

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050819\
 Data File : VN055477.D
 Acq On : 8 May 2019 16:07
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/9/2019 6:32:36 PM

Quant Time: May 09 04:21:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 03:36:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	732484	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1232369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1026242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295658	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	8161	0.950	ug/l	99
3) Chloromethane	2.06	50	13064	1.167	ug/l	96
4) Vinyl Chloride	2.19	62	12101	1.297	ug/l	92
6) Chloroethane	2.70	64	7202	1.405	ug/l	99
7) Trichlorofluoromethane	3.01	101	13197	1.037	ug/l	99
8) Diethyl Ether	3.41	74	5747	1.242	ug/l	52
9) 1,1,2-Trichlorotrifluoroet	3.74	101	8595	1.126	ug/l	97
12) 1,1-Dichloroethene	3.73	96	8201	1.114	ug/l	94
14) Allyl chloride	4.32	41	17098	1.122	ug/l	97
15) Acrylonitrile	4.99	53	23151	6.778	ug/l	99
16) Acetone	3.82	43	26183	7.840	ug/l	98
17) Carbon Disulfide	4.04	76	23087	1.196	ug/l	97
18) Methyl Acetate	4.34	43	19515	2.114	ug/l #	84
19) Methyl tert-butyl Ether	5.05	73	25747	1.208	ug/l	96
20) Methylene Chloride	4.55	84	12194	1.308	ug/l	87
21) trans-1,2-Dichloroethene	5.04	96	8866	1.134	ug/l	92
22) Diisopropyl ether	5.95	45	30363	0.997	ug/l #	70
23) Vinyl Acetate	5.90	43	111030	5.390	ug/l	99
24) 1,1-Dichloroethane	5.84	63	18656	1.150	ug/l	98
25) 2-Butanone	6.85	43	30218	6.888	ug/l	98
26) 2,2-Dichloropropane	6.82	77	11123m	1.007	ug/l	
27) cis-1,2-Dichloroethene	6.82	96	10157	1.136	ug/l	96
28) Bromochloromethane	7.19	49	9722	1.175	ug/l	97
29) Tetrahydrofuran	7.23	42	21693	7.718	ug/l	97
30) Chloroform	7.37	83	16872	1.101	ug/l	86
32) 1,1,1-Trichloroethane	7.56	97	12803	1.039	ug/l #	53
36) 1,1-Dichloropropene	7.79	75	11919	0.994	ug/l	95
37) Ethyl Acetate	6.94	43	10900	1.103	ug/l	97
38) Carbon Tetrachloride	7.77	117	11813	1.051	ug/l	86
39) Methylcyclohexane	9.08	83	15669	1.213	ug/l	87
40) Benzene	8.05	78	37125	1.048	ug/l	98
41) Methacrylonitrile	7.18	41	6249	1.224	ug/l #	47
42) 1,2-Dichloroethane	8.12	62	14208	1.137	ug/l	89
43) Isopropyl Acetate	8.17	43	18227	1.167	ug/l #	79

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.83	130	9417	1.055	ug/l	98
45) 1,2-Dichloropropane	9.12	63	11152	1.095	ug/l	97
46) Dibromomethane	9.21	93	6274	1.114	ug/l	98
47) Bromodichloromethane	9.40	83	12328	1.040	ug/l	94
48) Methyl methacrylate	9.20	41	8887	1.164	ug/l	94
49) 1,4-Dioxane	9.21	88	3307	34.873	ug/l #	89
51) 4-Methyl-2-Pentanone	9.99	43	60280	6.613	ug/l	98
52) Toluene	10.16	92	20310	0.998	ug/l	93
53) t-1,3-Dichloropropene	10.38	75	10913	1.043	ug/l	90
54) cis-1,3-Dichloropropene	9.84	75	12308	0.951	ug/l	89
55) 1,1,2-Trichloroethane	10.56	97	8453	1.105	ug/l	96
56) Ethyl methacrylate	10.43	69	11731	1.199	ug/l #	87
57) 1,3-Dichloropropane	10.71	76	14939	1.109	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.70	63	15295	5.760	ug/l	97
59) 2-Hexanone	10.75	43	40489	6.890	ug/l	100
60) Dibromochloromethane	10.90	129	7508	0.982	ug/l	90
61) 1,2-Dibromoethane	11.00	107	7988	1.119	ug/l	99
64) Tetrachloroethene	10.63	164	9436	1.118	ug/l	96
65) Chlorobenzene	11.43	112	21542	1.060	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.51	131	7139	0.914	ug/l #	60
67) Ethyl Benzene	11.51	91	39093	1.060	ug/l	99
68) m/p-Xylenes	11.62	106	27026	2.049	ug/l	97
69) o-Xylene	11.95	106	13488	1.031	ug/l	97
70) Styrene	11.96	104	19151	0.949	ug/l	95
71) Bromoform	12.12	173	4505	1.010	ug/l #	67
73) Isopropylbenzene	12.25	105	36258	1.221	ug/l	97
74) N-amyl acetate	12.07	43	11672	1.425	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.51	83	11938	1.519	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	8289m	1.174	ug/l	
77) Bromobenzene	12.52	156	8260	1.230	ug/l	91
78) n-propylbenzene	12.59	91	36190	1.178	ug/l	100
79) 2-Chlorotoluene	12.67	91	23177	1.179	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	26648	1.134	ug/l	97
82) 4-Chlorotoluene	12.77	91	20962	1.169	ug/l	99
83) tert-Butylbenzene	12.99	119	23273	1.109	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	22714	1.081	ug/l	94
85) sec-Butylbenzene	13.17	105	31042	1.212	ug/l	100
86) p-Isopropyltoluene	13.29	119	23029	1.095	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	10608	1.061	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	11247m	1.193	ug/l	
89) n-Butylbenzene	13.61	91	17032	1.123	ug/l	95
90) Hexachloroethane	13.87	117	4103	1.049	ug/l	93
91) 1,2-Dichlorobenzene	13.65	146	11120	1.121	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1487	1.713	ug/l	81
93) 1,2,4-Trichlorobenzene	14.91	180	2802	0.885	ug/l	82
94) Hexachlorobutadiene	15.01	225	5022	1.380	ug/l	88
95) Naphthalene	15.14	128	10402	1.415	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.32	180	4315	1.300	ug/l #	81

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VSTDICC001

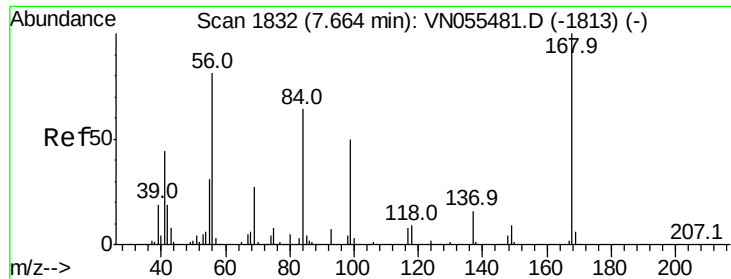
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 732484

Ion Ratio Lower Upper

168 100

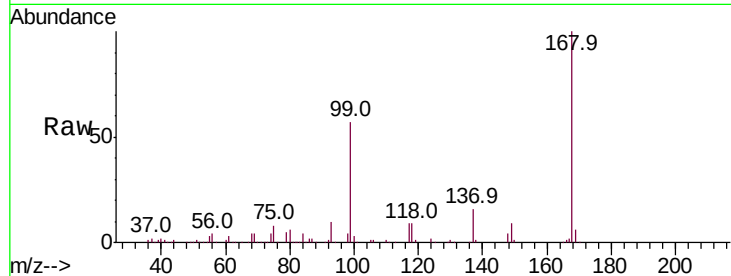
99 56.4 47.0 70.4

Manual Integrations

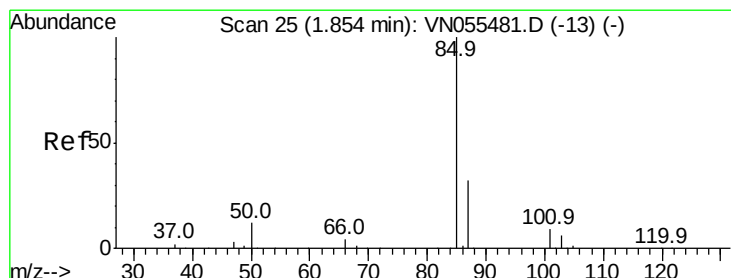
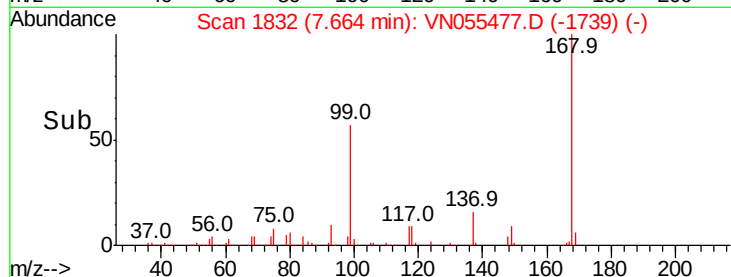
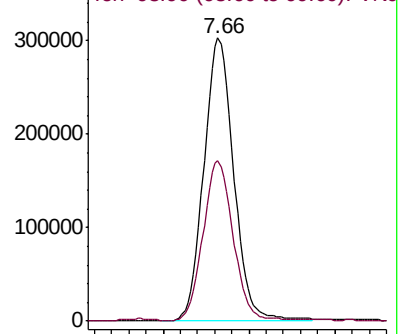
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Abundance Ion 167.90 (167.60 to 168.60): VN055477.D (-1739) (-)



#2

Dichlorodifluoromethane

Concen: 0.950 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN055477.D

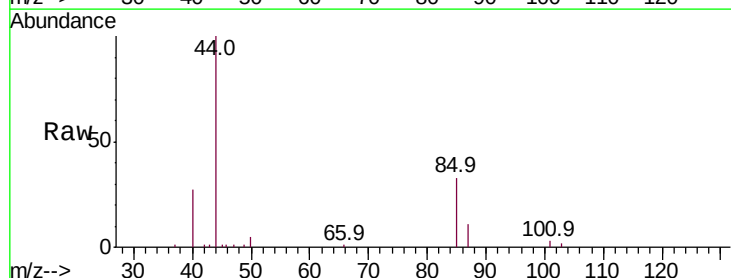
Acq: 8 May 2019 16:07

Tgt Ion: 85 Resp: 8161

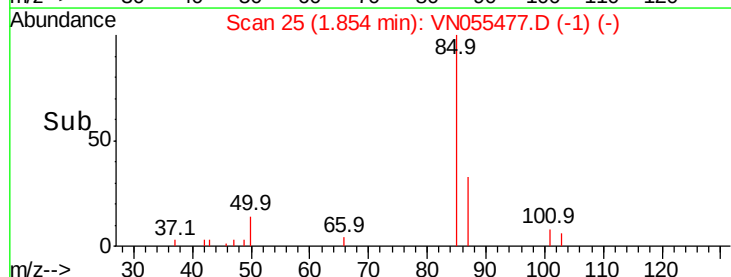
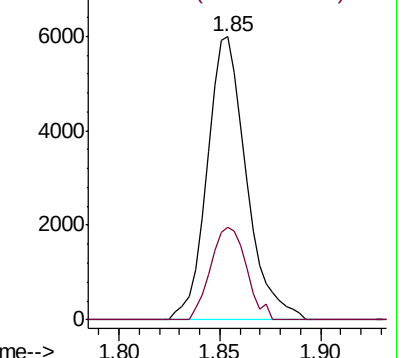
Ion Ratio Lower Upper

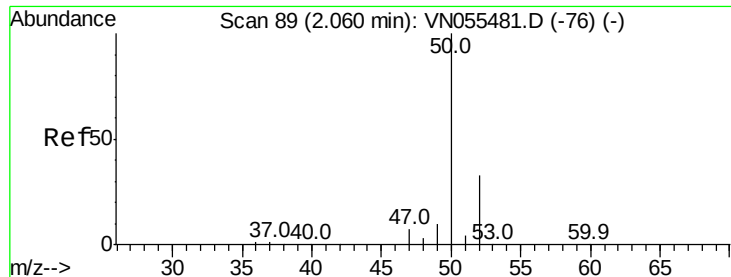
85 100

87 32.7 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN055477.D (-1) (-)





#3

Chloromethane

Concen: 1.167 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 13064

Ion Ratio Lower Upper

50 100

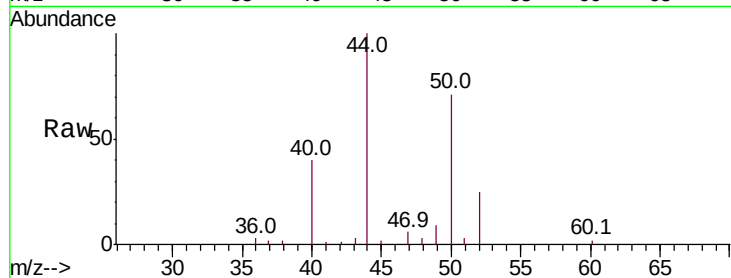
52 35.7 26.6 39.8

Manual Integrations

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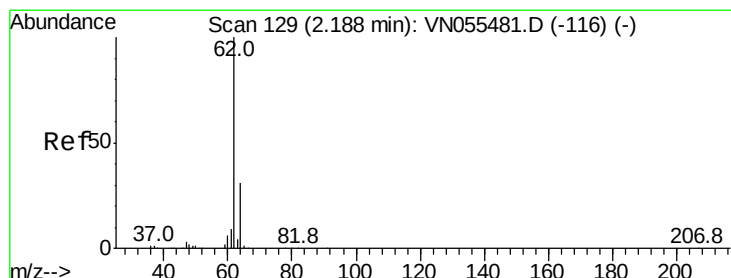
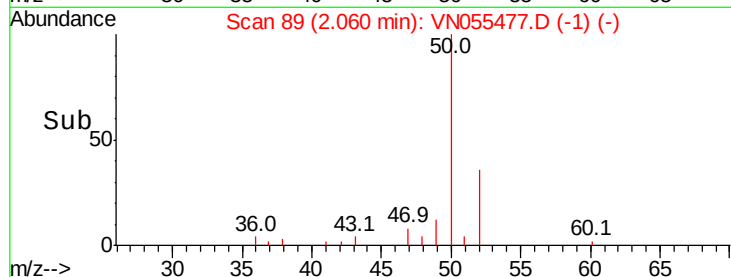
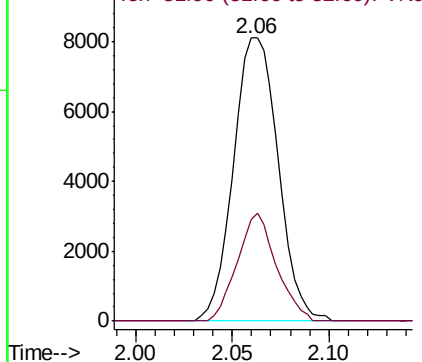
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 1.297 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN055477.D

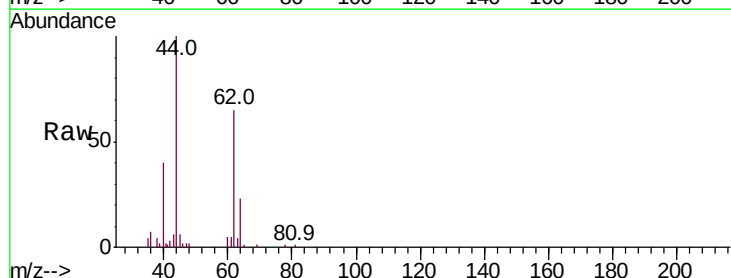
Acq: 8 May 2019 16:07

Tgt Ion: 62 Resp: 12101

Ion Ratio Lower Upper

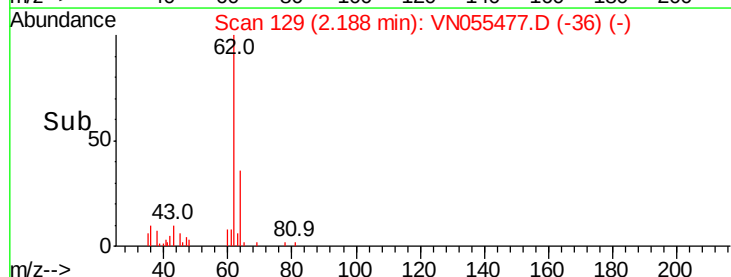
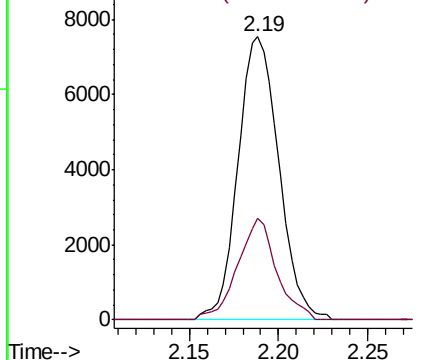
62 100

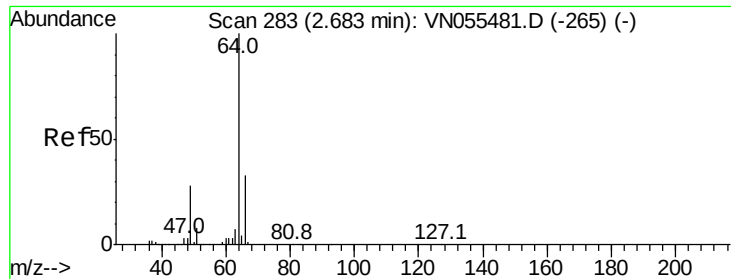
64 35.8 25.0 37.6



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#6

Chloroethane

Concen: 1.405 ug/l

RT: 2.70 min Scan# 287

Delta R.T. 0.01 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 7202

Ion Ratio Lower Upper

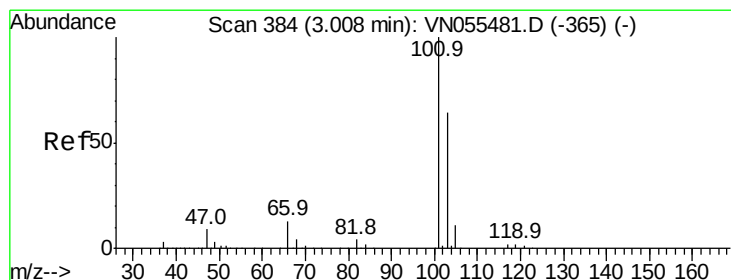
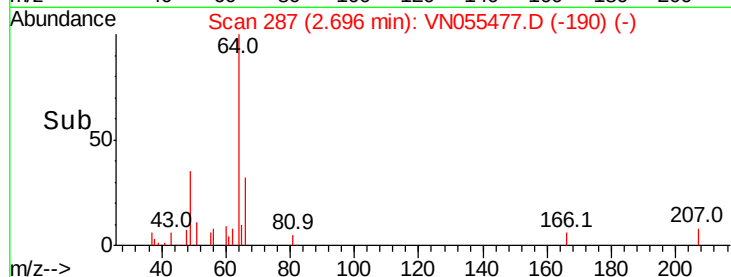
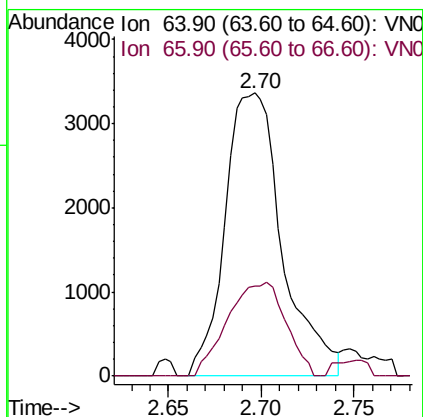
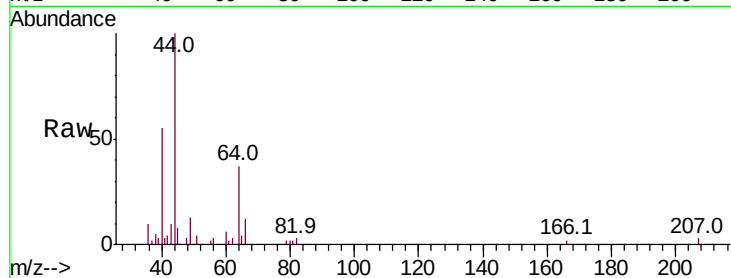
64 100

66 32.0 26.2 39.2

Manual Integrations
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#7

Trichlorofluoromethane

Concen: 1.037 ug/l

RT: 3.01 min Scan# 385

Delta R.T. 0.00 min

Lab File: VN055477.D

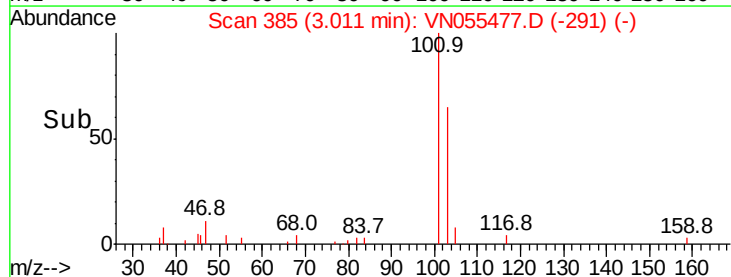
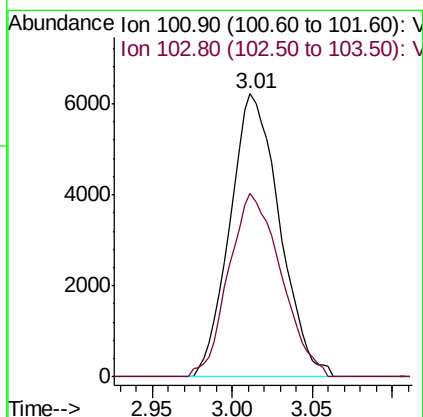
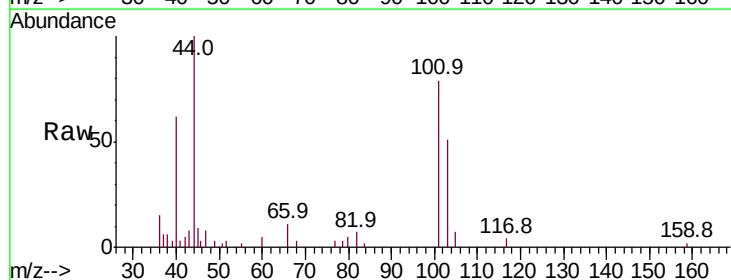
Acq: 8 May 2019 16:07

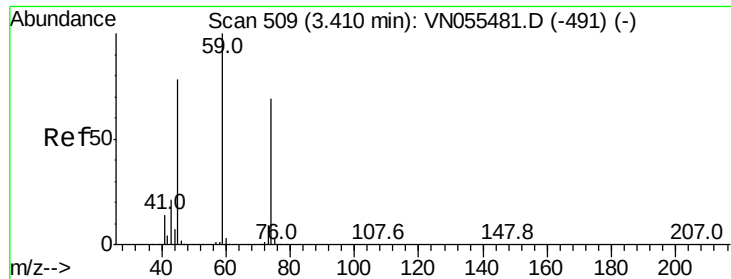
Tgt Ion: 101 Resp: 13197

Ion Ratio Lower Upper

101 100

103 64.6 51.2 76.8





#8

Diethyl Ether

Concen: 1.242 ug/l

RT: 3.41 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 5747

Ion Ratio Lower Upper

74 100

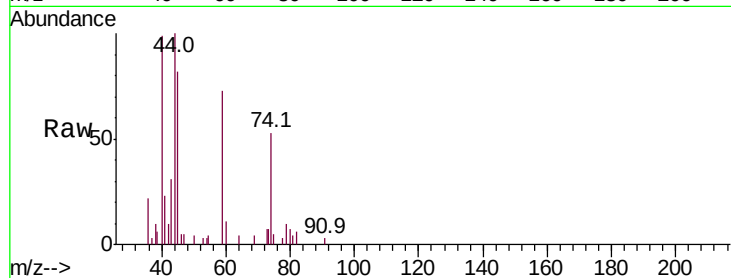
45 168.1 58.1 174.3

Manual Integrations

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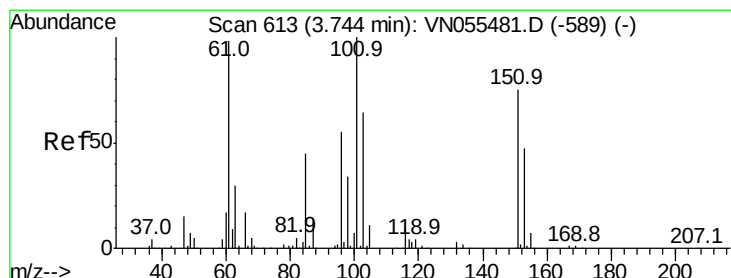
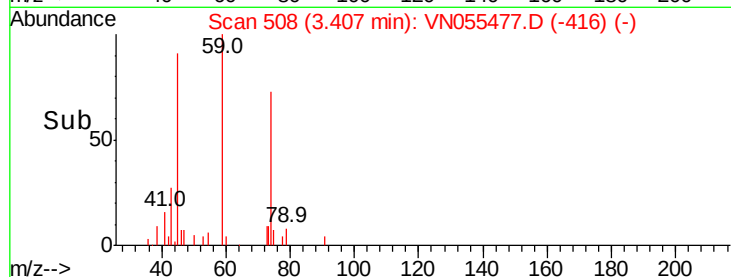
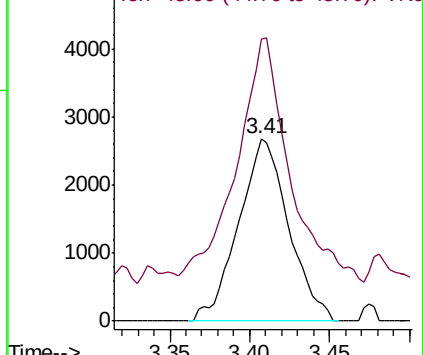
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Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.126 ug/l

