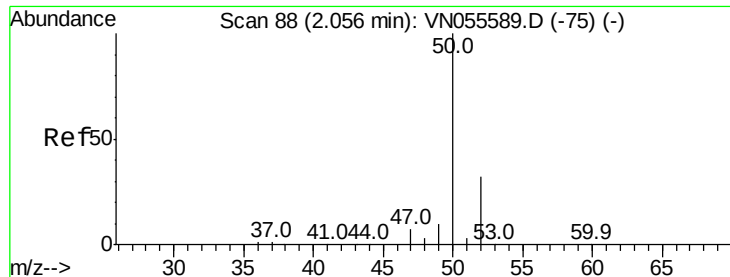
Tgt Ion: 85 Resp: 9319

Ion Ratio Lower Upper

85 100

87 30.0 16.1 48.3





#3

Chloromethane

Concen: 1.103 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 14932

Ion Ratio Lower Upper

50 100

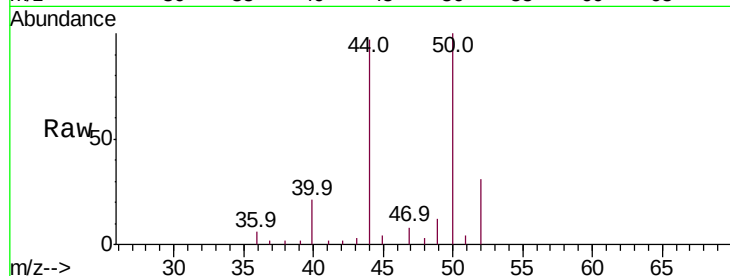
52 31.0 25.5 38.3

Manual Integrations

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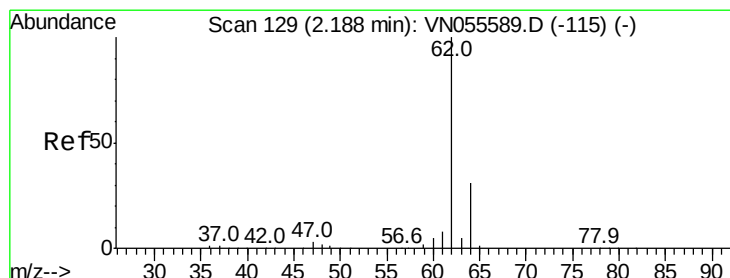
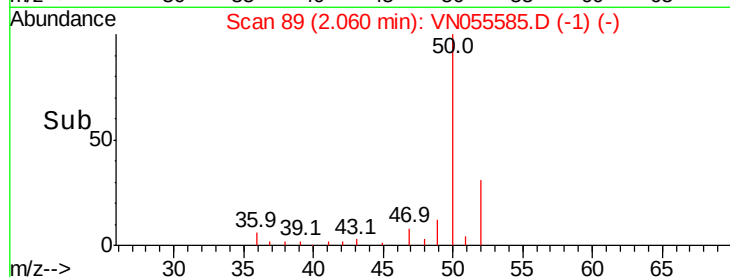
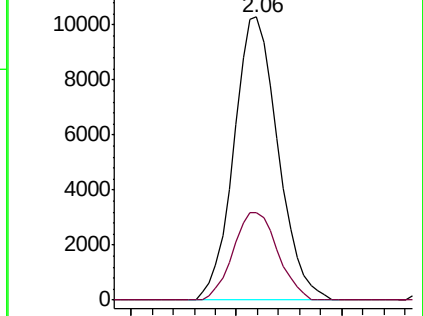
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 1.097 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055585.D

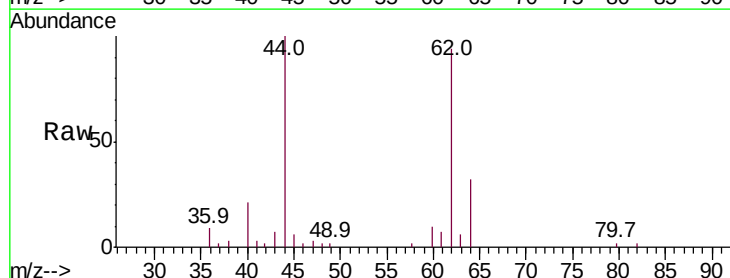
Acq: 14 May 2019 11:07

Tgt Ion: 62 Resp: 14117

Ion Ratio Lower Upper

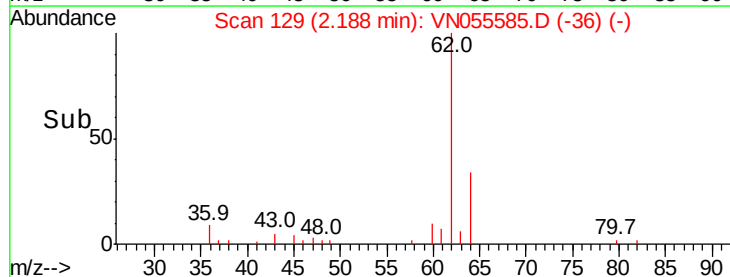
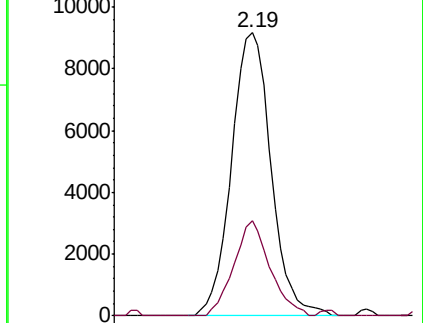
62 100

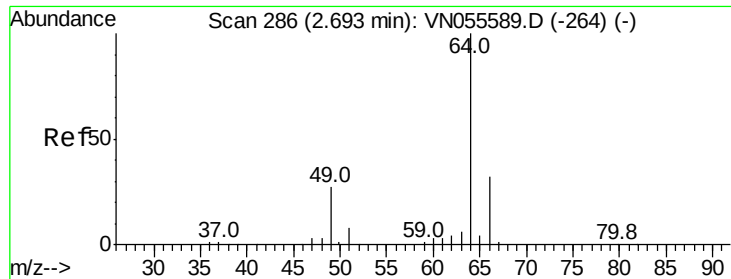
64 33.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#6

Chloroethane

Concen: 1.074 ug/l

RT: 2.69 min Scan# 286

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 8127

Ion Ratio Lower Upper

64 100

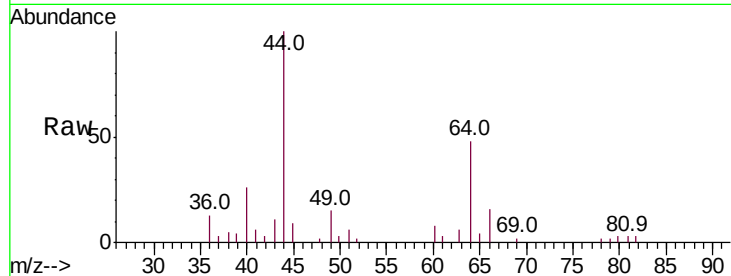
66 33.0 25.8 38.6

Manual Integrations

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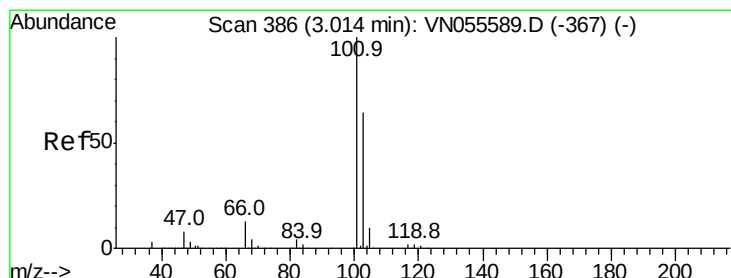
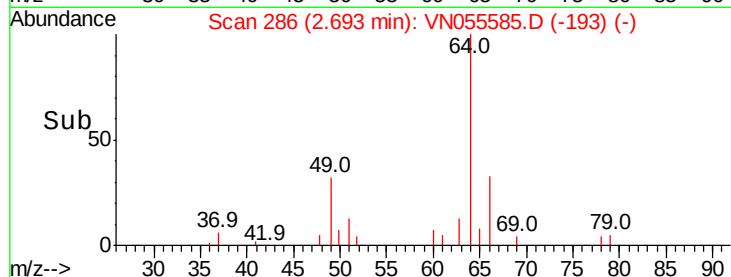
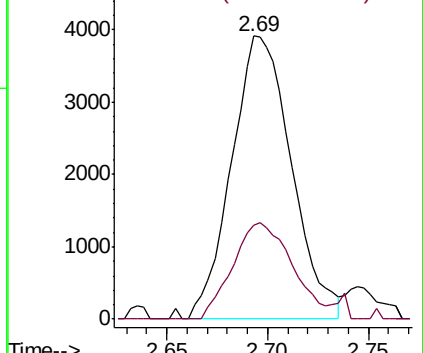
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Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#7

Trichlorofluoromethane

Concen: 1.077 ug/l

RT: 3.02 min Scan# 387

Delta R.T. 0.00 min

Lab File: VN055585.D

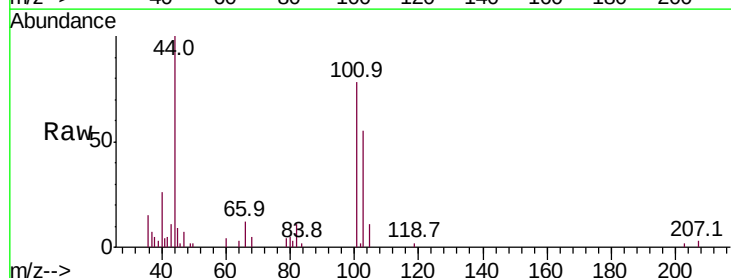
Acq: 14 May 2019 11:07

Tgt Ion: 101 Resp: 15225

Ion Ratio Lower Upper

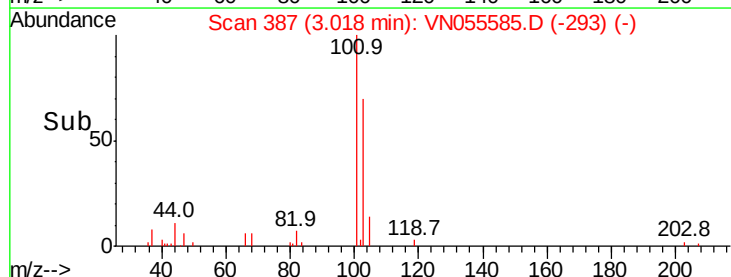
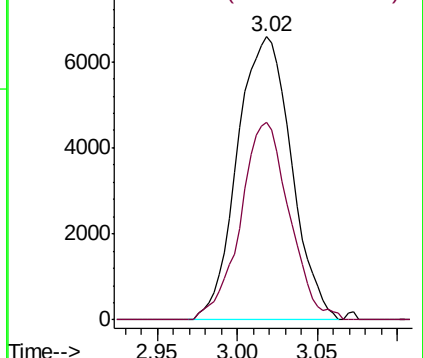
101 100

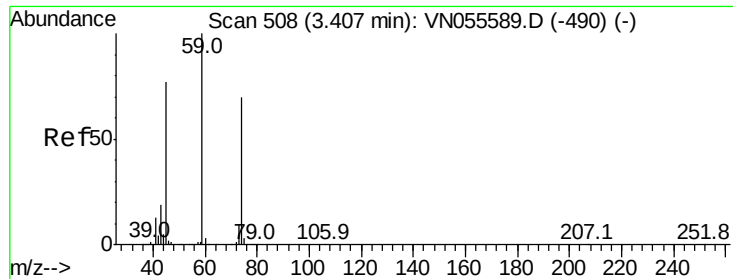
103 69.6 51.0 76.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 1.120 ug/l

RT: 3.41 min Scan# 508

Delta R.T. 0.00 min

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VSTDIC001

Tot Ion: 74 Resp: 7111

Ion Ratio Lower Upper

74 100

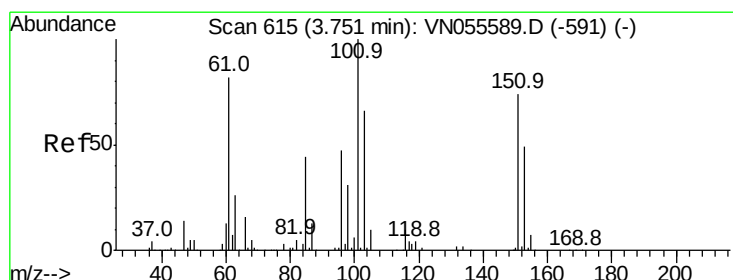
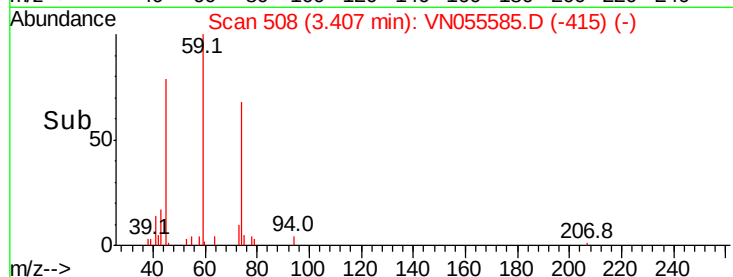
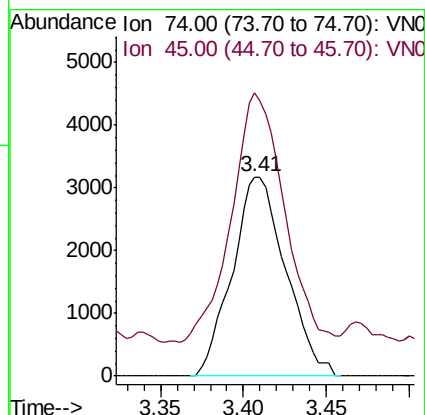
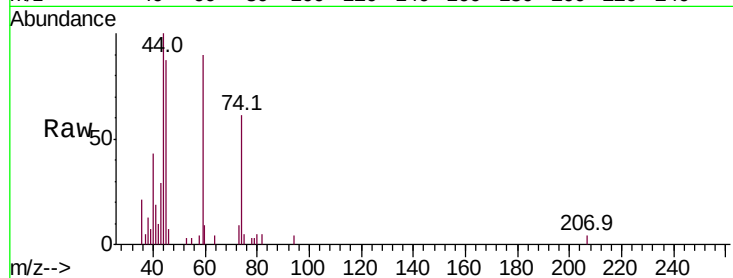
45 123.2 54.9 164.7

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.111 ug/l

RT: 3.75 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

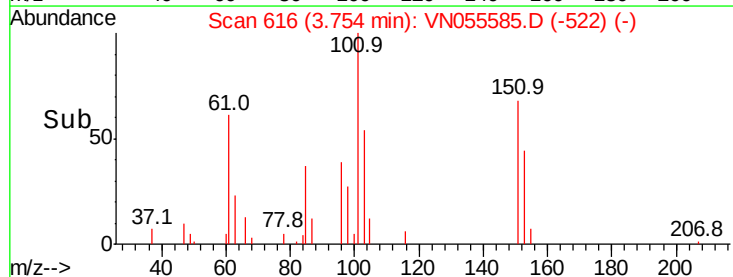
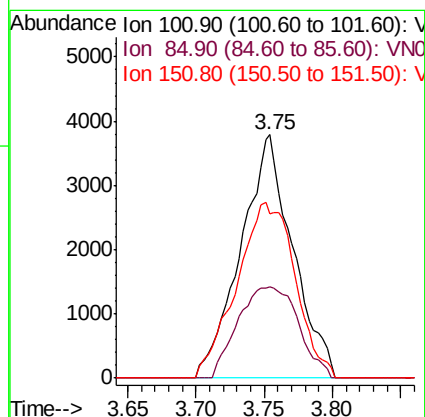
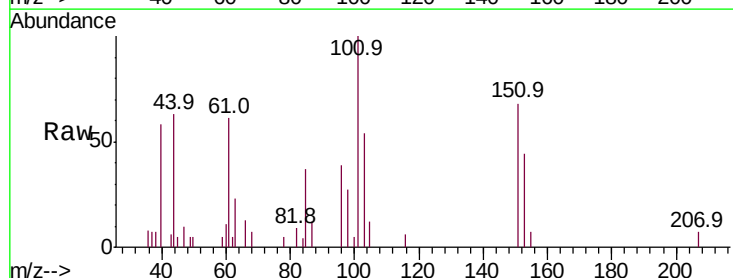
Tgt Ion: 101 Resp: 10000

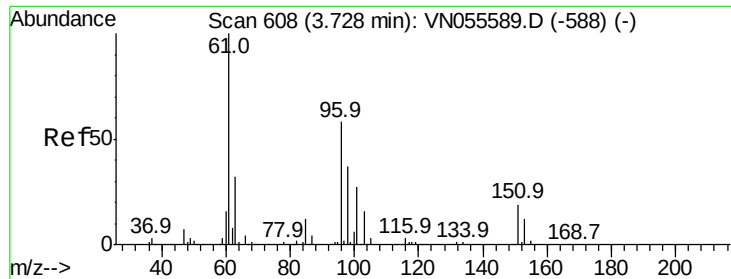
Ion Ratio Lower Upper

101 100

85 43.6 34.2 51.2

151 81.3 60.2 90.2





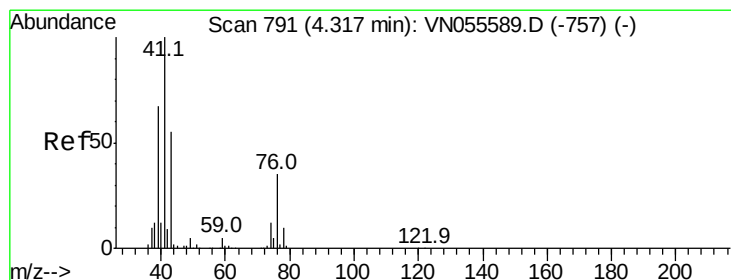
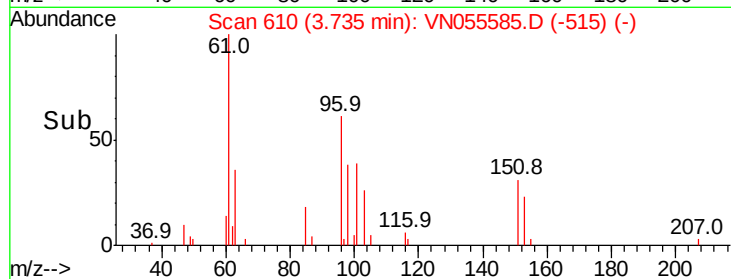
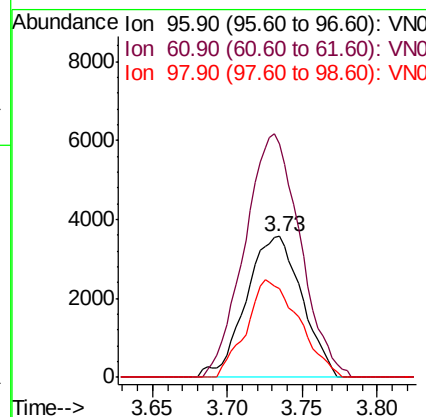
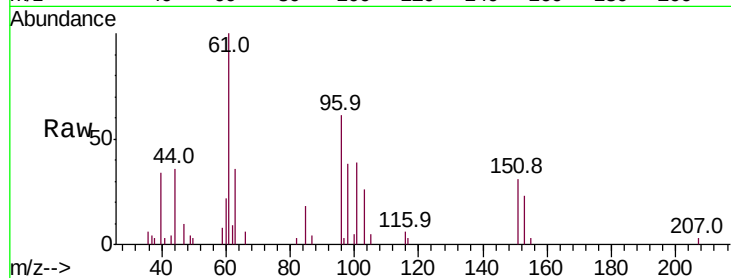
#12
 1,1-Dichloroethene
 Concen: 1.025 ug/l
 RT: 3.73 min Scan# 610
 Delta R.T. 0.01 min
 Lab File: VN055585.D
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 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.0	137.5	206.3
98	62.5	50.3	75.5

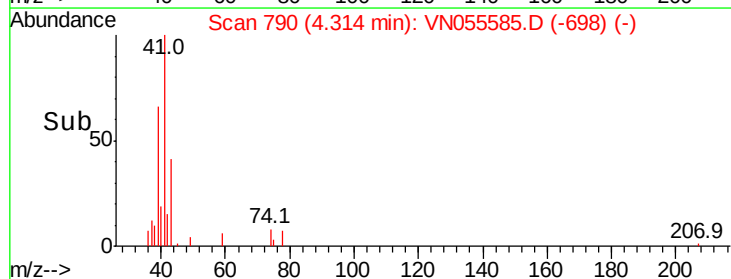
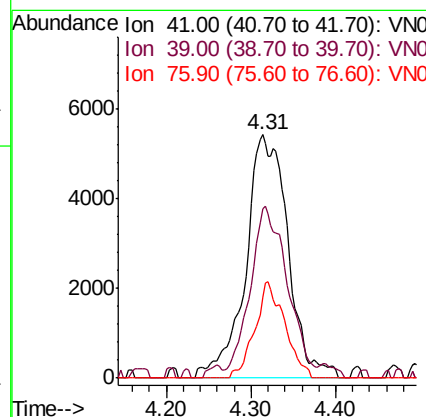
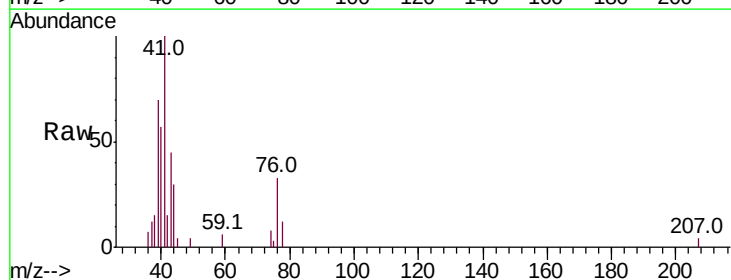
Manual Integrations
 APPROVED

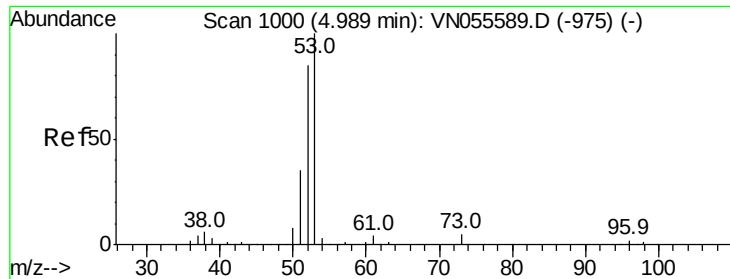
MMDadoda
 5/16/2019 1:27:41 PM



#14
 Allyl chloride
 Concen: 1.023 ug/l m
 RT: 4.31 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.6	49.3	73.9
76	28.3	24.7	37.1





#15

Acrylonitrile

Concen: 4.425 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.01 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

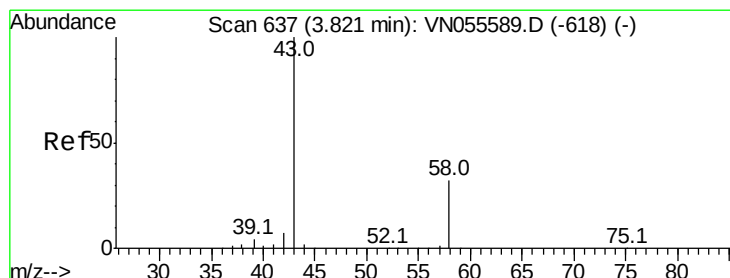
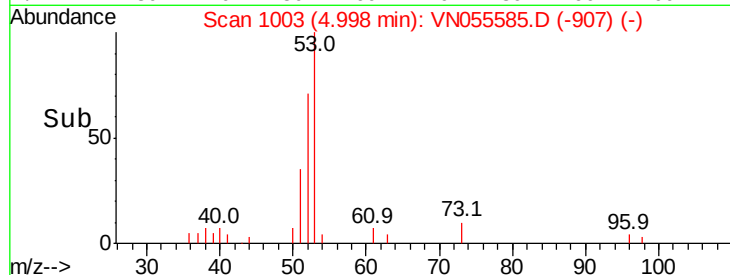
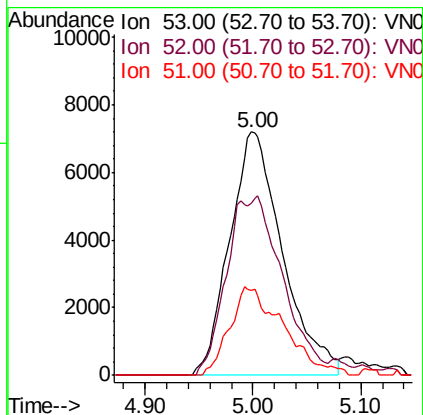
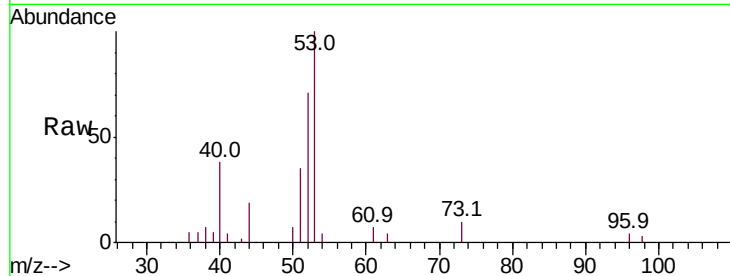
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	24566
Ion Ratio	Lower	Upper	
53	100		
52	31.9	65.6	98.4#
51	36.9	28.3	42.5

Manual Integrations
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MMDadoda
5/16/2019 1:27:41 PM



#16

Acetone

Concen: 4.691 ug/l

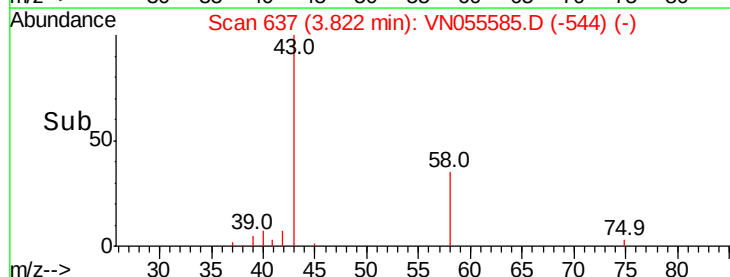
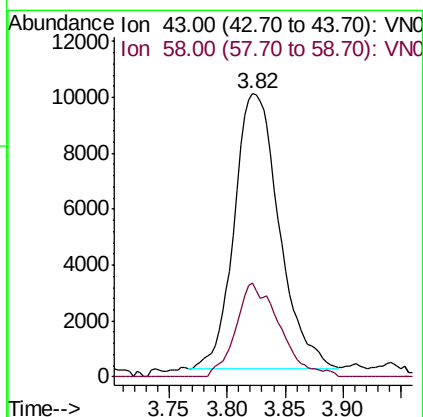
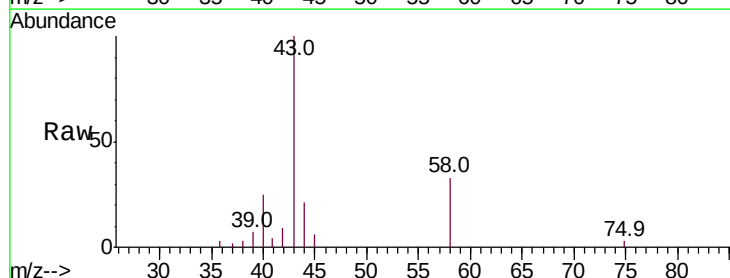
RT: 3.82 min Scan# 637

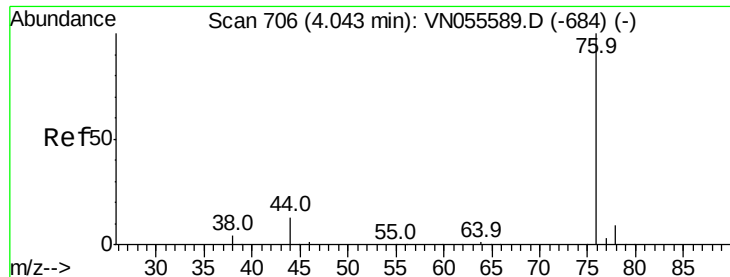
Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Tgt Ion:	43	Resp:	26619
Ion Ratio	Lower	Upper	
43	100		
58	33.9	25.7	38.5