RT: 3.74 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

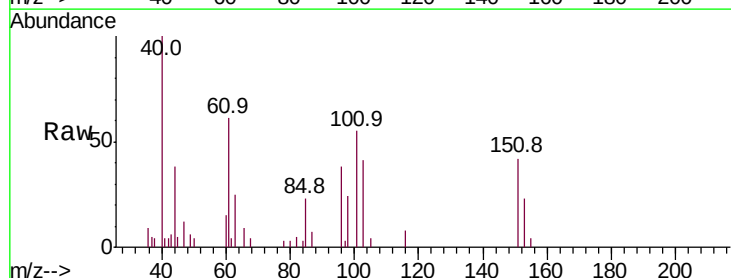
Tgt Ion: 101 Resp: 8595

Ion Ratio Lower Upper

101 100

85 43.9 35.5 53.3

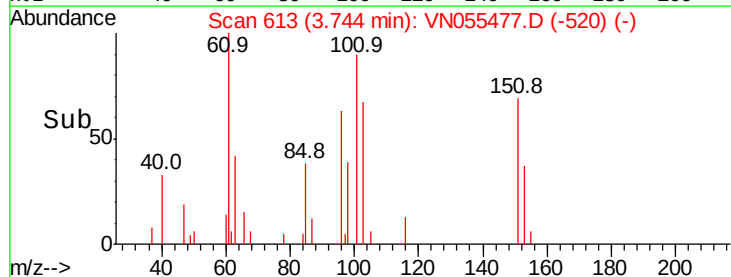
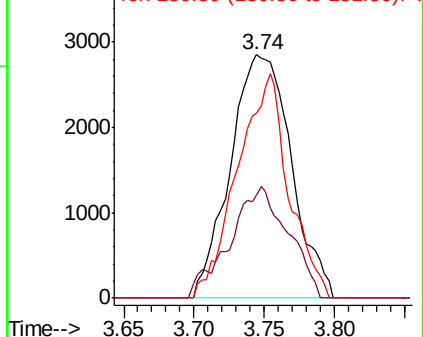
151 77.7 59.2 88.8

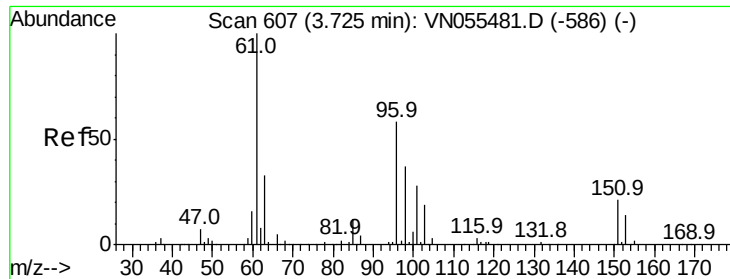


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.114 ug/l

RT: 3.73 min Scan# 609

Delta R.T. 0.01 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

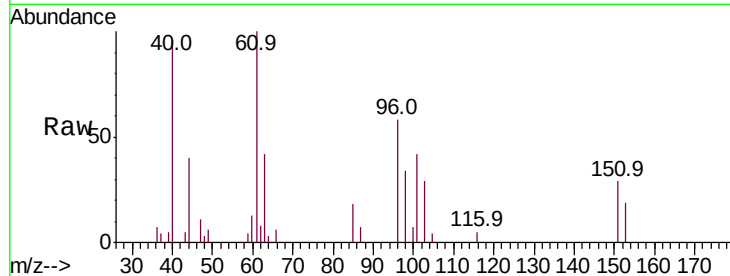
ClientSampleId :

VSTDIC001

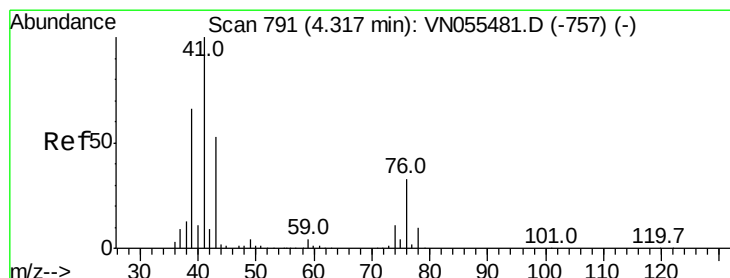
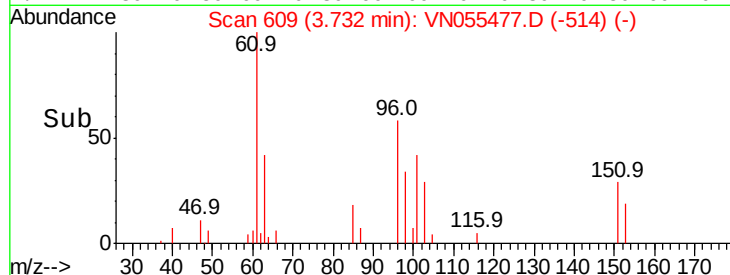
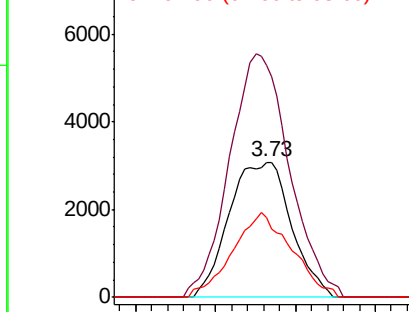
Tot Ion:	96	Resp:	8201
Ion	Ratio	Lower	Upper
96	100		
61	164.6	138.7	208.1
98	59.1	50.6	76.0

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Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#14

Allyl chloride

Concen: 1.122 ug/l

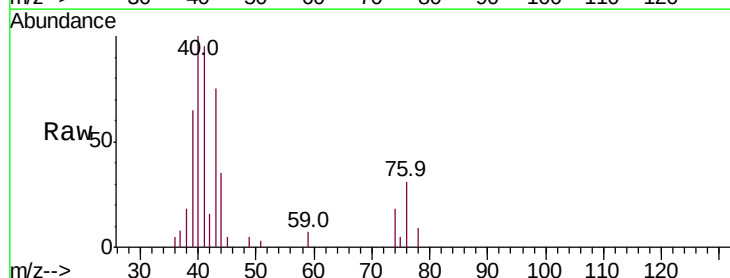
RT: 4.32 min Scan# 792

Delta R.T. 0.00 min

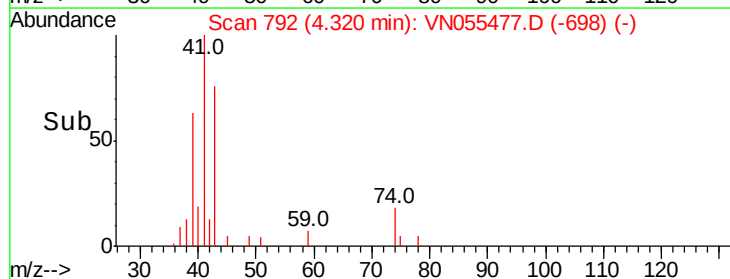
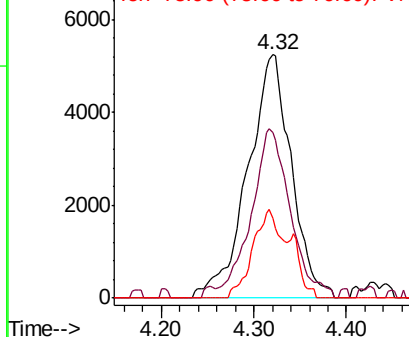
Lab File: VN055477.D

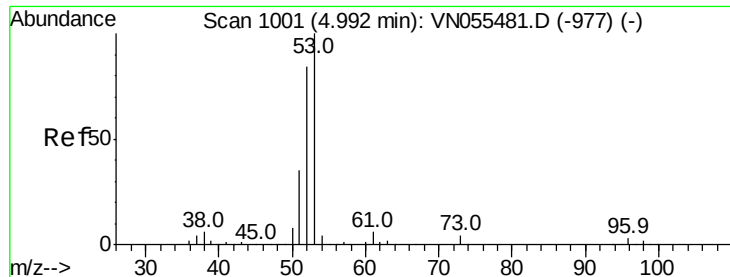
Acq: 8 May 2019 16:07

Tgt Ion:	41	Resp:	17098
Ion	Ratio	Lower	Upper
41	100		
39	62.6	49.8	74.8
76	24.1	23.5	35.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0





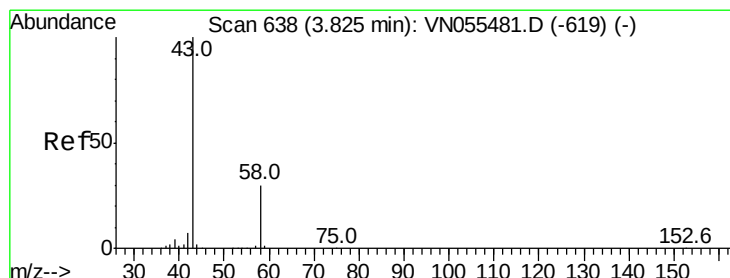
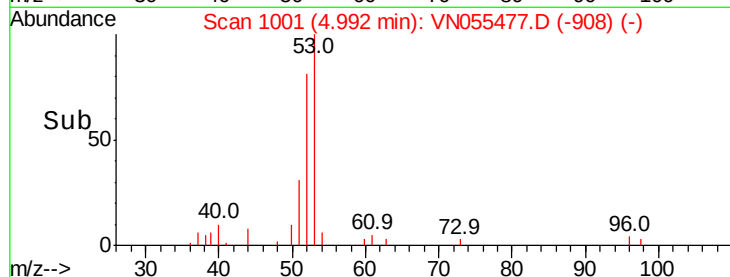
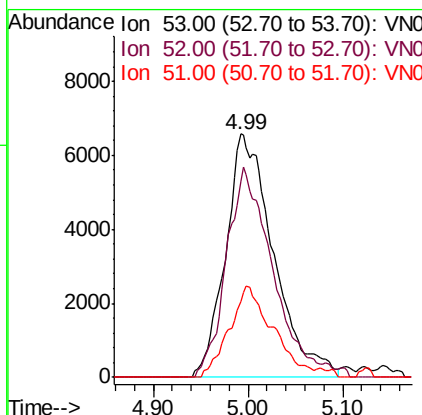
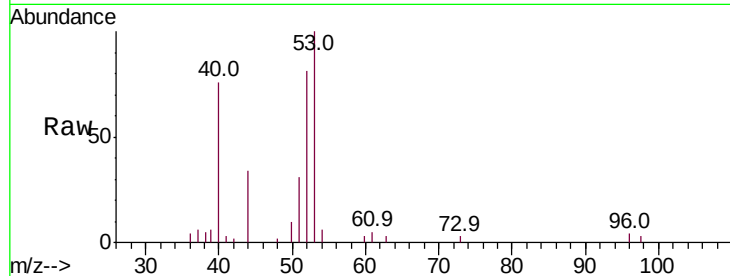
#15
 Acrylonitrile
 Concen: 6.778 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.1	99.1
51	33.8	28.3	42.5

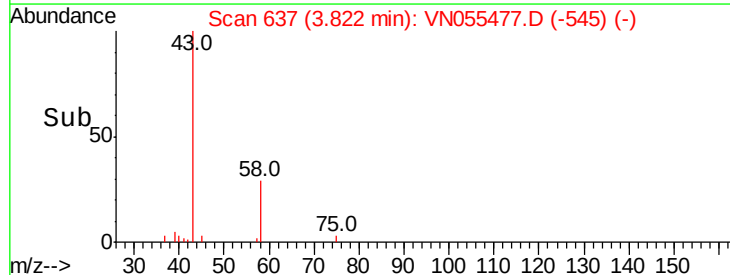
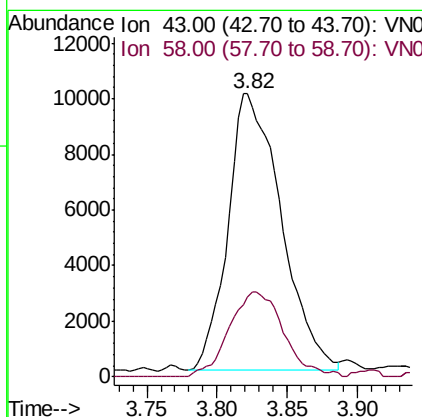
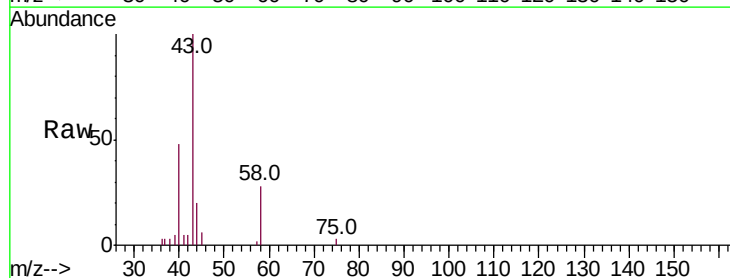
Manual Integrations
 APPROVED

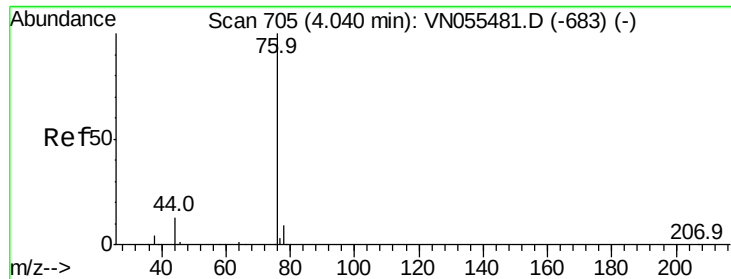
MMDadoda
 5/9/2019 6:32:36 PM



#16
 Acetone
 Concen: 7.840 ug/l
 RT: 3.82 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.0	24.2	36.2





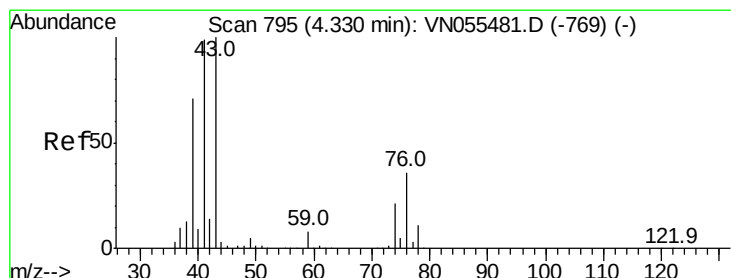
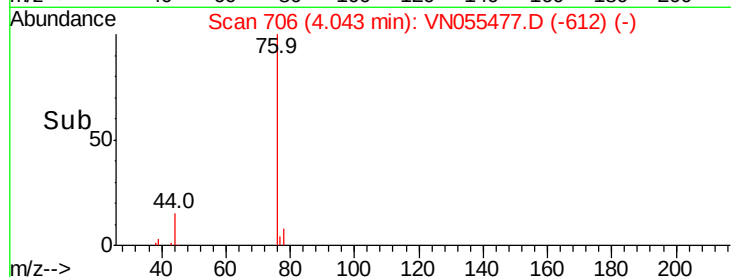
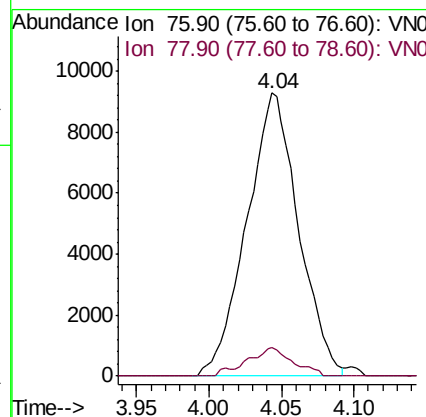
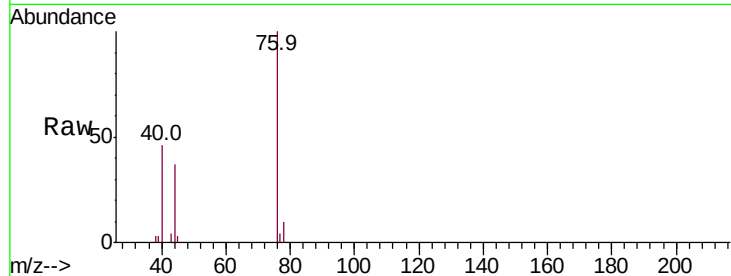
#17
Carbon Disulfide
Concen: 1.196 ug/l
RT: 4.04 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 76 Resp: 23087
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0

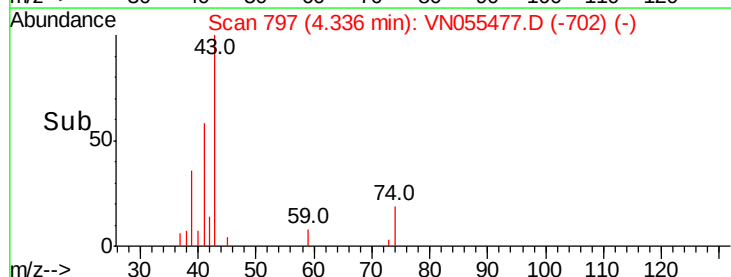
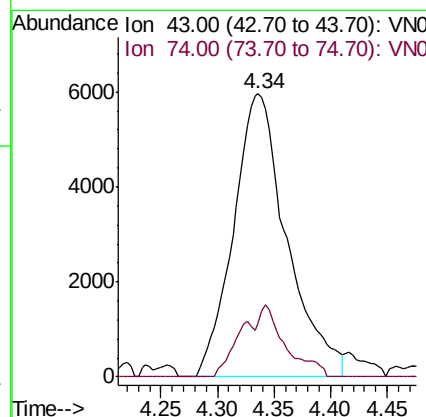
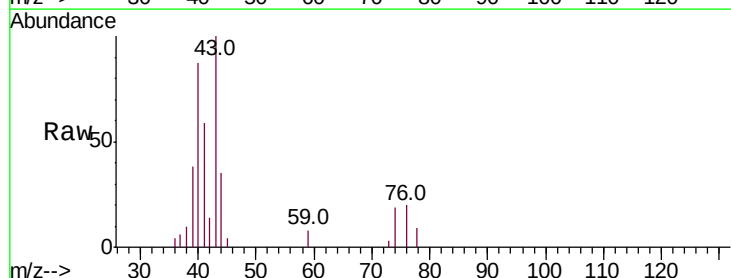
Manual Integrations
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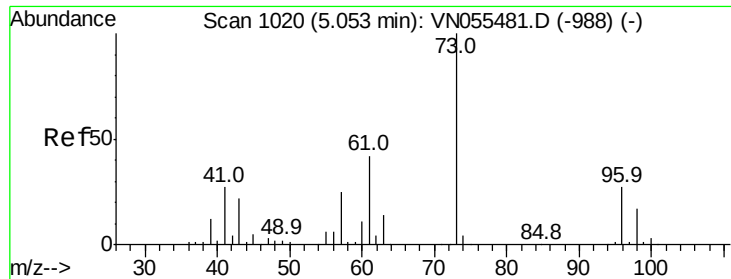
MMDadoda
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#18
Methyl Acetate
Concen: 2.114 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Tgt Ion: 43 Resp: 19515
Ion Ratio Lower Upper
43 100
74 12.9 16.3 24.5#





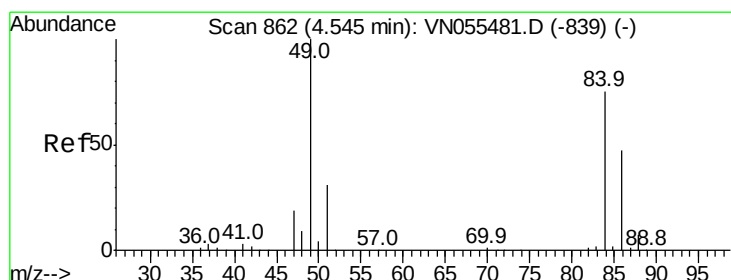
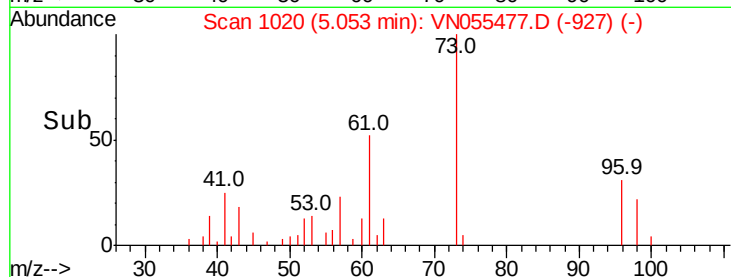
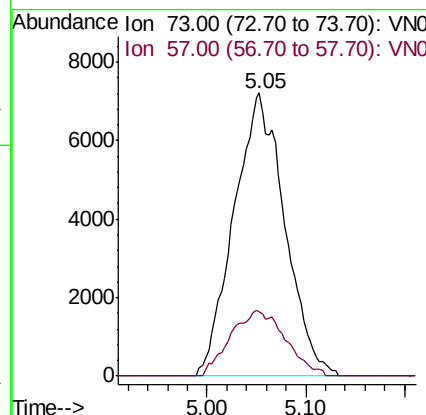
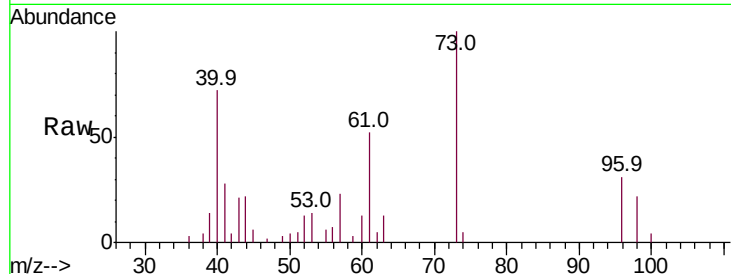
#19
Methyl tert-butyl Ether
Concen: 1.208 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 73 Resp: 25747
Ion Ratio Lower Upper
73 100
57 22.8 20.0 30.0

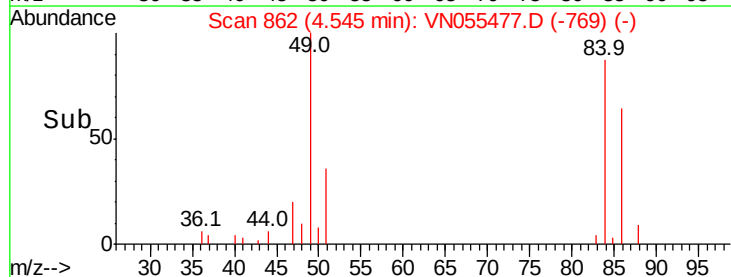
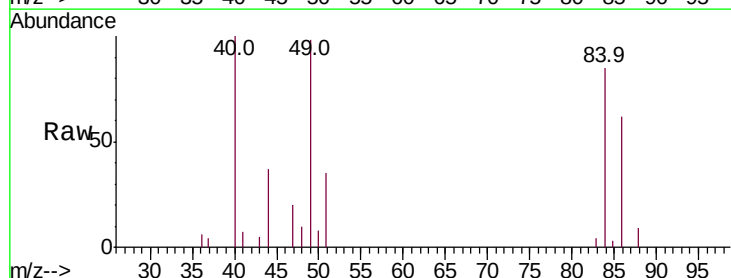
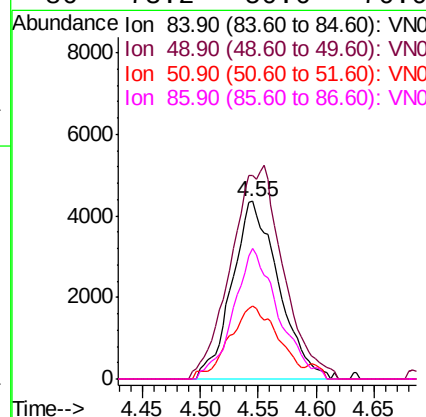
Manual Integrations
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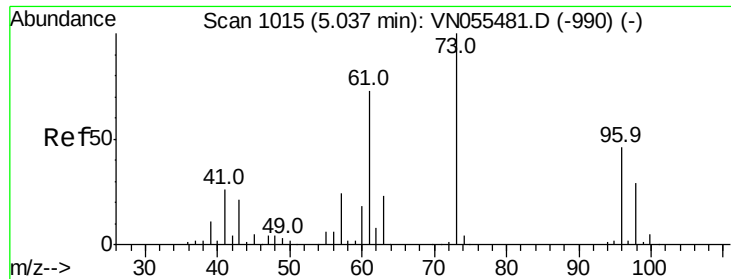
MMDadoda
5/9/2019 6:32:36 PM



#20
Methylene Chloride
Concen: 1.308 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Tgt Ion: 84 Resp: 12194
Ion Ratio Lower Upper
84 100
49 114.4 107.0 160.6
51 40.7 33.0 49.4
86 73.2 50.6 76.0