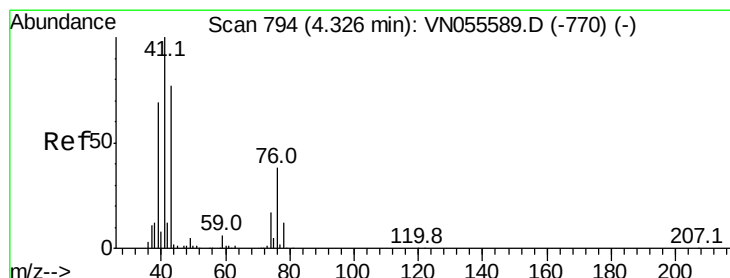
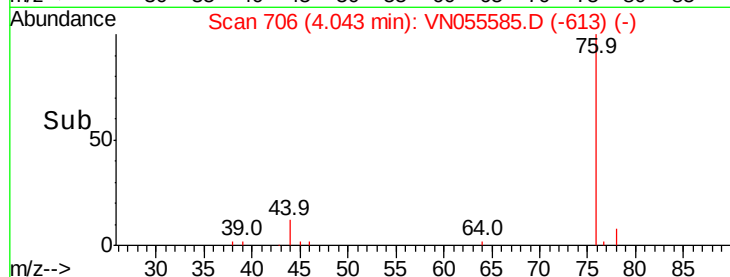
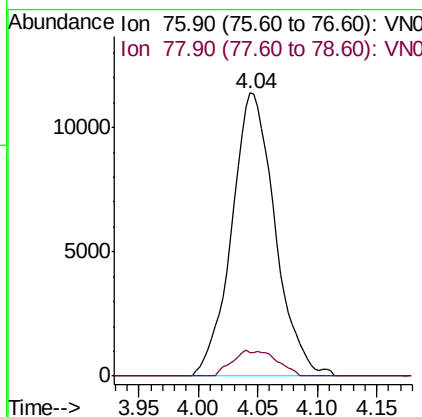
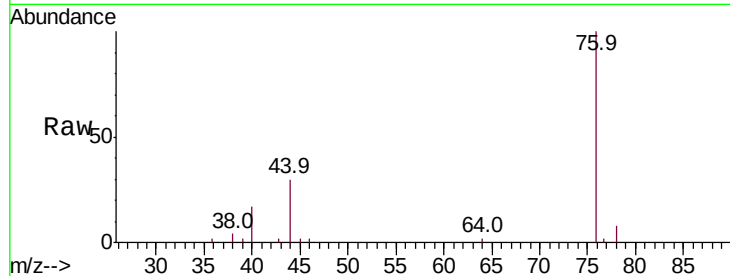
#17
Carbon Disulfide
Concen: 1.162 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.0

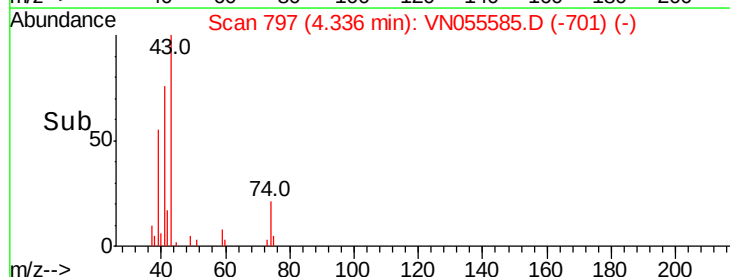
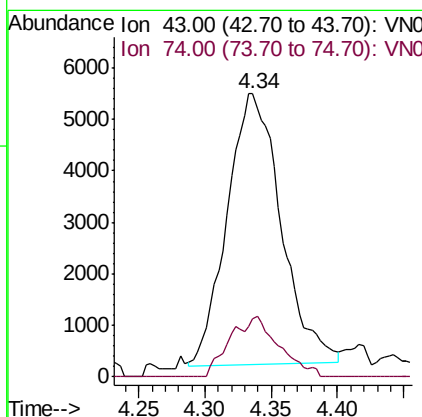
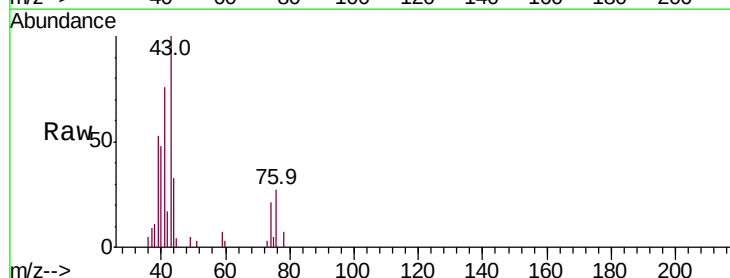
Manual Integrations
APPROVED

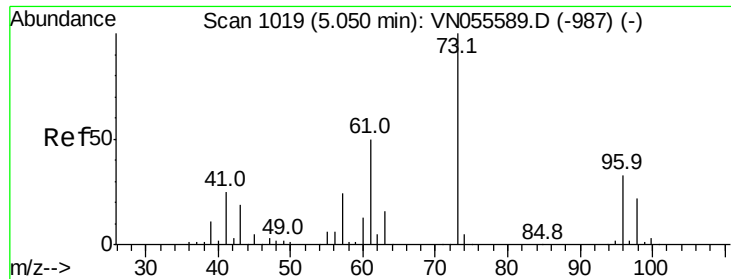
MMDadoda
5/16/2019 1:27:41 PM



#18
Methyl Acetate
Concen: 1.073 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	17.4	26.2





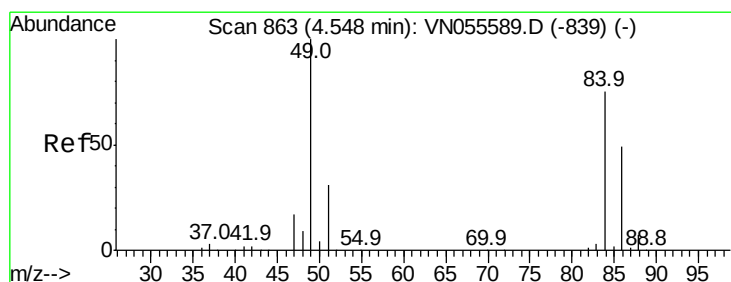
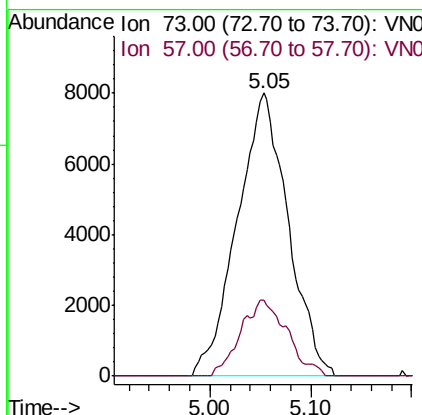
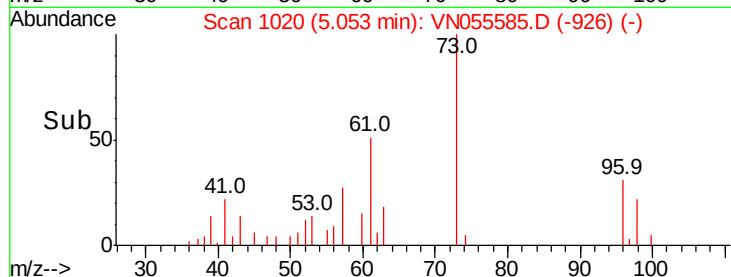
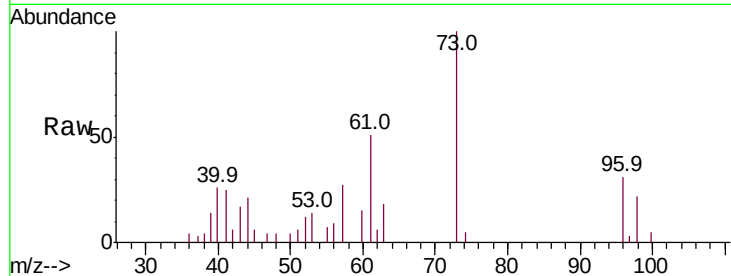
#19
Methyl tert-butyl Ether
Concen: 0.943 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 73 Resp: 27962
Ion Ratio Lower Upper
73 100
57 27.0 18.9 28.3

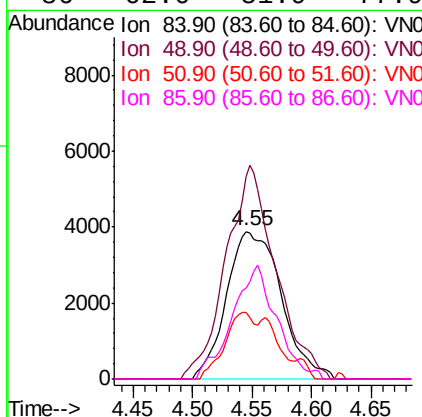
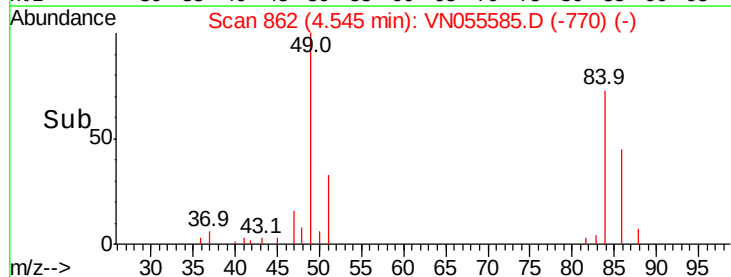
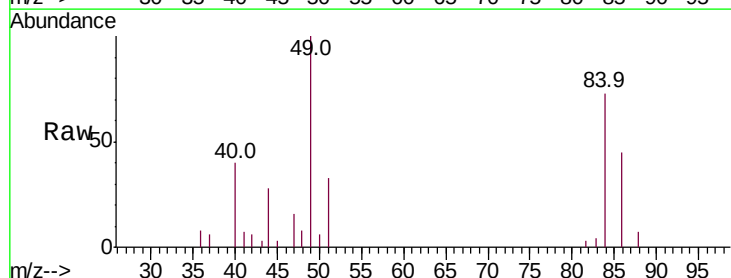
Manual Integrations
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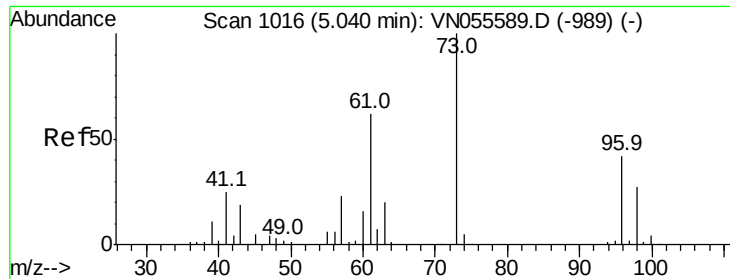
MMDadoda
5/16/2019 1:27:41 PM



#20
Methylene Chloride
Concen: 1.061 ug/l
RT: 4.55 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 84 Resp: 12402
Ion Ratio Lower Upper
84 100
49 137.2 106.2 159.2
51 44.8 32.7 49.1
86 62.0 51.9 77.9





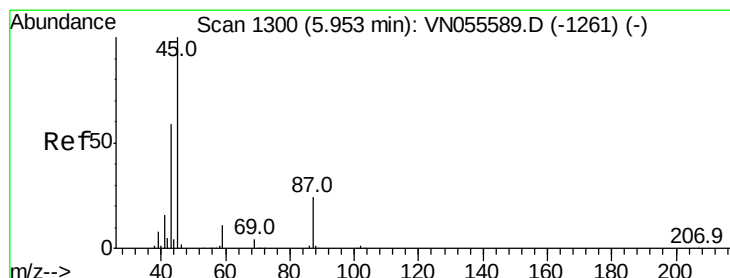
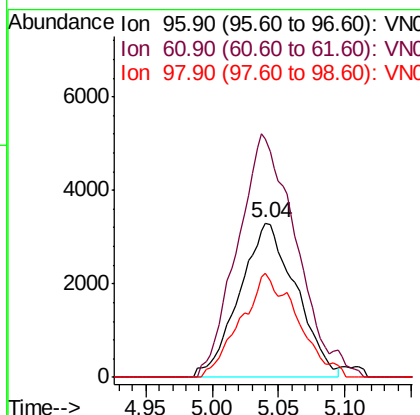
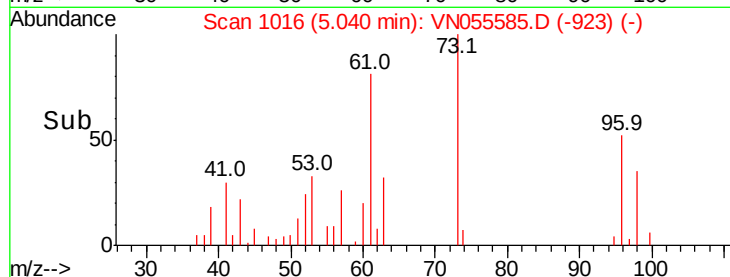
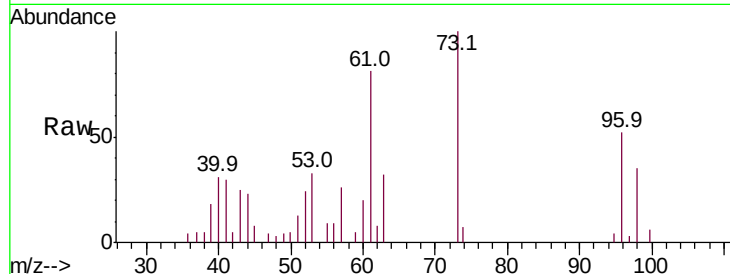
#21
trans-1,2-Dichloroethene
Concen: 1.005 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.7	117.8	176.6
98	67.1	51.4	77.2

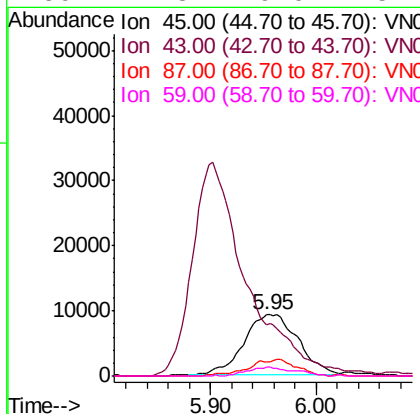
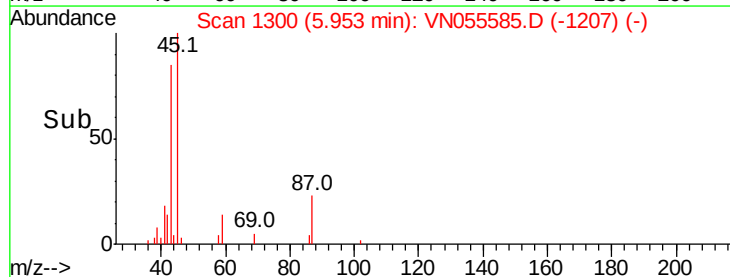
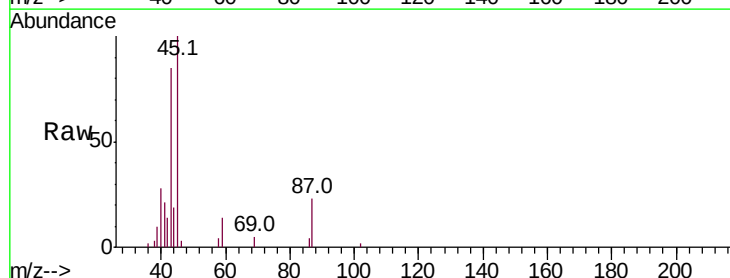
Manual Integrations
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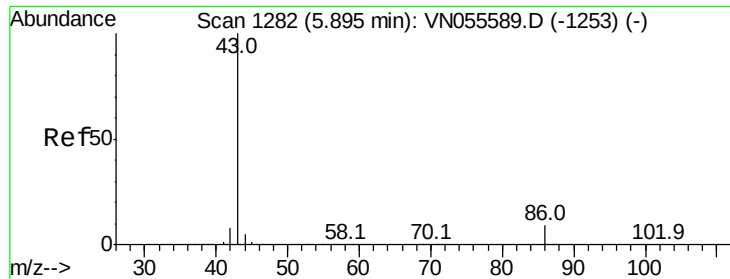
MMDadoda
5/16/2019 1:27:41 PM



#22
Diisopropyl ether
Concen: 0.889 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
45	100		
43	74.6	47.1	70.7#
87	24.0	19.5	29.3
59	14.8	9.0	13.4#





#23

Vinyl Acetate

Concen: 4.141 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 117986

Ion Ratio Lower Upper

43 100

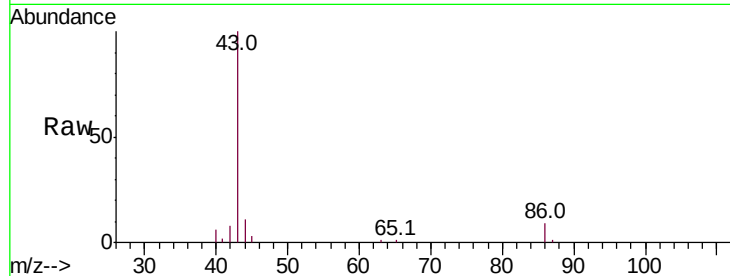
86 8.8 7.4 11.0

Manual Integrations

APPROVED

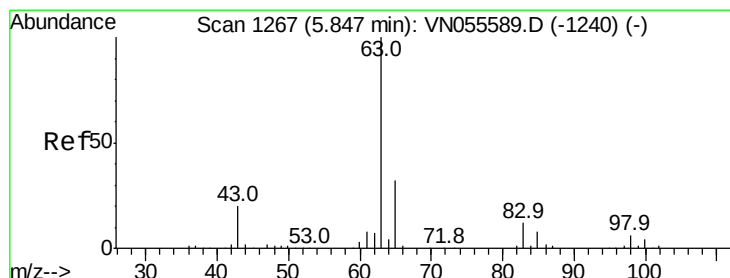
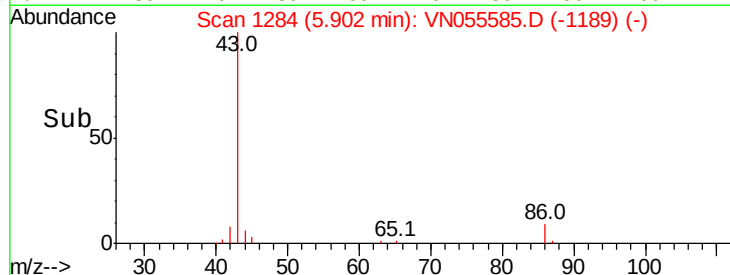
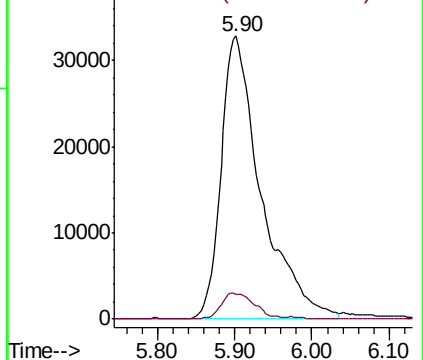
MMDadoda

5/16/2019 1:27:41 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 0.999 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

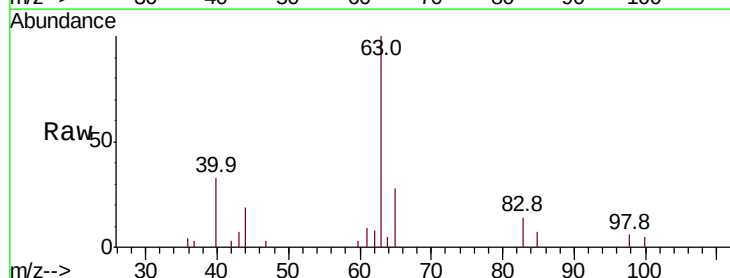
Tgt Ion: 63 Resp: 20133

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.0

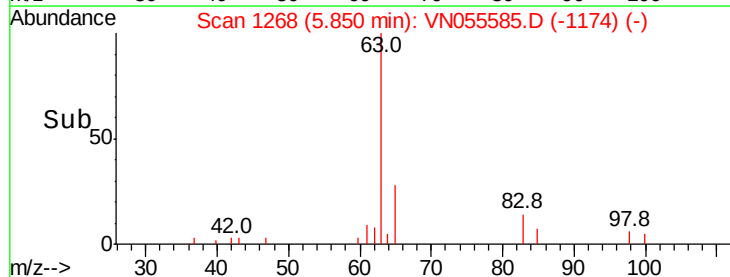
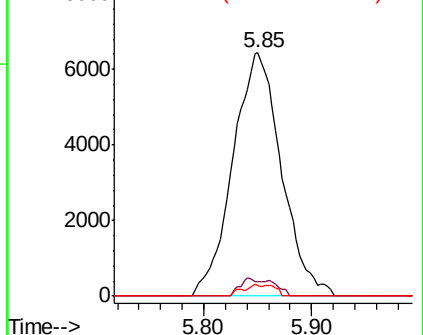
100 4.6 2.1 6.3

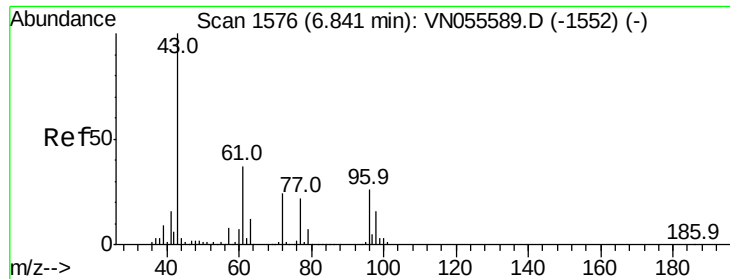


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





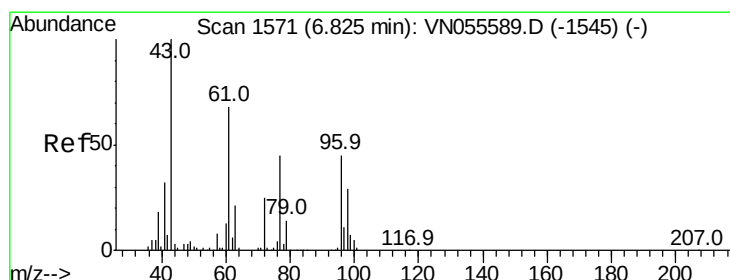
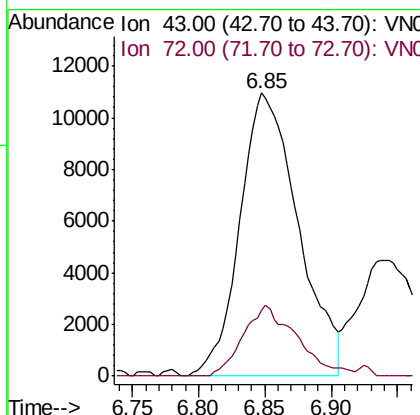
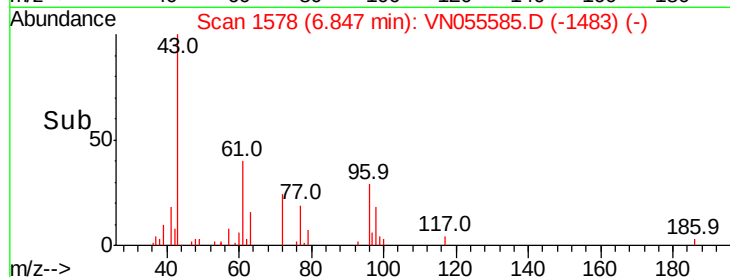
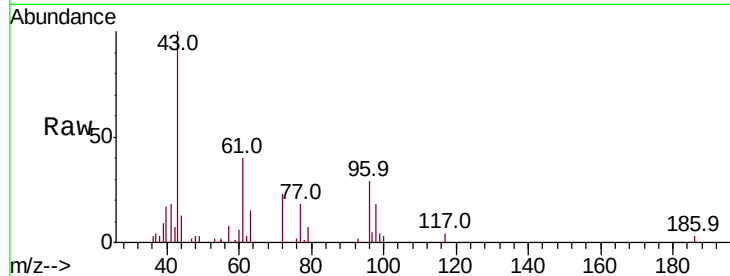
#25
2-Butanone
Concen: 4.350 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	43	Ratio	100	Resp	33613
Ion	43	100		Lower	Upper
	72	23.3		19.5	29.3

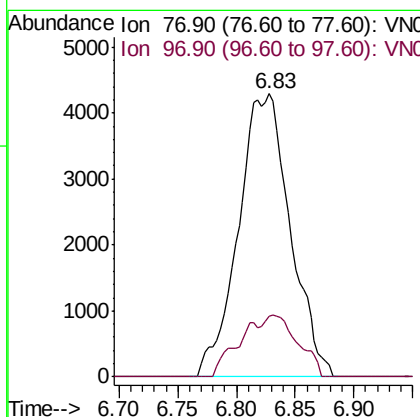
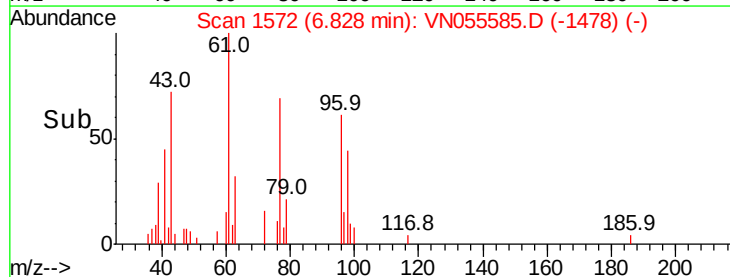
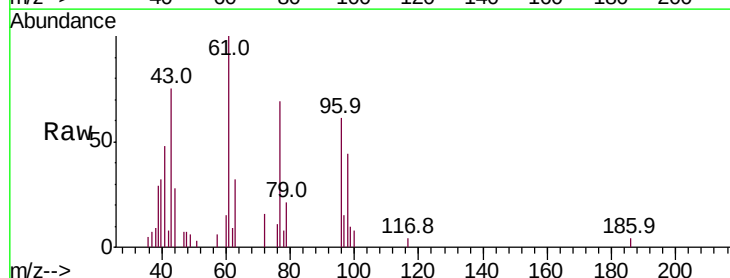
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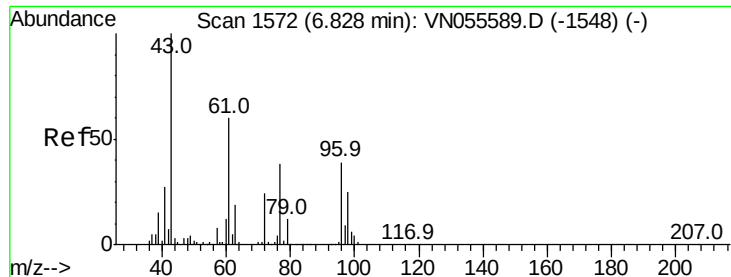
MMDadoda
5/16/2019 1:27:41 PM



#26
2,2-Dichloropropane
Concen: 1.047 ug/l m
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion	77	Ratio	100	Resp	13132
Ion	77	100		Lower	Upper
	97	9.1		11.7	35.1#





#27

cis-1,2-Dichloroethene

Concen: 1.080 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.01 min

Lab File: VN055585.D

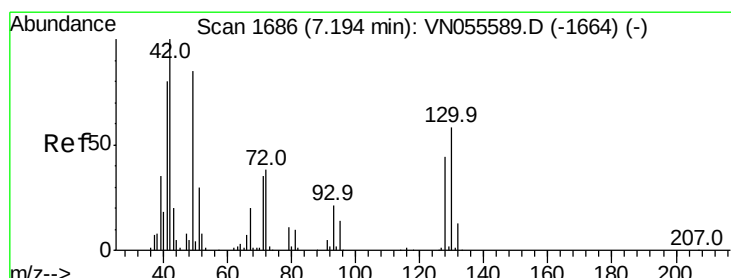
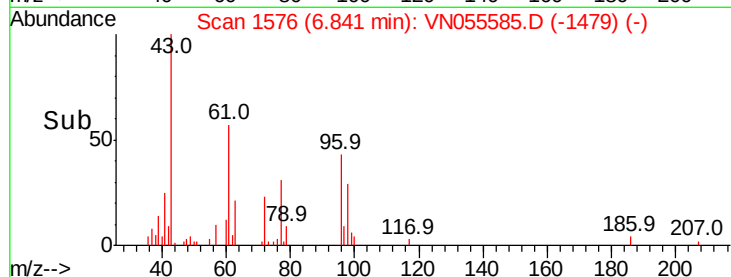
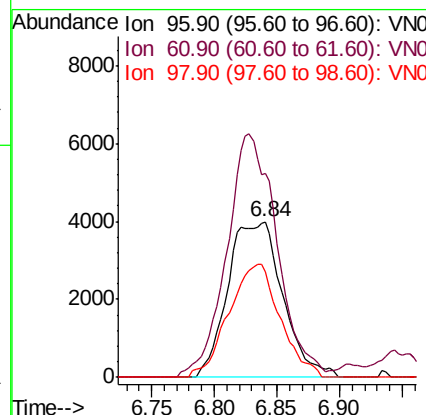
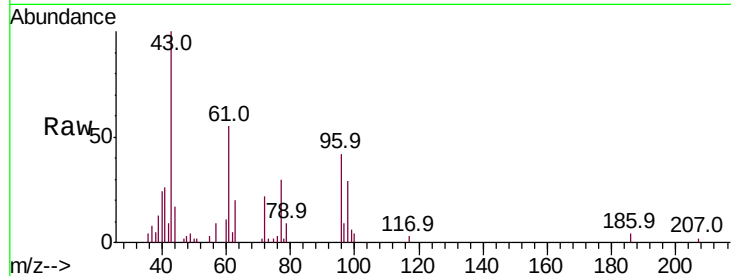
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	305.0
98	67.9	0.0	128.2

Manual Integrations
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5/16/2019 1:27:41 PM