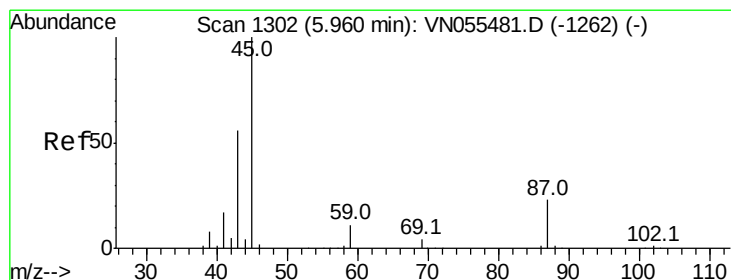
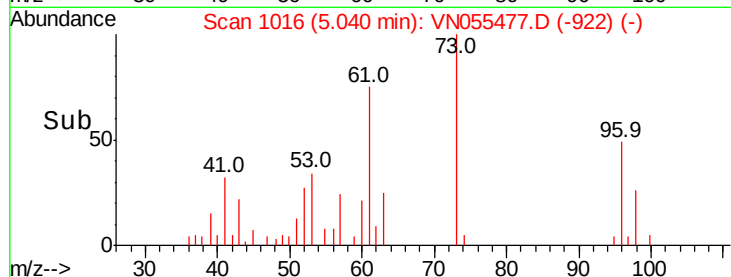
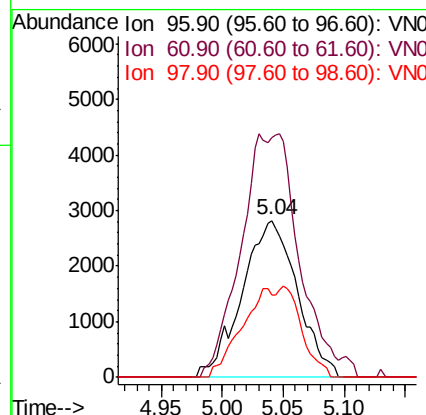
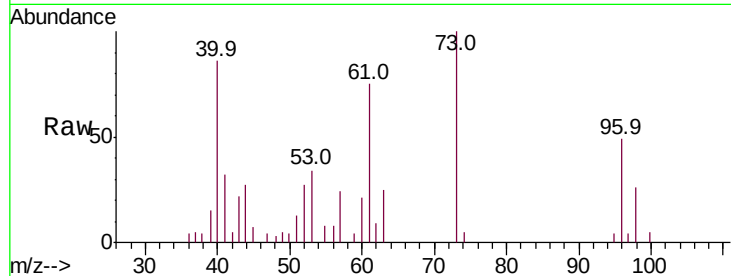
#21
trans-1,2-Dichloroethene
Concen: 1.134 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.6	127.4	191.0
98	52.7	51.6	77.4

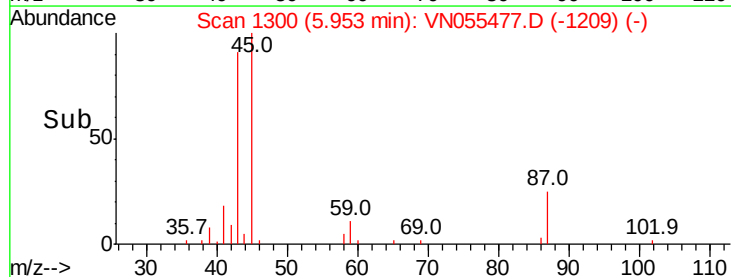
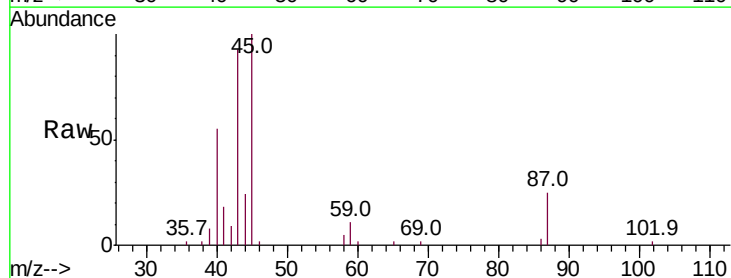
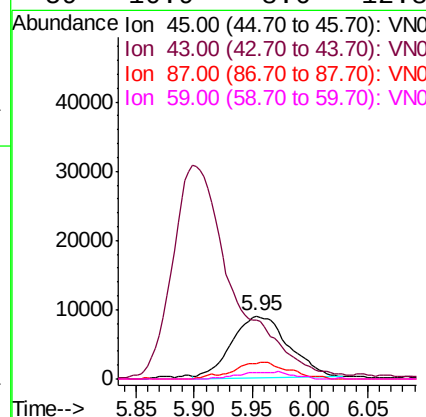
Manual Integrations
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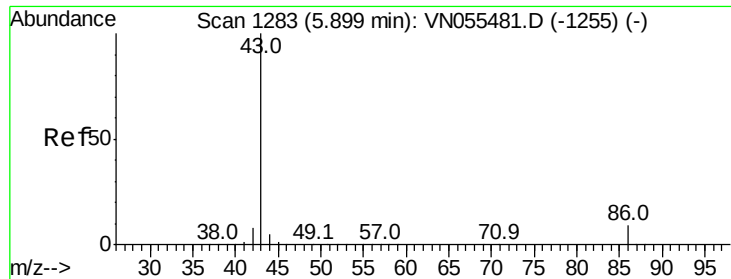
MMDadoda
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#22
Diisopropyl ether
Concen: 0.997 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Lower	Upper
45	100		
43	88.4	44.6	66.8#
87	26.3	18.6	28.0
59	10.9	8.6	12.8





#23

Vinyl Acetate

Concen: 5.390 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 111030

Ion Ratio Lower Upper

43 100

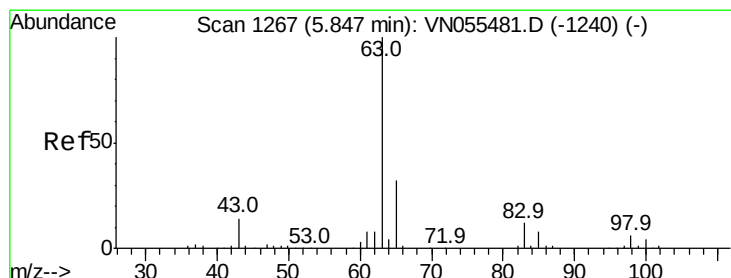
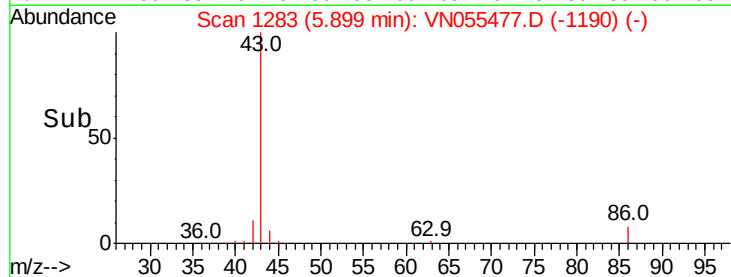
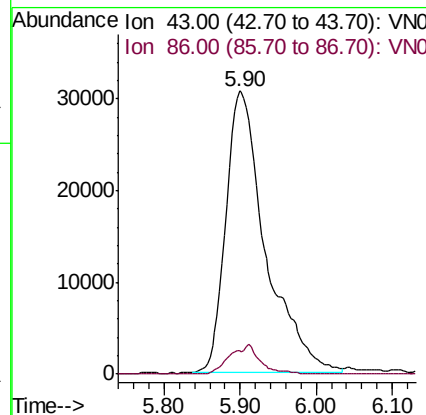
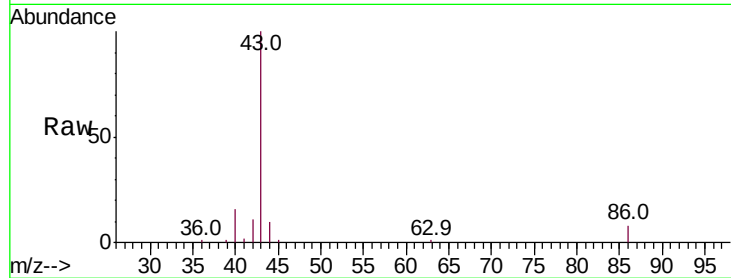
86 8.5 7.1 10.7

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 1.150 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

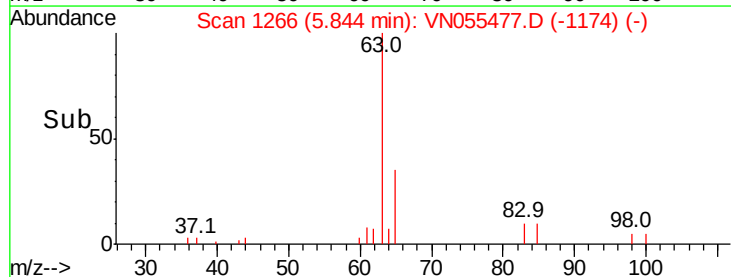
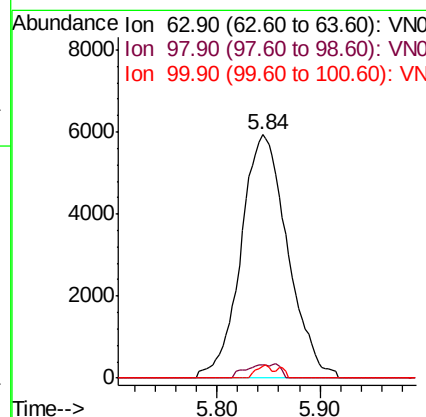
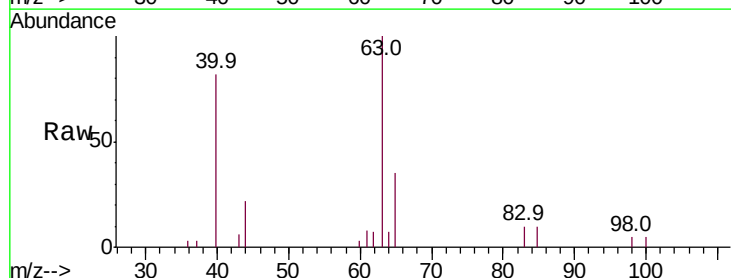
Tgt Ion: 63 Resp: 18656

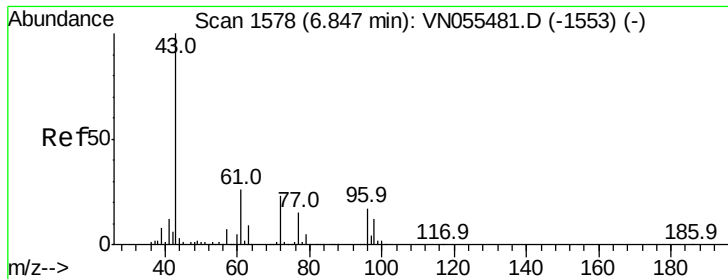
Ion Ratio Lower Upper

63 100

98 5.3 3.0 9.0

100 4.7 1.9 5.7





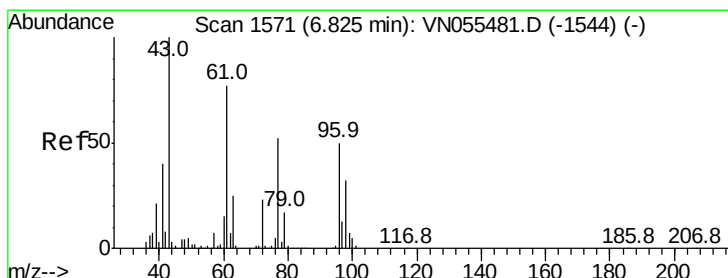
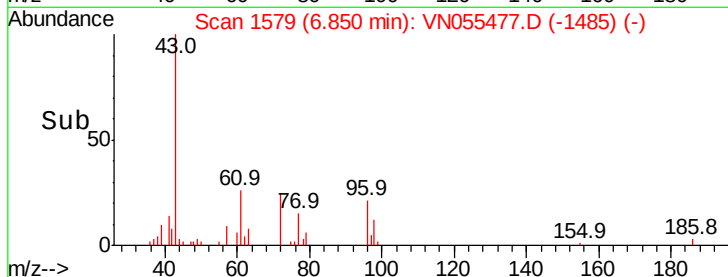
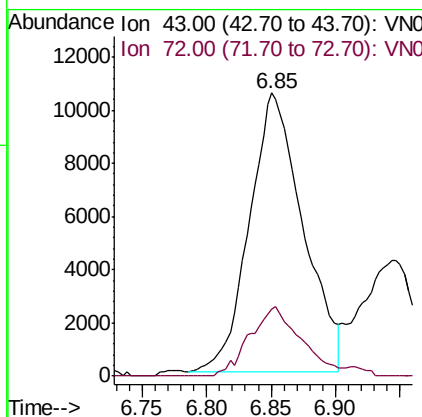
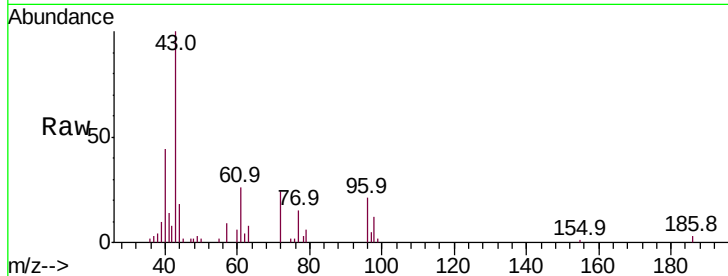
#25
2-Butanone
Concen: 6.888 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 30218
Ion Ratio Lower Upper
43 100
72 24.2 18.6 27.8

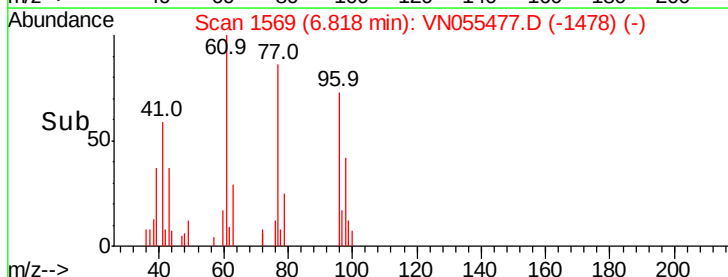
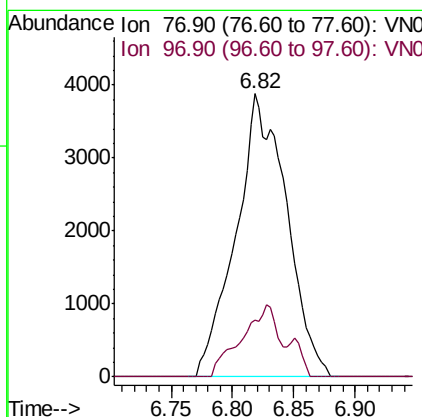
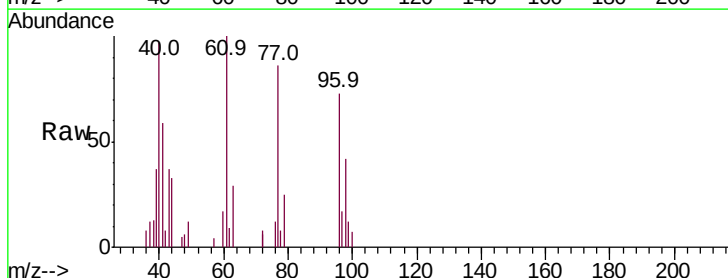
Manual Integrations
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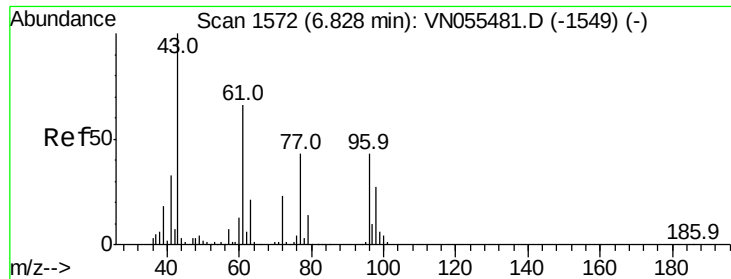
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#26
2,2-Dichloropropane
Concen: 1.007 ug/l m
RT: 6.82 min Scan# 1569
Delta R.T. -0.01 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Tgt Ion: 77 Resp: 11123
Ion Ratio Lower Upper
77 100
97 18.7 11.5 34.5





#27

cis-1,2-Dichloroethene

Concen: 1.136 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. -0.01 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

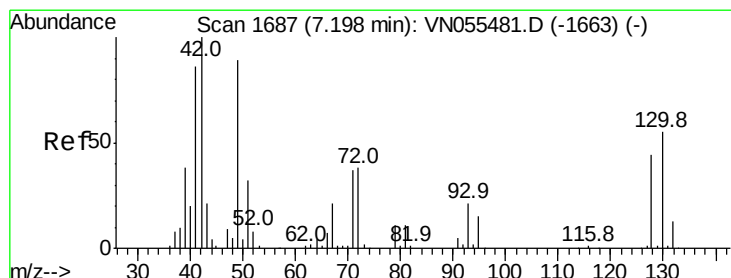
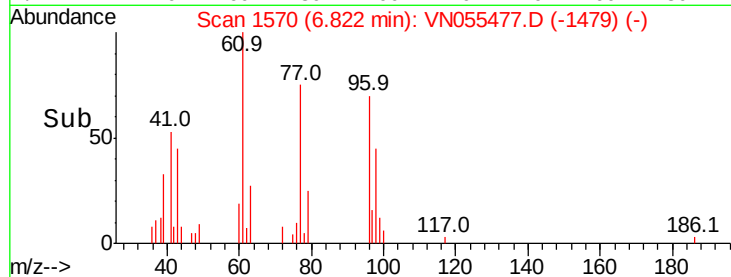
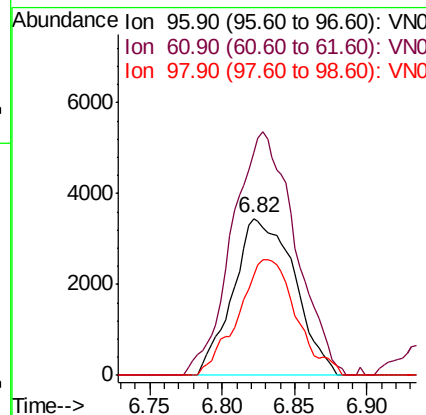
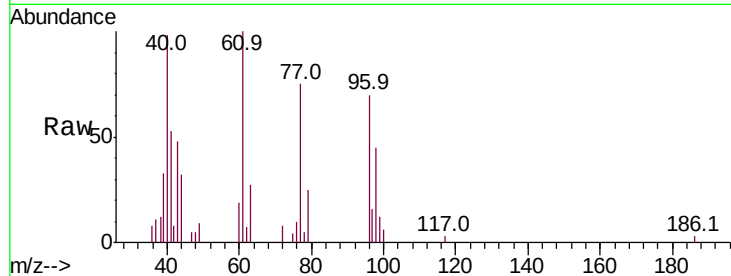
ClientSampled :

VSTDIC001

Tot Ion:	96	Resp:	10157
Ion Ratio	Lower	Upper	
96	100		
61	159.4	0.0	310.8
98	69.4	0.0	129.4

Manual Integrations
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5/9/2019 6:32:36 PM



#28

Bromochloromethane

Concen: 1.175 ug/l

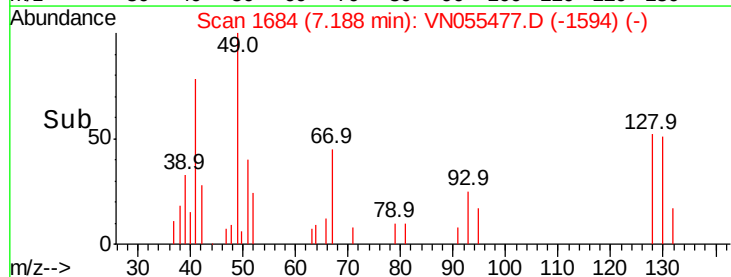
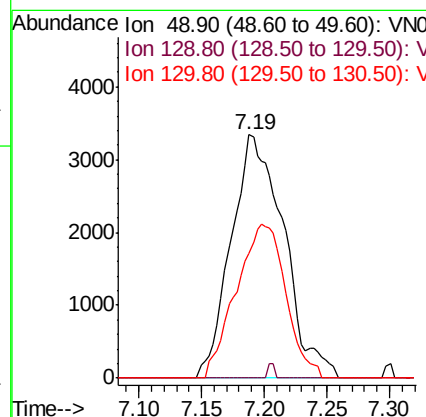
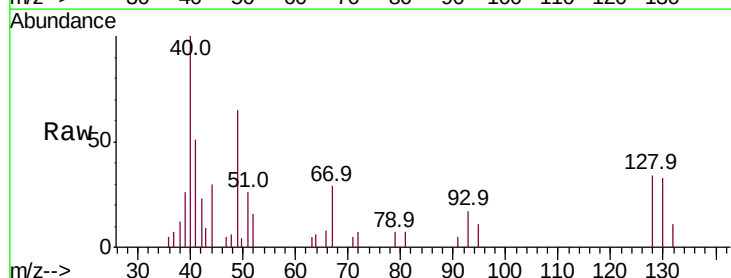
RT: 7.19 min Scan# 1684

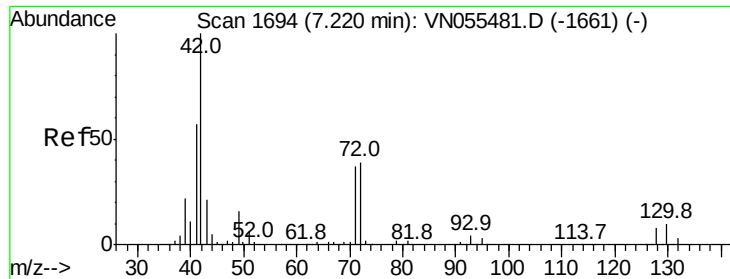
Delta R.T. -0.01 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Tgt Ion:	49	Resp:	9722
Ion Ratio	Lower	Upper	
49	100		
129	0.8	0.0	3.2
130	59.6	49.5	74.3





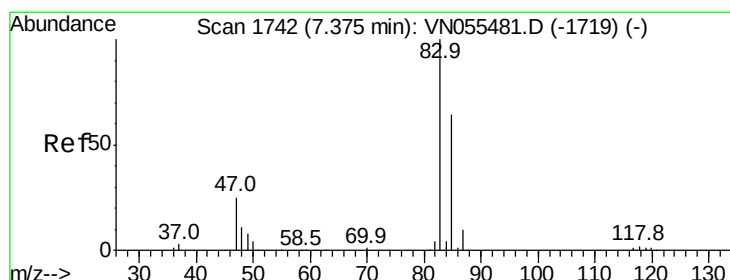
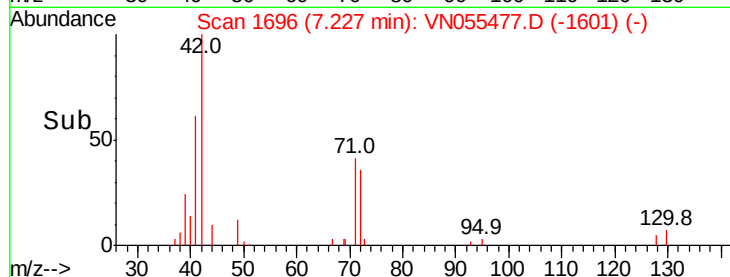
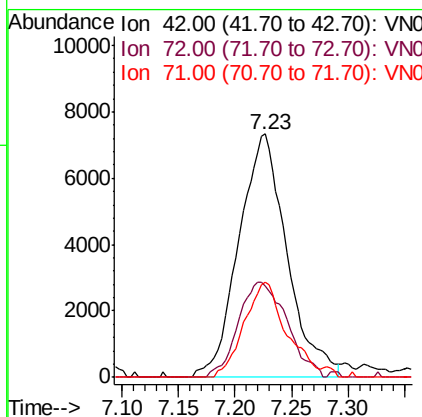
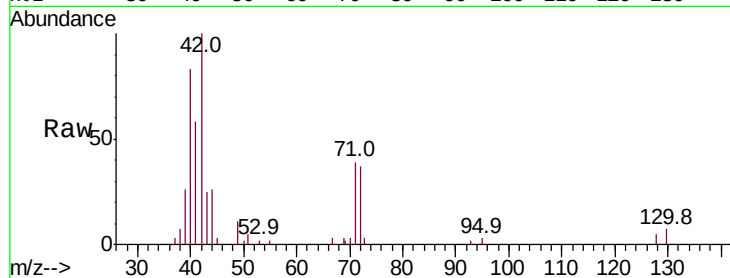
#29
Tetrahydrofuran
Concen: 7.718 ug/l
RT: 7.23 min Scan# 1696
Delta R.T. 0.01 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:	42	Resp:	21693
Ion Ratio	Lower	Upper	
42	100		
72	39.4	31.0	46.6
71	34.1	29.4	44.2

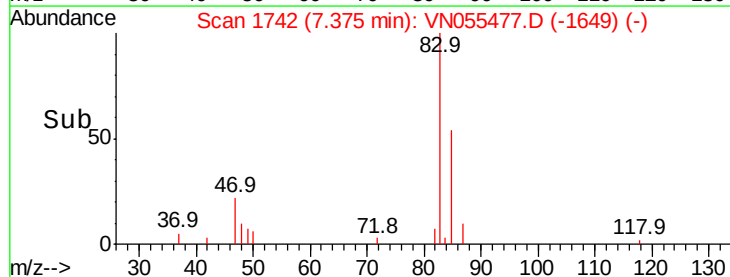
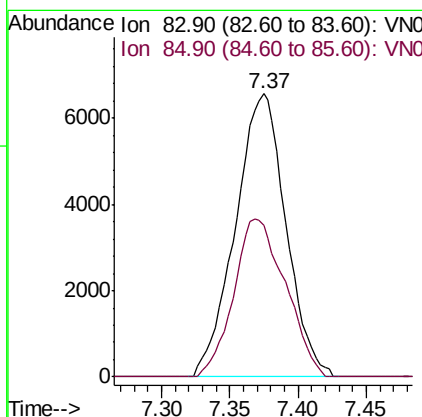
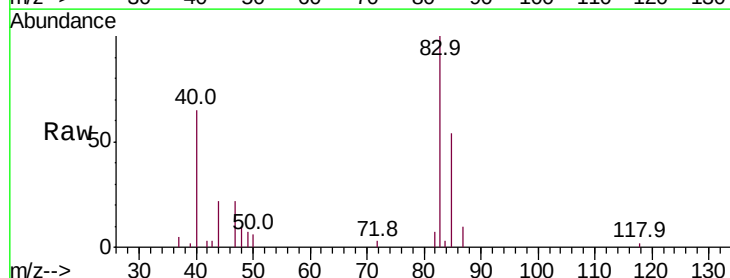
Manual Integrations
APPROVED

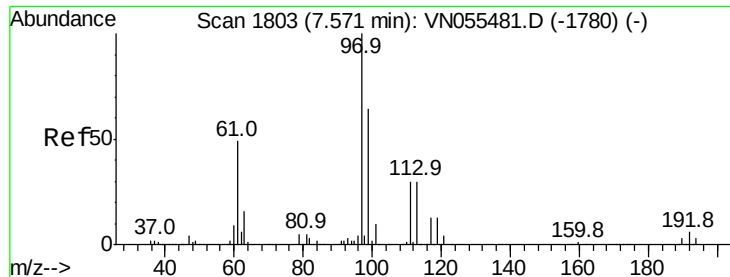
MMDadoda
5/9/2019 6:32:36 PM



#30
Chloroform
Concen: 1.101 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Tgt Ion:	83	Resp:	16872
Ion Ratio	Lower	Upper	
83	100		
85	53.5	51.3	76.9





#32

1,1,1-Trichloroethane

Concen: 1.039 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.01 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 12803

Ion Ratio Lower Upper

97 100

99 0.0 51.2 76.8#

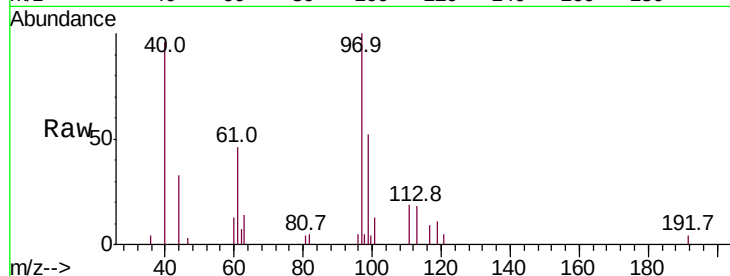
61 50.5 39.2 58.8

Manual Integrations

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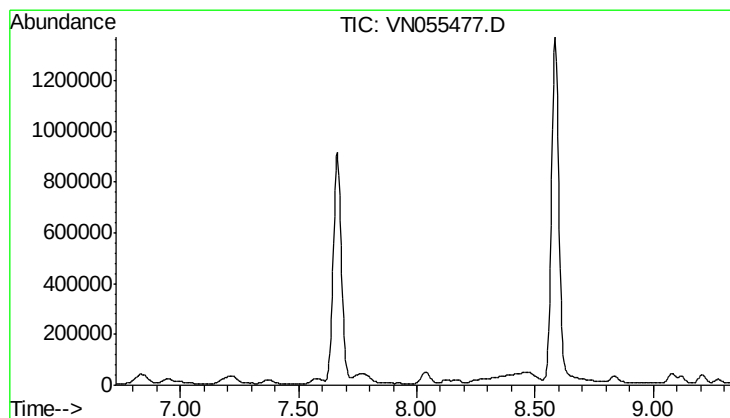
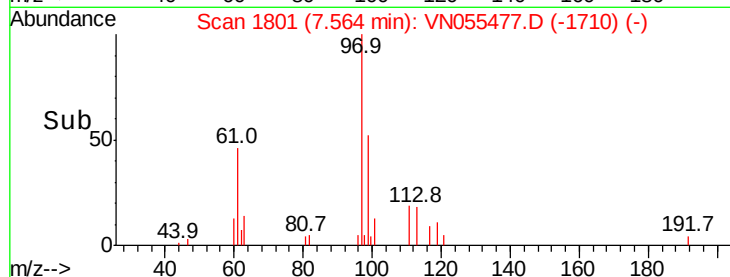
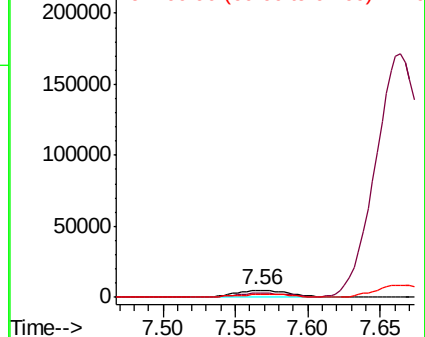


Abundance

Ion 96.90 (96.60 to 97.60): VN055477.D

Ion 98.90 (98.60 to 99.60): VN055477.D

Ion 60.90 (60.60 to 61.60): VN055477.D



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.03 min

Lab File: VN055477.D

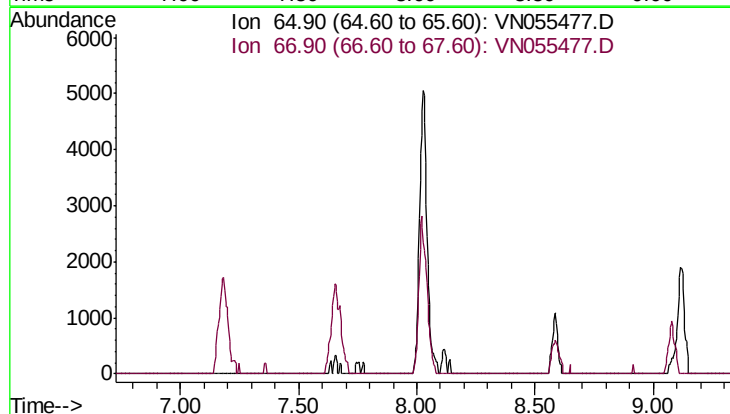
Acq: 8 May 2019 16:07

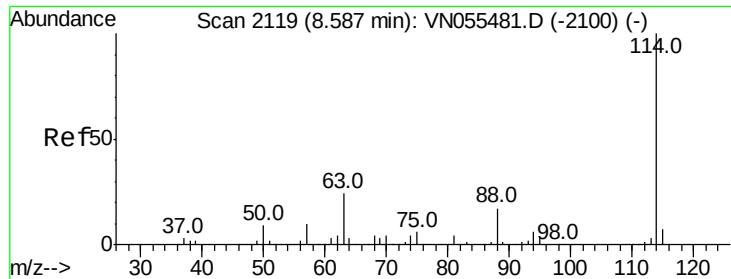
Tgt Ion: 65

Sig Exp Ratio

65 100

67 54.8





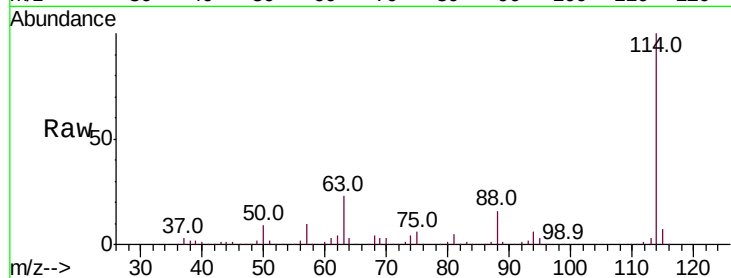
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

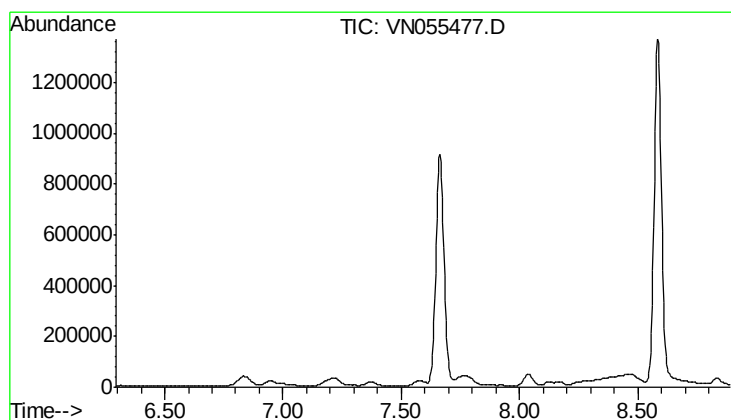
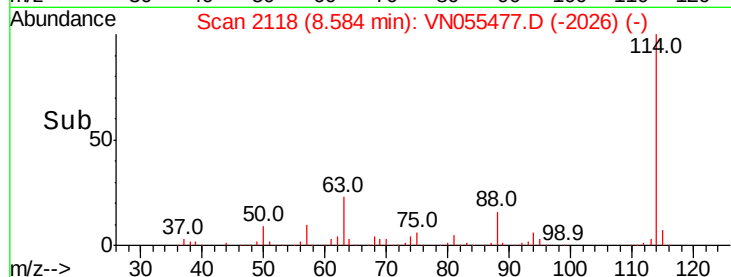
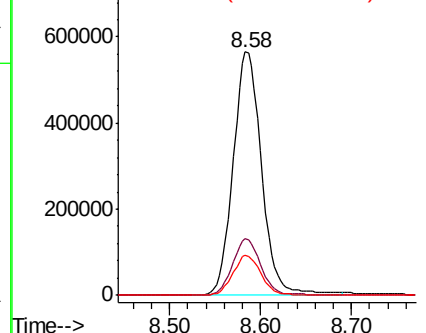
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.2	0.0	47.4
88	16.4	0.0	34.0

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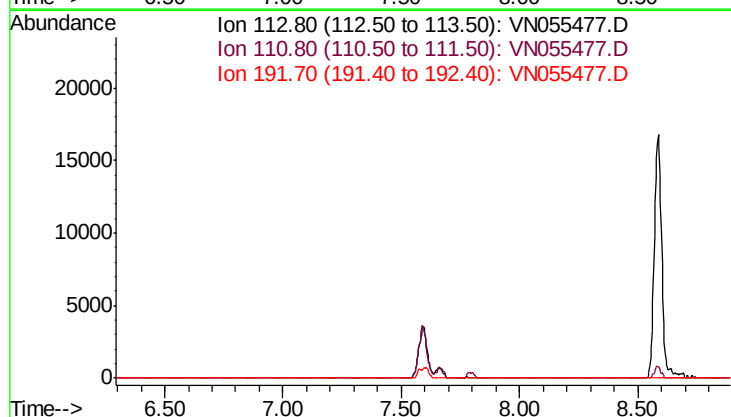


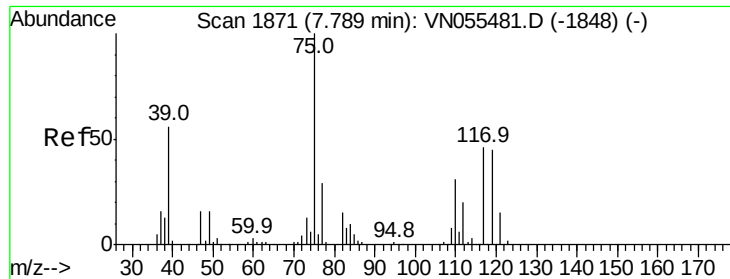
Abundance Ion 113.90 (113.60 to 114.60): VN055477.D
 Ion 63.00 (62.70 to 63.70): VN055477.D
 Ion 87.90 (87.60 to 88.60): VN055477.D



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.59 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Tgt Ion	Exp Ratio
113	100
111	103.6
192	19.5





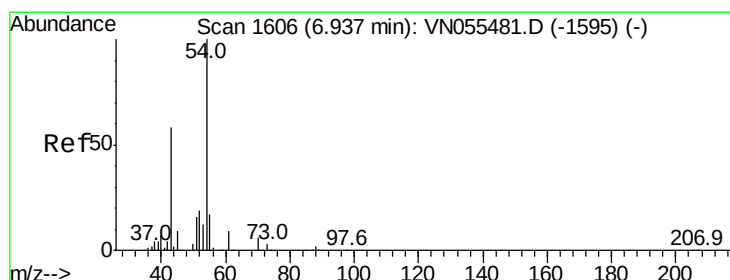
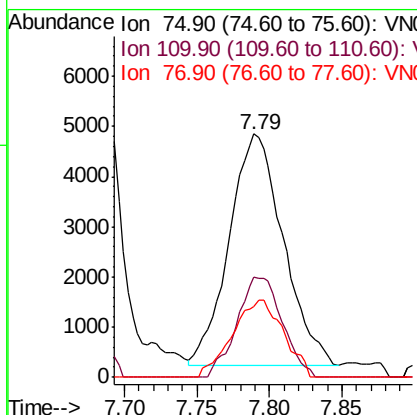
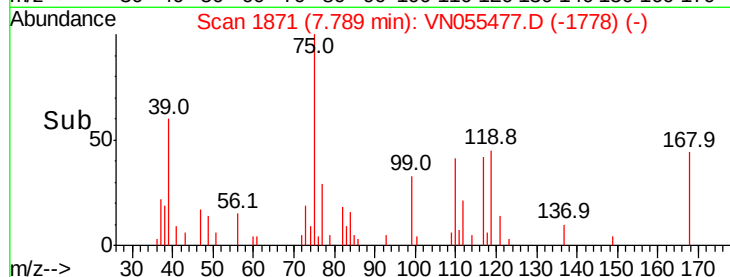
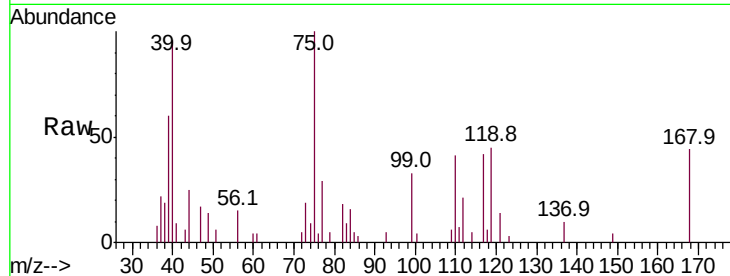
#36
 1,1-Dichloropropene
 Concen: 0.994 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.5	16.1	48.3
77	31.6	24.6	37.0

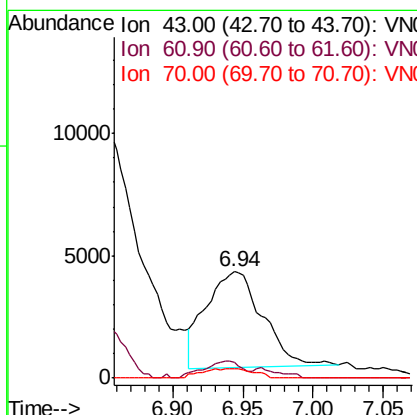
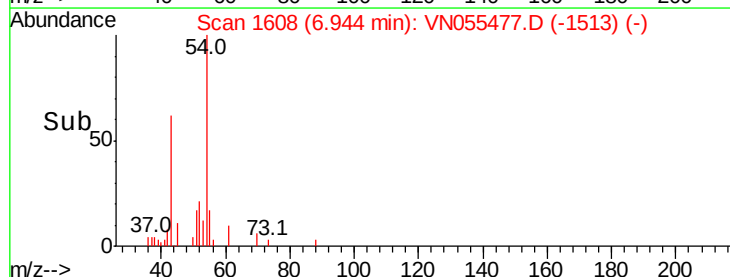
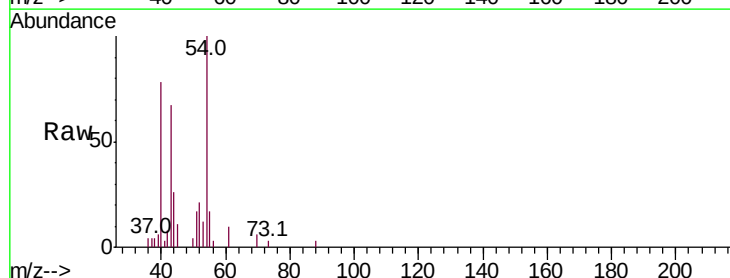
Manual Integrations
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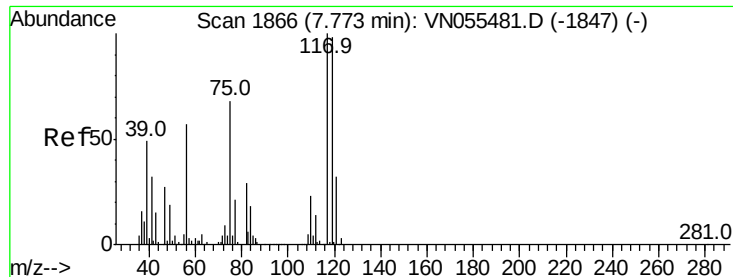
MMDadoda
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#37
 Ethyl Acetate
 Concen: 1.103 ug/l
 RT: 6.94 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	11.7	10.9	16.3
70	9.1	7.0	10.6





#38

Carbon Tetrachloride

Concen: 1.051 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.01 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

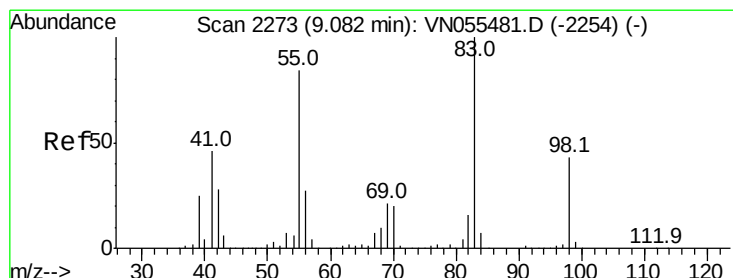
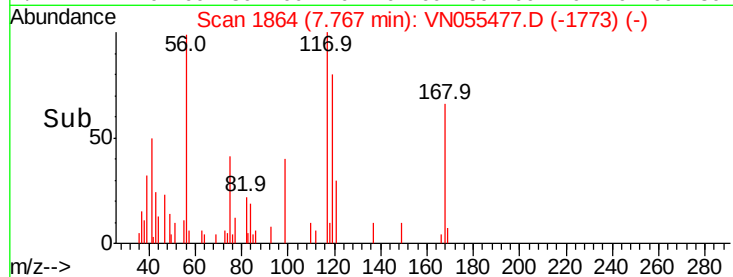
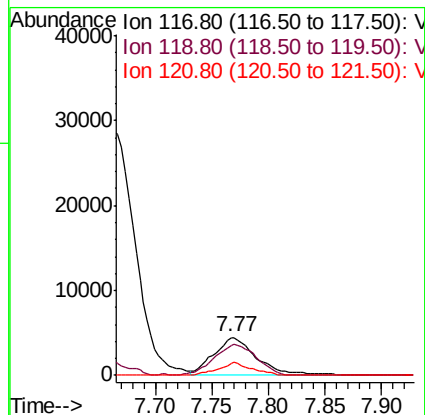
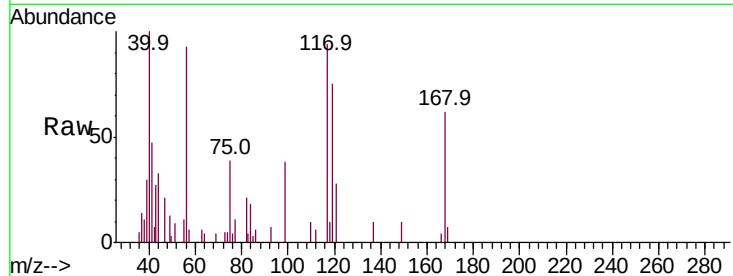
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	11813
Ion	Ratio	Lower	Upper
117	100		
119	79.9	77.8	116.6
121	30.2	25.2	37.8

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#39

Methylcyclohexane

Concen: 1.213 ug/l

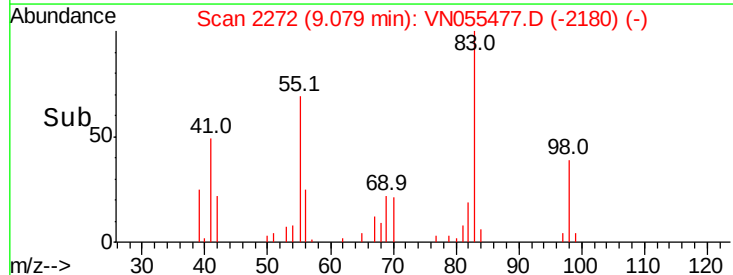
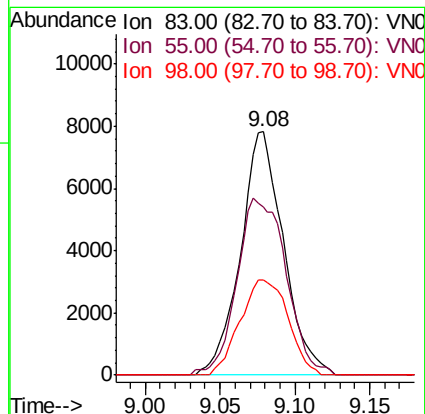
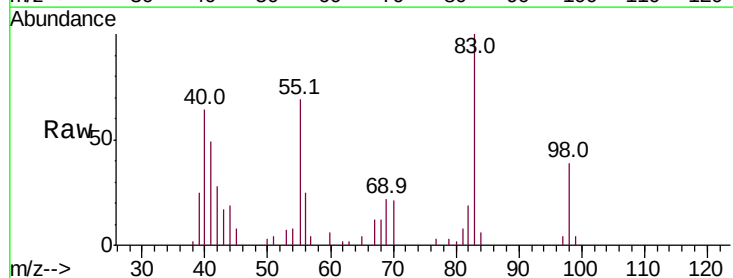
RT: 9.08 min Scan# 2272

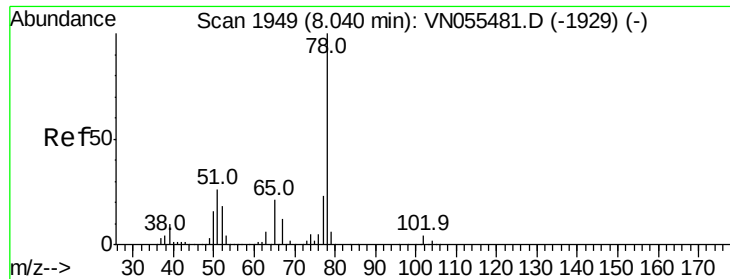
Delta R.T. -0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Tgt Ion:	83	Resp:	15669
Ion	Ratio	Lower	Upper
83	100		
55	69.1	67.0	100.4
98	39.1	34.2	51.4





#40

Benzene

Concen: 1.048 ug/l

RT: 8.05 min Scan# 1951

Delta R.T. 0.01 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 37125

Ion Ratio Lower Upper

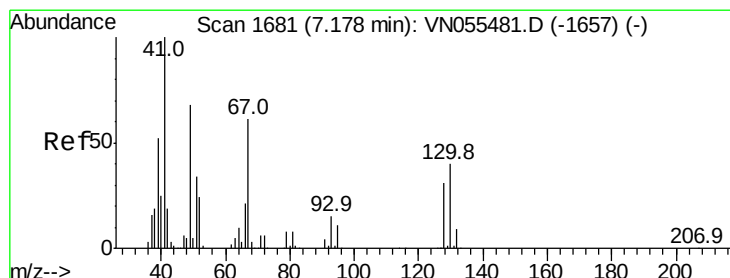
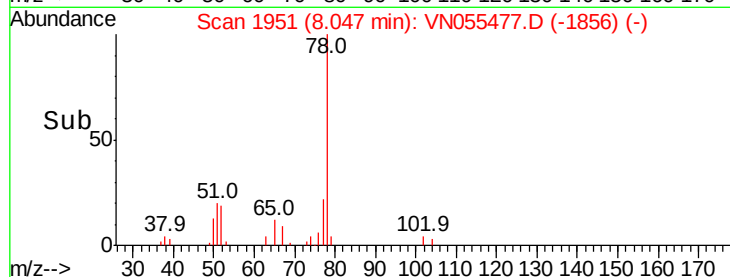
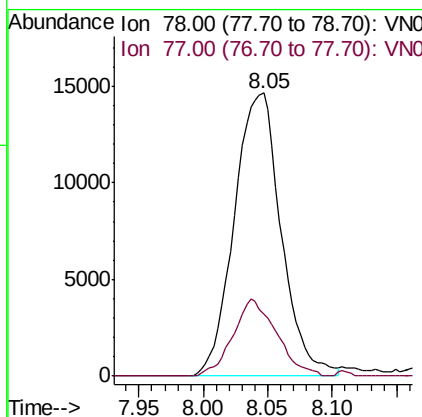
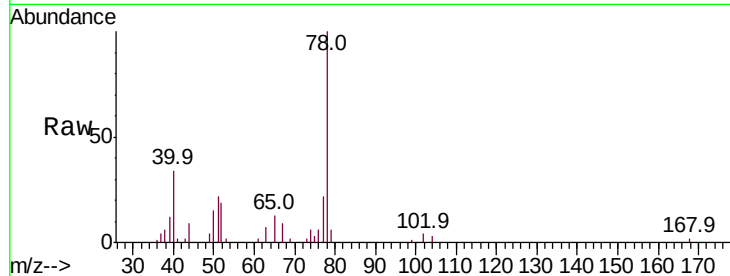
78 100