#28

Bromochloromethane

Concen: 0.944 ug/l

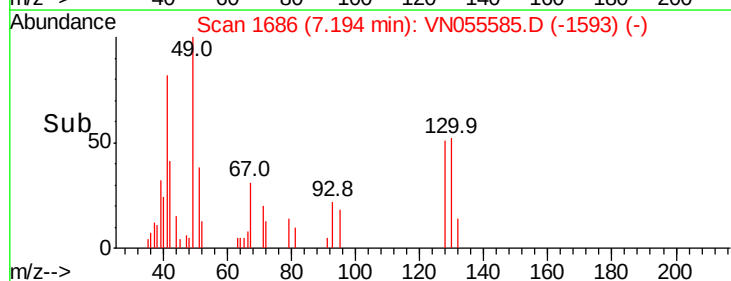
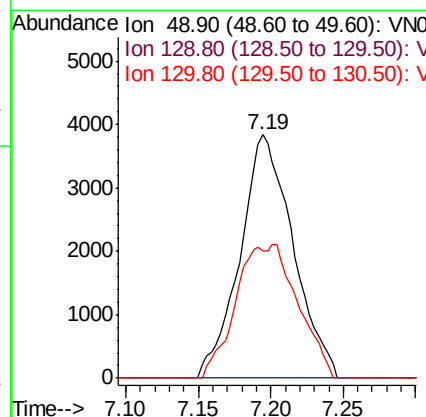
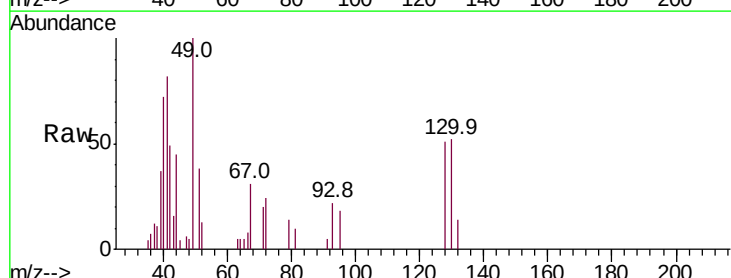
RT: 7.19 min Scan# 1686

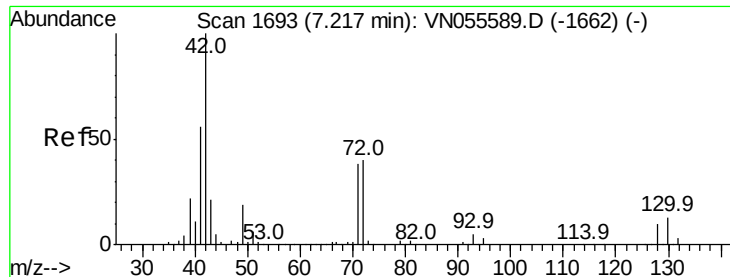
Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	34.2	52.4	78.6#





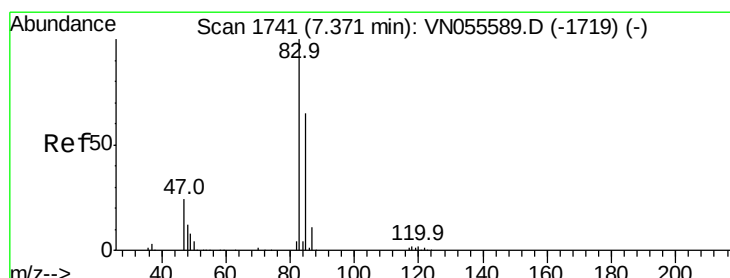
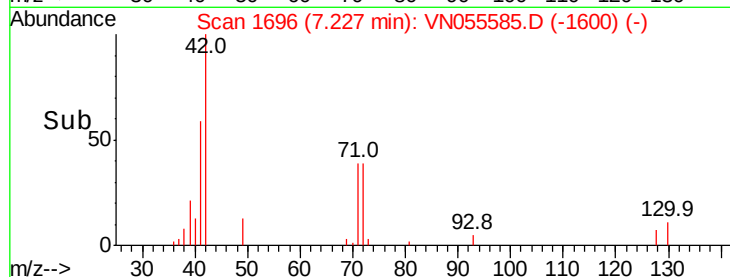
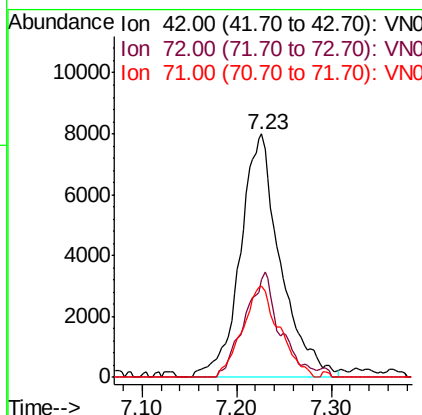
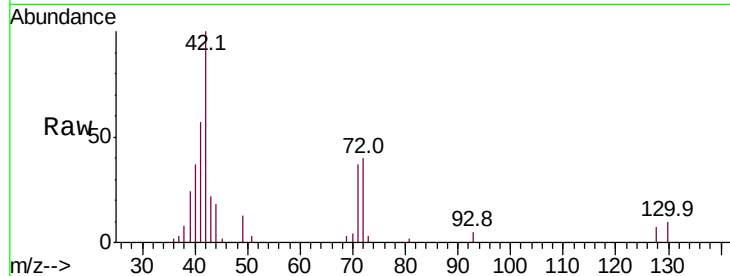
#29
Tetrahydrofuran
Concen: 4.591 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.9	31.4	47.2
71	34.5	29.9	44.9

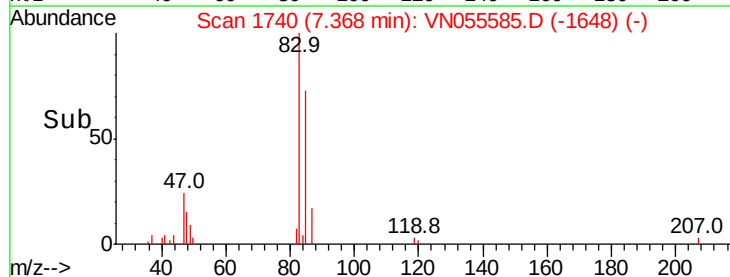
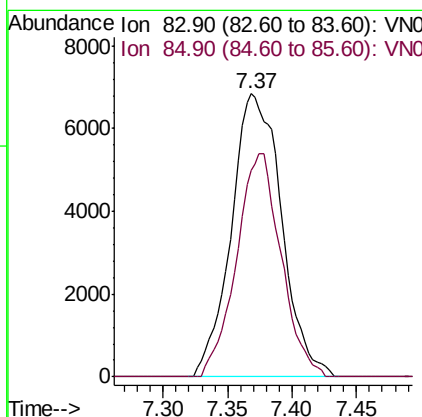
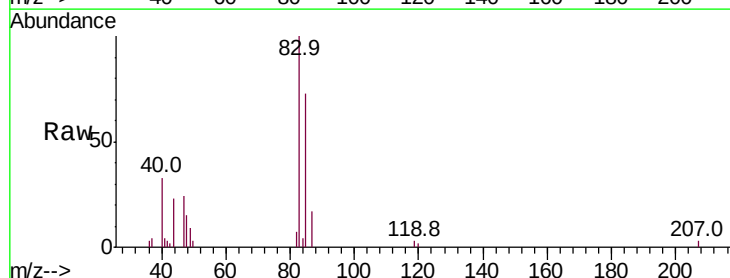
Manual Integrations
APPROVED

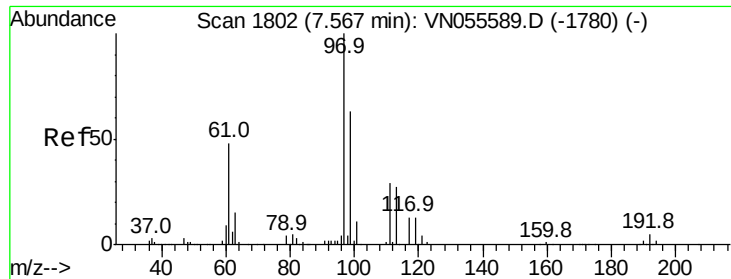
MMDadoda
5/16/2019 1:27:41 PM



#30
Chloroform
Concen: 0.998 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	73.0	51.9	77.9





#32

1,1,1-Trichloroethane

Concen: 0.976 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 13868

Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

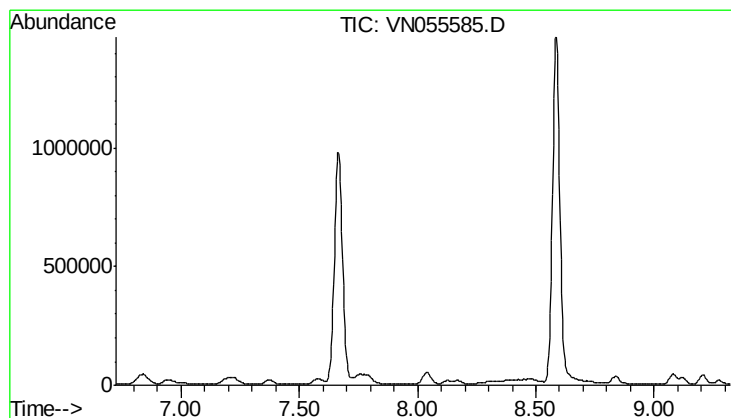
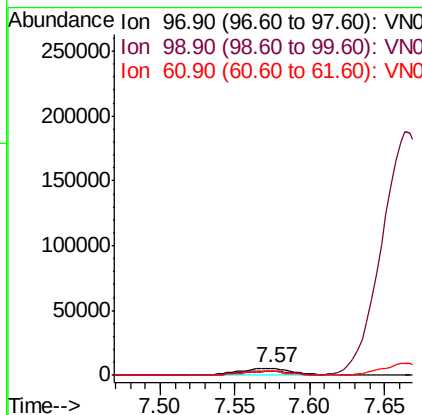
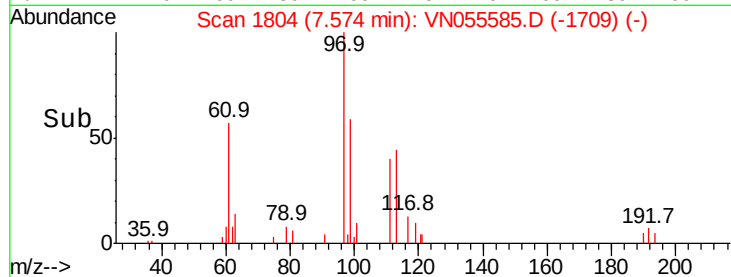
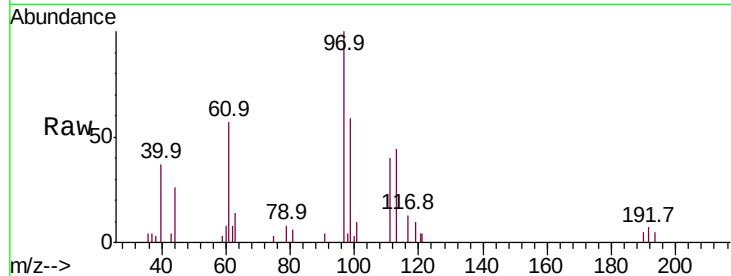
61 49.8 38.7 58.1

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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.02 min

Lab File: VN055585.D

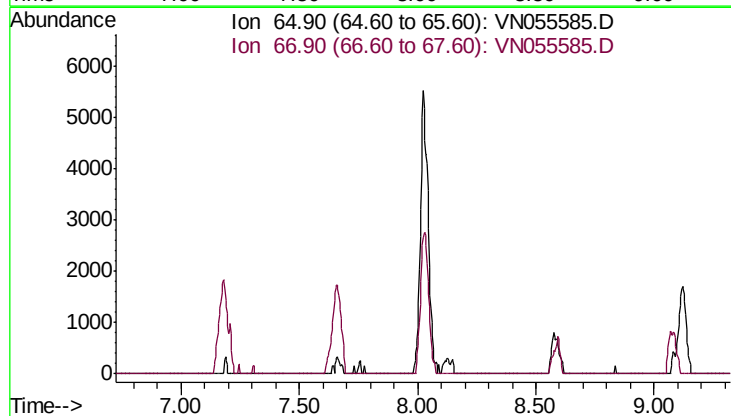
Acq: 14 May 2019 11:07

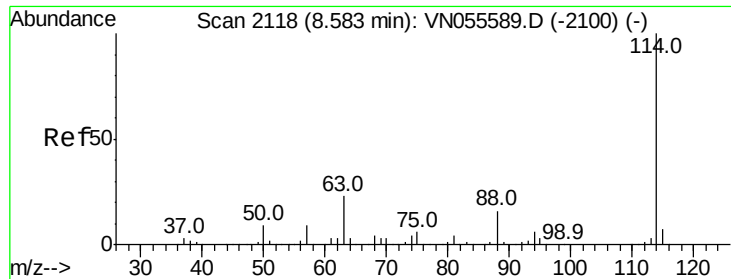
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.9





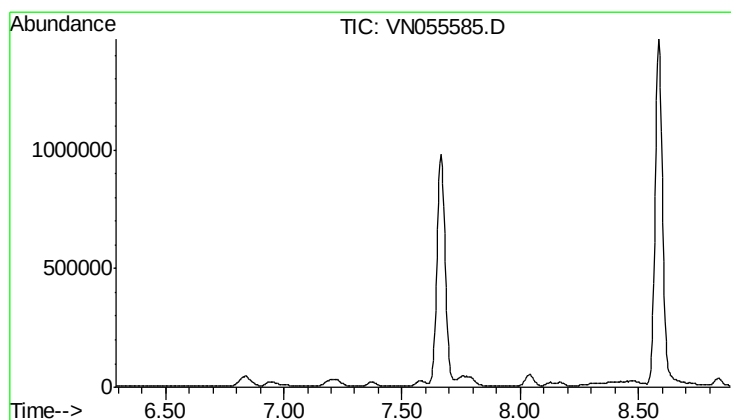
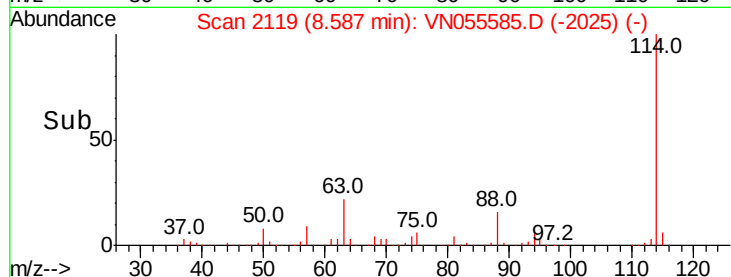
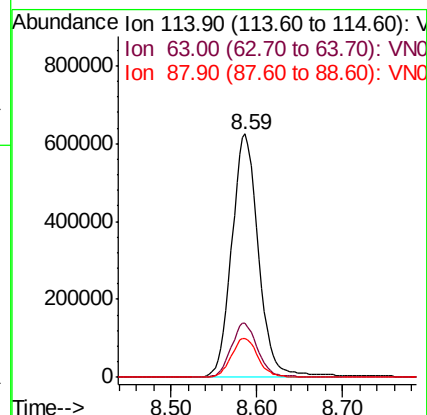
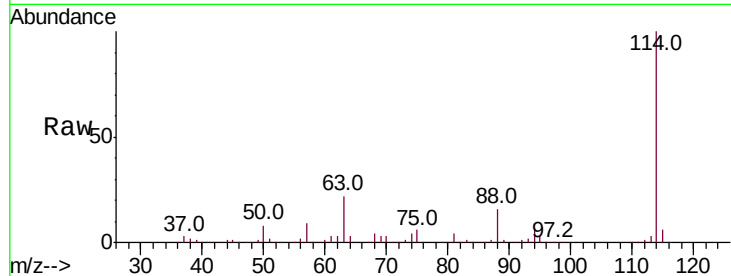
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.8
88	16.1	0.0	32.6

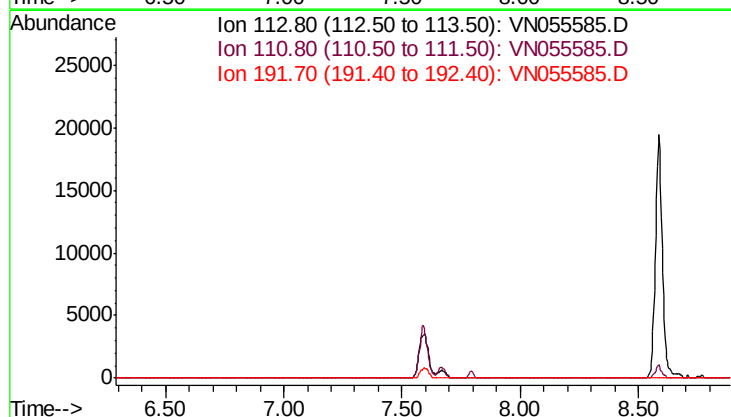
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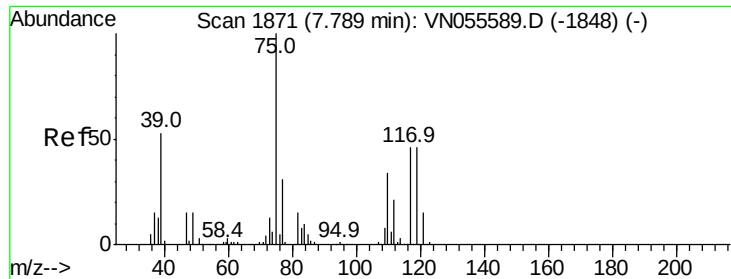
MMDadoda
 5/16/2019 1:27:41 PM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.59 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion	Exp Ratio
113	100
111	104.4
192	20.0





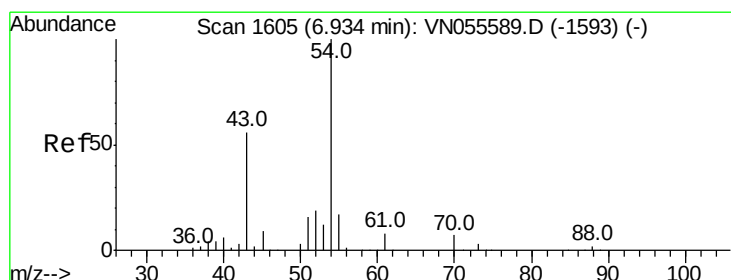
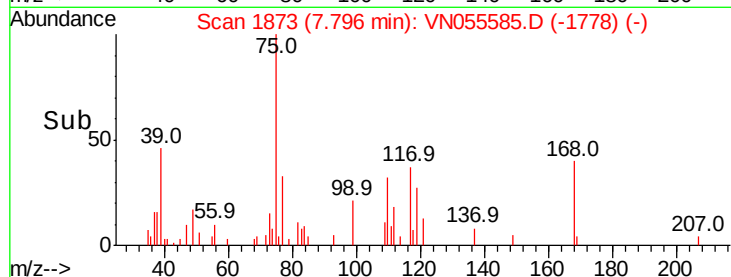
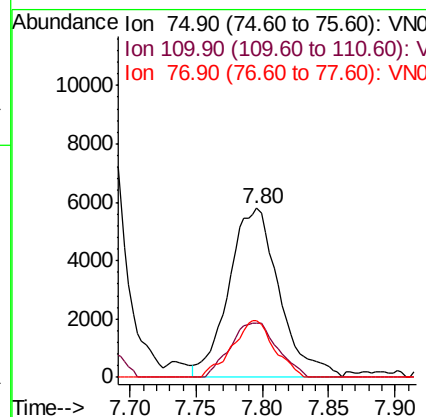
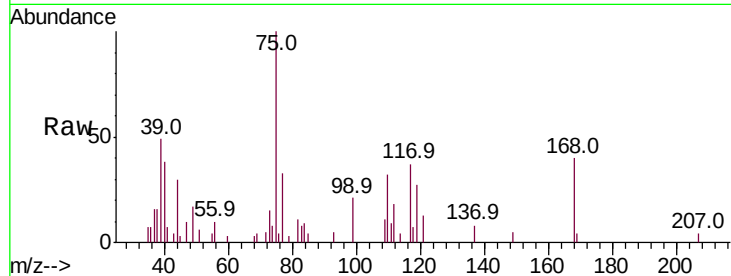
#36
 1,1-Dichloropropene
 Concen: 1.155 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.01 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	30.0	16.9	50.7
77	28.0	24.9	37.3

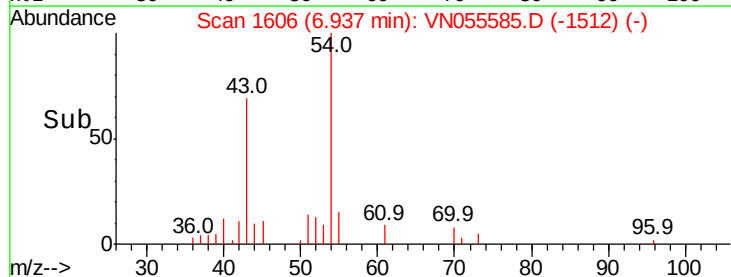
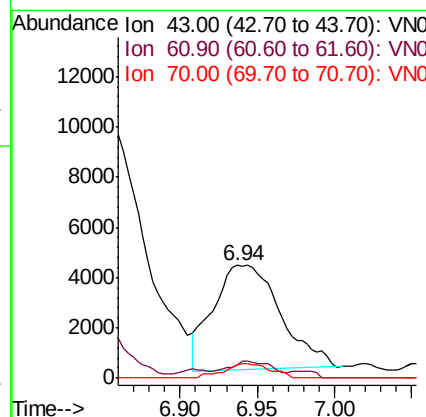
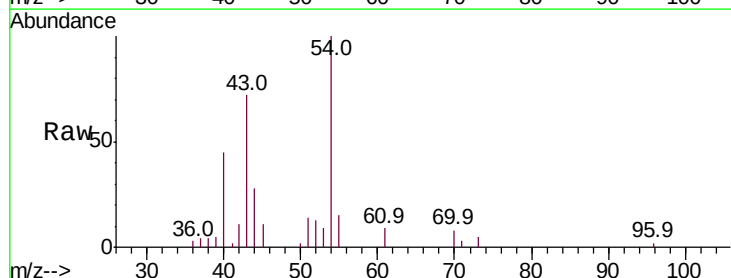
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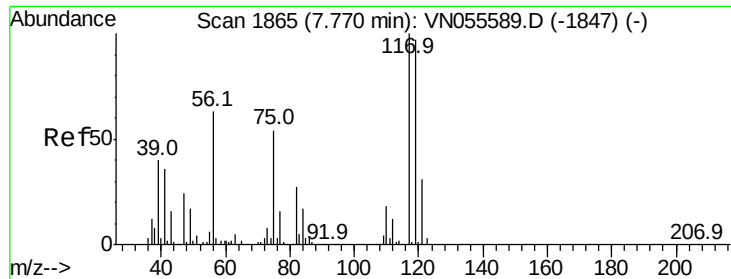
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#37
 Ethyl Acetate
 Concen: 0.895 ug/l
 RT: 6.94 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	10.7	10.8	16.2#
70	9.5	7.4	11.2





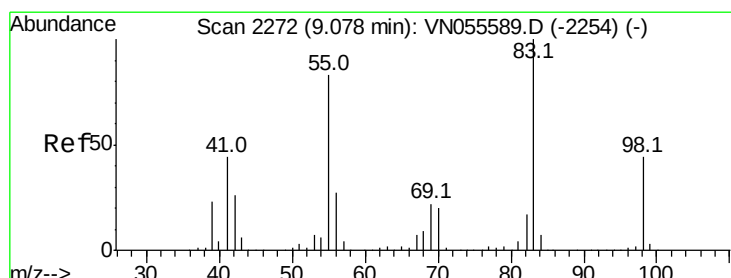
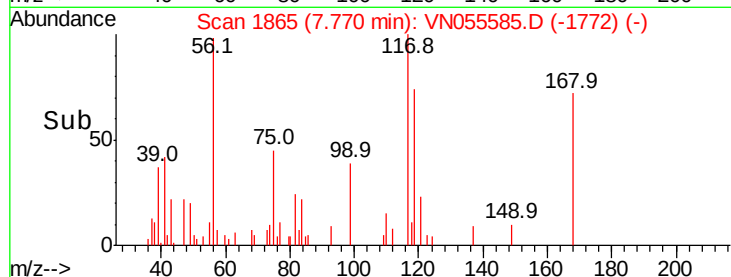
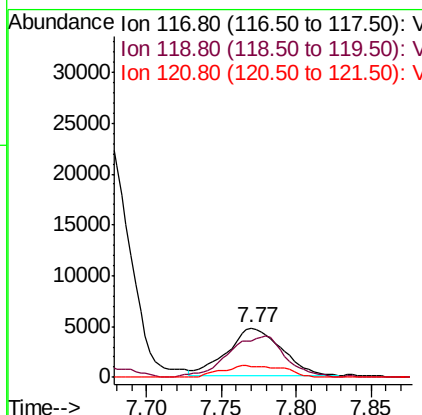
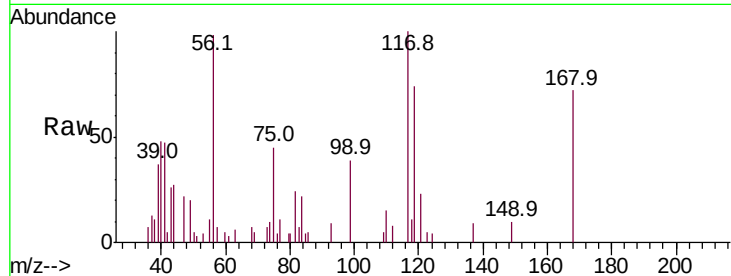
#38
Carbon Tetrachloride
Concen: 1.069 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	76.9	77.1	115.7#
121	23.7	24.4	36.6#

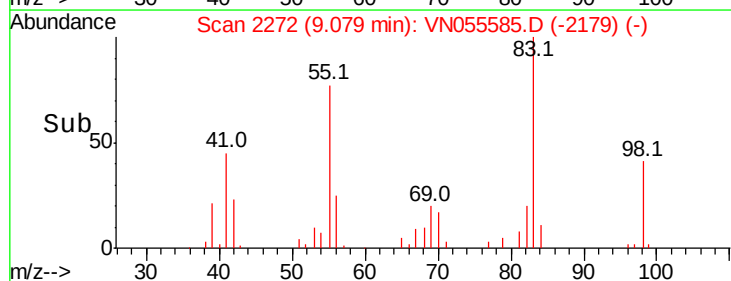
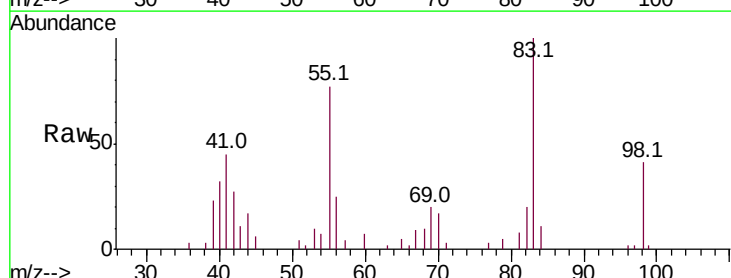
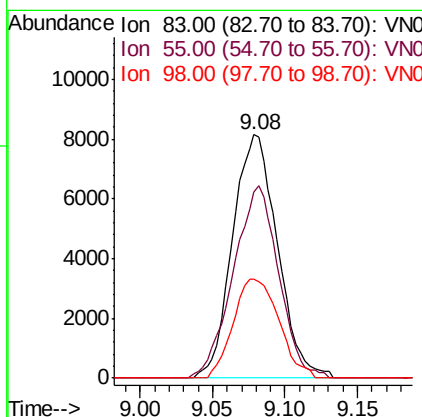
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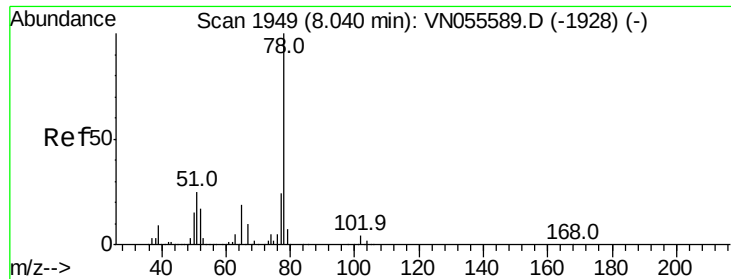
MMDadoda
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#39
Methylcyclohexane
Concen: 1.084 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.5	66.3	99.5
98	40.7	34.8	52.2





#40

Benzene

Concen: 1.048 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 43104

Ion Ratio Lower Upper

78 100

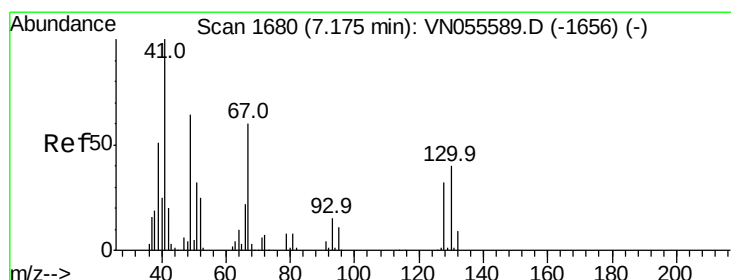
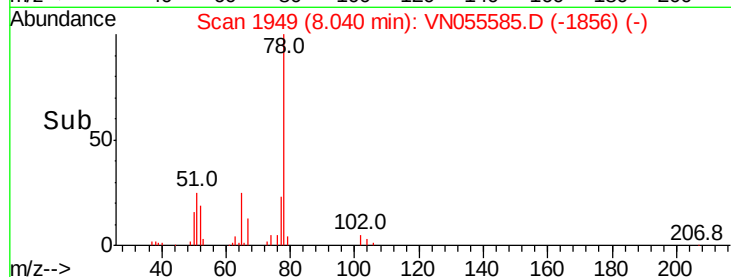
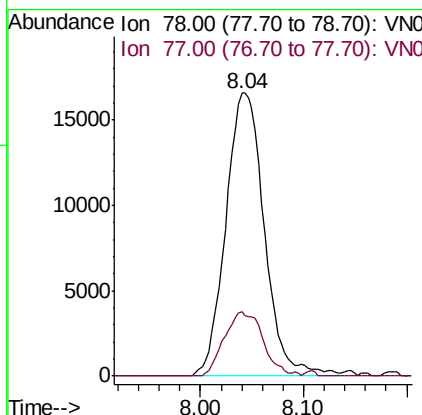
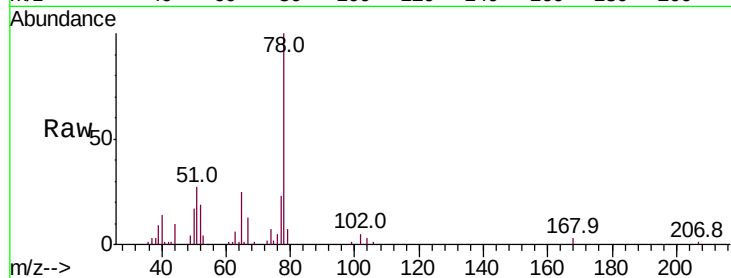
77 22.7 18.9 28.3