77 22.1 18.6 27.8

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#41

Methacrylonitrile

Concen: 1.224 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Tgt Ion: 41 Resp: 6249

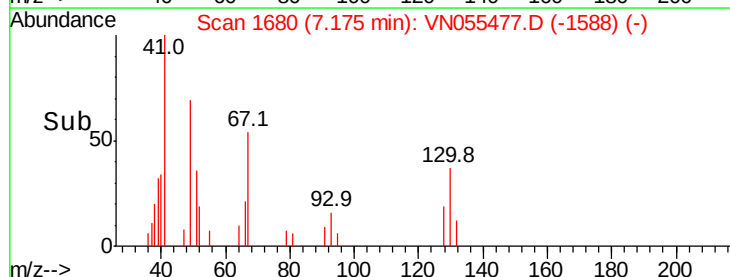
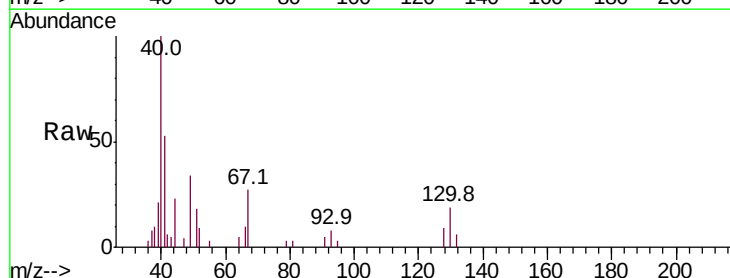
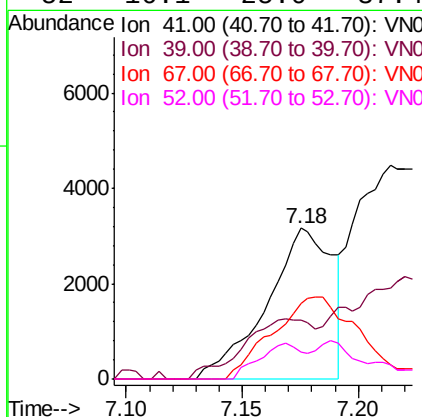
Ion Ratio Lower Upper

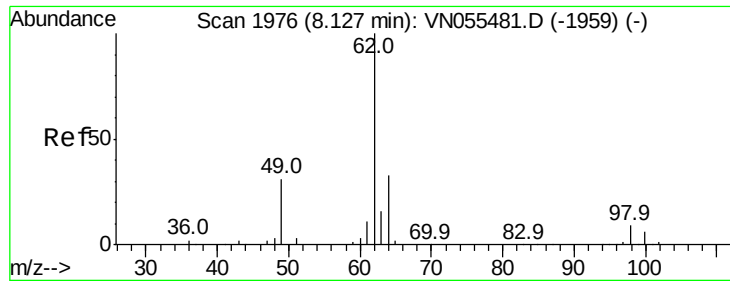
41 100

39 41.8 44.7 67.1#

67 0.0 61.4 92.0#

52 16.1 25.0 37.4#





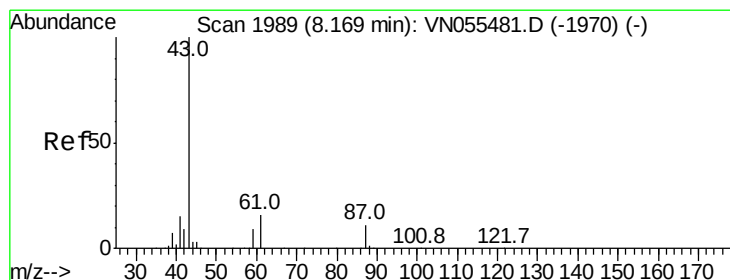
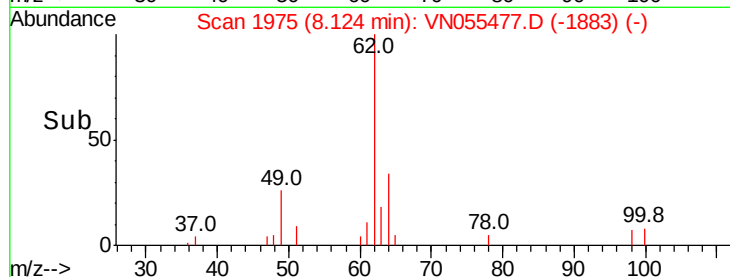
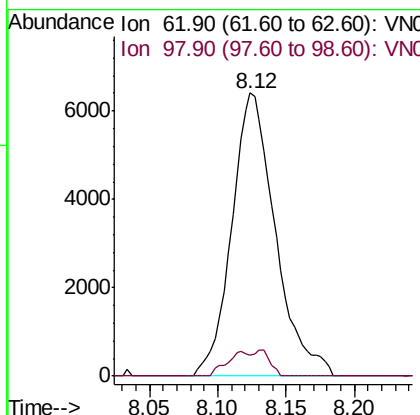
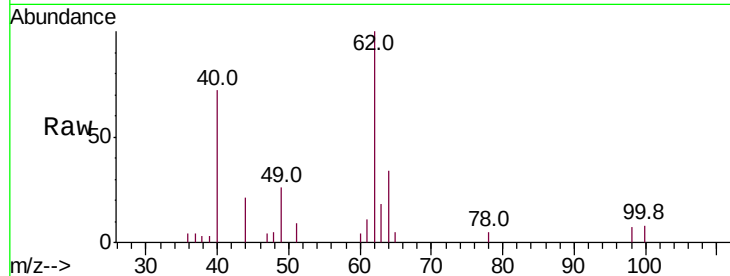
#42
 1,2-Dichloroethane
 Concen: 1.137 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	4.7	0.0	17.4

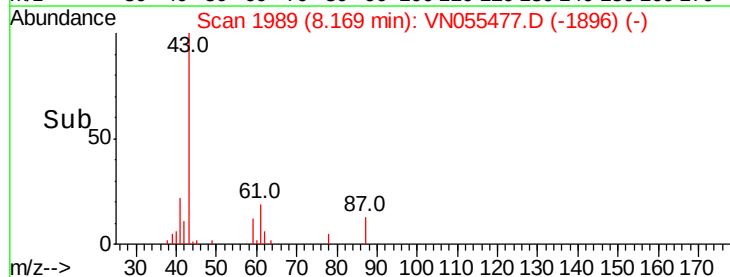
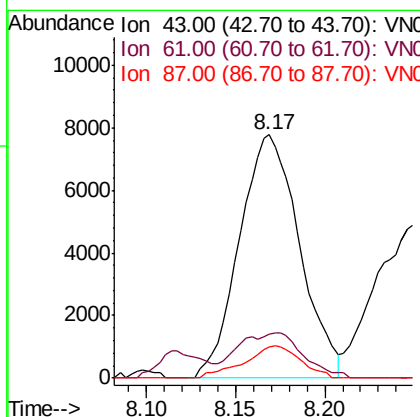
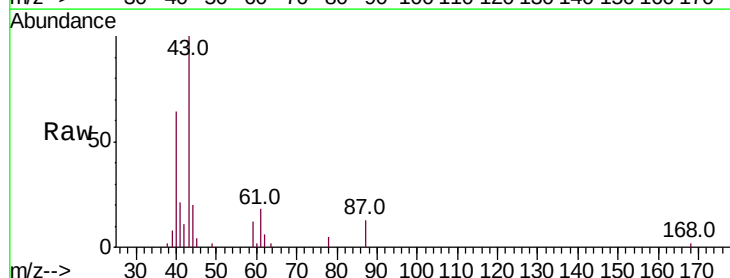
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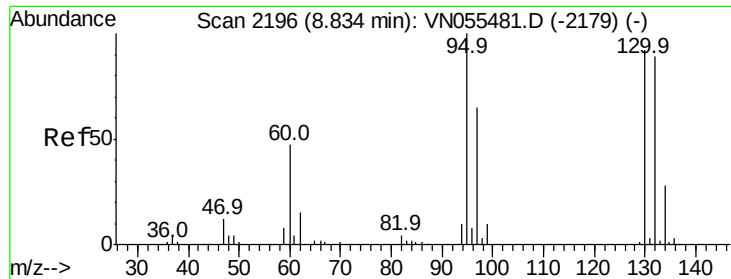
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#43
 Isopropyl Acetate
 Concen: 1.167 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	4.3	15.1	22.7#
87	12.4	9.0	13.6





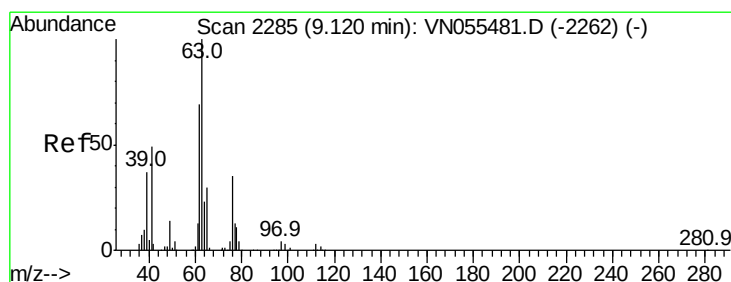
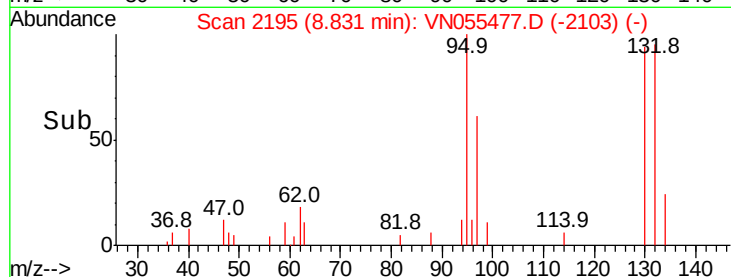
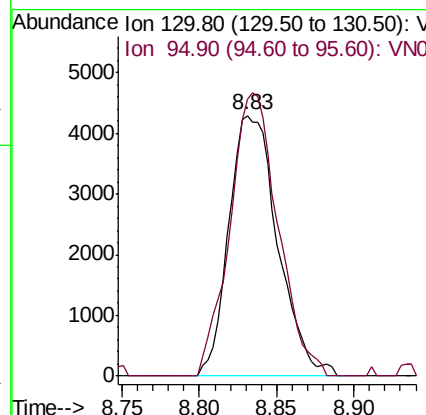
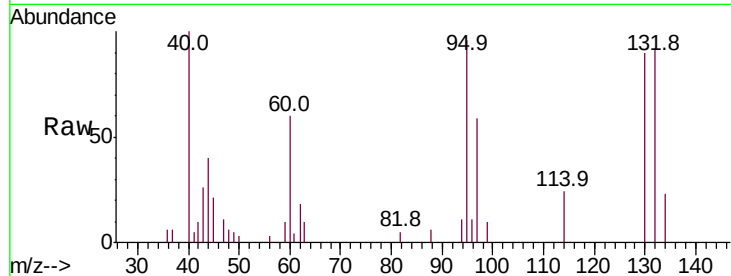
#44
 Trichloroethene
 Concen: 1.055 ug/l
 RT: 8.83 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:130 Resp: 9417
 Ion Ratio Lower Upper
 130 100
 95 106.3 0.0 216.8

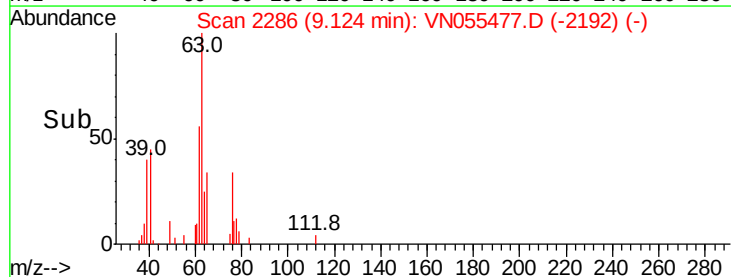
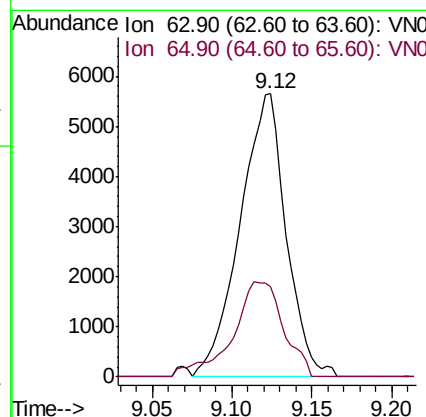
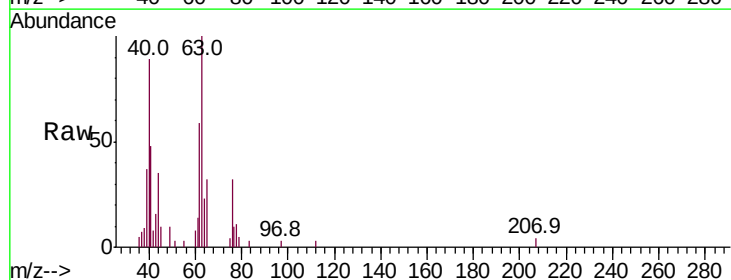
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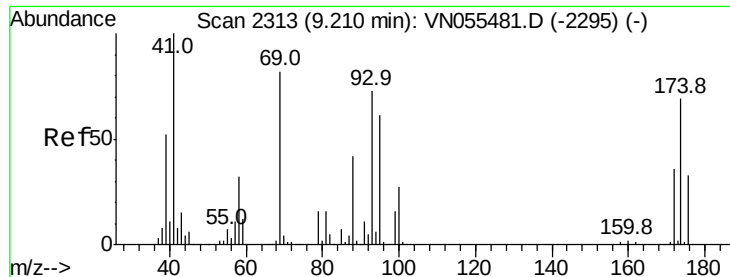
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#45
 1,2-Dichloropropane
 Concen: 1.095 ug/l
 RT: 9.12 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Tgt Ion: 63 Resp: 11152
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.1 36.1





#46

Dibromomethane

Concen: 1.114 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 93 Resp: 6274

Ion Ratio Lower Upper

93 100

95 80.3 64.8 97.2

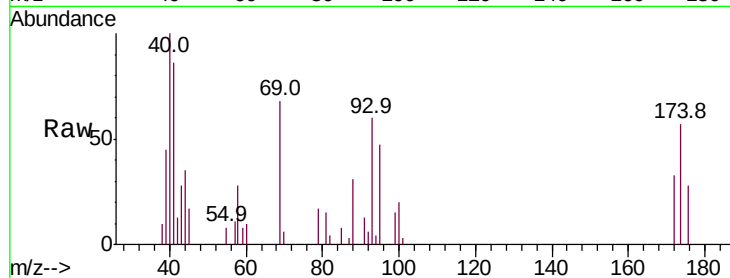
174 96.6 75.0 112.6

Manual Integrations

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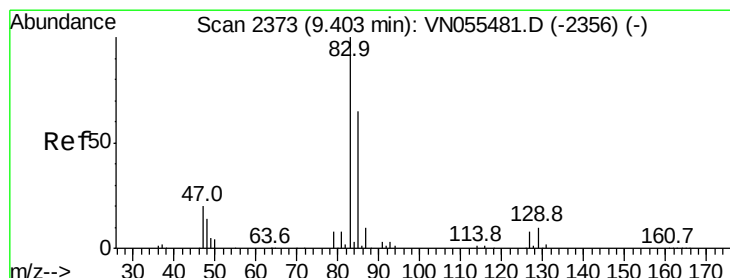
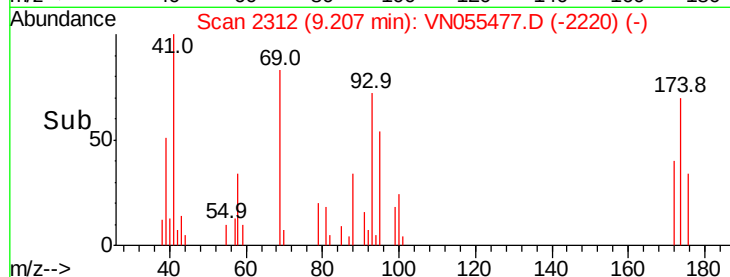
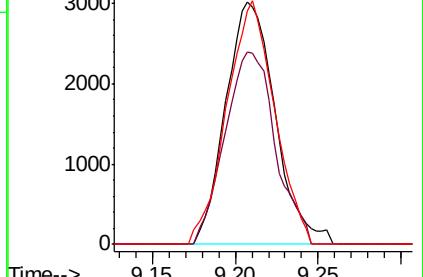
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Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V



#47

Bromodichloromethane

Concen: 1.040 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

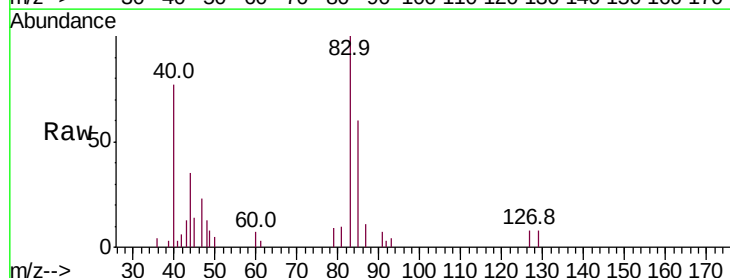
Tgt Ion: 83 Resp: 12328

Ion Ratio Lower Upper

83 100

85 59.9 52.2 78.2

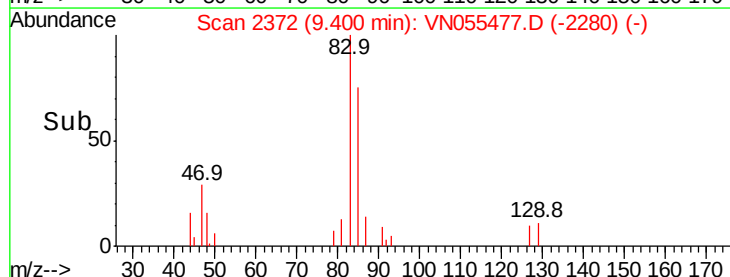
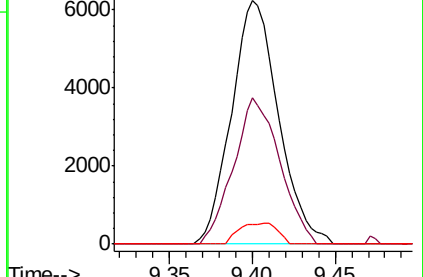
127 8.3 6.5 9.7

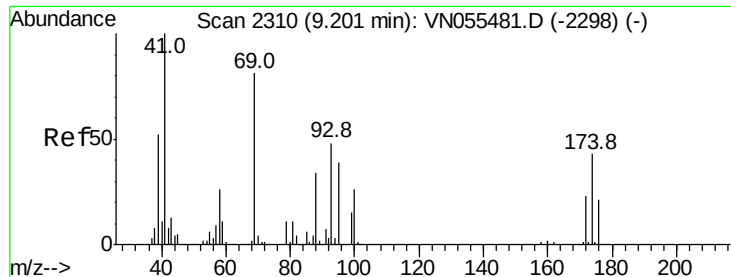


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V





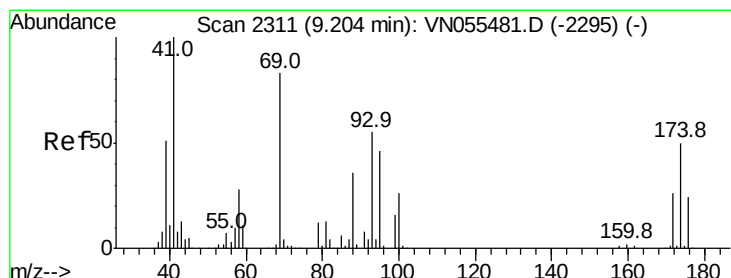
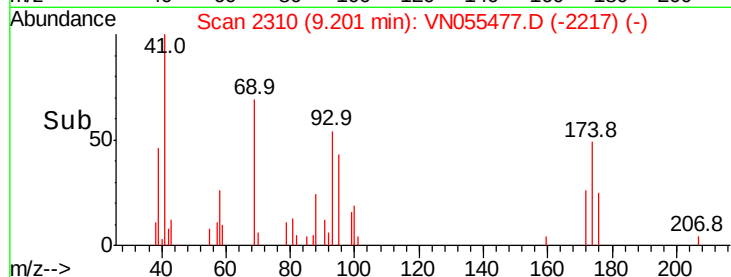
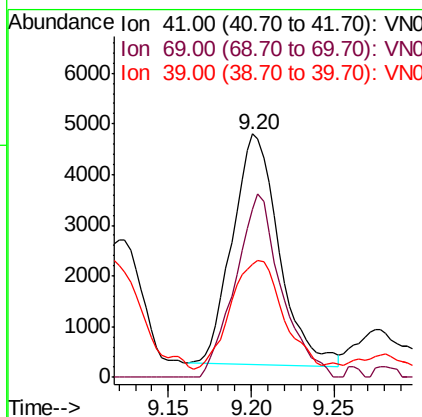
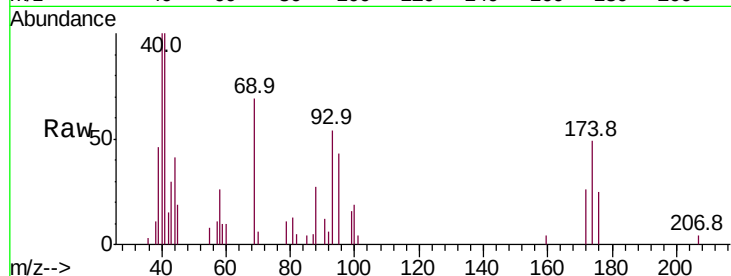
#48
Methyl methacrylate
Concen: 1.164 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	78.1	64.2	96.2
39	61.1	41.6	62.4

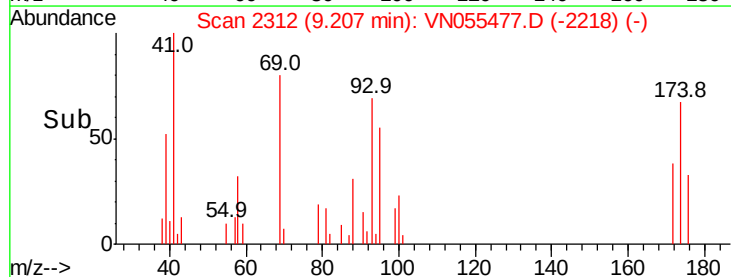
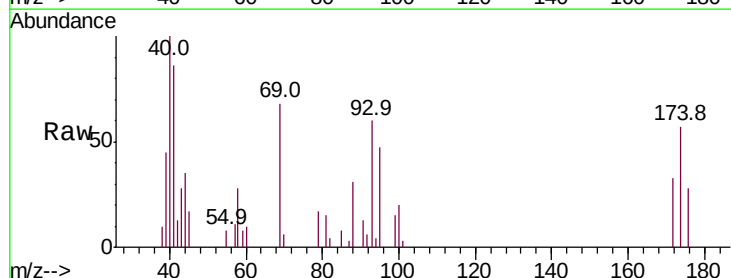
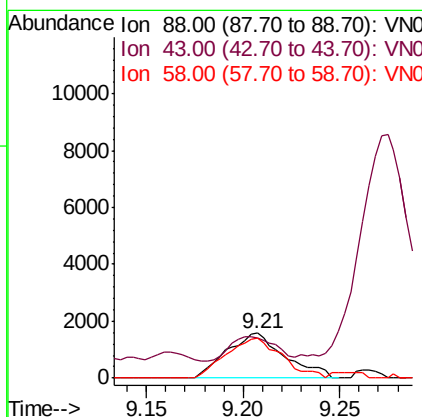
Manual Integrations
APPROVED

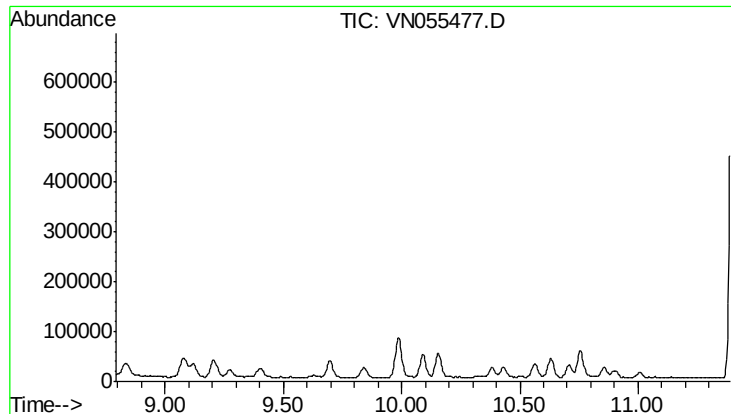
MMDadoda
5/9/2019 6:32:36 PM



#49
1,4-Dioxane
Concen: 34.873 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Lower	Upper
88	100		
43	43.5	27.8	41.8#
58	85.4	61.8	92.6





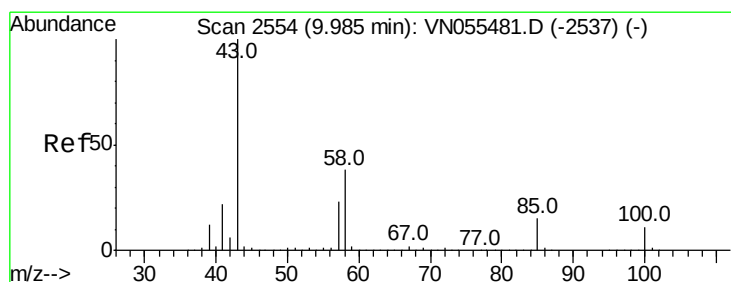
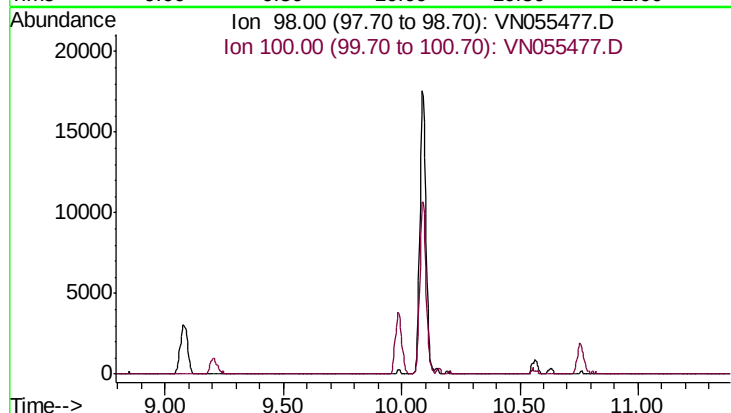
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.09 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
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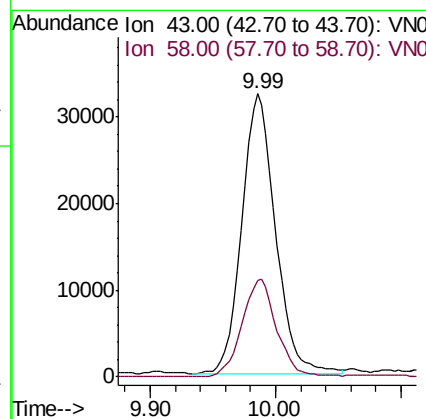
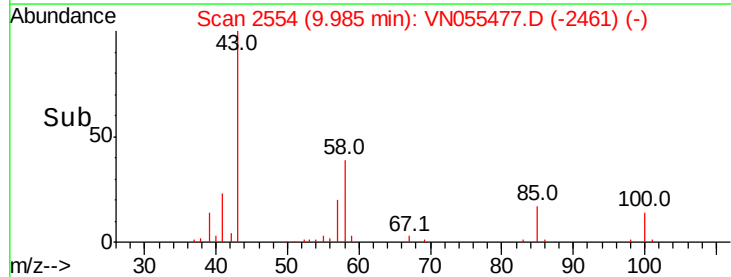
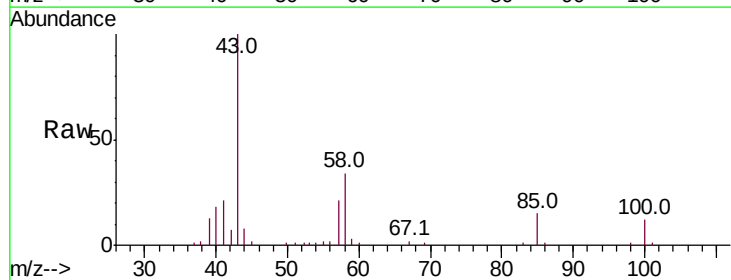
MMDadoda
5/9/2019 6:32:36 PM

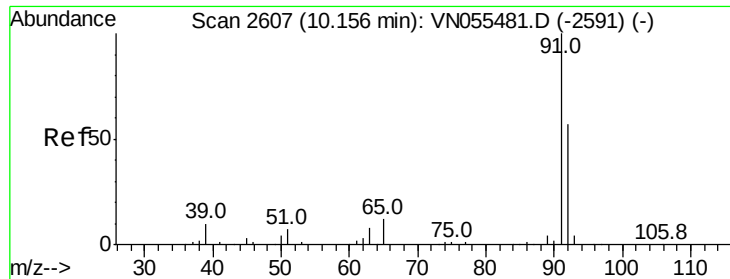
Tot Ion: 98
Sig Exp Ratio
98 100
100 63.0



#51
4-Methyl-2-Pentanone
Concen: 6.613 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Tgt Ion: 43 Resp: 60280
Ion Ratio Lower Upper
43 100
58 35.9 29.9 44.9





#52

Toluene

Concen: 0.998 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 20310

Ion Ratio Lower Upper

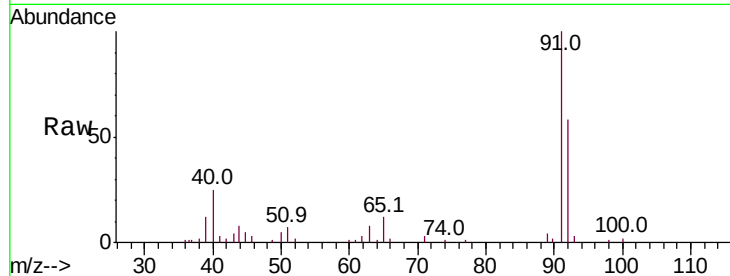
92 100

91 184.9 140.5 210.7

Manual Integrations
APPROVED

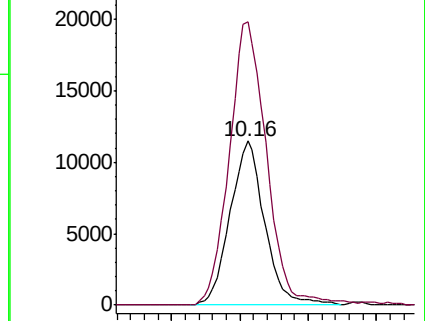
MMDadoda

5/9/2019 6:32:36 PM

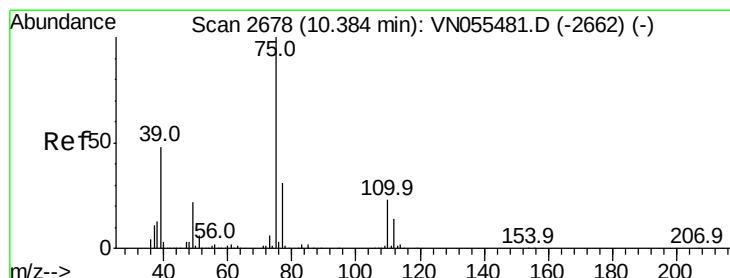
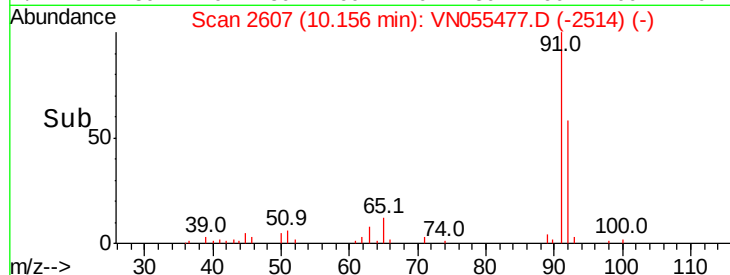


Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0



Time-->



#53

t-1,3-Dichloropropene

Concen: 1.043 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN055477.D

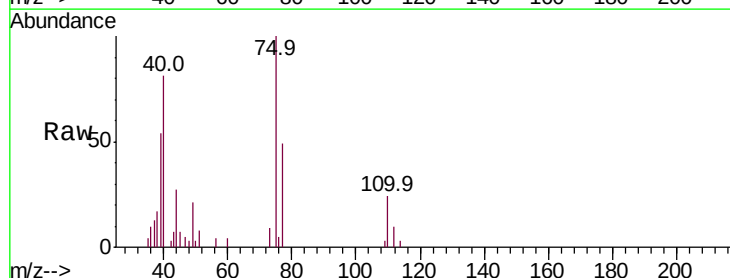
Acq: 8 May 2019 16:07

Tgt Ion: 75 Resp: 10913

Ion Ratio Lower Upper

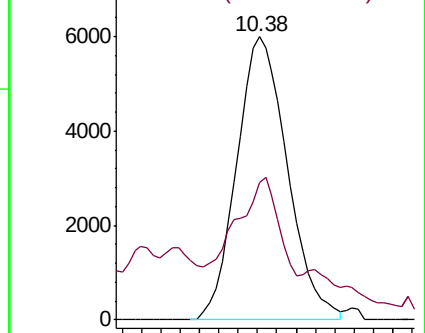
75 100

77 37.1 25.1 37.7

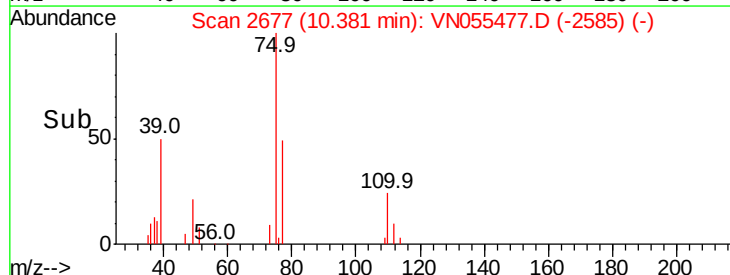


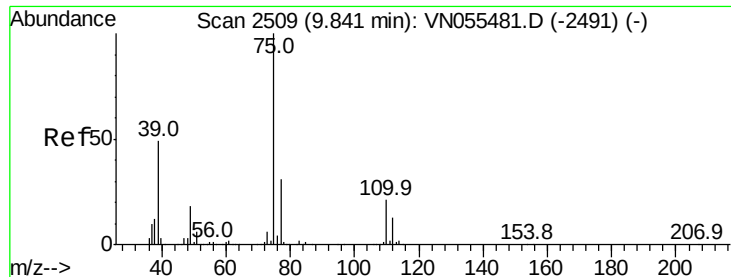
Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->





#54

cis-1,3-Dichloropropene

Concen: 0.951 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

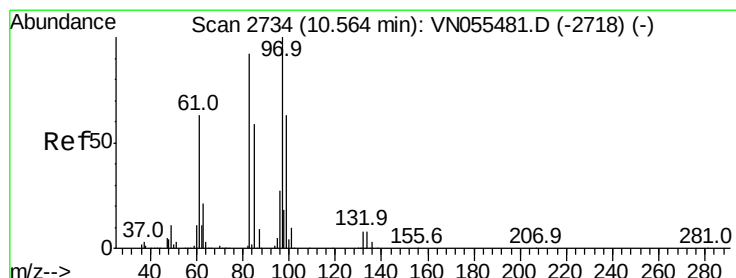
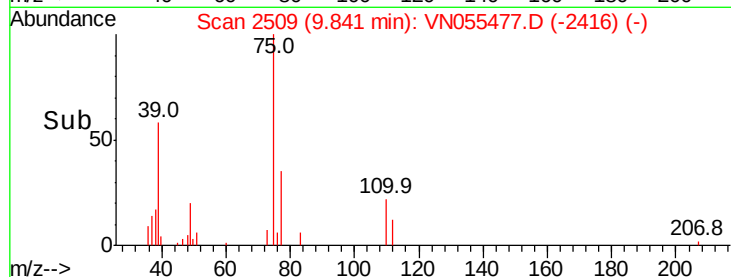
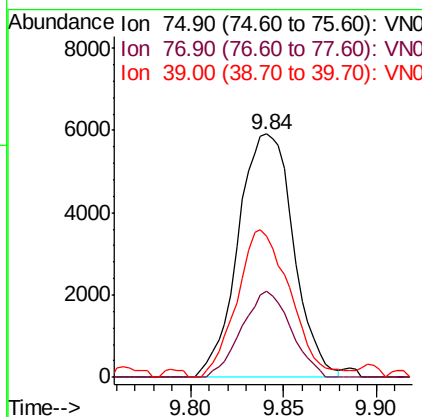
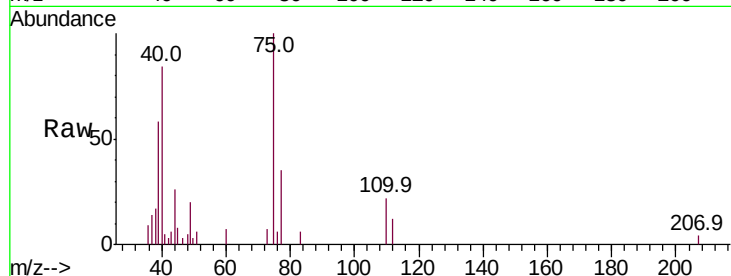
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	12308
Ion	Ratio	Lower	Upper
75	100		
77	35.2	24.4	36.6
39	58.0	39.5	59.3

Manual Integrations
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5/9/2019 6:32:36 PM



#55

1,1,2-Trichloroethane

Concen: 1.105 ug/l

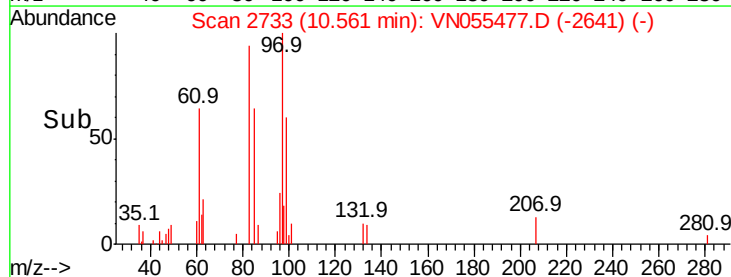
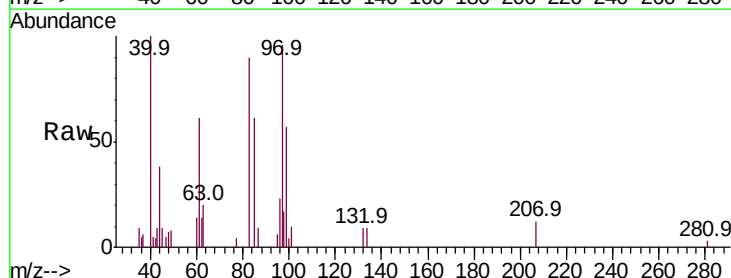
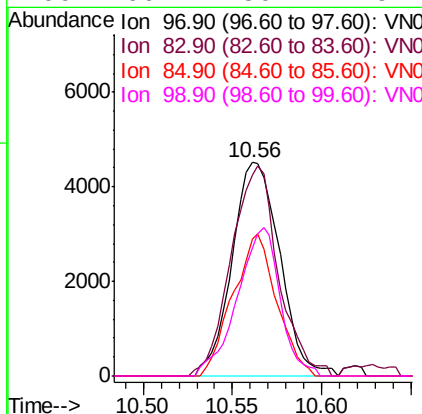
RT: 10.56 min Scan# 2733

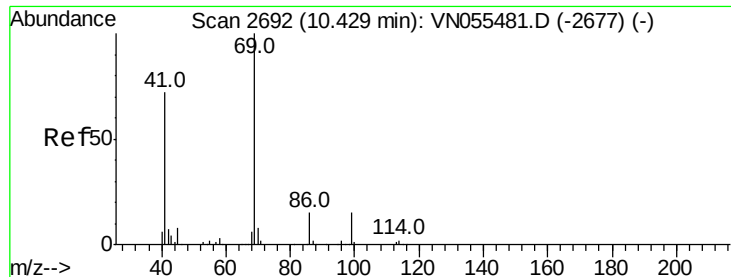
Delta R.T. -0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Tgt Ion:	97	Resp:	8453
Ion	Ratio	Lower	Upper
97	100		
83	94.4	73.2	109.8
85	63.9	47.5	71.3
99	60.1	50.2	75.2





#56

Ethyl methacrylate

Concen: 1.199 ug/l

RT: 10.43 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

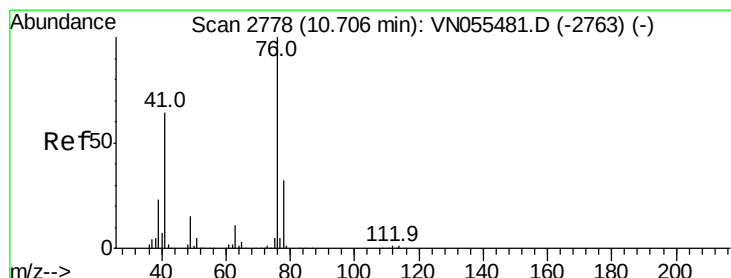
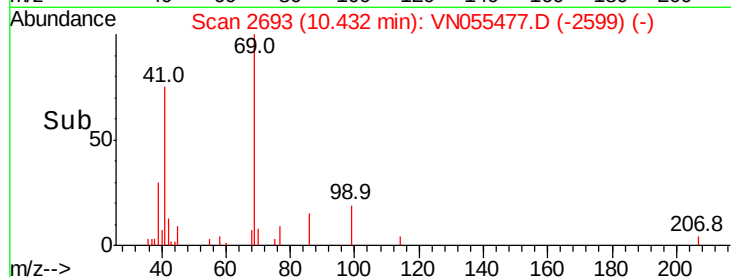
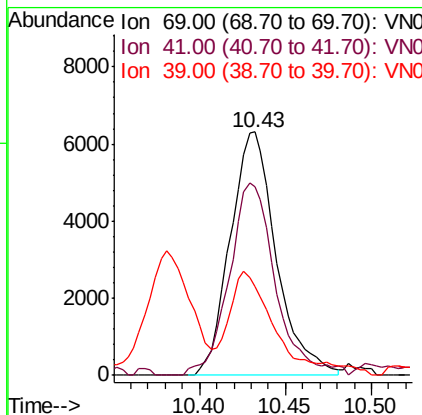
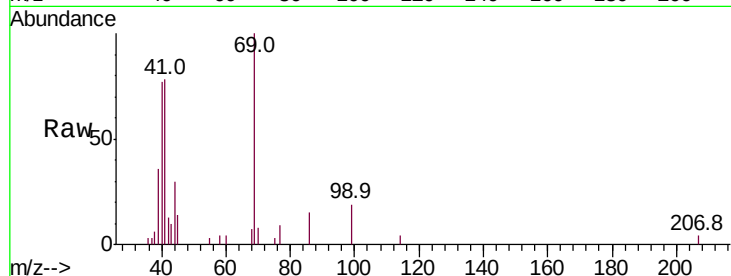
ClientSampled :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
69	100		
41	79.2	56.2	84.2
39	44.0	27.8	41.6

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.109 ug/l

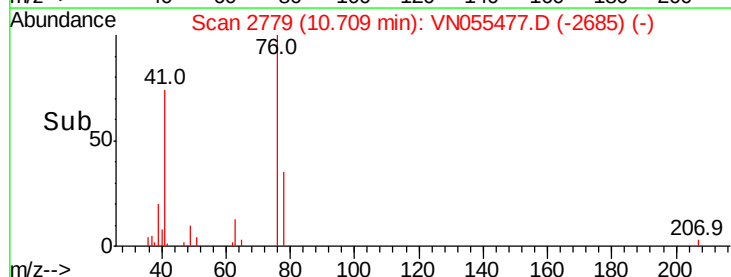
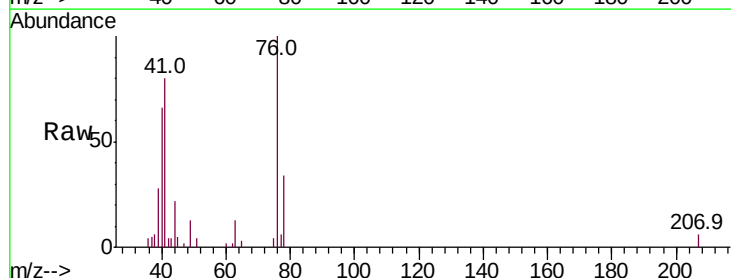
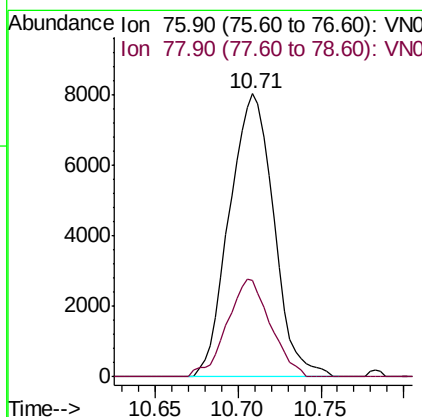
RT: 10.71 min Scan# 2779

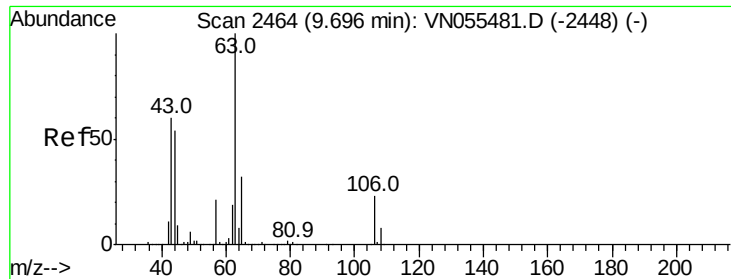
Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.7	25.8	38.6





#58

2-Chloroethyl Vinyl ether

Concen: 5.760 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 15295

Ion Ratio Lower Upper

63 100

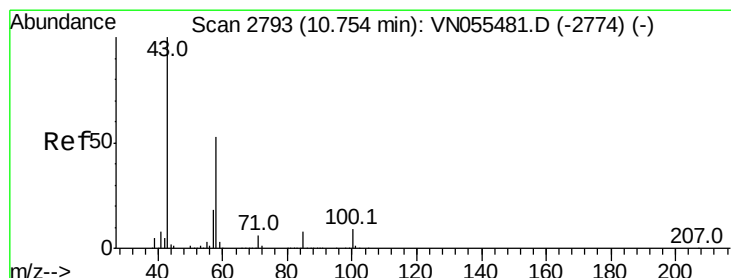
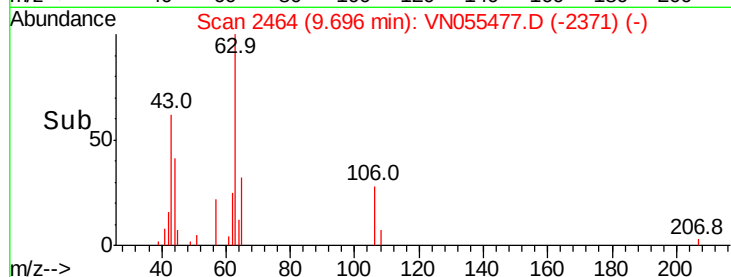
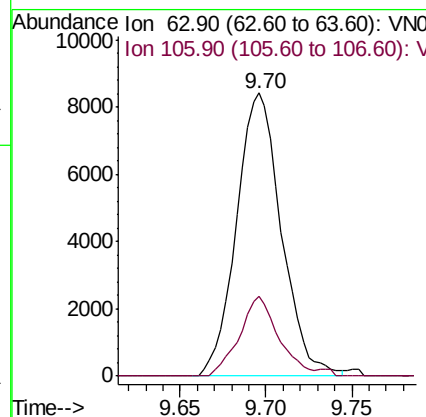
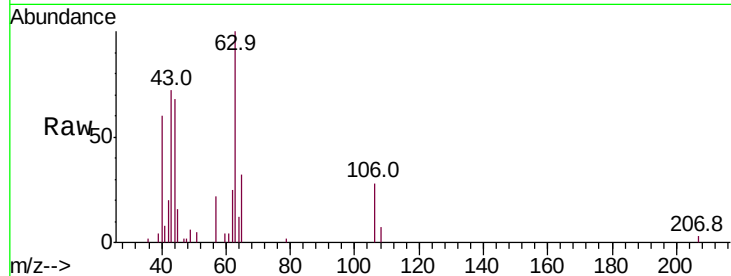
106 24.6 18.6 27.8