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#41

Methacrylonitrile

Concen: 0.681 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Tgt Ion: 41 Resp: 4475

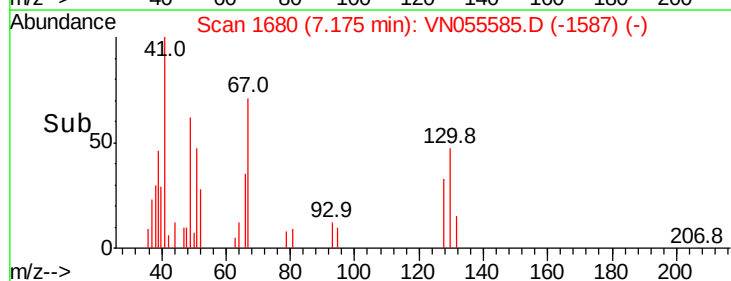
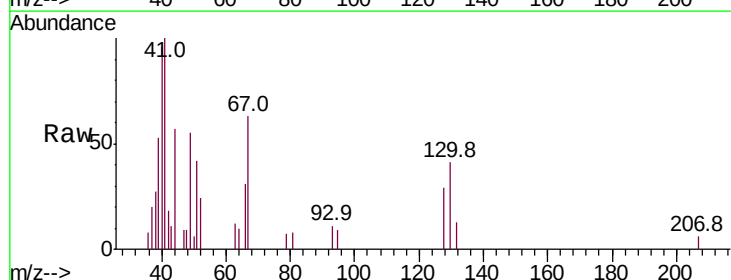
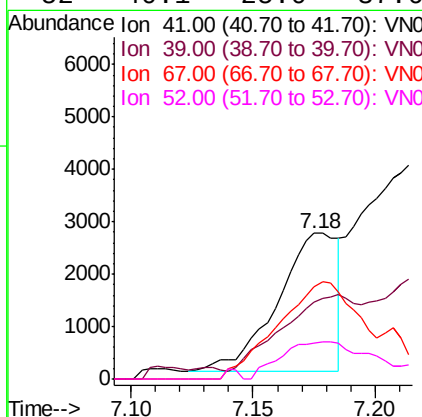
Ion Ratio Lower Upper

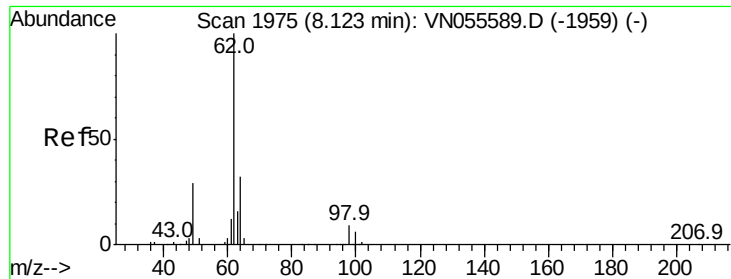
41 100

39 69.1 44.1 66.1#

67 94.5 63.4 95.0

52 40.1 25.0 37.6#





#42

1,2-Dichloroethane

Concen: 1.046 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 15059

Ion Ratio Lower Upper

62 100

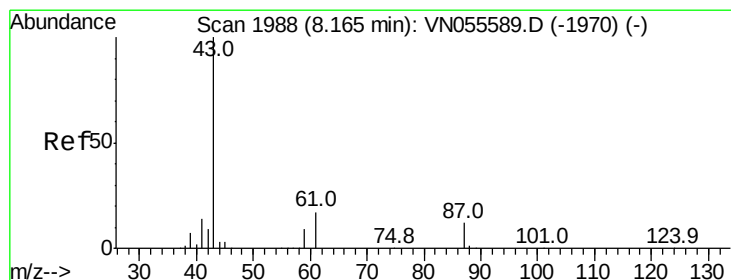
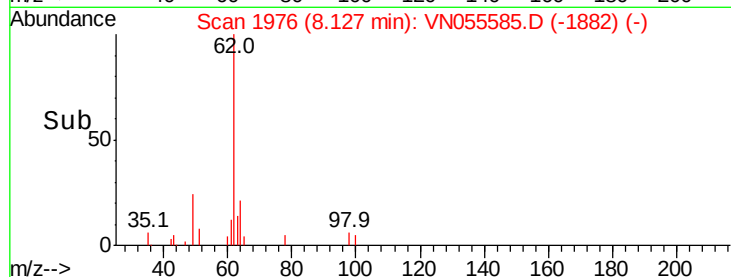
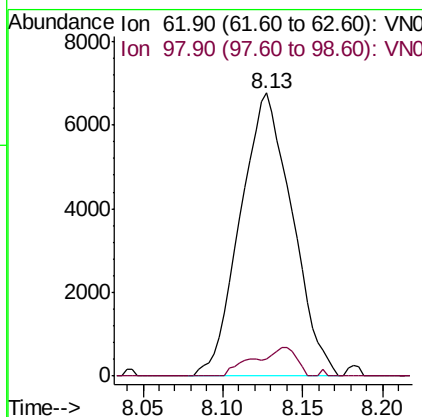
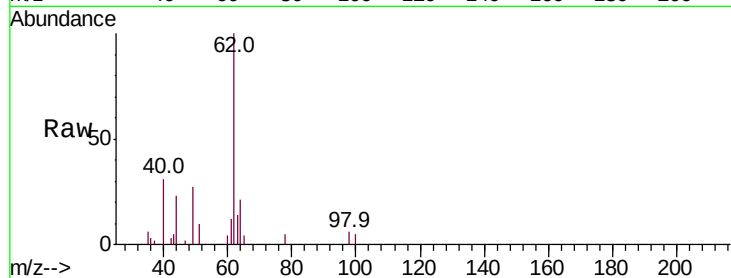
98 5.2 0.0 18.0

Manual Integrations

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#43

Isopropyl Acetate

Concen: 0.952 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

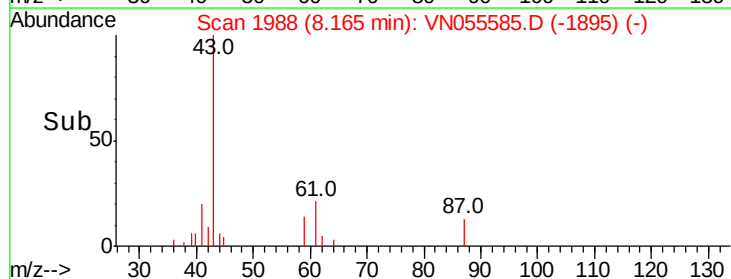
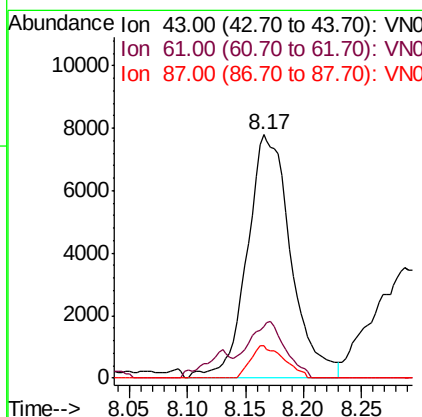
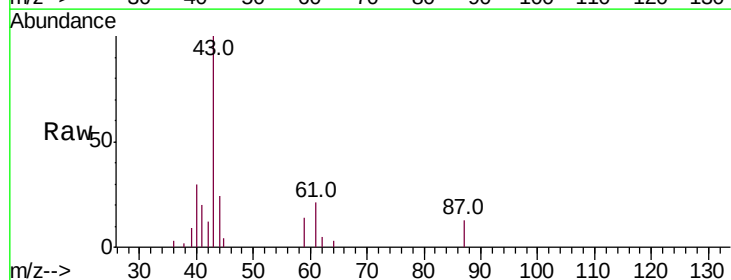
Tgt Ion: 43 Resp: 20458

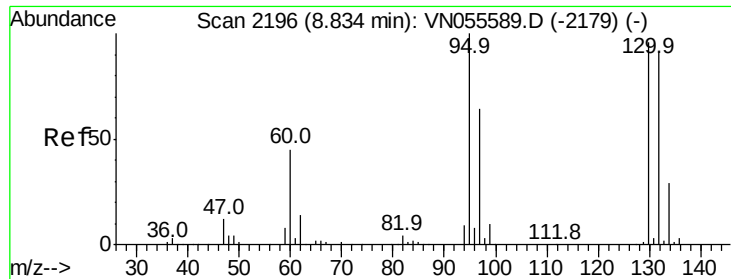
Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

87 10.1 9.6 14.4





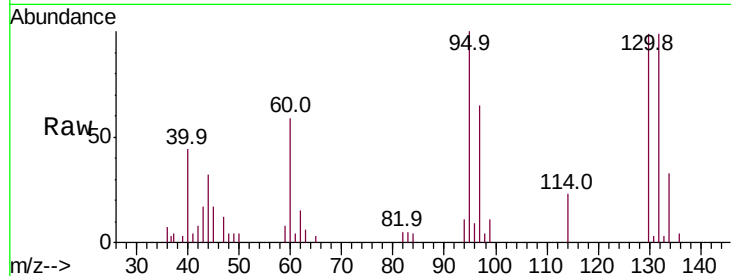
#44
 Trichloroethene
 Concen: 1.047 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

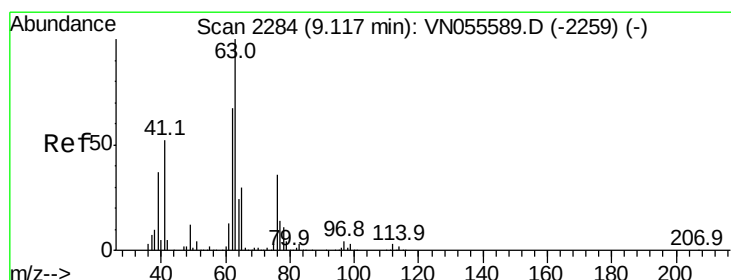
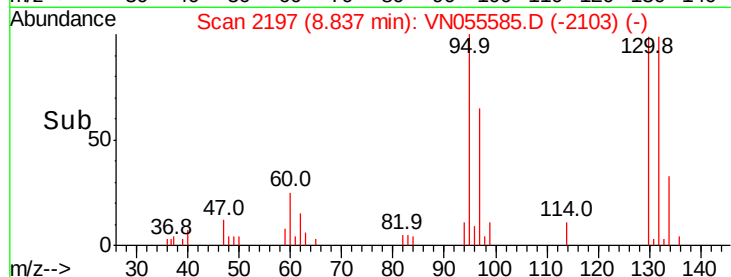
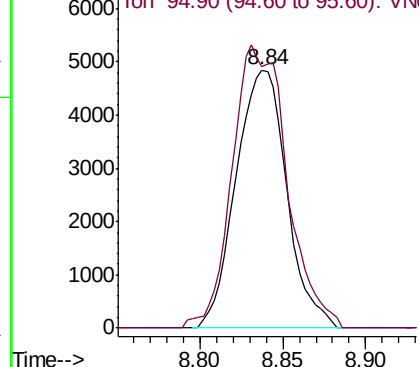
Tot Ion:130 Resp: 10319
 Ion Ratio Lower Upper
 130 100
 95 101.3 0.0 208.6

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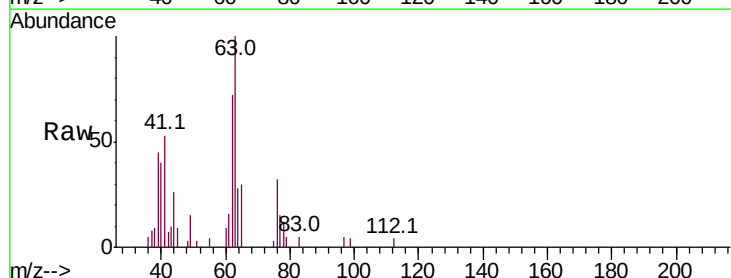


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN

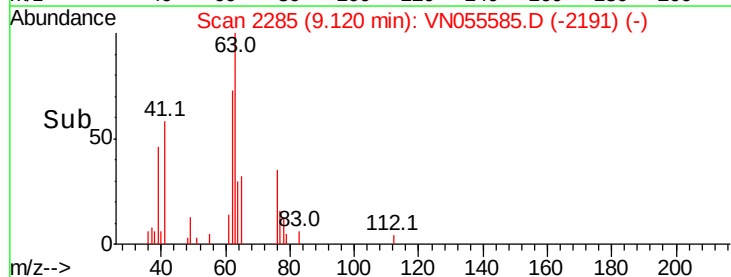
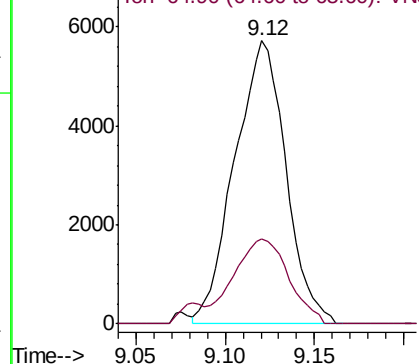


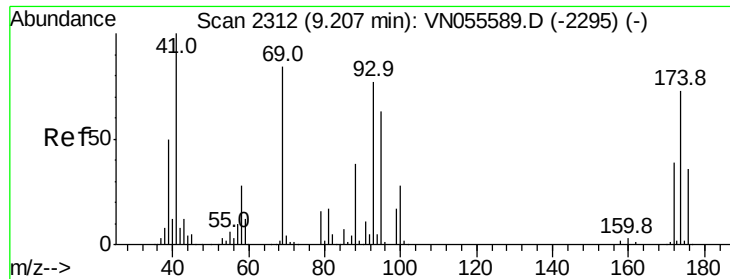
#45
 1,2-Dichloropropane
 Concen: 0.974 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion: 63 Resp: 11445
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.1 36.1



Abundance Ion 62.90 (62.60 to 63.60): VN
 Ion 64.90 (64.60 to 65.60): VN





#46

Dibromomethane

Concen: 1.084 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 93 Resp: 7372

Ion Ratio Lower Upper

93 100

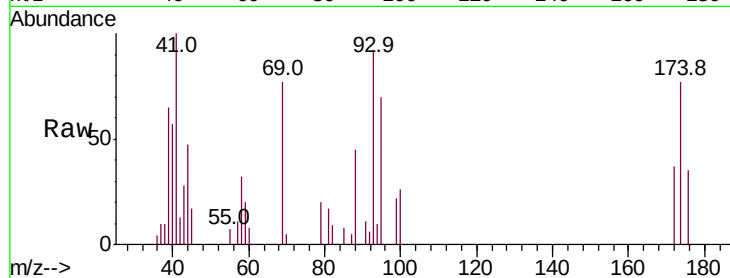
95 85.4 66.6 100.0

174 90.0 78.4 117.6

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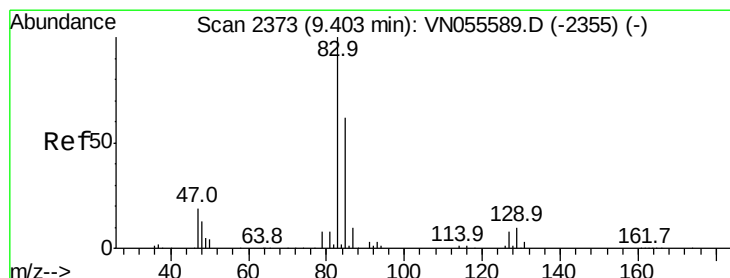
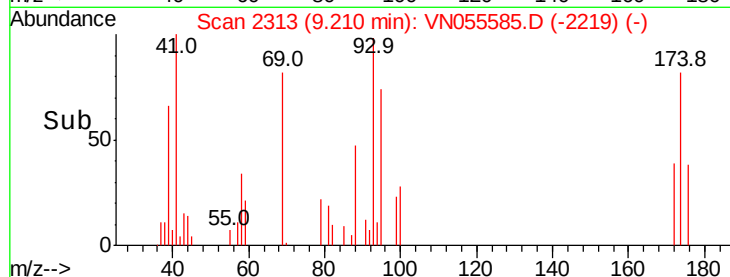
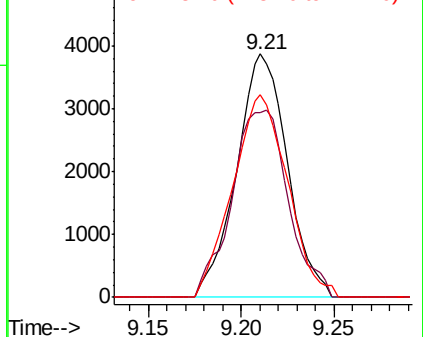
5/16/2019 1:27:41 PM



Abundance Ion 92.80 (92.50 to 93.50): VN055585.D (-2219) (-)

Ion 94.80 (94.50 to 95.50): VN055585.D (-2219) (-)

Ion 173.70 (173.40 to 174.40): VN055585.D (-2219) (-)



#47

Bromodichloromethane

Concen: 1.025 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

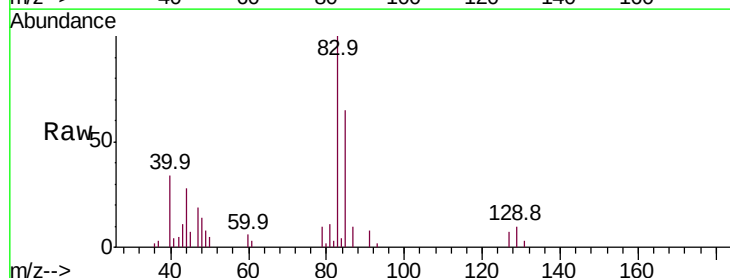
Tgt Ion: 83 Resp: 13397

Ion Ratio Lower Upper

83 100

85 65.3 49.6 74.4

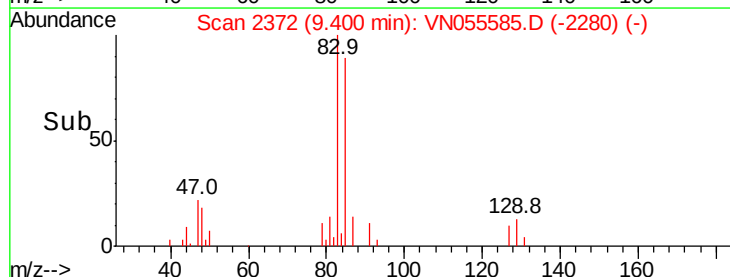
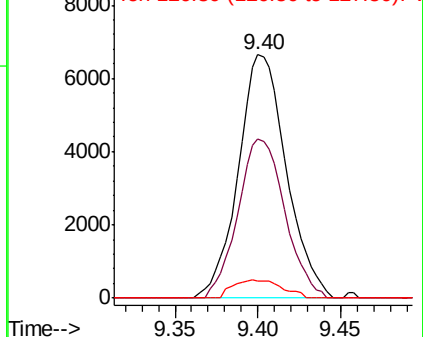
127 7.1 6.6 9.8

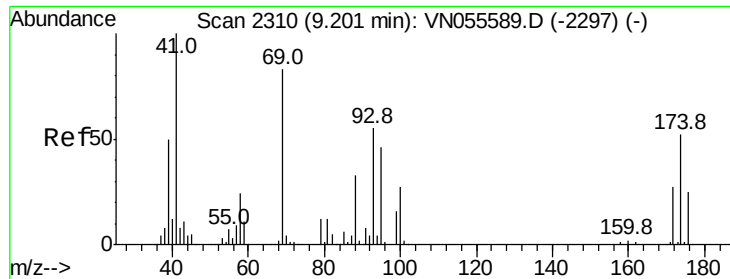


Abundance Ion 82.90 (82.60 to 83.60): VN055585.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055585.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055585.D (-2280) (-)





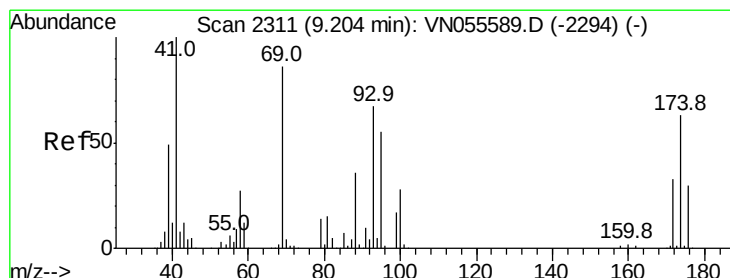
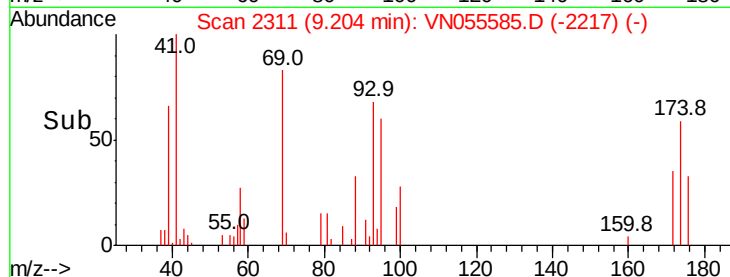
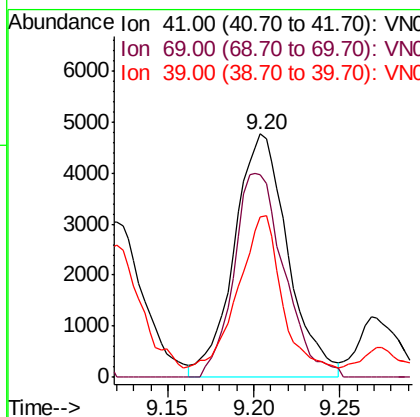
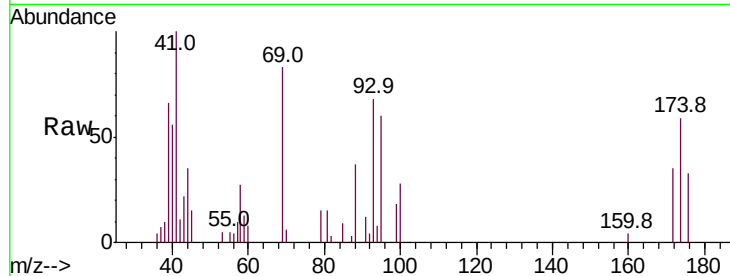
#48
Methvl methacrylate
Concen: 0.995 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	78.8	65.7	98.5
39	58.8	40.2	60.4

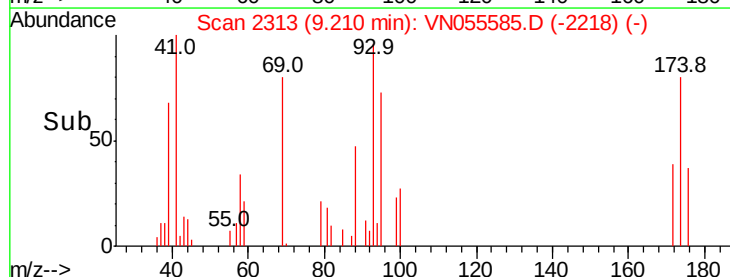
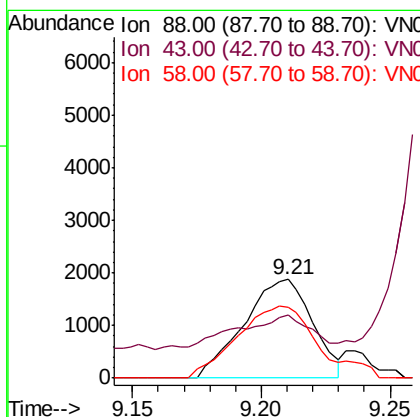
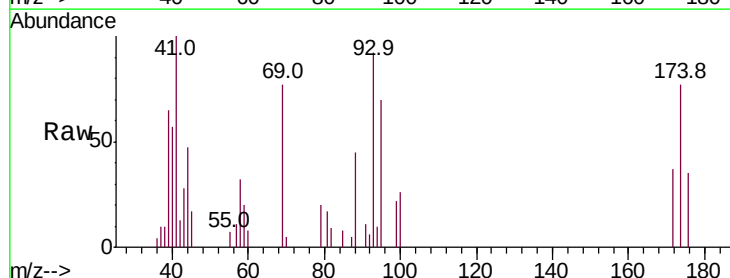
Manual Integrations
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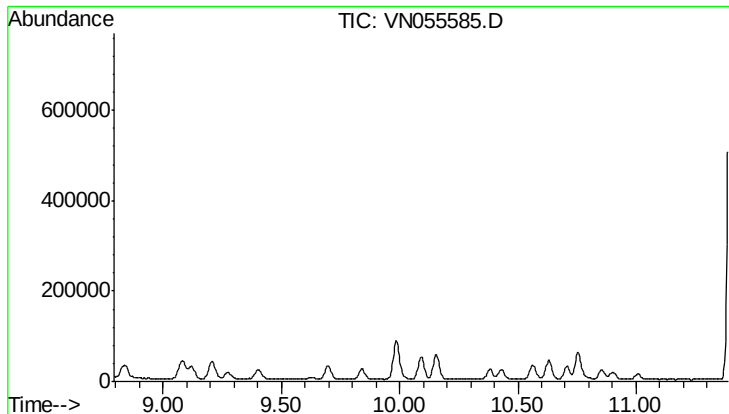
MMDadoda
5/16/2019 1:27:41 PM



#49
1,4-Dioxane
Concen: 17.306 ug/l
RT: 9.21 min Scan# 2313
Delta R.T. 0.01 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
88	100		
43	38.8	25.4	38.0#
58	85.6	59.4	89.2





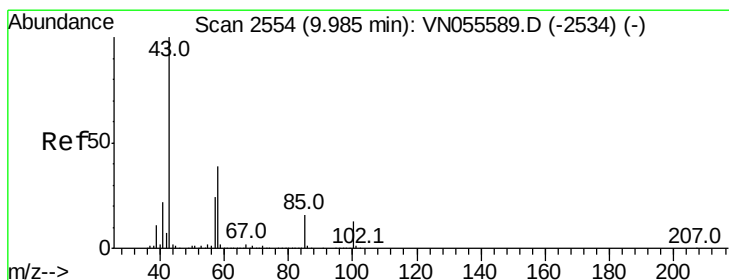
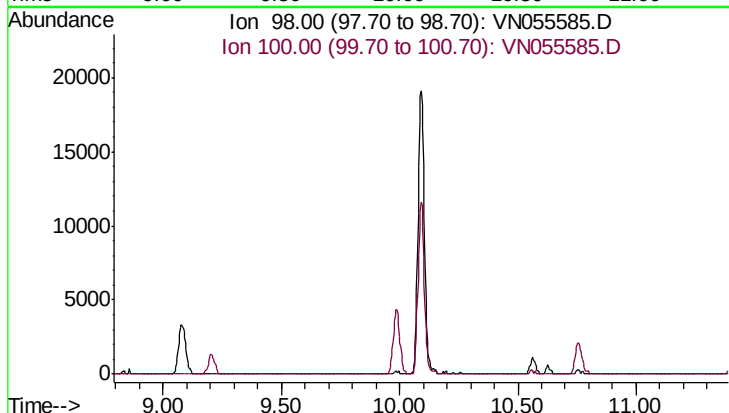
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.09 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.4