Manual Integrations

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#59

2-Hexanone

Concen: 6.890 ug/l

RT: 10.75 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN055477.D

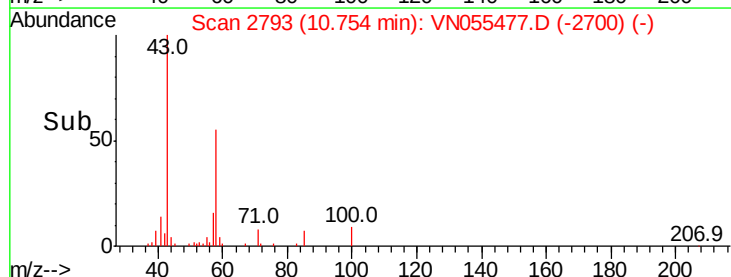
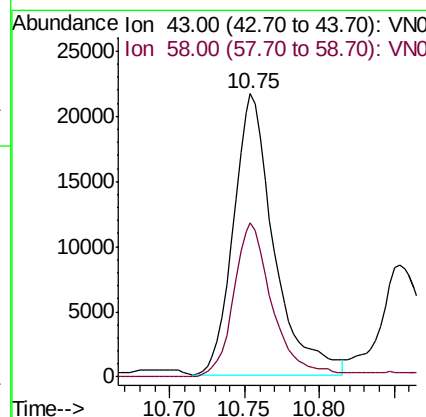
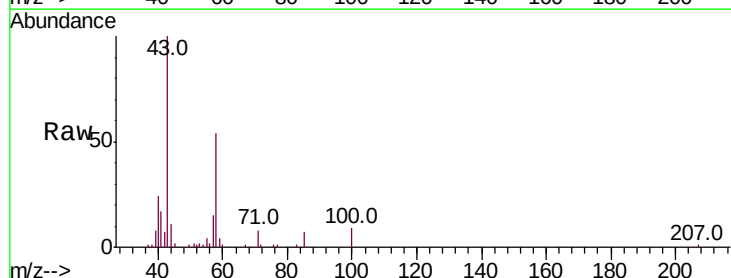
Acq: 8 May 2019 16:07

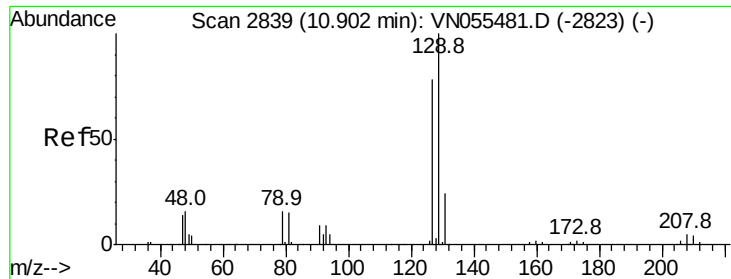
Tgt Ion: 43 Resp: 40489

Ion Ratio Lower Upper

43 100

58 52.4 26.4 79.0





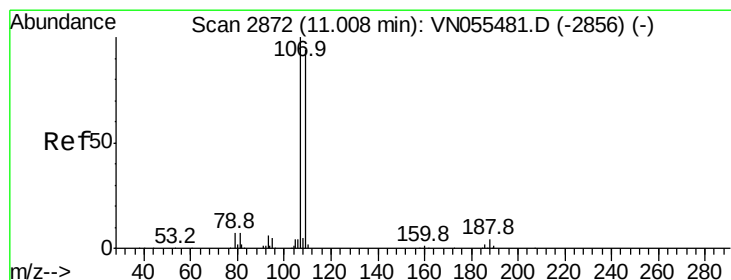
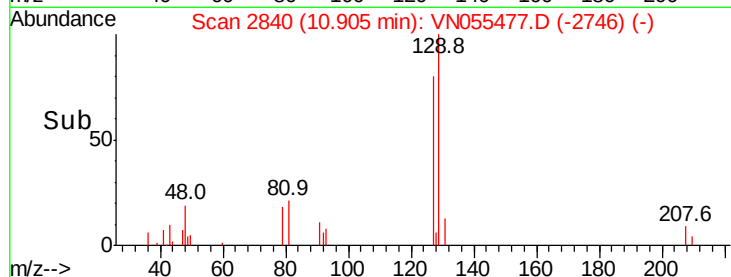
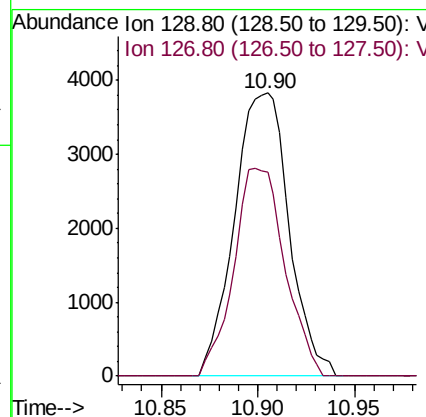
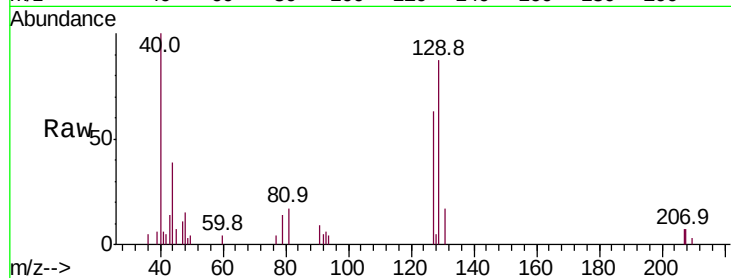
#60
Dibromochloromethane
Concen: 0.982 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:129 Resp: 7508
Ion Ratio Lower Upper
129 100
127 68.6 38.6 116.0

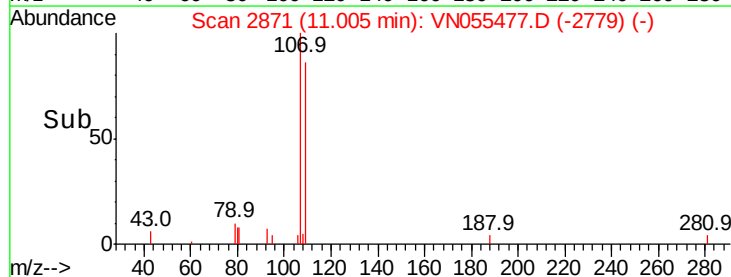
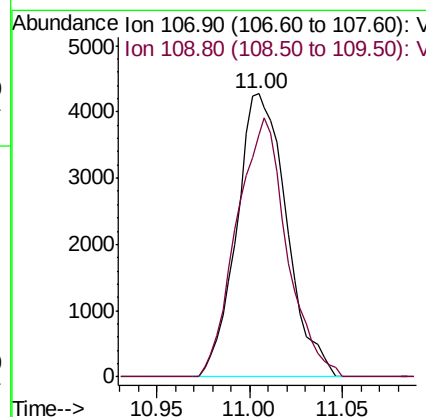
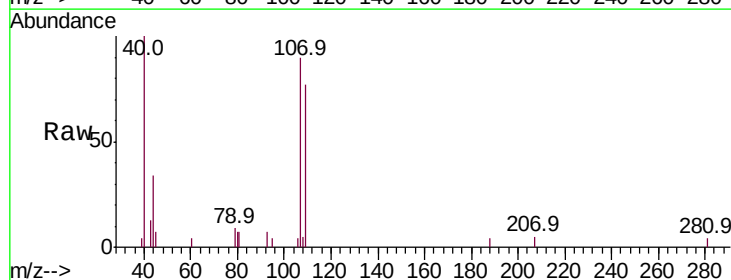
Manual Integrations
APPROVED

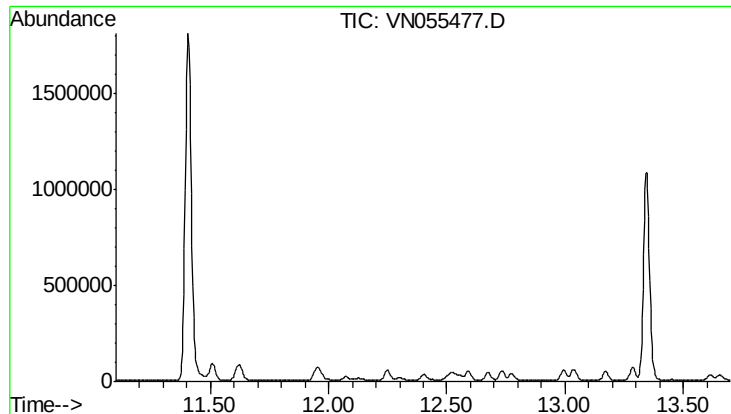
MMDadoda
5/9/2019 6:32:36 PM



#61
1,2-Dibromoethane
Concen: 1.119 ug/l
RT: 11.00 min Scan# 2871
Delta R.T. -0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Tgt Ion:107 Resp: 7988
Ion Ratio Lower Upper
107 100
109 91.9 74.2 111.4





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.40 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Tot Ion: 95

Sig Exp Ratio

95 100

174 76.1

176 73.9

Instrument :

MSVOA_N

ClientSampleId :

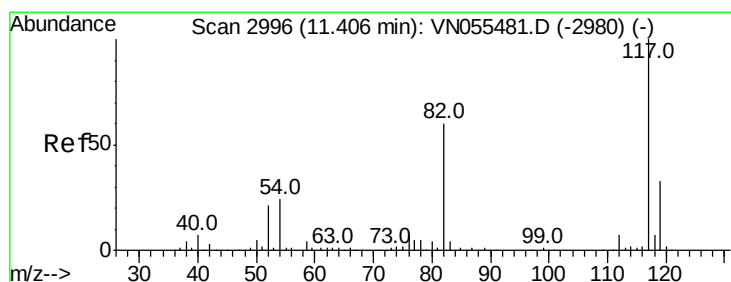
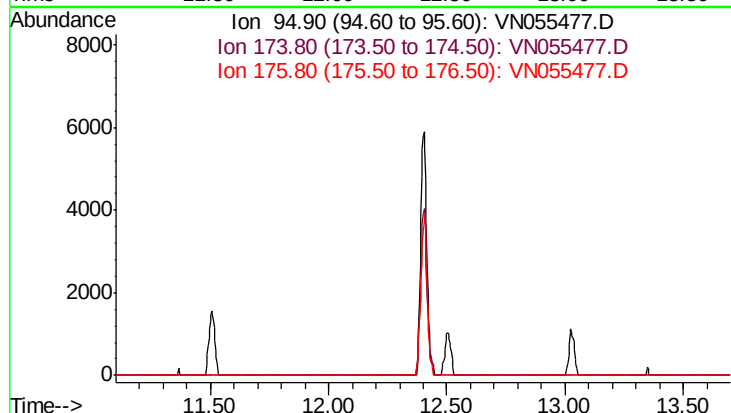
VSTDIC001

Manual Integrations

APPROVED

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

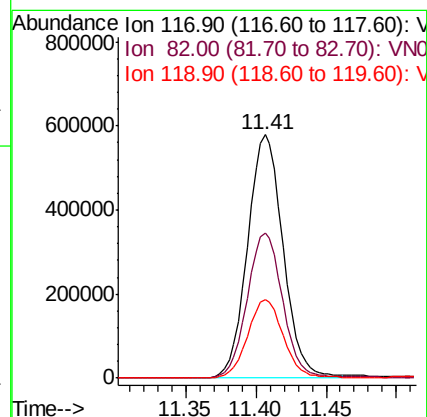
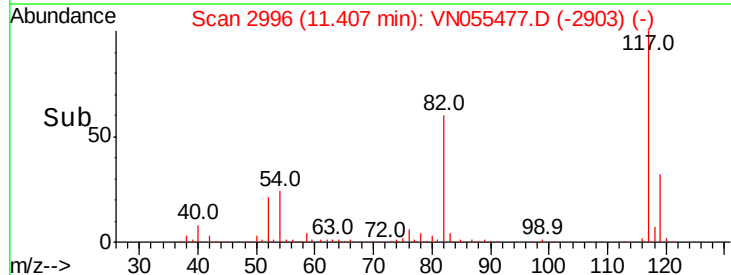
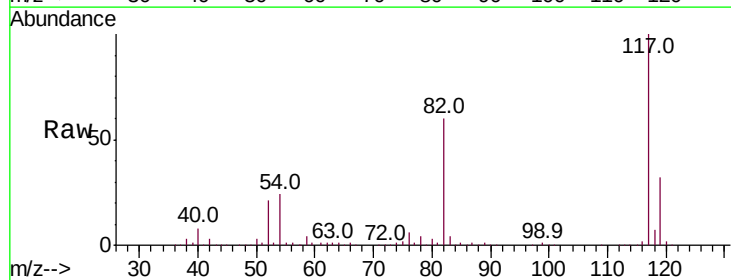
Tgt Ion:117 Resp: 1026242

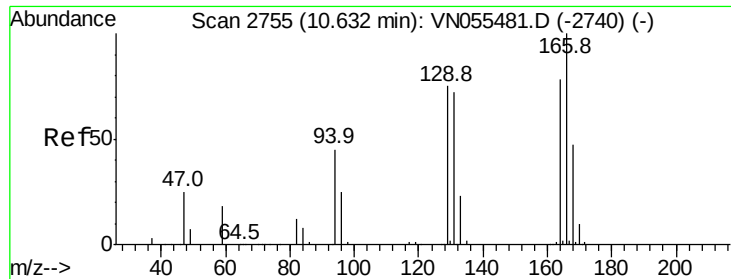
Ion Ratio Lower Upper

117 100

82 59.6 48.0 72.0

119 32.3 26.0 39.0





#64

Tetrachloroethene

Concen: 1.118 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 9436

Ion Ratio Lower Upper

164 100

166 122.5 102.6 153.8

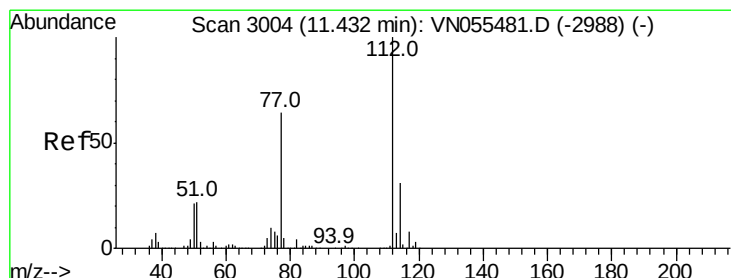
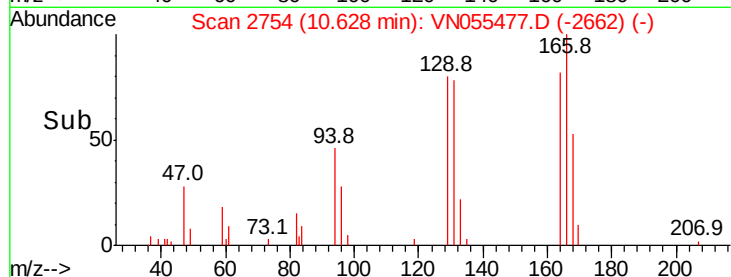
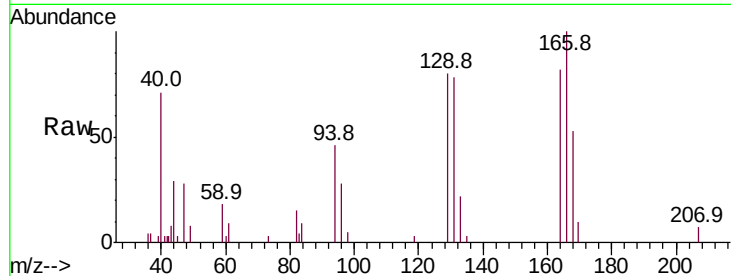
129 98.4 77.0 115.6

131 95.3 73.7 110.5

Manual Integrations
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5/9/2019 6:32:36 PM



#65

Chlorobenzene

Concen: 1.060 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. 0.00 min

Lab File: VN055477.D

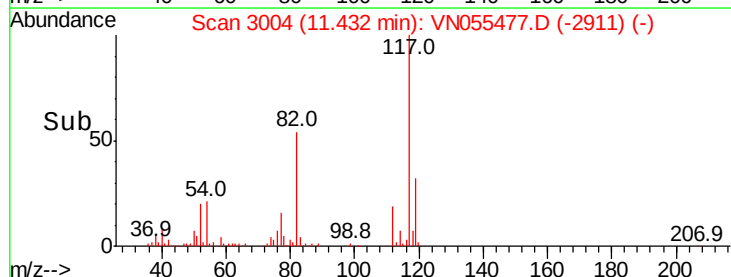
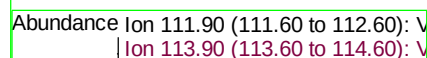
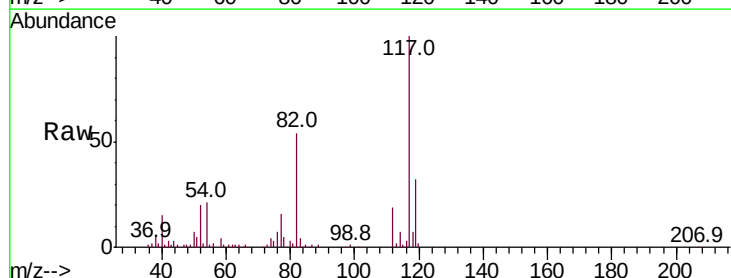
Acq: 8 May 2019 16:07

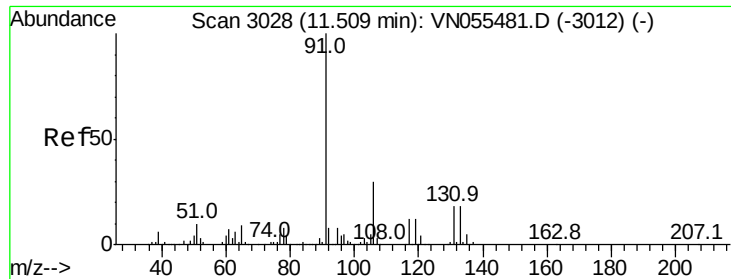
Tgt Ion:112 Resp: 21542

Ion Ratio Lower Upper

112 100

114 36.3 25.0 37.4





#66

1,1,1,2-Tetrachloroethane

Concen: 0.914 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

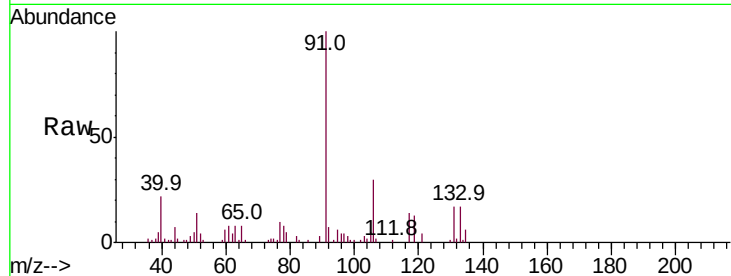
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	102.0	47.4	142.2
119	0.0	34.1	102.2#

Manual Integrations
APPROVED

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5/9/2019 6:32:36 PM

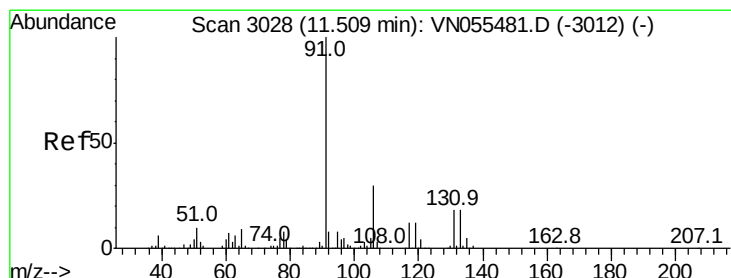
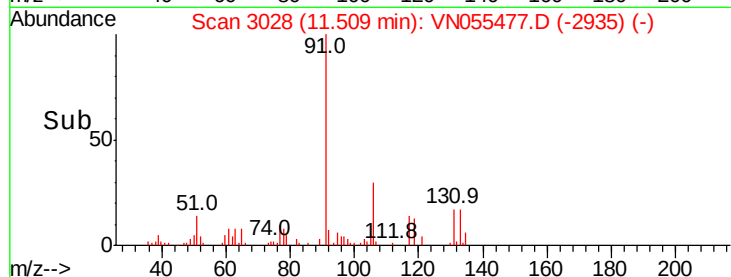
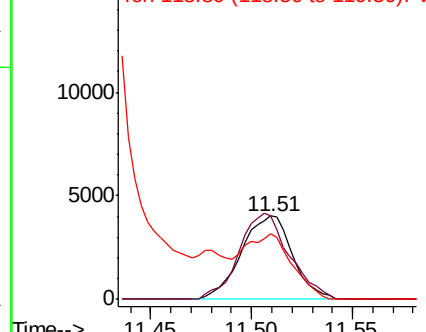


Abundance

Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 1.060 ug/l

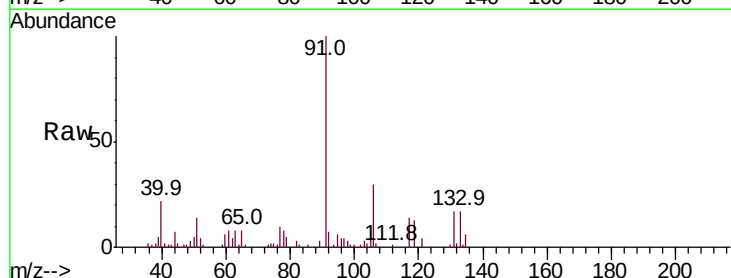
RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

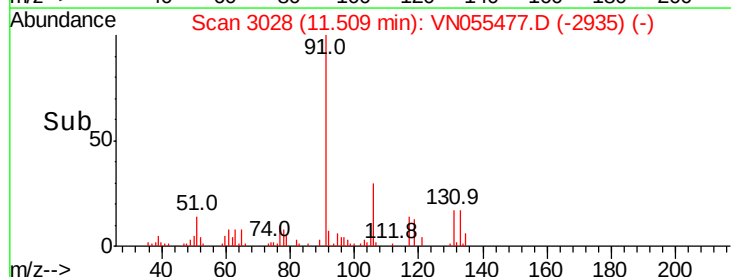
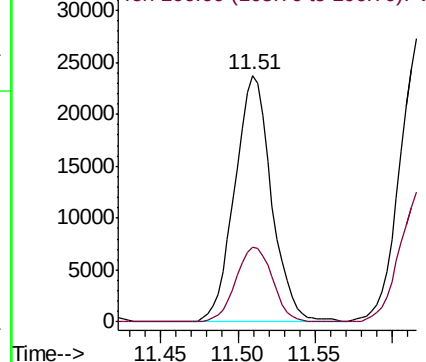
Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	23.8	35.6

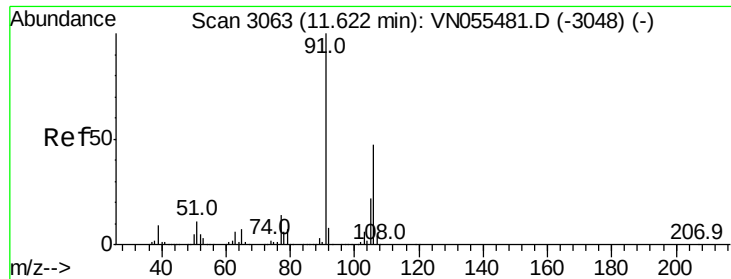


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V





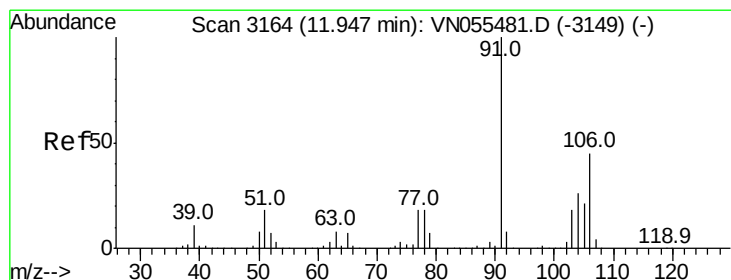
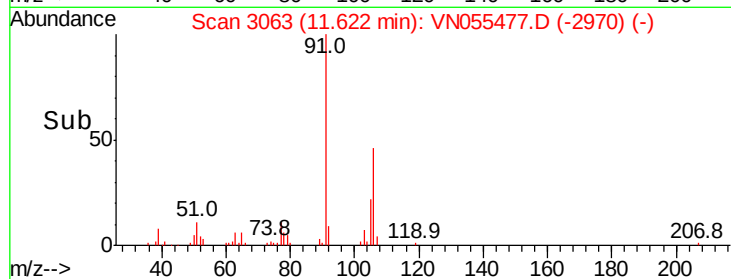
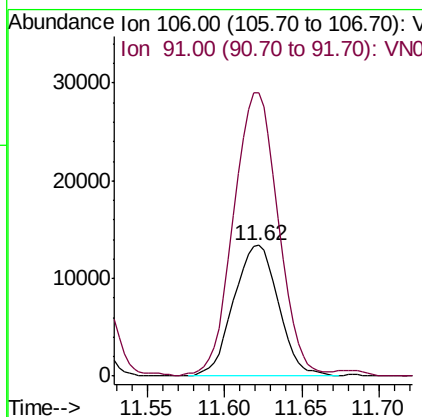
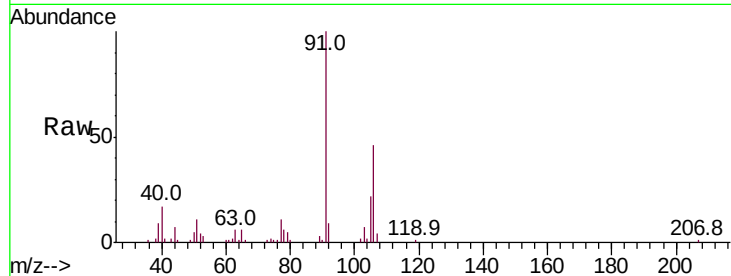
#68
m/p-Xylenes
Concen: 2.049 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 27026
Ion Ratio Lower Upper
106 100
91 215.8 169.2 253.8