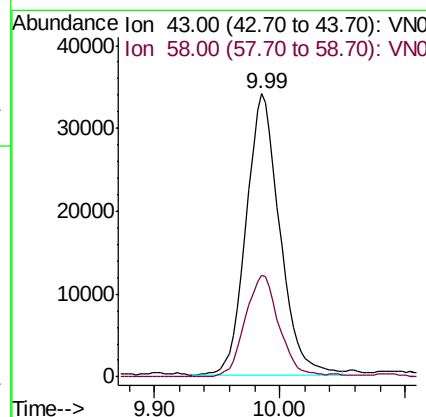
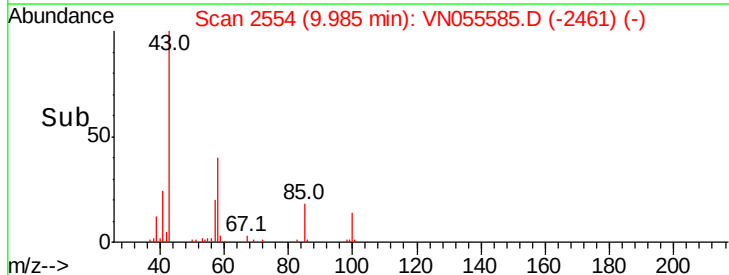
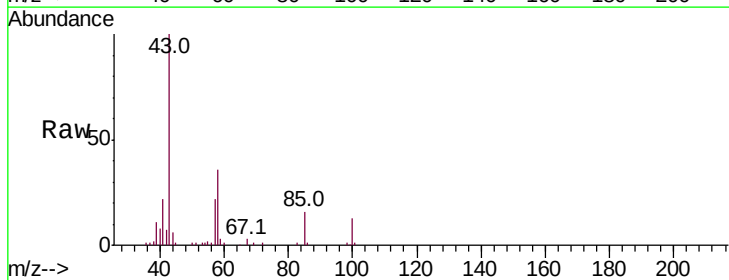
Manual Integrations
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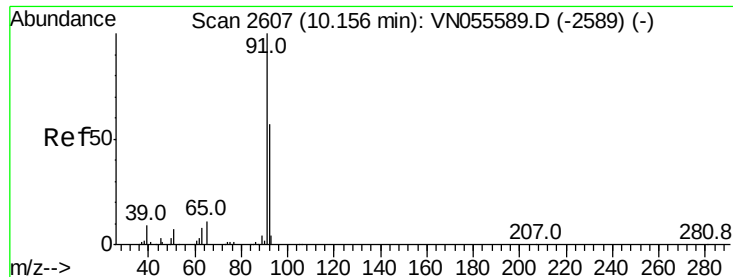
MMDadoda
5/16/2019 1:27:41 PM



#51
4-Methyl-2-Pentanone
Concen: 4.499 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion: 43 Resp: 63294
Ion Ratio Lower Upper
43 100
58 36.6 30.6 46.0





#52

Toluene

Concen: 1.033 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 24325

Ion Ratio Lower Upper

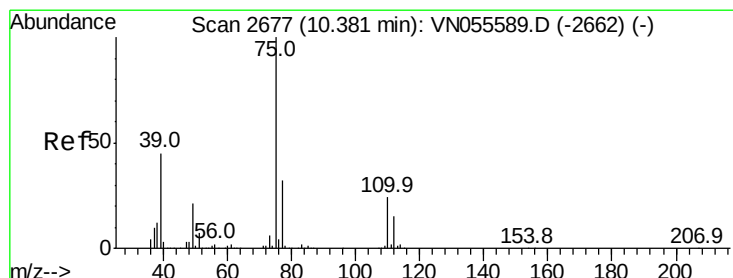
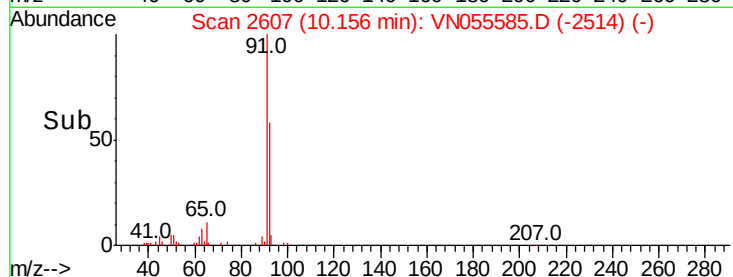
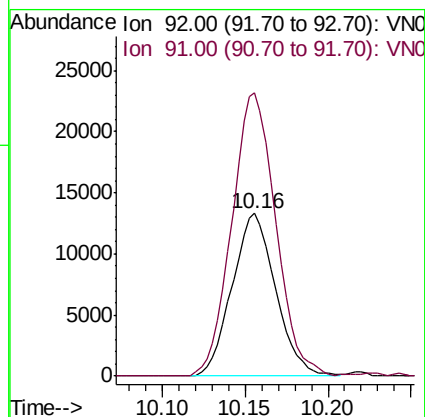
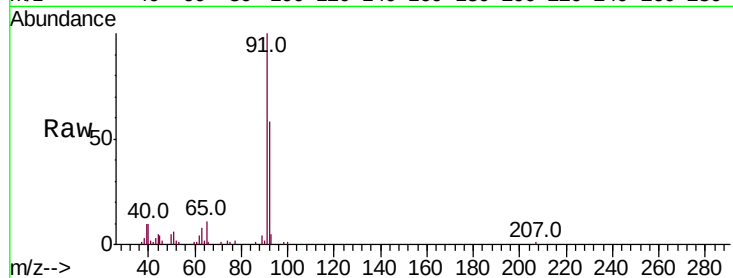
92 100

91 175.5 141.5 212.3

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#53

t-1,3-Dichloropropene

Concen: 0.966 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN055585.D

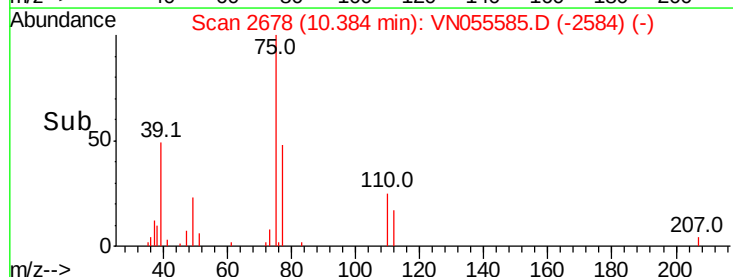
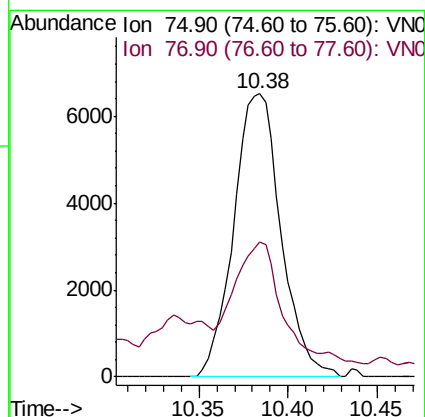
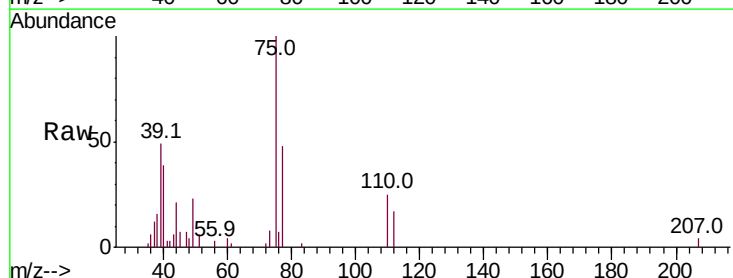
Acq: 14 May 2019 11:07

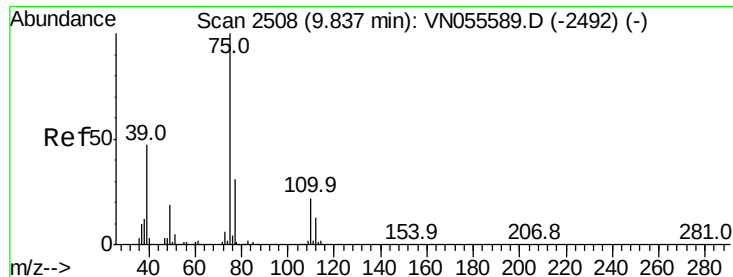
Tgt Ion: 75 Resp: 12069

Ion Ratio Lower Upper

75 100

77 41.3 25.5 38.3#





#54

cis-1,3-Dichloropropene

Concen: 0.921 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

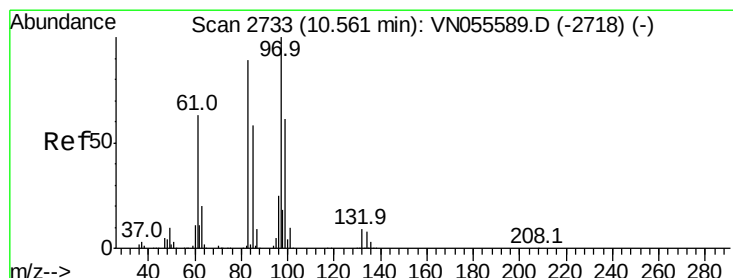
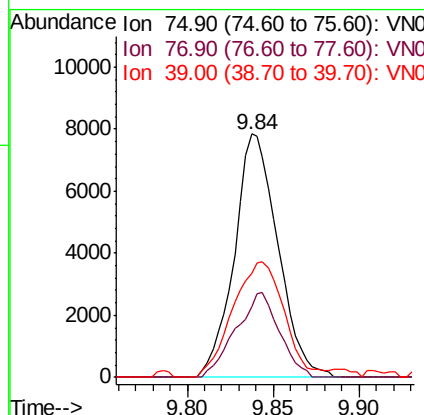
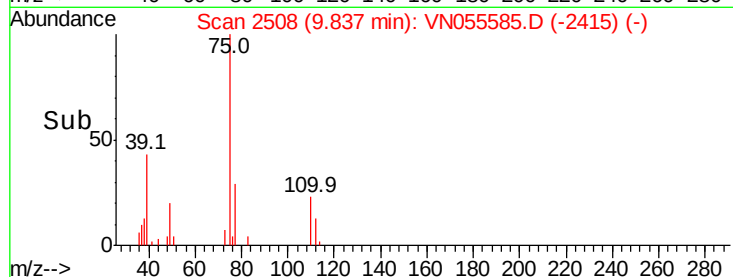
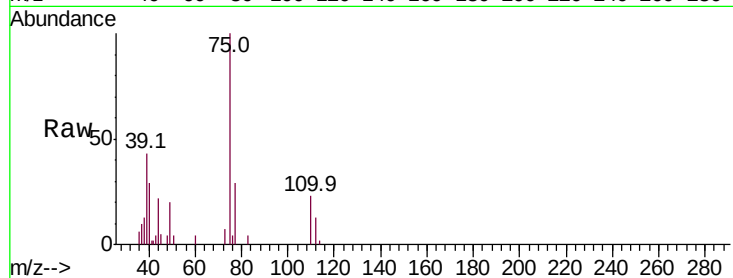
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	13790
Ion	Ratio	Lower	Upper
75	100		
77	29.2	24.5	36.7
39	42.9	37.7	56.5

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#55

1,1,2-Trichloroethane

Concen: 1.086 ug/l

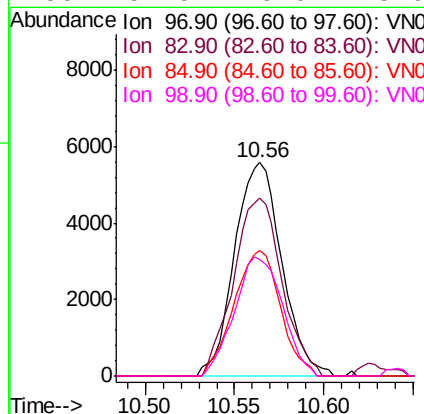
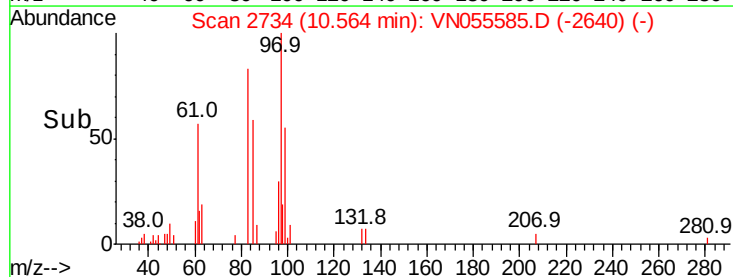
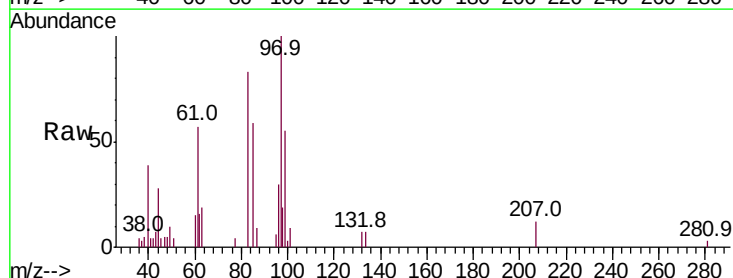
RT: 10.56 min Scan# 2734

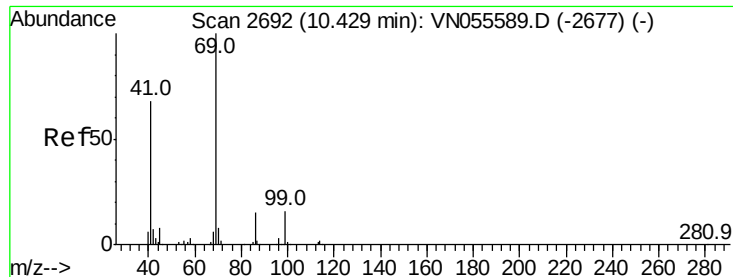
Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Tgt Ion:	97	Resp:	10334
Ion	Ratio	Lower	Upper
97	100		
83	83.1	71.5	107.3
85	58.5	46.2	69.4
99	54.5	49.0	73.6





#56

Ethyl methacrylate

Concen: 0.866 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

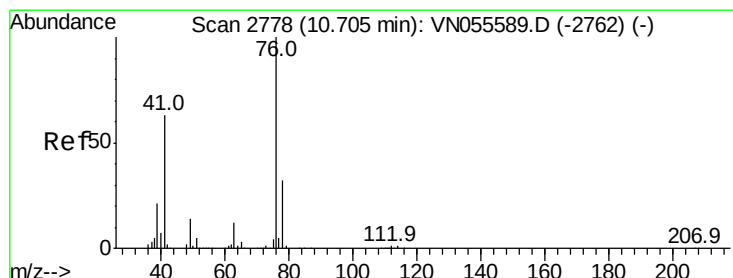
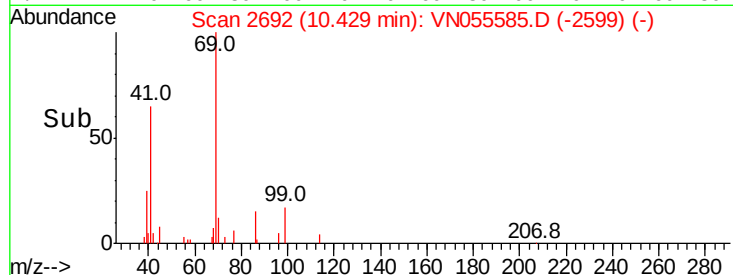
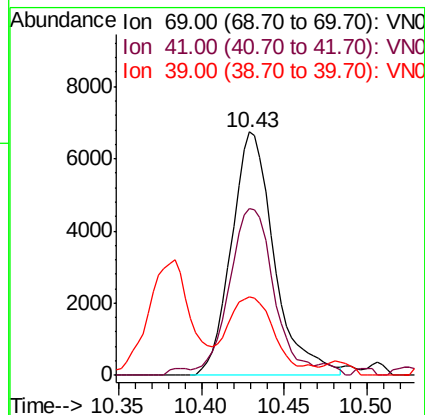
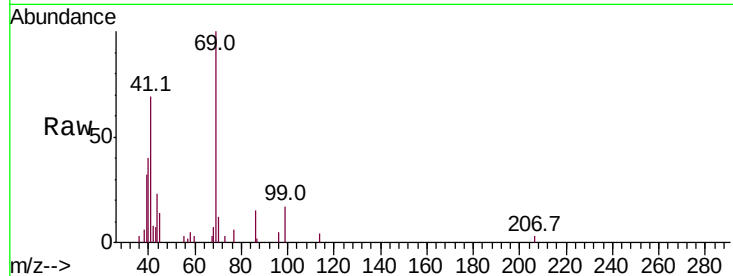
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	12138
Ion	Ratio	Lower	Upper
69	100		
41	66.9	54.6	82.0
39	35.0	25.5	38.3

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#57

1,3-Dichloropropane

Concen: 0.996 ug/l

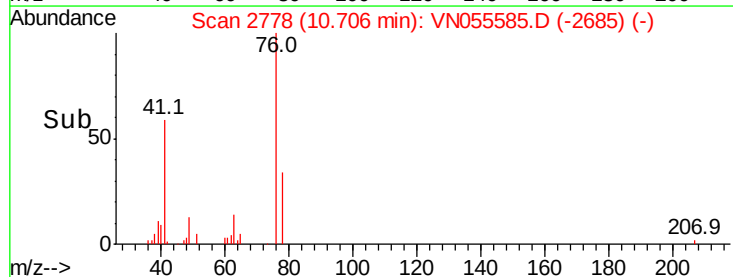
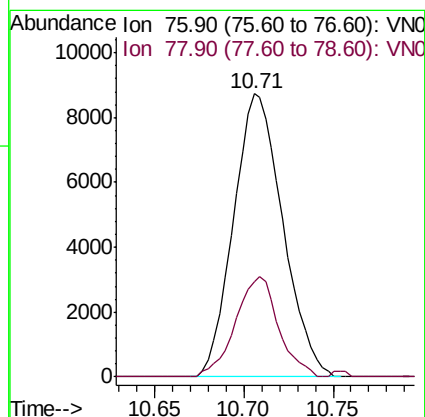
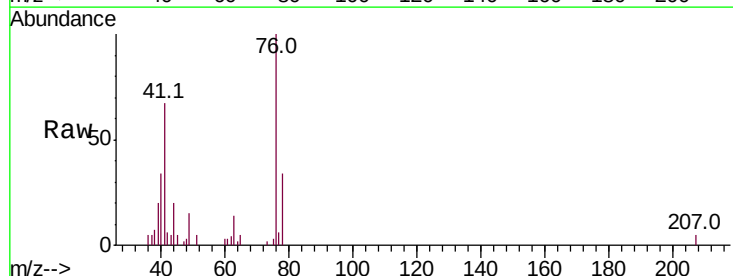
RT: 10.71 min Scan# 2778

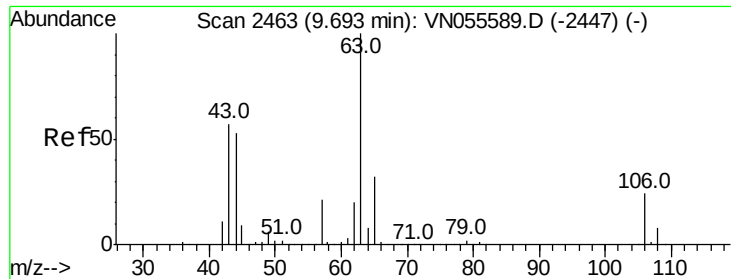
Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Tgt Ion:	76	Resp:	16779
Ion	Ratio	Lower	Upper
76	100		
78	31.0	25.6	38.4





#58

2-Chloroethyl Vinyl ether

Concen: 3.679 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 14209

Ion Ratio Lower Upper

63 100

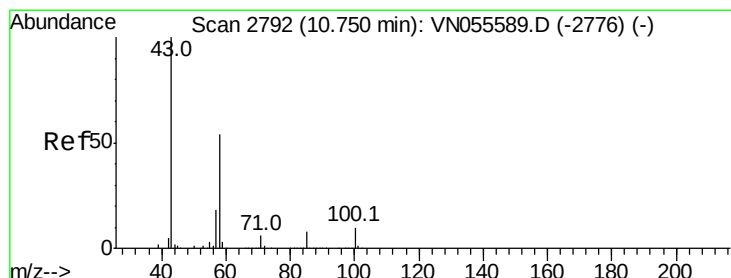
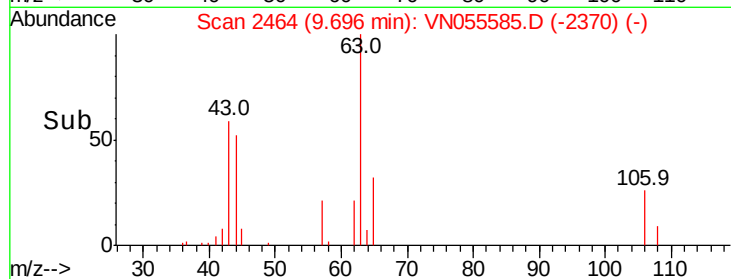
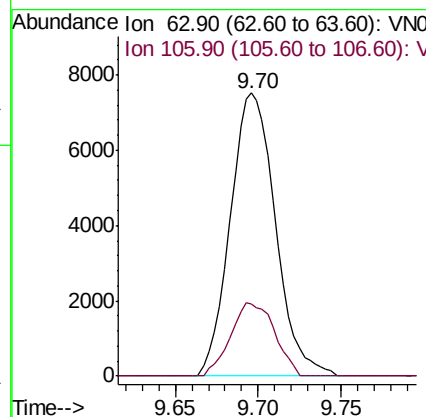
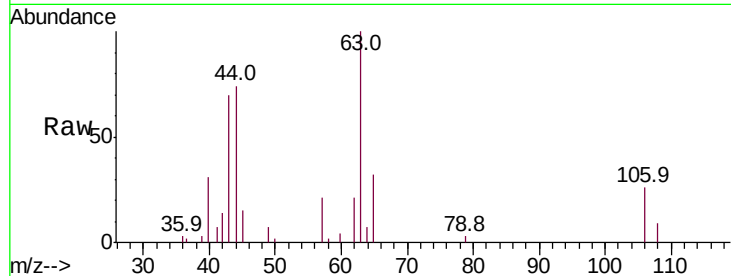
106 25.3 19.0 28.4

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#59

2-Hexanone

Concen: 4.363 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN055585.D

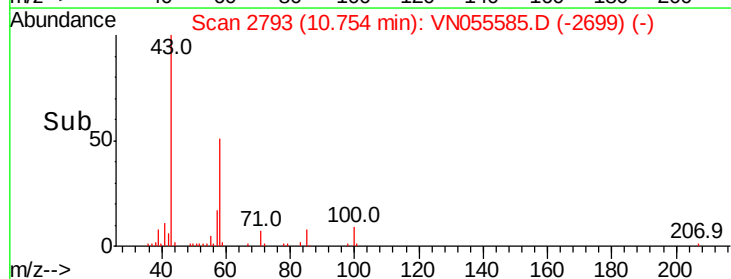
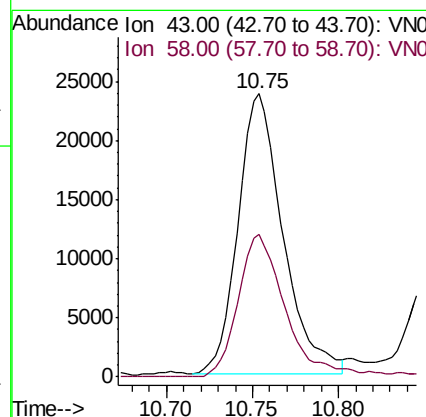
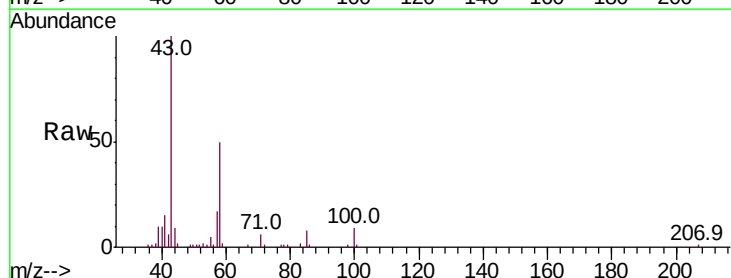
Acq: 14 May 2019 11:07

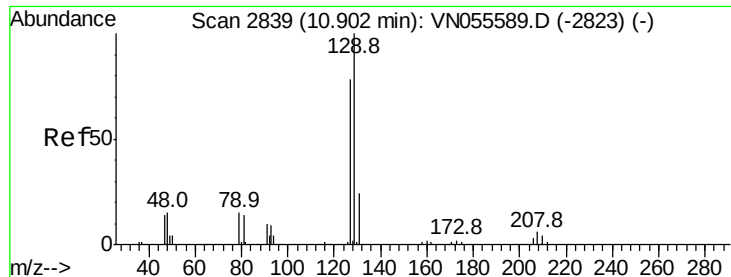
Tgt Ion: 43 Resp: 42984

Ion Ratio Lower Upper

43 100

58 53.4 27.0 80.8





#60

Dibromochloromethane

Concen: 0.948 ug/l

RT: 10.90 min Scan# 2839

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:129 Resp: 8207

Ion Ratio Lower Upper

129 100

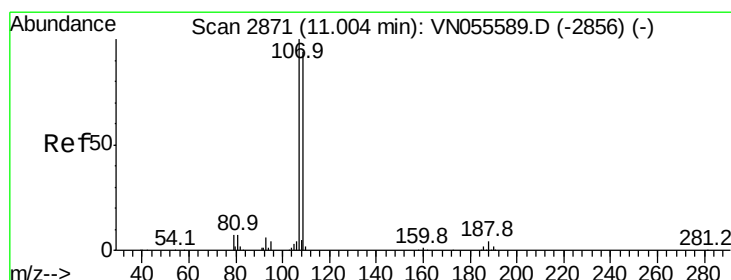
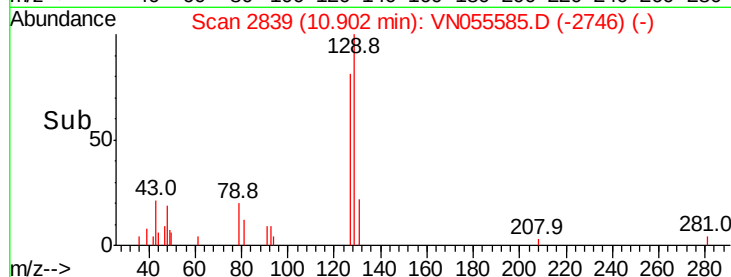
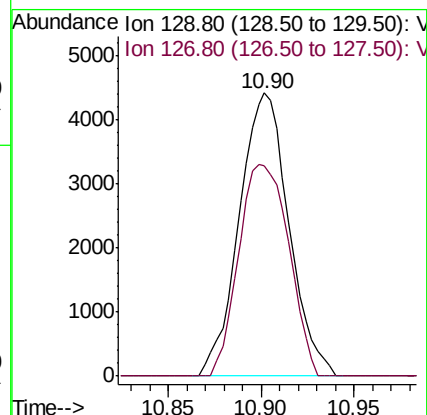
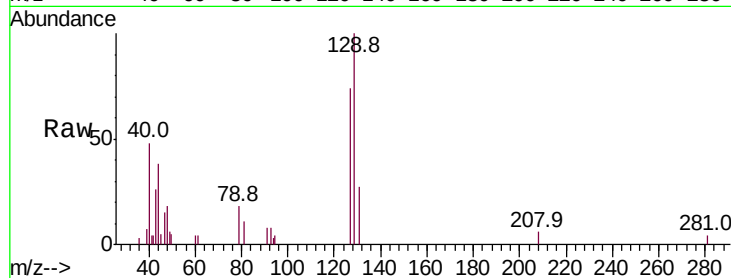
127 75.4 39.1 117.2

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#61

1,2-Dibromoethane

Concen: 0.961 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN055585.D

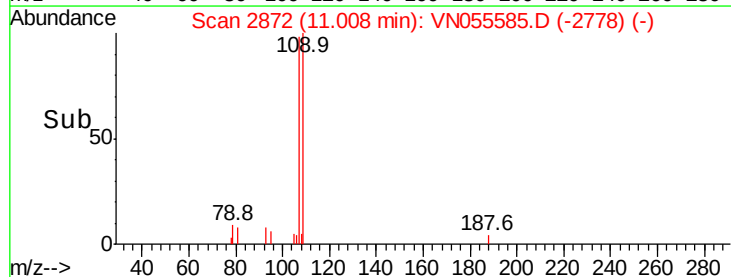
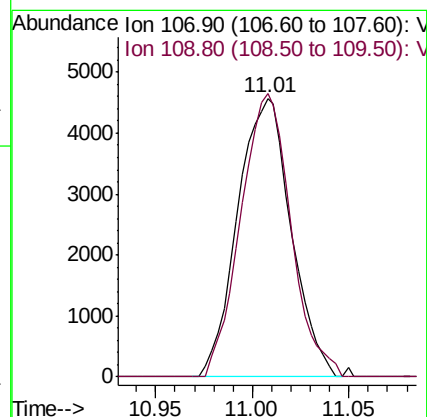
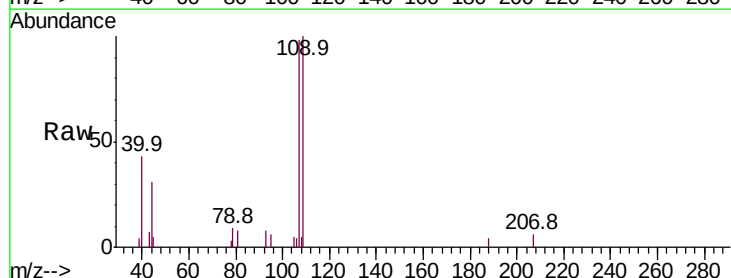
Acq: 14 May 2019 11:07

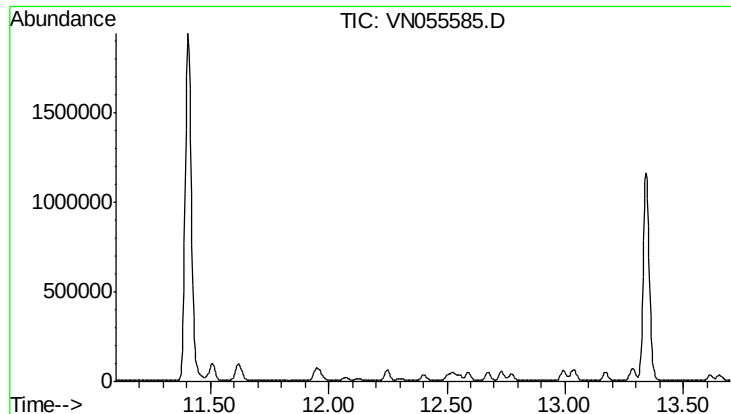
Tgt Ion:107 Resp: 8769

Ion Ratio Lower Upper

107 100

109 95.7 75.8 113.8





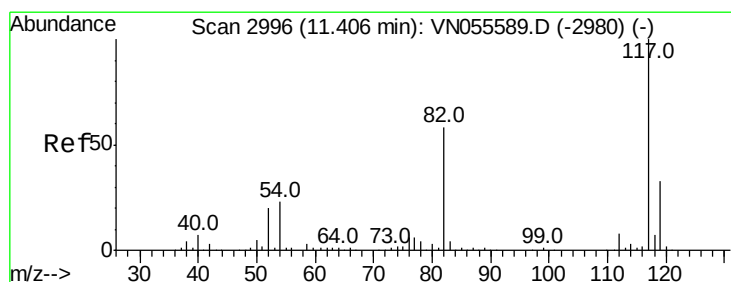
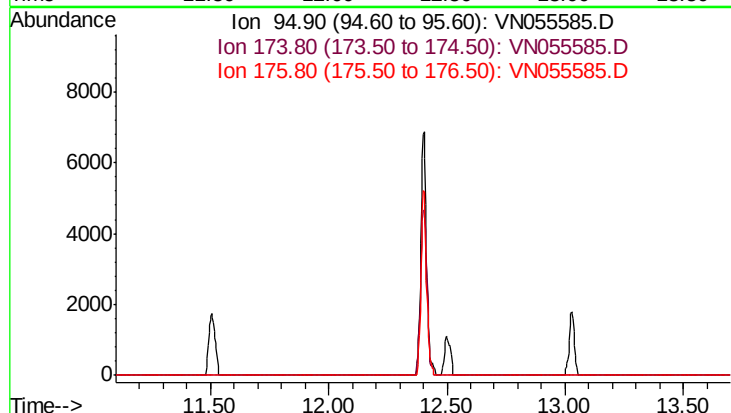
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.40 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	79.2
176	76.7

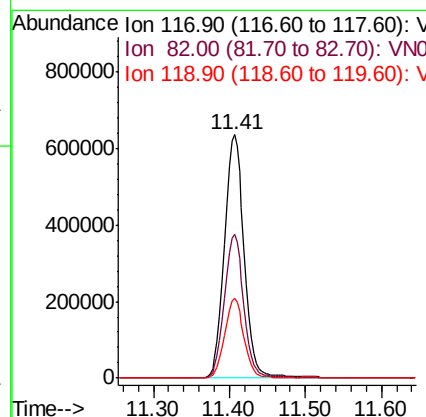
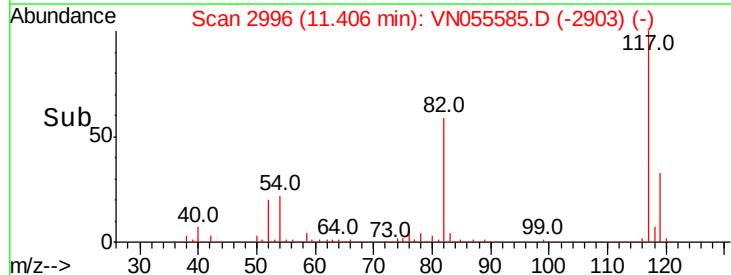
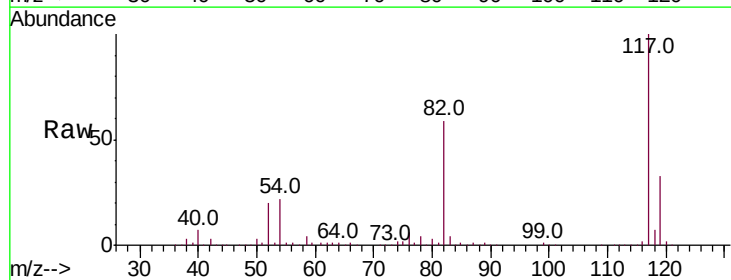
Manual Integrations
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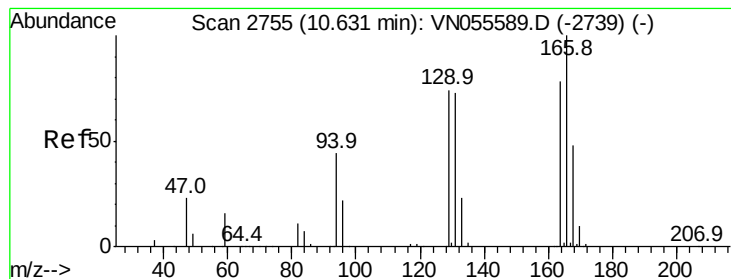
MMDadoda
 5/16/2019 1:27:41 PM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion	117	Resp	1152822
Ion Ratio	Lower	Upper	
117	100		
82	58.8	46.7	70.1
119	32.7	26.0	39.0





#64

Tetrachloroethene

Concen: 1.020 ug/l

RT: 10.63 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:164 Resp: 9610

Ion Ratio Lower Upper

164 100

166 136.8 102.1 153.1

129 87.2 75.8 113.8

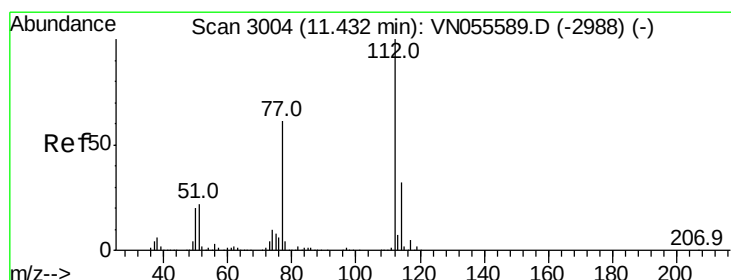
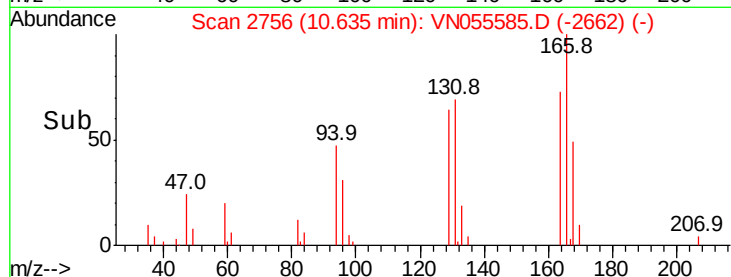
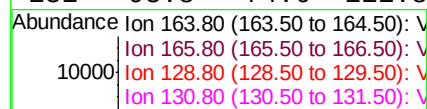
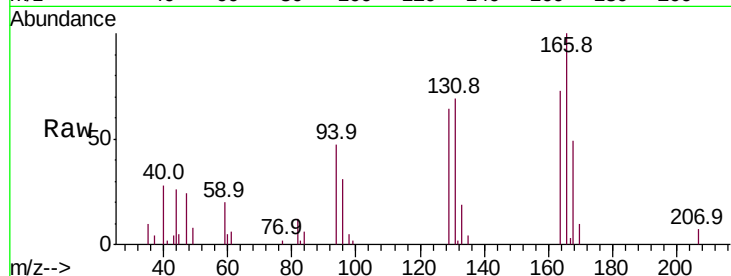
131 93.8 74.6 111.8

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#65

Chlorobenzene

Concen: 1.065 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055585.D

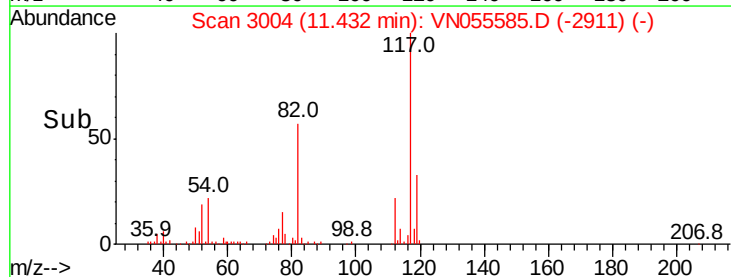
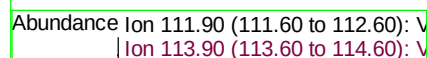
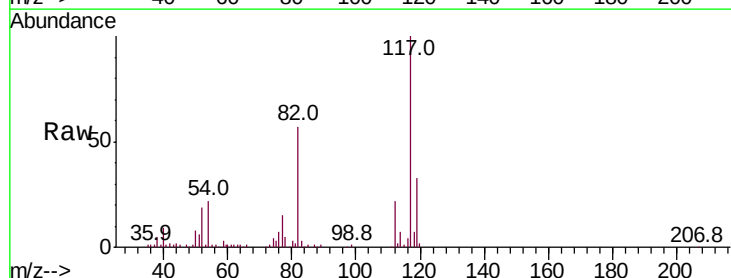
Acq: 14 May 2019 11:07

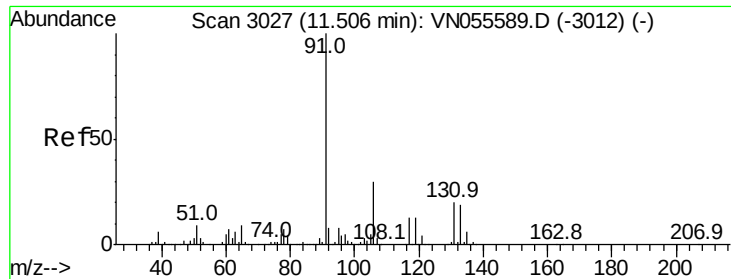
Tgt Ion:112 Resp: 25206

Ion Ratio Lower Upper

112 100

114 33.5 25.4 38.2





#66

1,1,1,2-Tetrachloroethane

Concen: 0.997 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

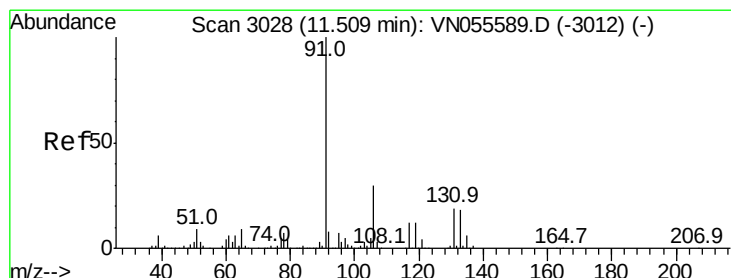
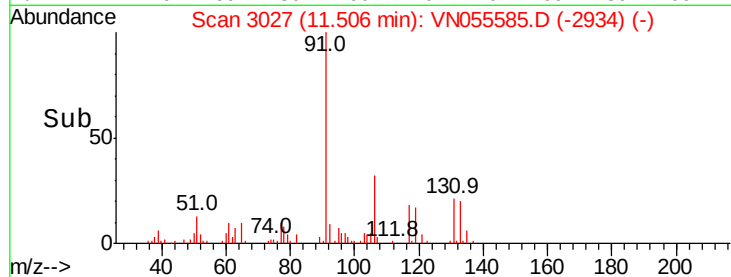
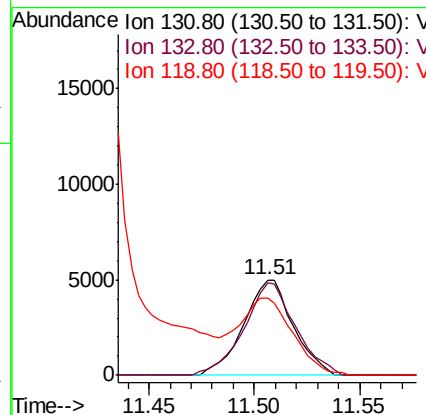
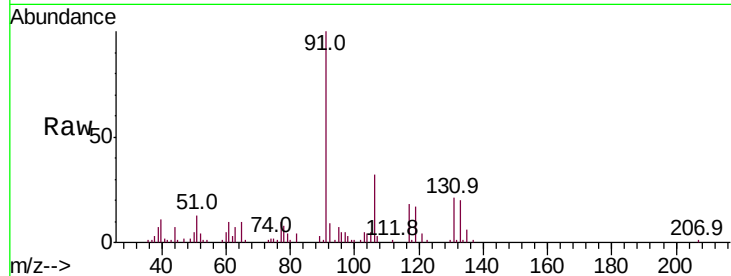
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	101.2	47.6	142.9
119	0.0	34.2	102.5#

Manual Integrations
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#67

Ethyl Benzene

Concen: 0.968 ug/l

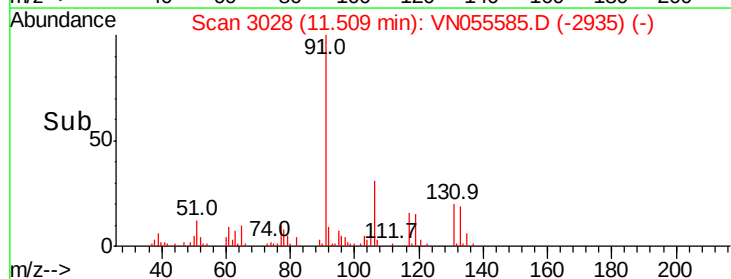
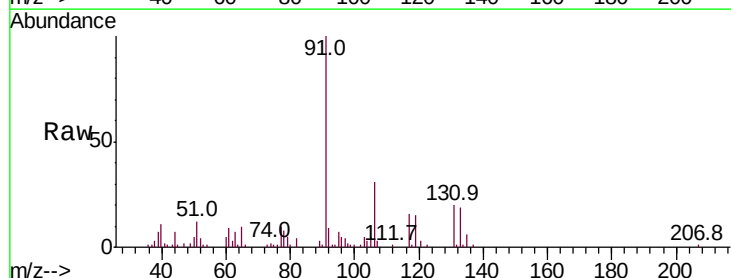
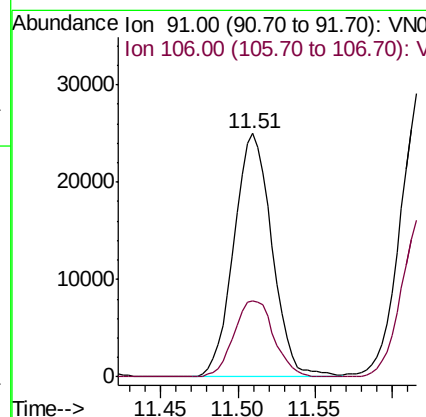
RT: 11.51 min Scan# 3028

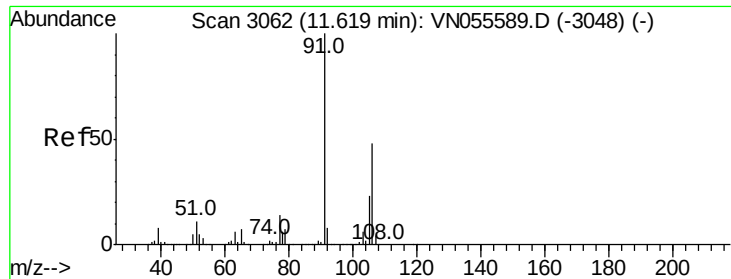
Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.1	36.1





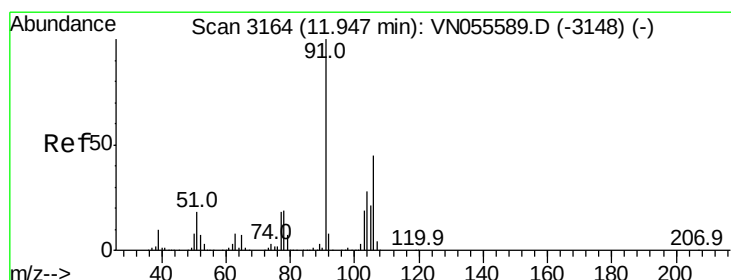
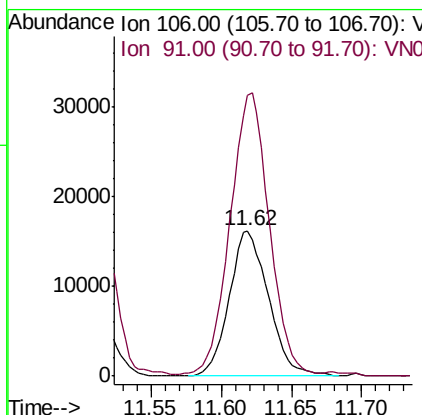
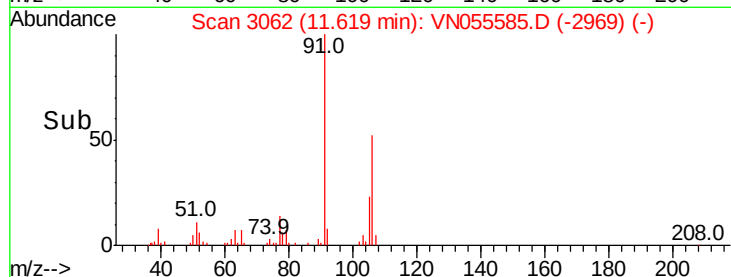
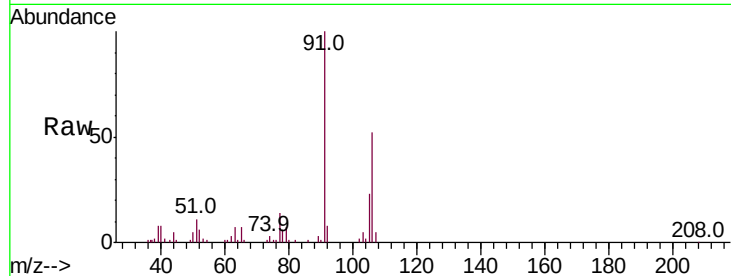
#68
m/p-Xylenes
Concen: 1.988 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
106	100		
91	191.6	167.5	251.3

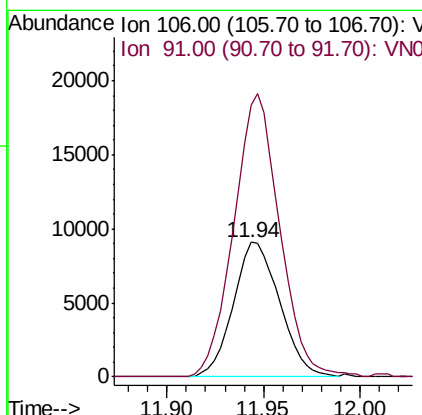
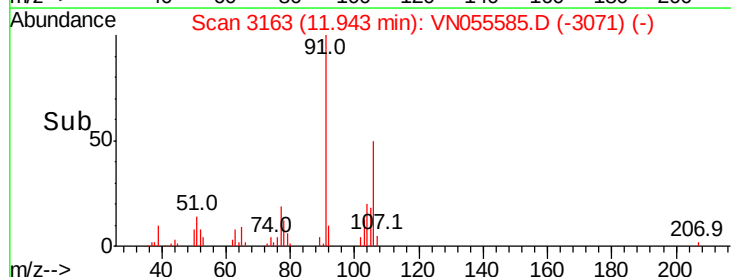
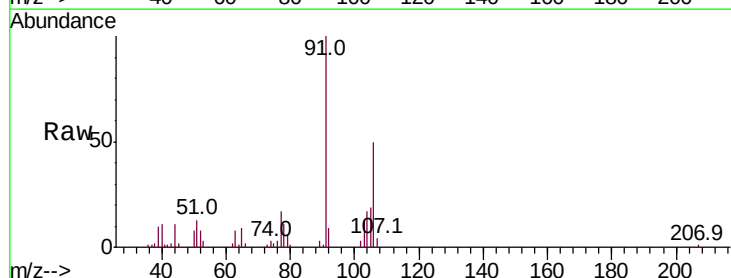
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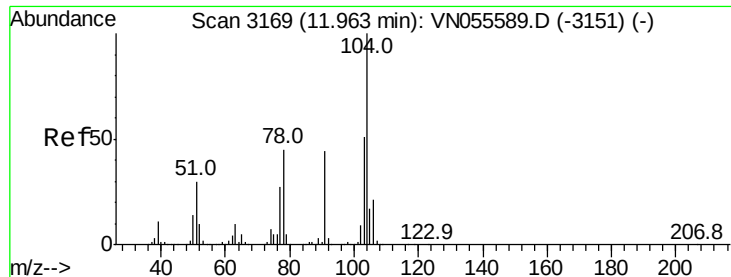
MMDadoda
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#69
o-Xylene
Concen: 0.968 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. -0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.2	110.2	330.6





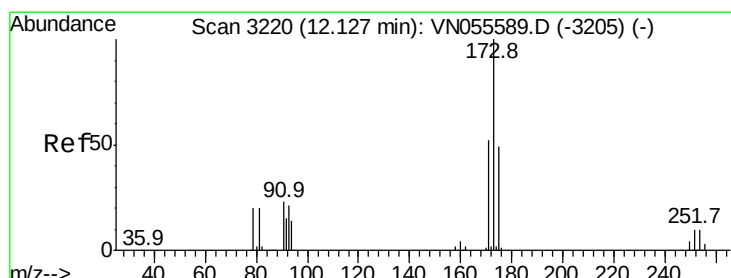
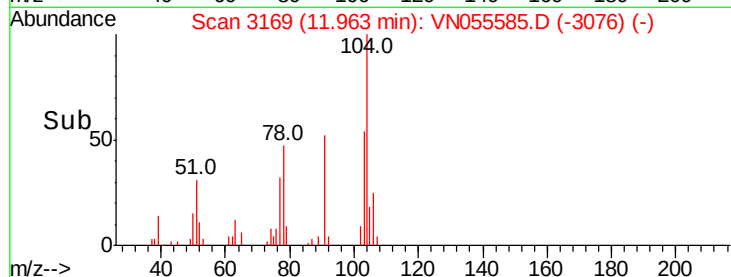
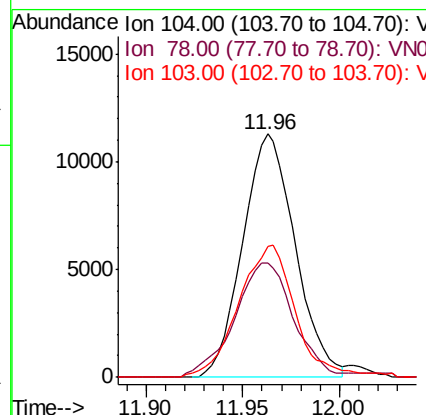
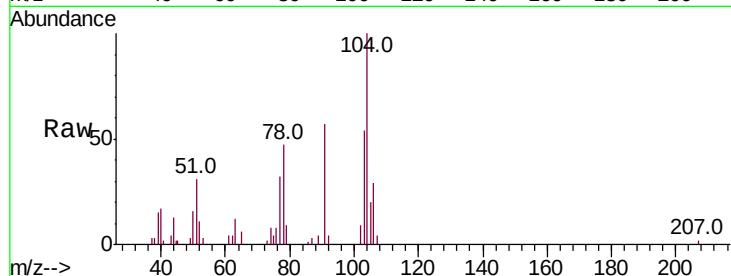
#70
Stvrene
Concen: 0.853 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.3	40.8	61.2
103	59.0	44.6	67.0

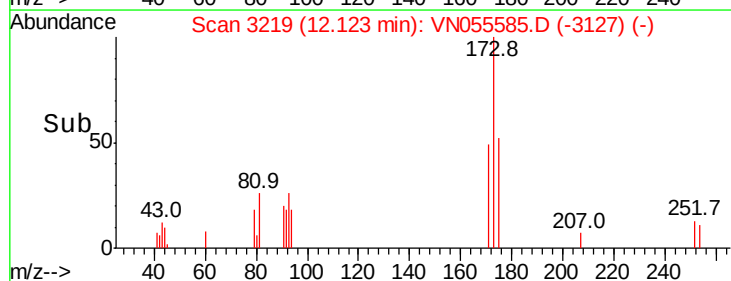
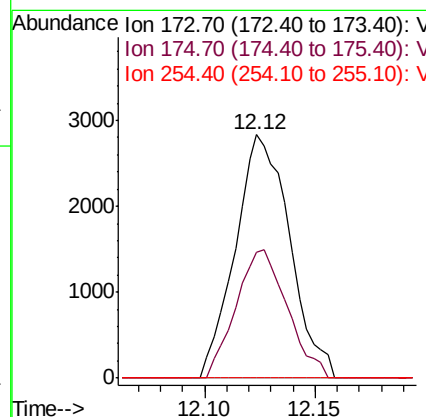
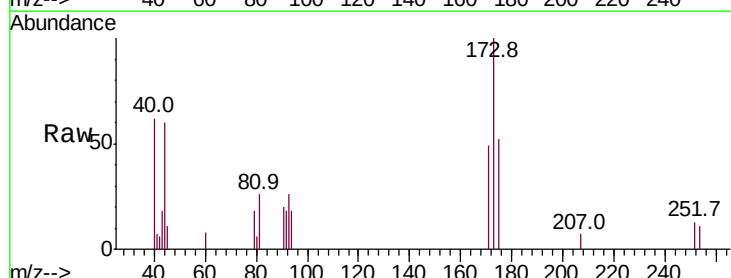
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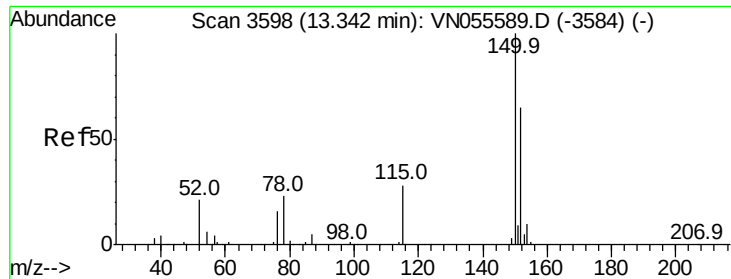
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#71
Bromoform
Concen: 0.883 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.4	73.4
254	0.0	0.1	0.1#





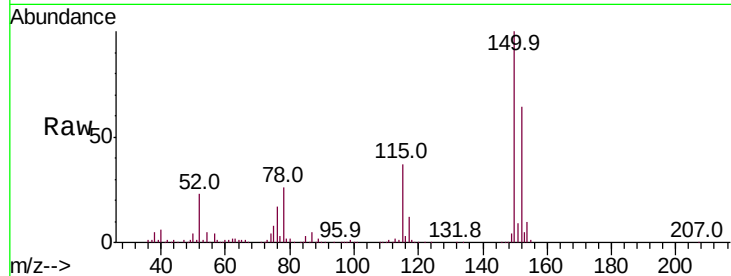
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.8	89.4
150	155.1	0.0	346.6

Manual Integrations
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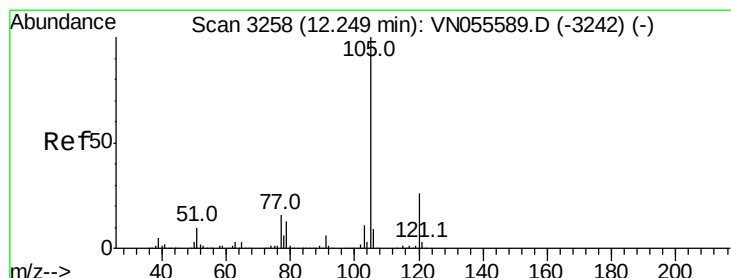
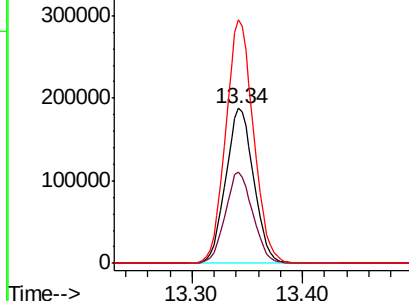
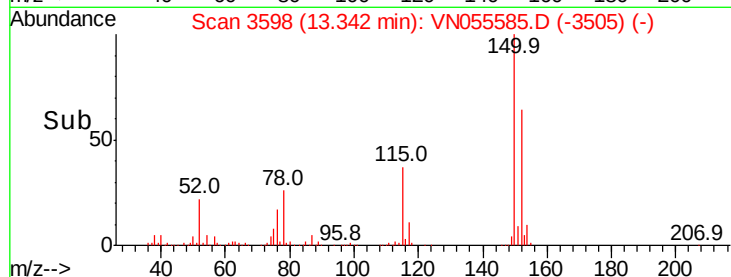


Abundance

Ion 151.90 (151.60 to 152.60): V

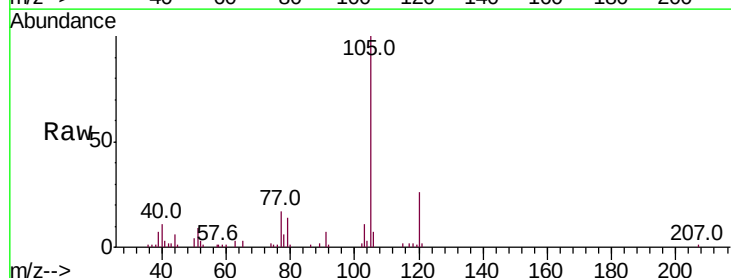
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73
 Isopropylbenzene
 Concen: 1.205 ug/l
 RT: 12.25 min Scan# 3257
 Delta R.T. -0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

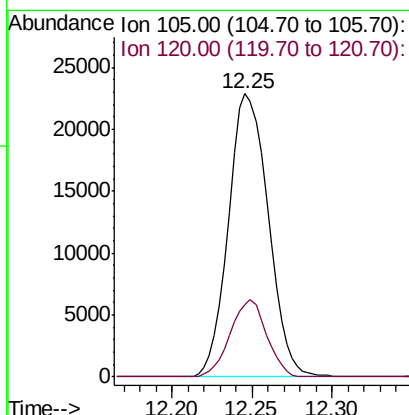
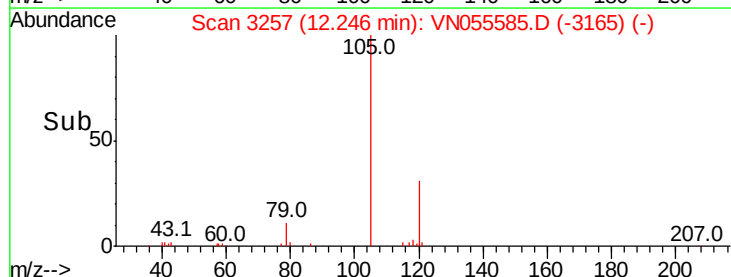
Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.7	13.0	39.0

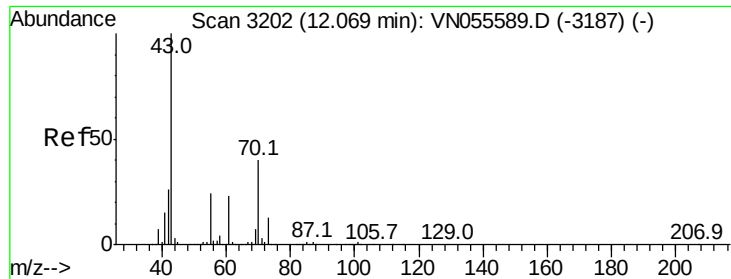


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.130 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

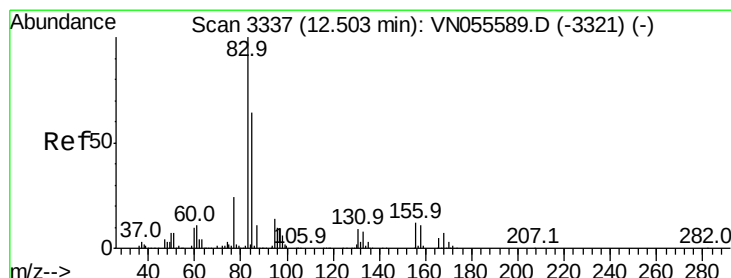
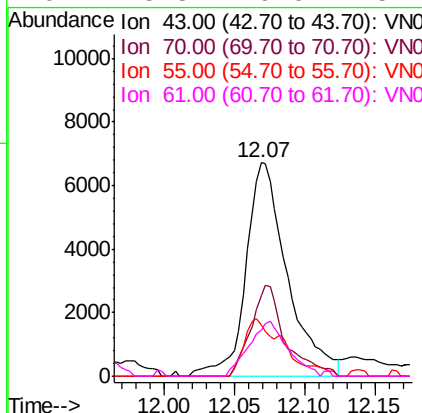
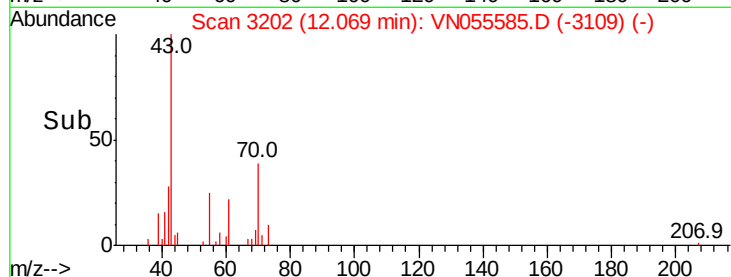
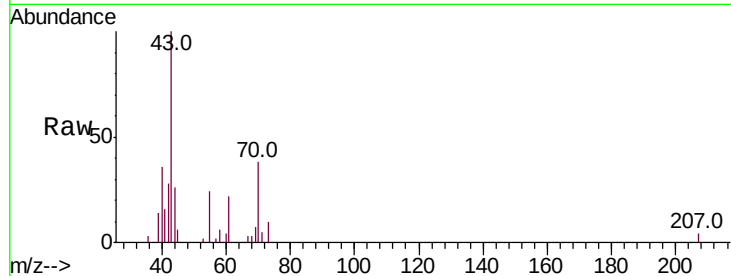
ClientSampled :

VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	35.2	31.8	47.6	
55	26.1	19.7	29.5	
61	23.8	19.0	28.4	

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.331 ug/l

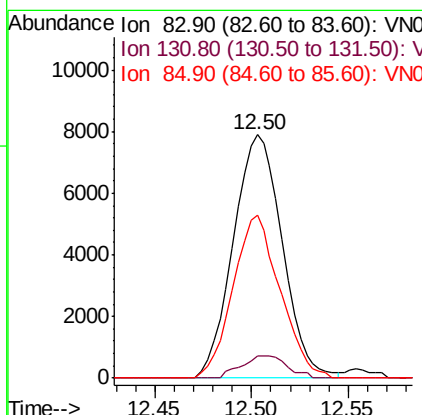
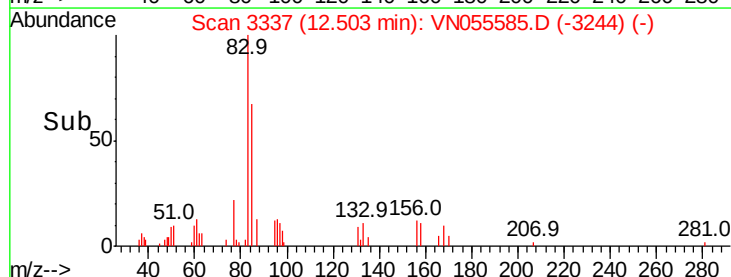
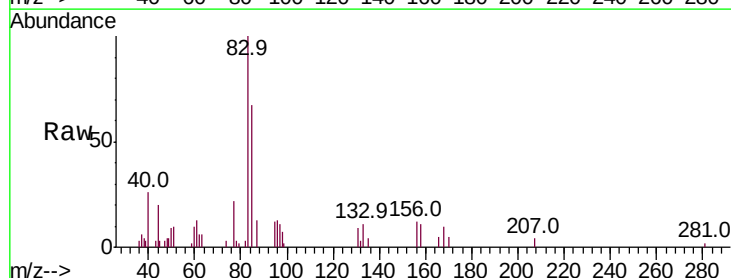
RT: 12.50 min Scan# 3337

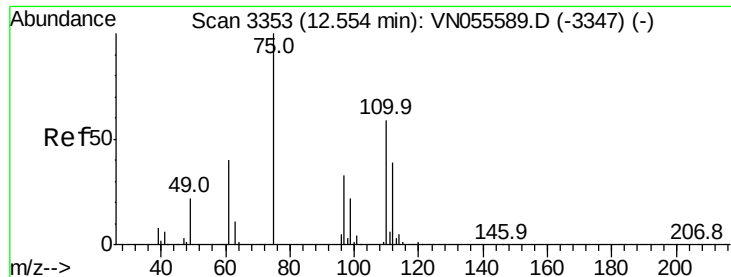
Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	8.5	4.6	13.8	
85	64.2	32.2	96.6	





#76

1,2,3-Trichloropropane

Concen: 0.958 ug/l m

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 75 Resp: 8456

Ion Ratio Lower Upper

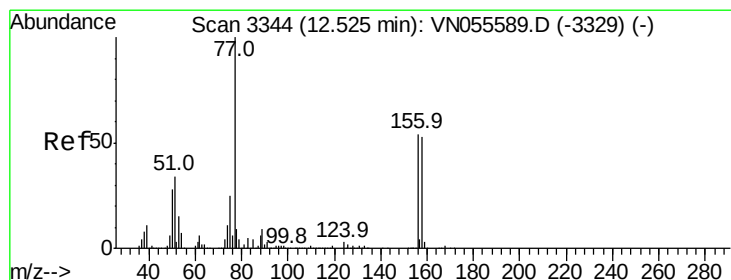
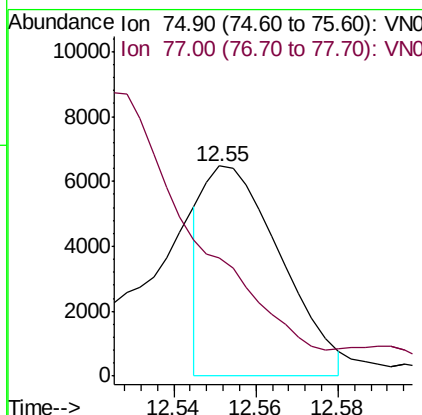
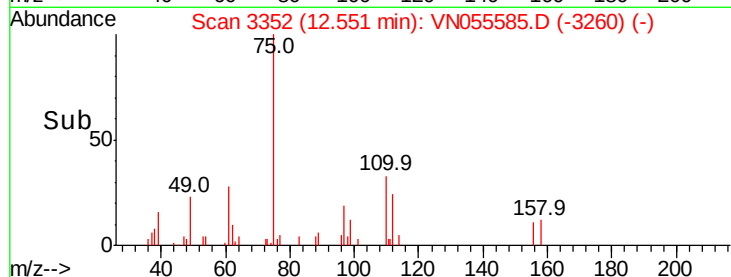
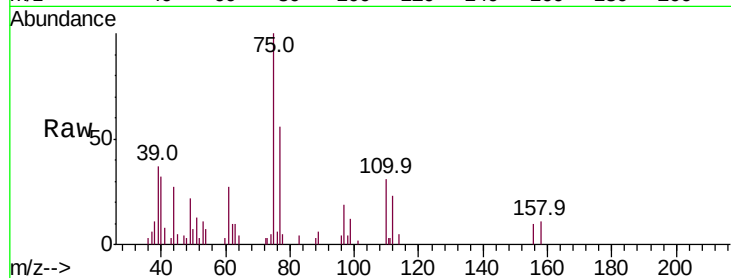
75 100

77 0.0 0.0 0.0

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#77

Bromobenzene

Concen: 1.298 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

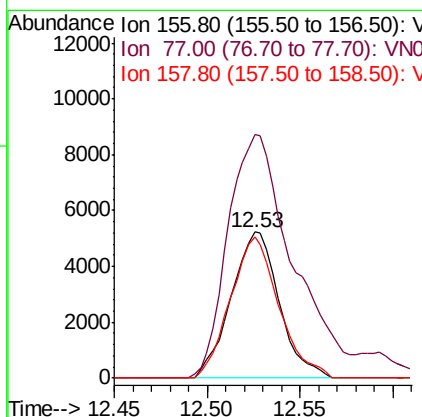
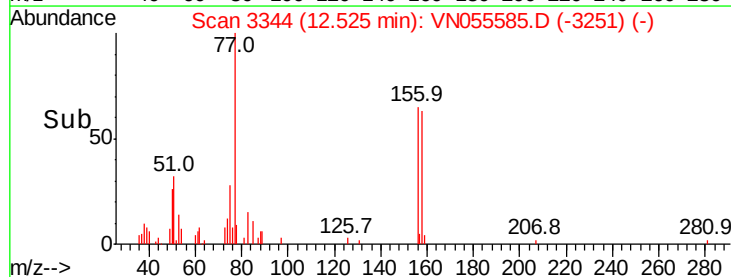
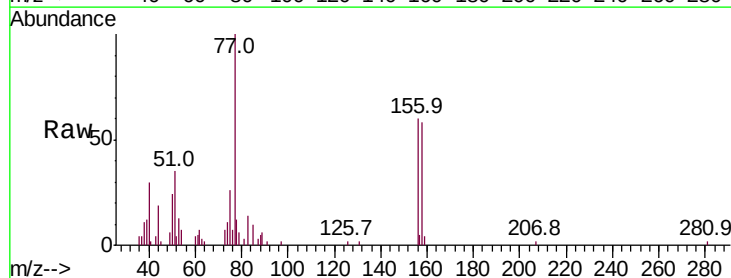
Tgt Ion: 156 Resp: 9428

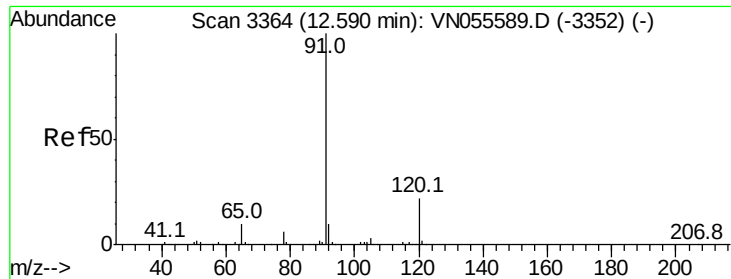
Ion Ratio Lower Upper

156 100

77 223.4 108.9 326.7

158 97.5 48.1 144.3





#78

n-propylbenzene

Concen: 1.090 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 38329

Ion Ratio Lower Upper

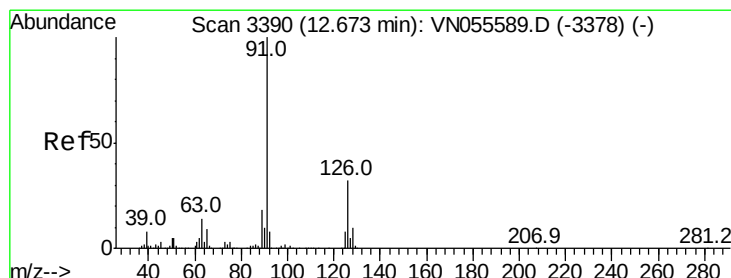
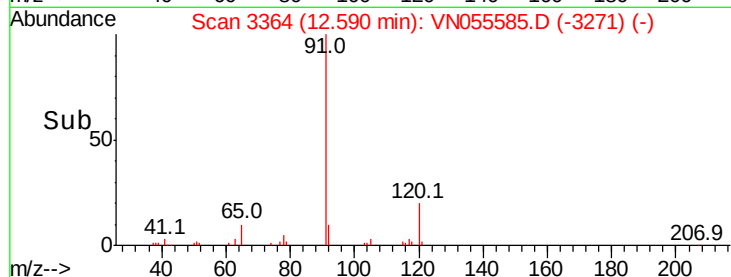
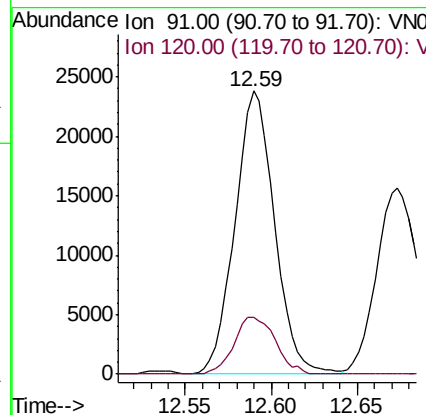
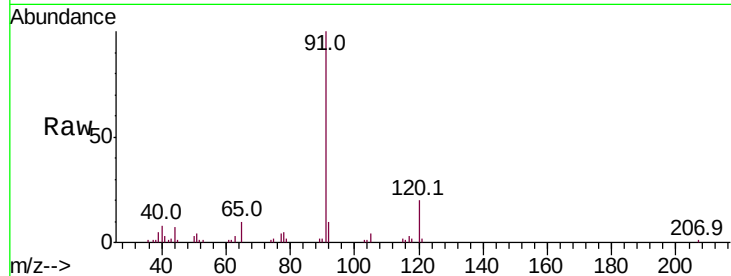
91 100

120 21.0 11.0 33.0

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#79

2-Chlorotoluene

Concen: 1.224 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055585.D

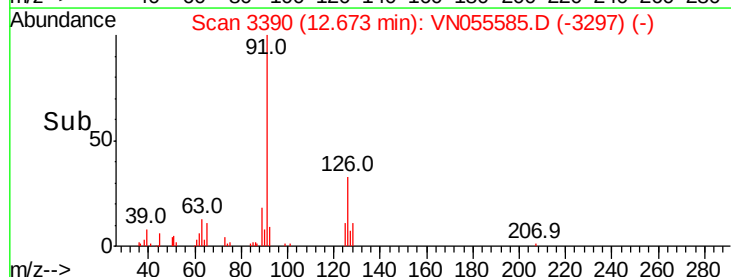
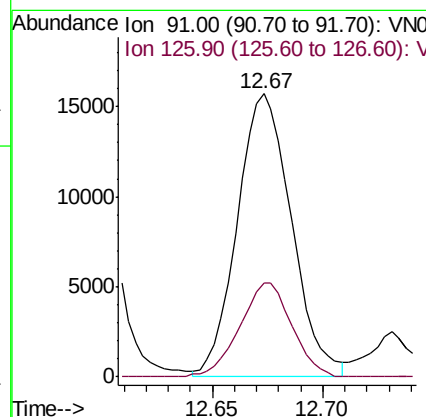
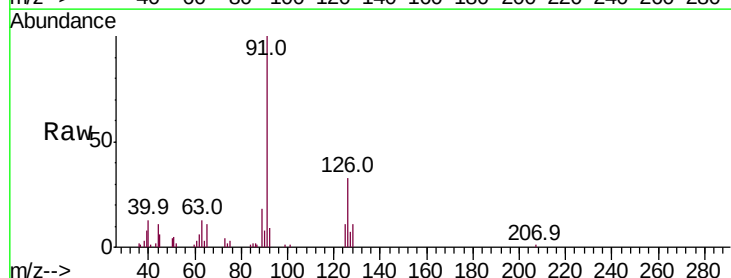
Acq: 14 May 2019 11:07

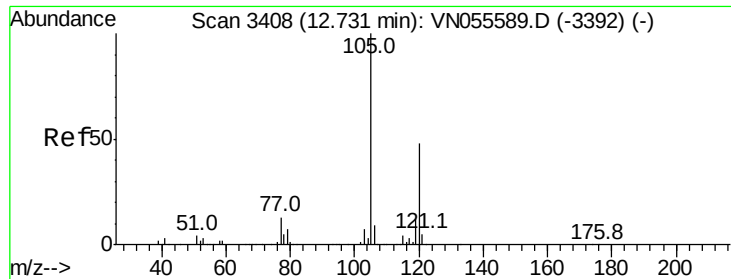
Tgt Ion: 91 Resp: 26799

Ion Ratio Lower Upper

91 100

126 31.9 16.6 49.7





#80

1,3,5-Trimethylbenzene

Concen: 1.051 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 27538

Ion Ratio Lower Upper

105 100

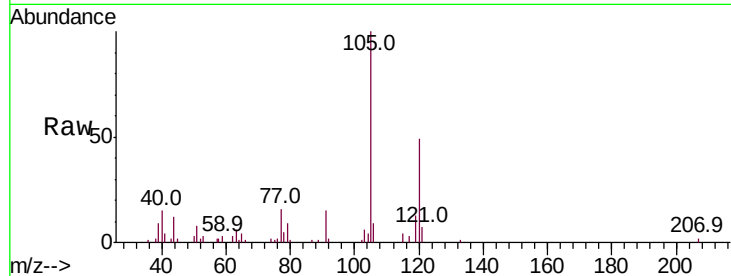
120 48.2 23.8 71.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.73

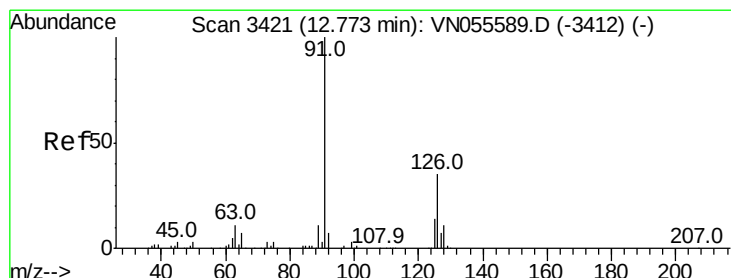
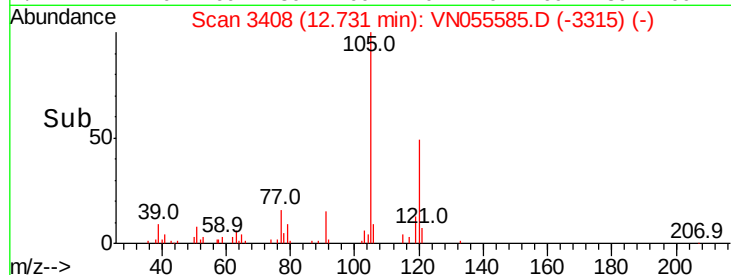
15000

10000

5000

0

Time-->



#82

4-Chlorotoluene

Concen: 1.067 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055585.D

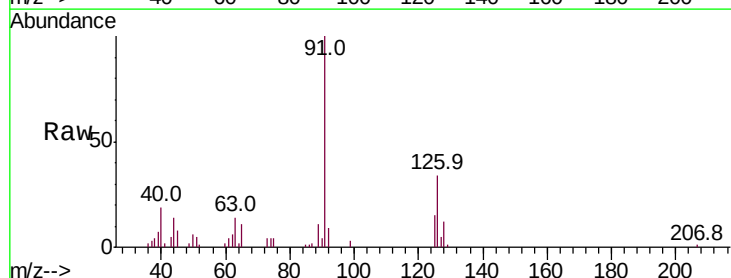
Acq: 14 May 2019 11:07

Tgt Ion: 91 Resp: 22086

Ion Ratio Lower Upper

91 100

126 34.6 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V

12.77

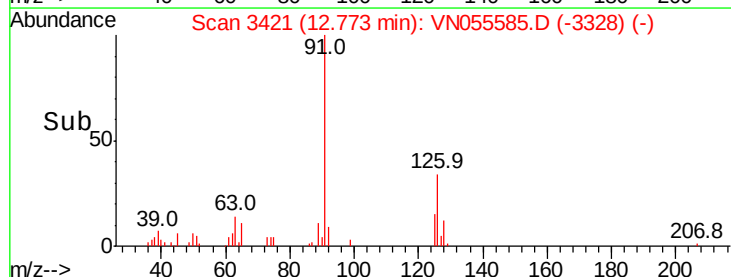
15000

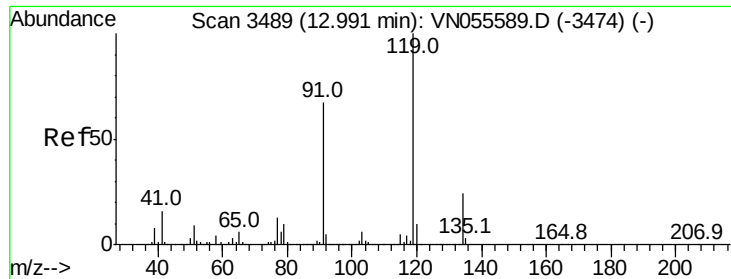
10000

5000

0

Time-->





#83

tert-Butylbenzene

Concen: 1.148 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

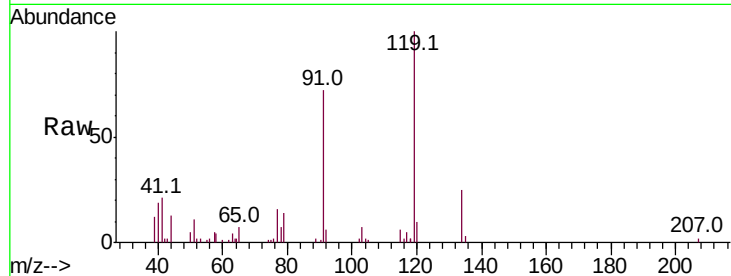
ClientSampleId :

VSTDIC001

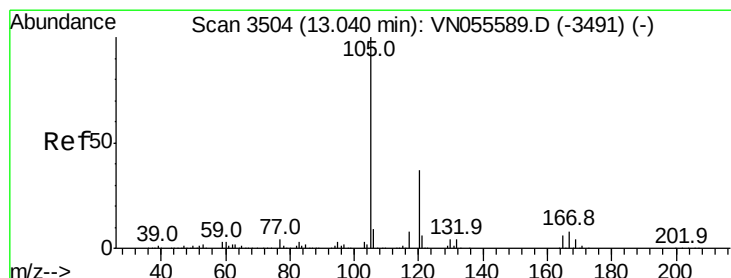
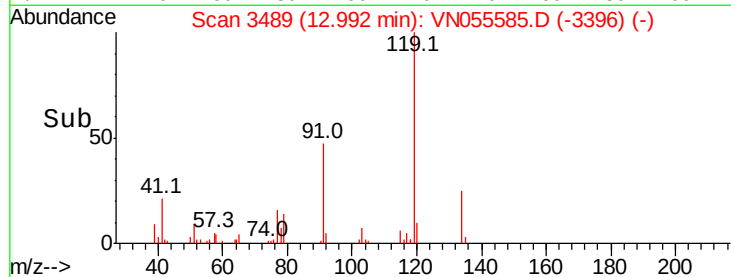
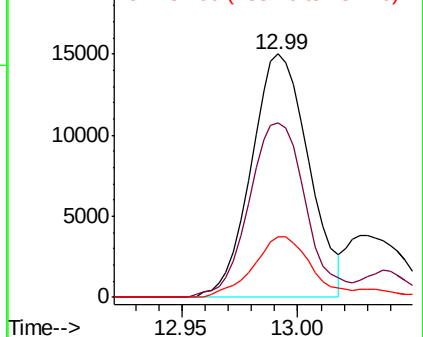
Tot Ion:	119	Resp:	25752
Ion Ratio	Lower	Upper	
119	100		
91	71.3	33.5	100.4
134	25.0	12.7	38.1

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



#84

1,2,4-Trimethylbenzene

Concen: 1.044 ug/l

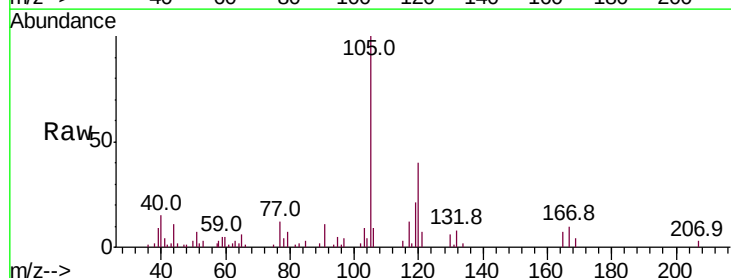
RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

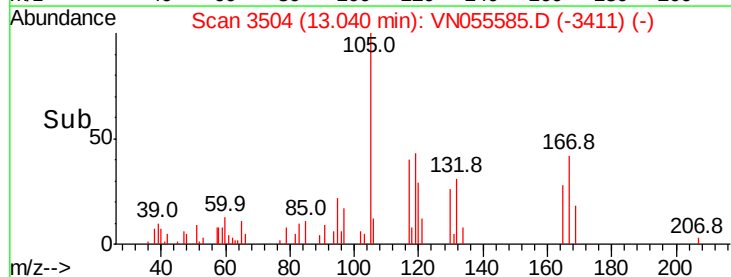
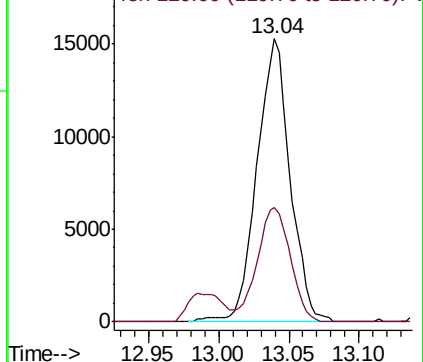
Lab File: VN055585.D

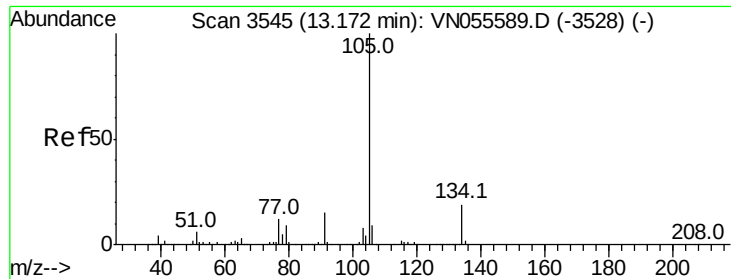
Acq: 14 May 2019 11:07

Tgt Ion:	105	Resp:	25062
Ion Ratio	Lower	Upper	
105	100		
120	40.3	22.2	66.6



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





#85

sec-Butylbenzene

Concen: 1.061 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 31566

Ion Ratio Lower Upper

105 100

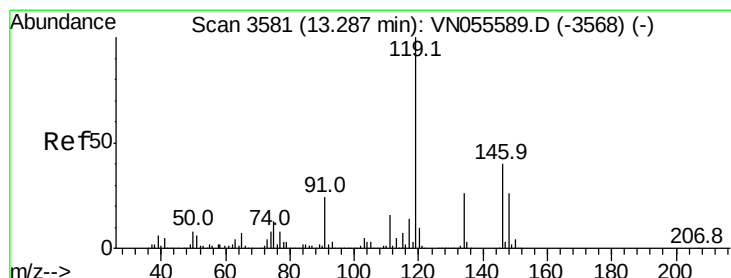
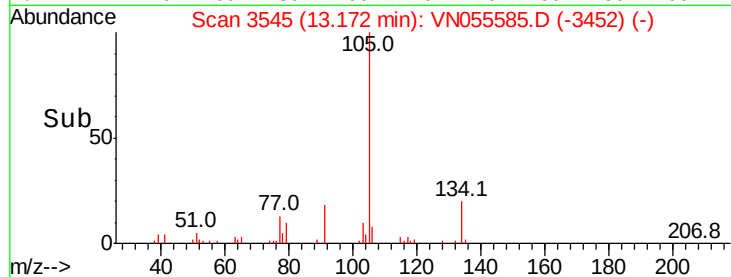
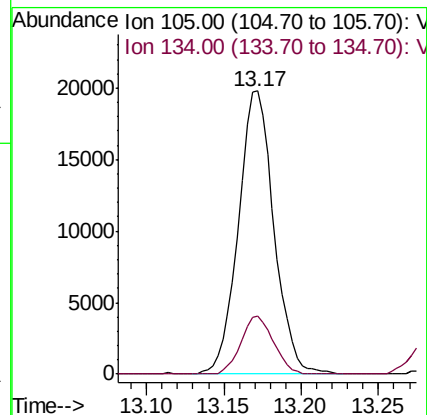
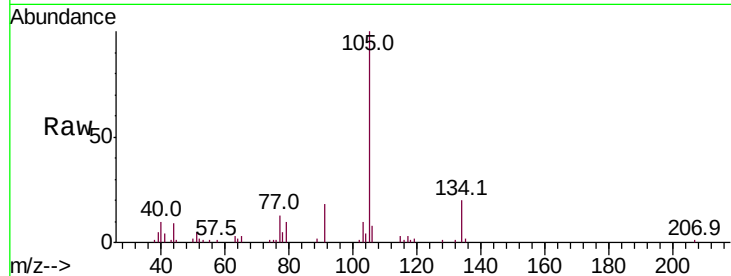
134 18.6 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 1.008 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

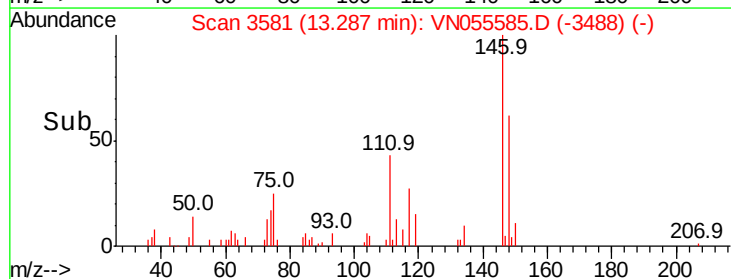
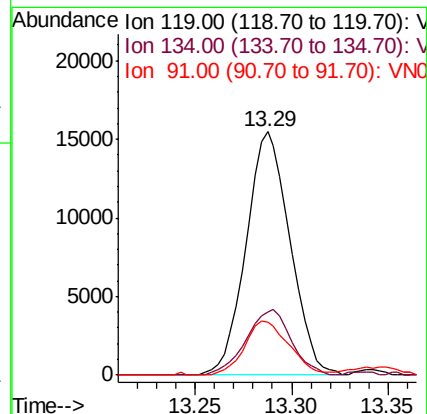
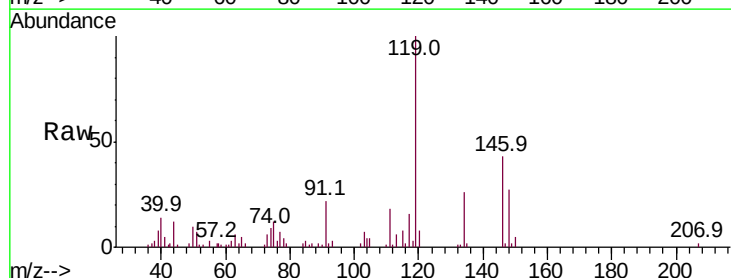
Tgt Ion:119 Resp: 24423

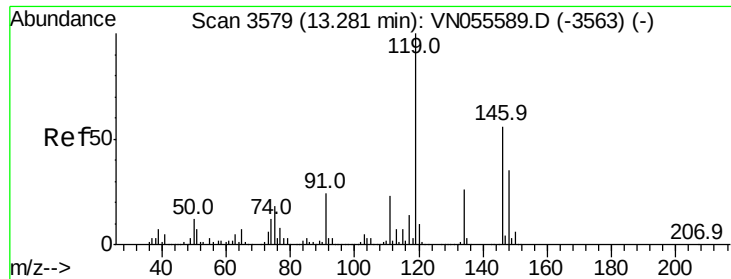
Ion Ratio Lower Upper

119 100

134 27.7 13.0 39.0

91 22.4 11.9 35.5





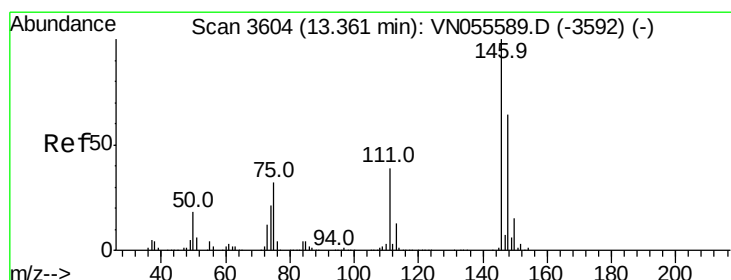
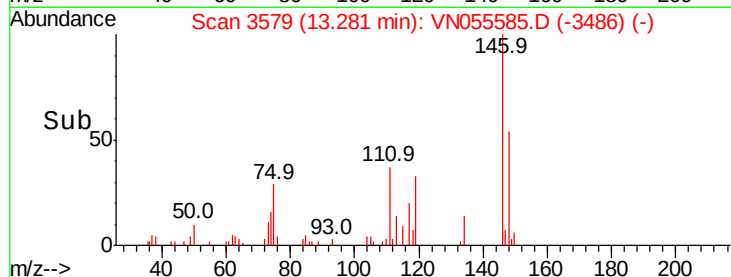
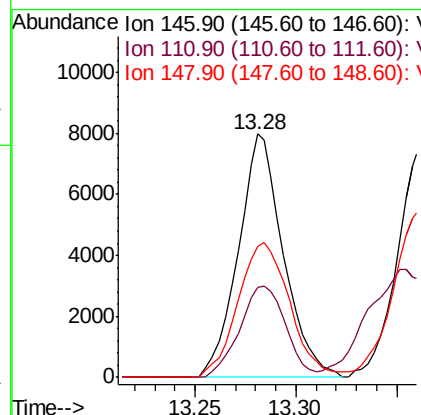
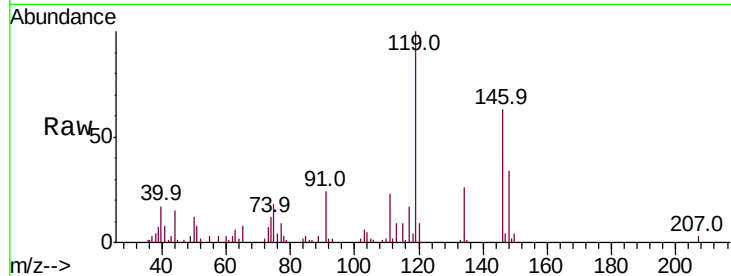
#87
 1,3-Dichlorobenzene
 Concen: 1.110 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.5	61.5
148	63.7	32.3	96.9

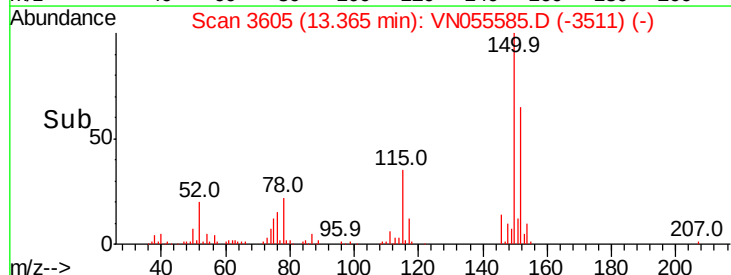
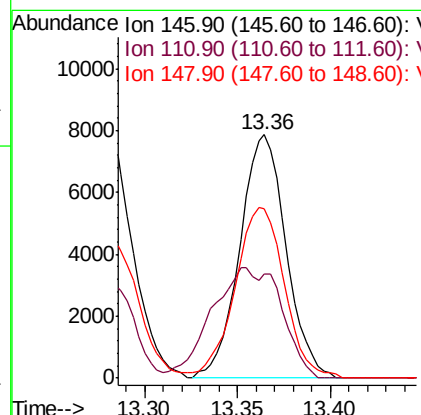
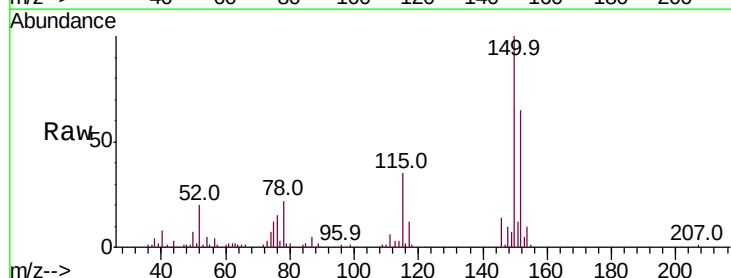
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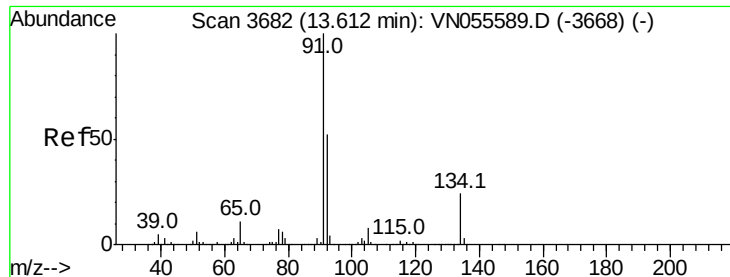
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#88
 1,4-Dichlorobenzene
 Concen: 1.234 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.7	59.0
148	74.6	31.8	95.4





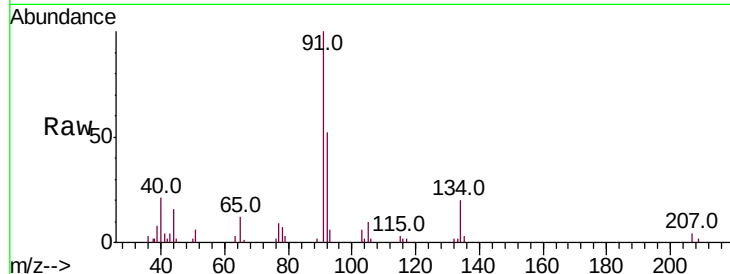
#89
n-Butylbenzene
Concen: 0.937 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

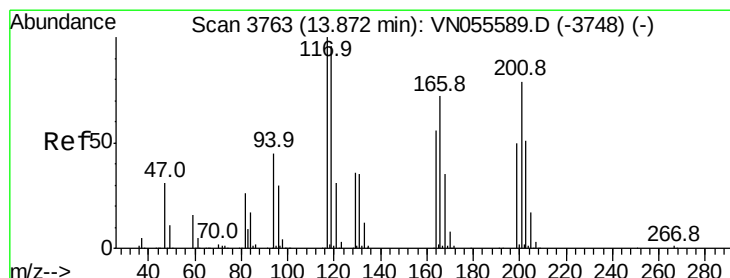
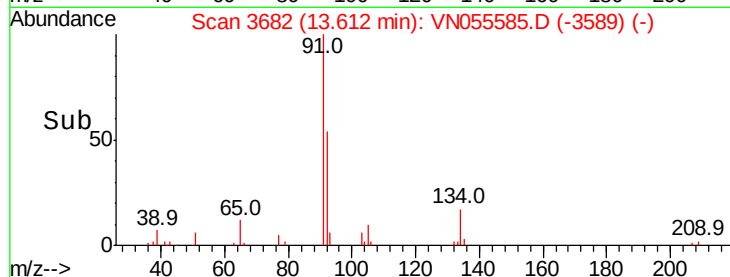
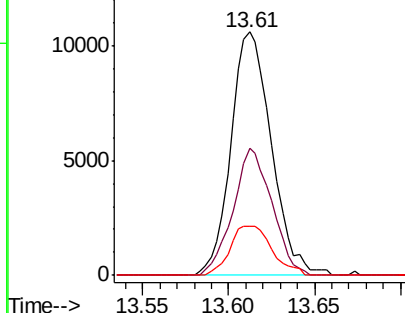
Tot Ion	Ratio	Lower	Upper
91	100		
92	49.9	25.9	77.8
134	21.1	12.2	36.4

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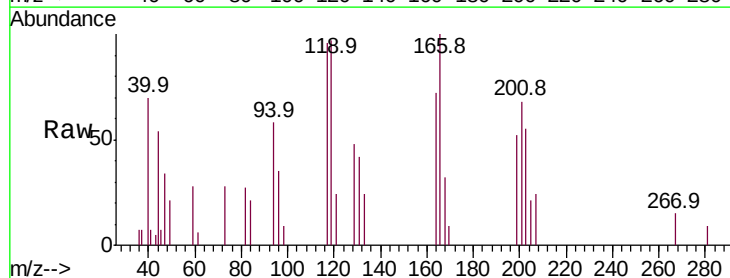


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

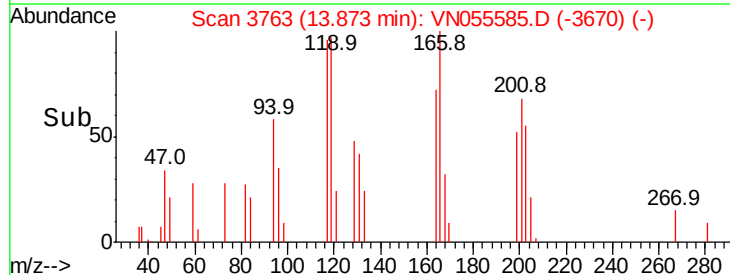
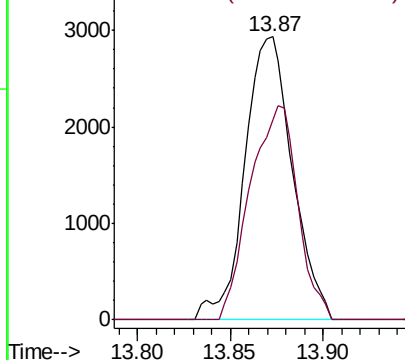


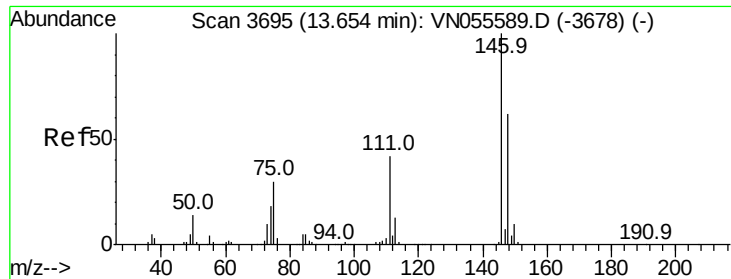
#90
Hexachloroethane
Concen: 1.331 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055585.D
Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.5	40.6	121.8



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





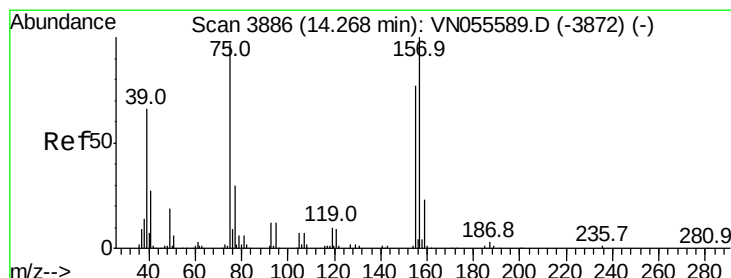
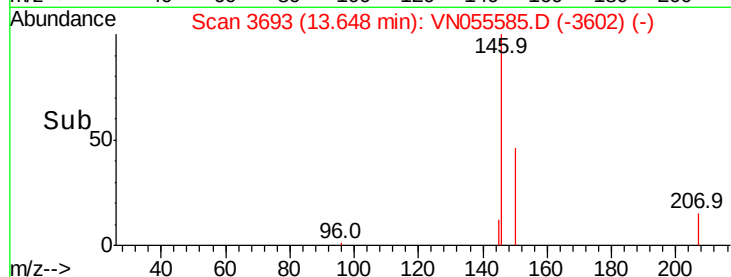
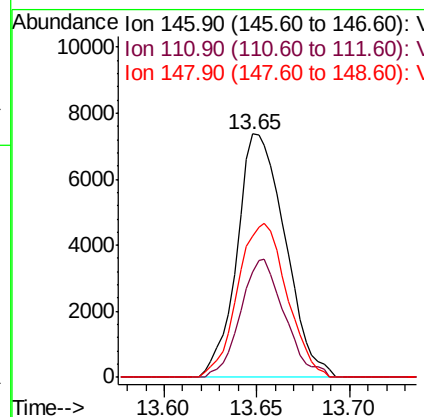
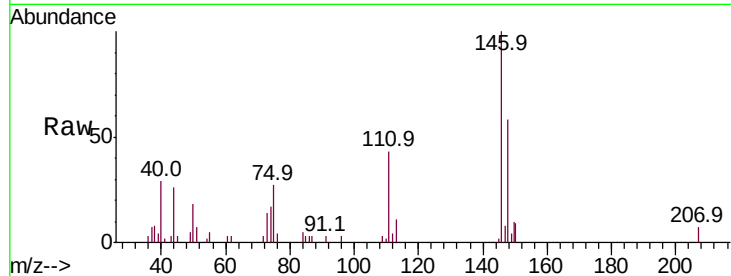
#91
 1,2-Dichlorobenzene
 Concen: 1.188 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.01 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.0	63.0
148	64.5	31.3	93.9

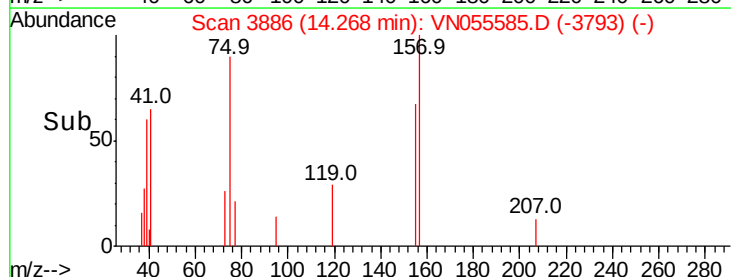
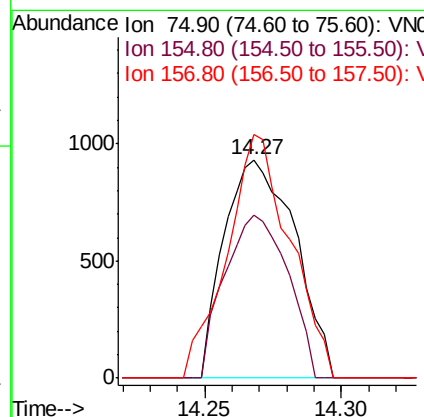
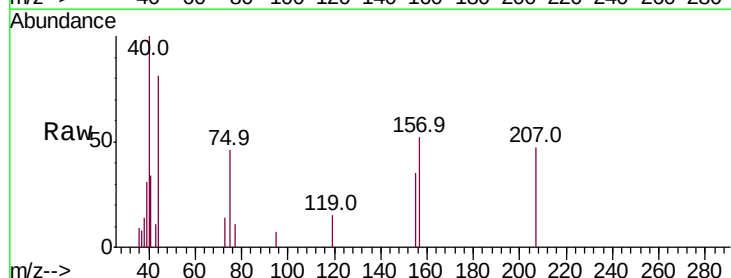
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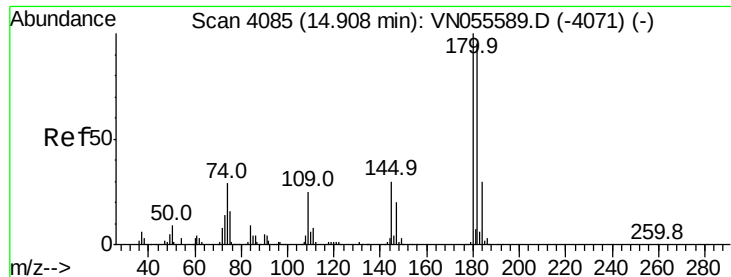
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.136 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055585.D
 Acq: 14 May 2019 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.5	40.4	121.1
157	98.9	52.1	156.4





#93

1,2,4-Trichlorobenzene

Concen: 1.313 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

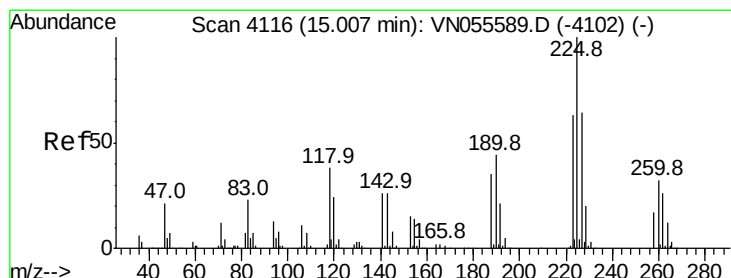
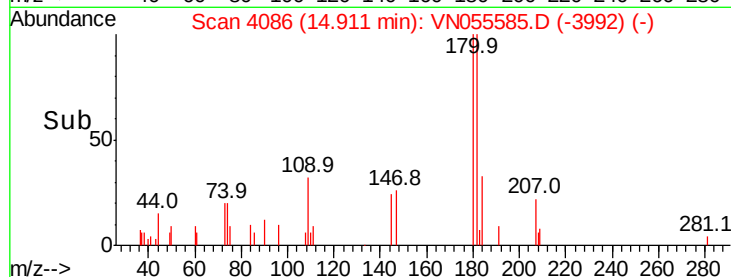
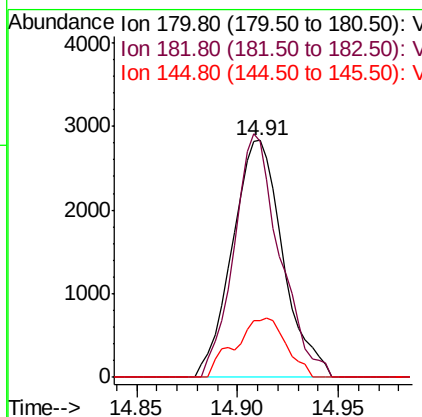
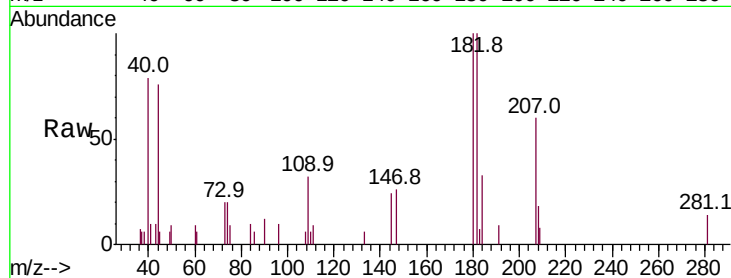
ClientSampleId :

VSTDIC001

Tot Ion:	180	Resp:	4970
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.4	142.3
145	25.4	14.9	44.7

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#94

Hexachlorobutadiene

Concen: 1.334 ug/l

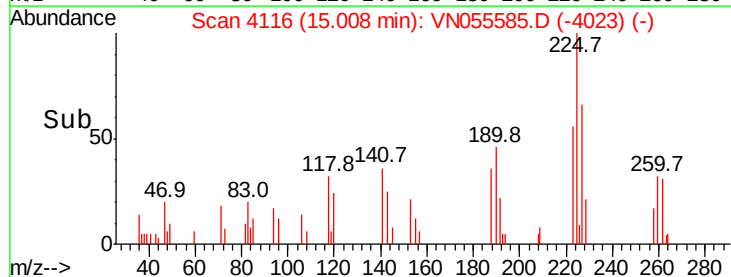
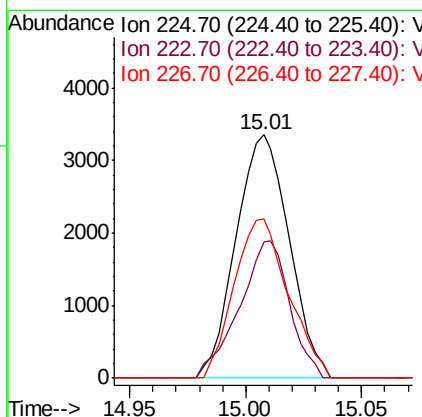
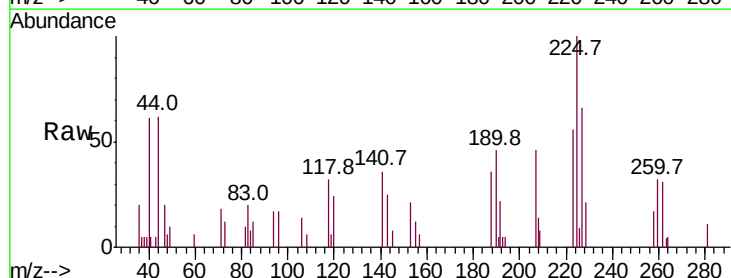
RT: 15.01 min Scan# 4116

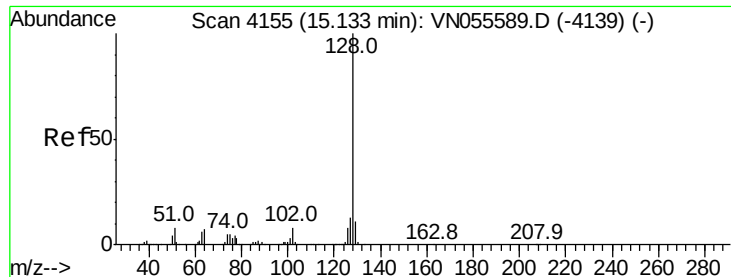
Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Tgt Ion:	225	Resp:	5347
Ion	Ratio	Lower	Upper
225	100		
223	52.9	31.6	95.0
227	66.6	32.4	97.0





#95

Naphthalene

Concen: 1.405 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Instrument :

MSVOA_N

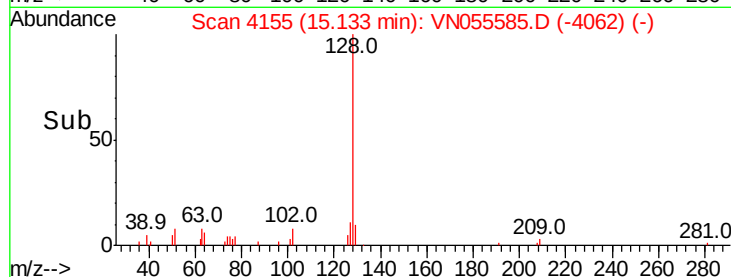
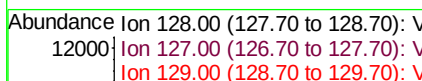
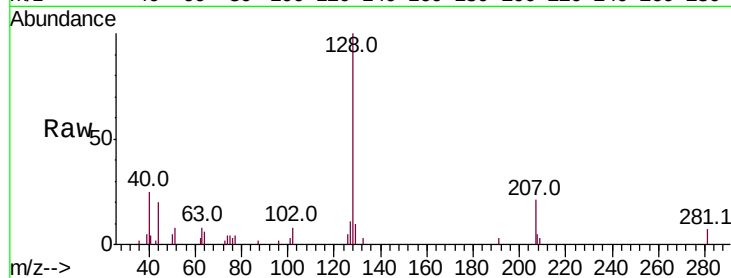
ClientSampleId :

VSTDIC001

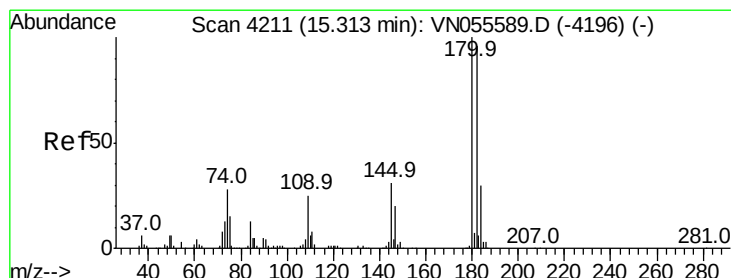
Tot Ion:	128	Resp:	15541
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.4	15.6
129	10.8	8.8	13.2

Manual Integrations
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Time-->



#96

1,2,3-Trichlorobenzene

Concen: 1.416 ug/l

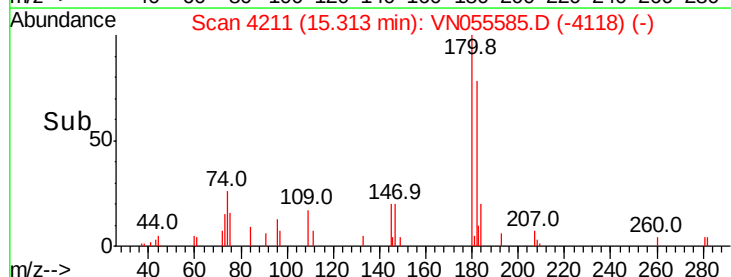
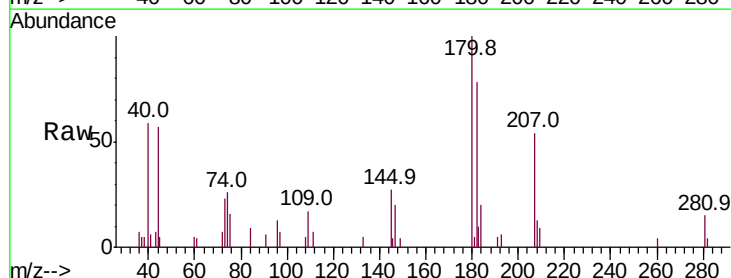
RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055585.D

Acq: 14 May 2019 11:07

Tgt Ion:	180	Resp:	6283
Ion Ratio	Lower	Upper	
180	100		
182	82.4	47.9	143.6
145	31.5	15.6	46.7



Time-->