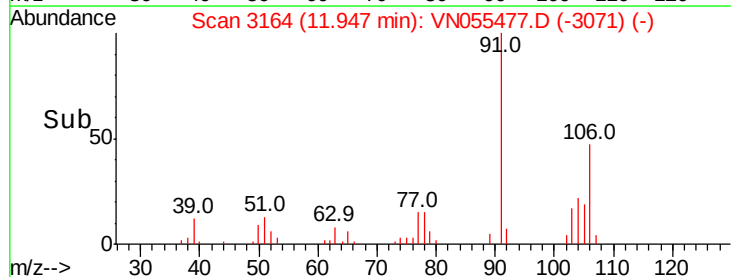
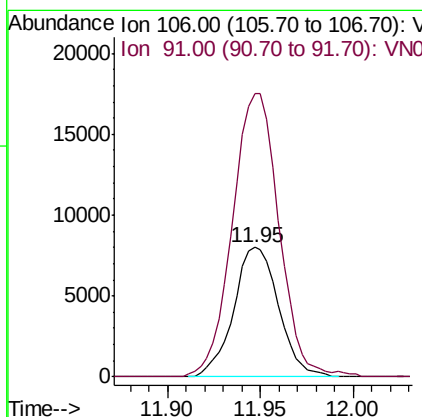
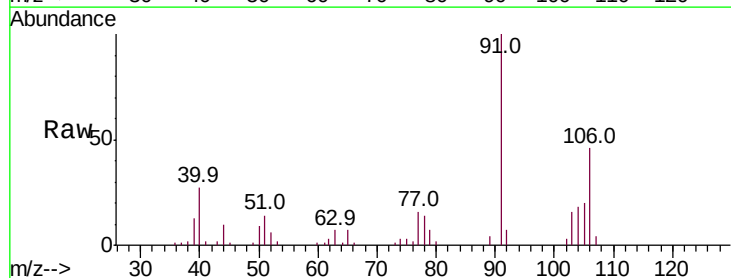
Manual Integrations
APPROVED

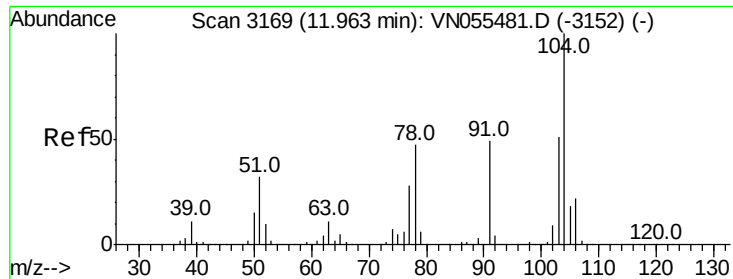
MMDadoda
5/9/2019 6:32:36 PM



#69
o-Xylene
Concen: 1.031 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Tgt Ion:106 Resp: 13488
Ion Ratio Lower Upper
106 100
91 226.9 111.3 333.8





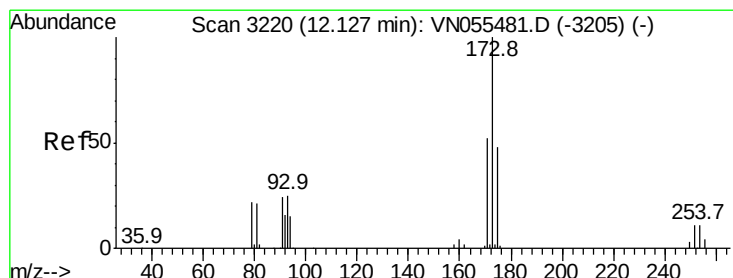
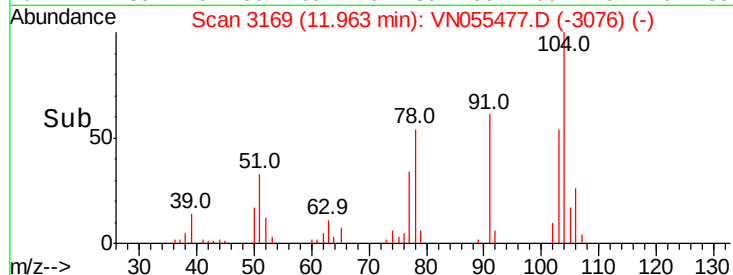
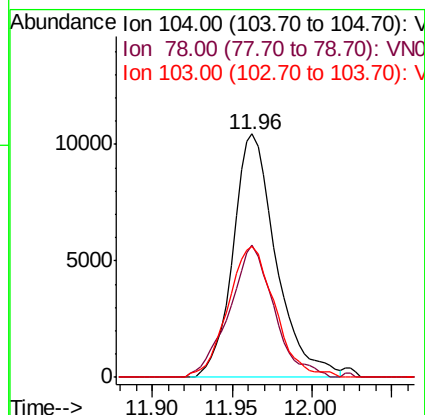
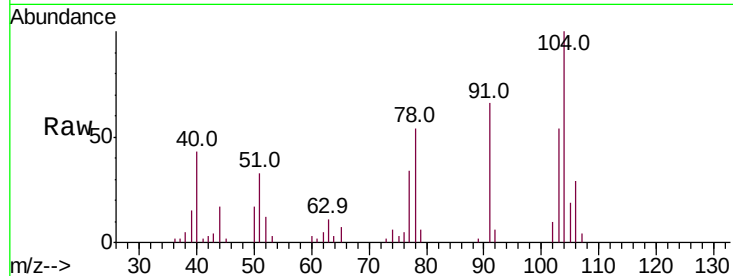
#70
Stvrene
Concen: 0.949 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	56.4	41.6	62.4
103	58.9	44.4	66.6

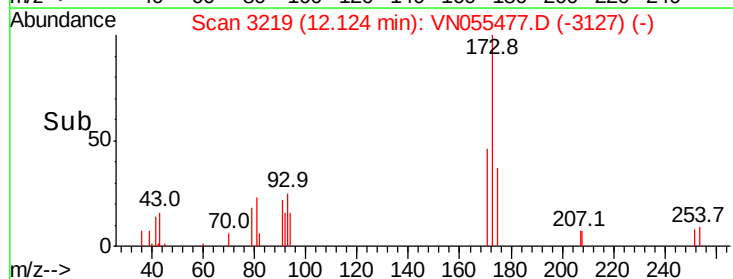
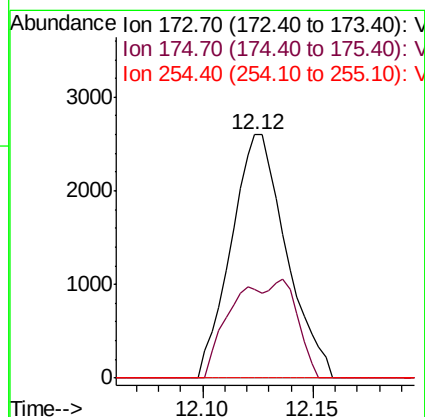
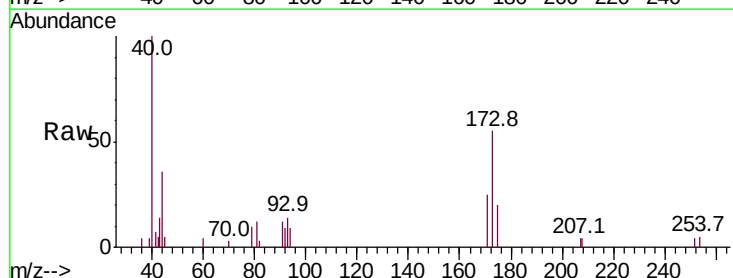
Manual Integrations
APPROVED

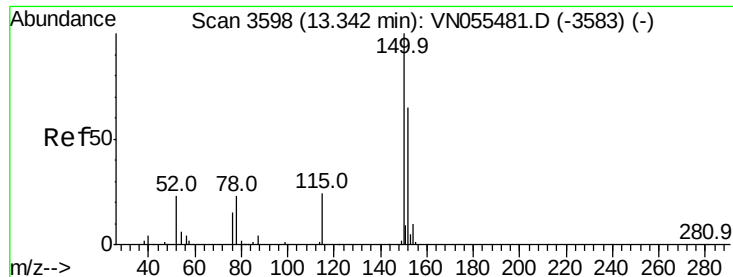
MMDadoda
5/9/2019 6:32:36 PM



#71
Bromoform
Concen: 1.010 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. -0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Lower	Upper
173	100		
175	25.6	24.1	72.4
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

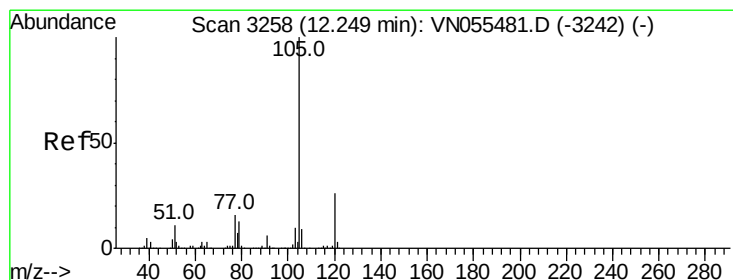
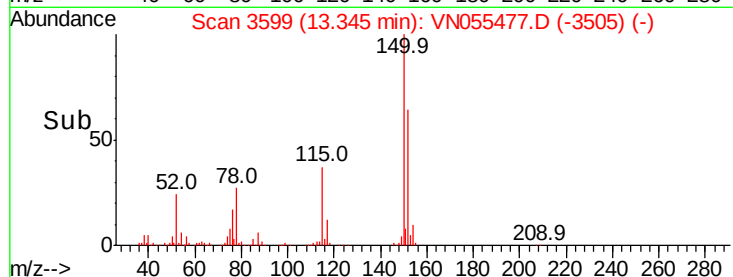
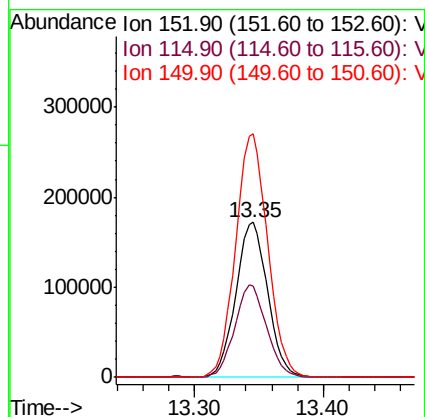
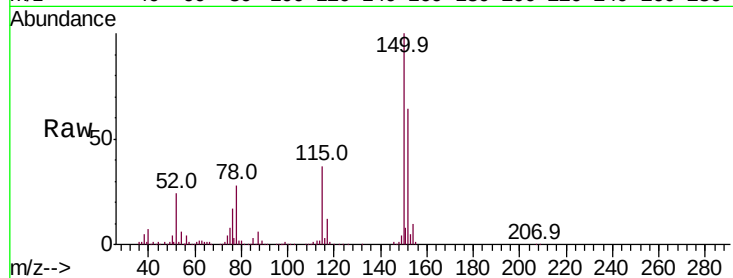
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	295658
Ion Ratio	Lower	Upper	
152	100		
115	59.5	30.1	90.5
150	157.5	0.0	355.0

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.221 ug/l

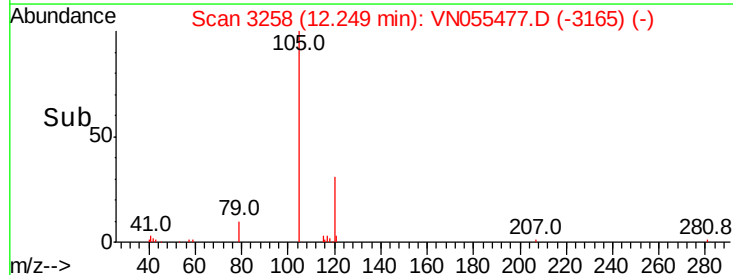
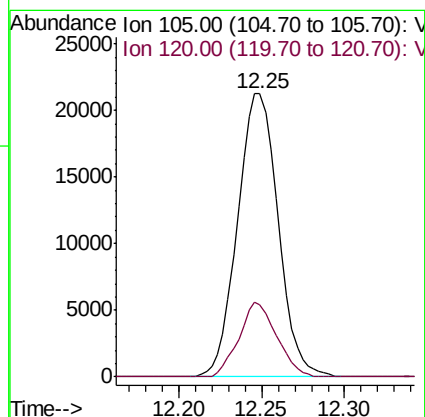
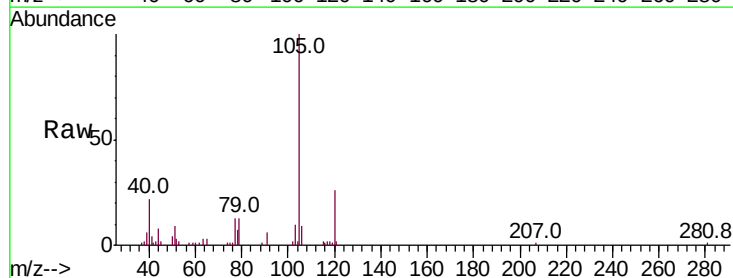
RT: 12.25 min Scan# 3258

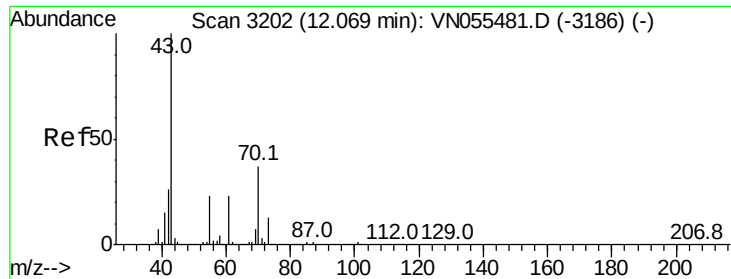
Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Tgt Ion:	105	Resp:	36258
Ion Ratio	Lower	Upper	
105	100		
120	24.4	13.0	39.0





#74

N-amvl acetate

Concen: 1.425 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 11672

Ion Ratio Lower Upper

43 100

70 31.4 30.7 46.1

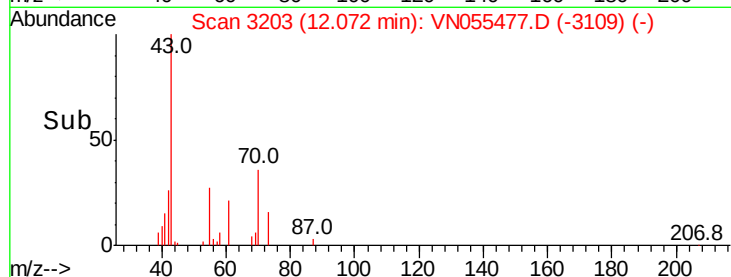
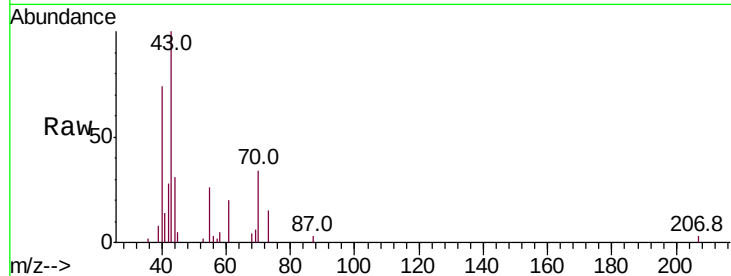
55 27.1 19.3 28.9

61 21.5 18.6 27.8

Manual Integrations
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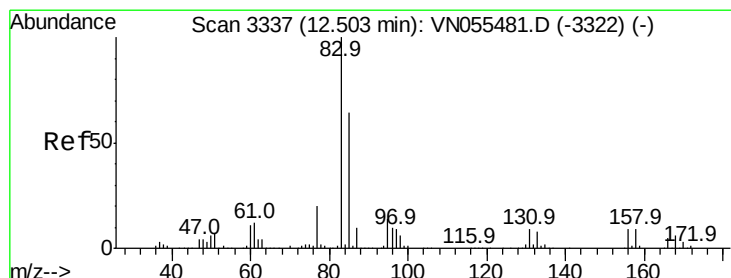
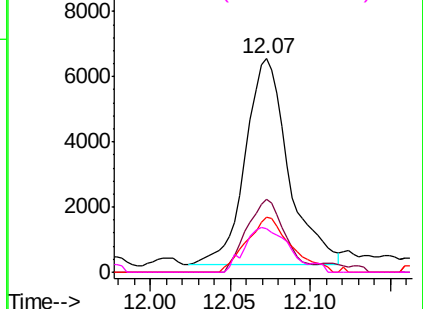


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#75

1,1,2,2-Tetrachloroethane

Concen: 1.519 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

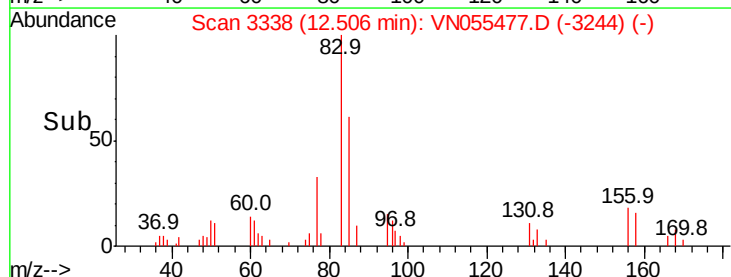
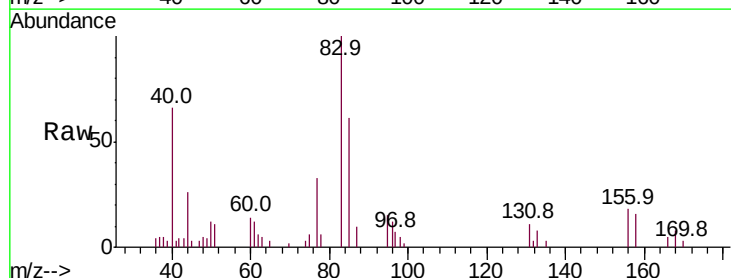
Tgt Ion: 83 Resp: 11938

Ion Ratio Lower Upper

83 100

131 9.7 4.5 13.5

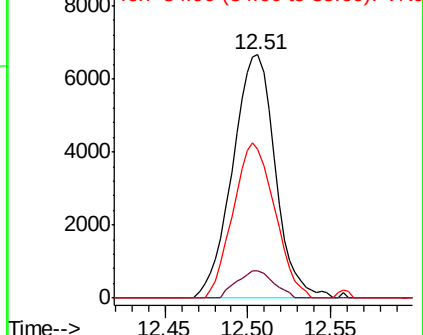
85 61.9 32.0 96.0

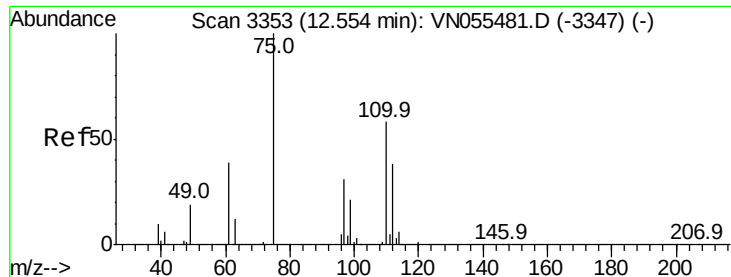


Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0





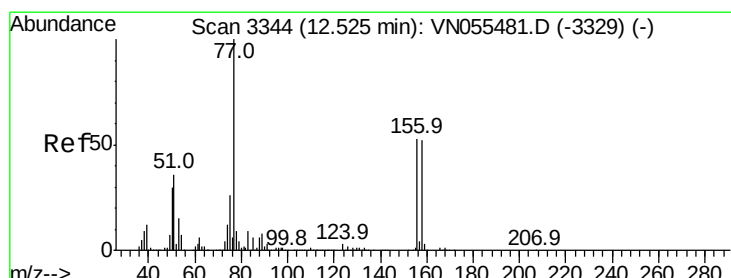
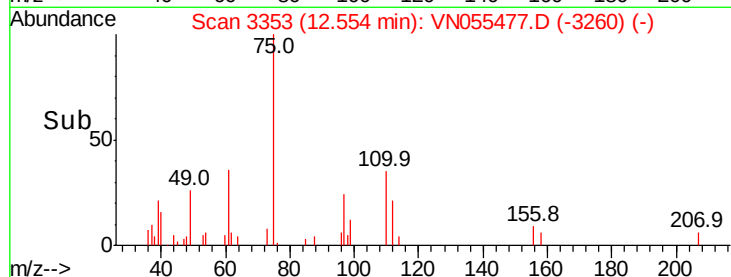
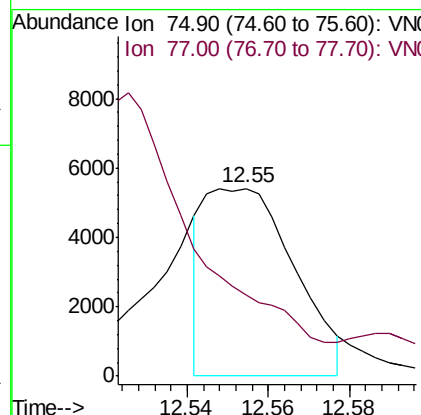
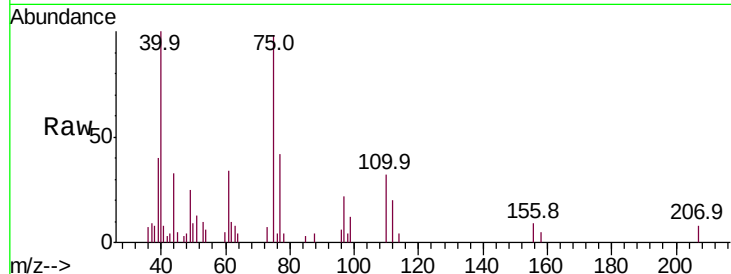
#76
 1,2,3-Trichloropropane
 Concen: 1.174 ug/l m
 RT: 12.55 min Scan# 3353
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 75 Resp: 8289
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

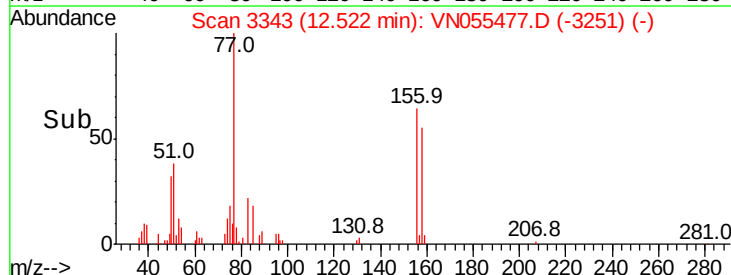
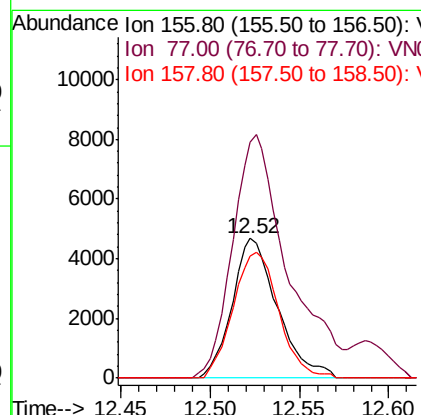
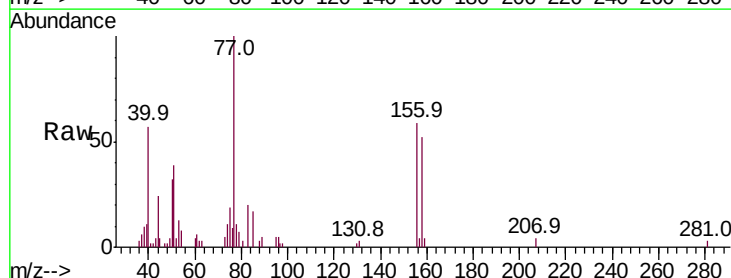
Manual Integrations
 APPROVED

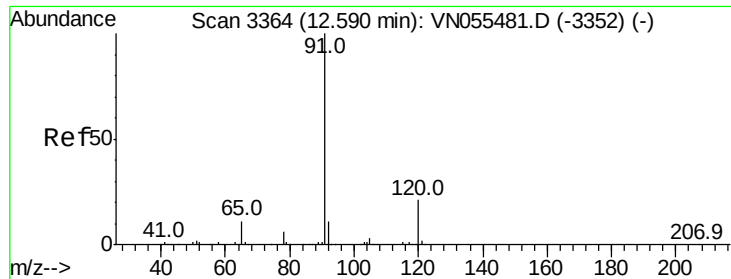
MMDadoda
 5/9/2019 6:32:36 PM



#77
 Bromobenzene
 Concen: 1.230 ug/l
 RT: 12.52 min Scan# 3343
 Delta R.T. -0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Tgt Ion: 156 Resp: 8260
 Ion Ratio Lower Upper
 156 100
 77 214.2 115.4 346.2
 158 90.7 48.7 146.1





#78

n-propylbenzene

Concen: 1.178 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 91 Resp: 36190

Ion Ratio Lower Upper

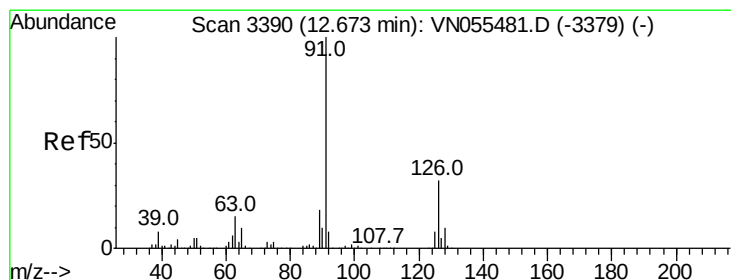
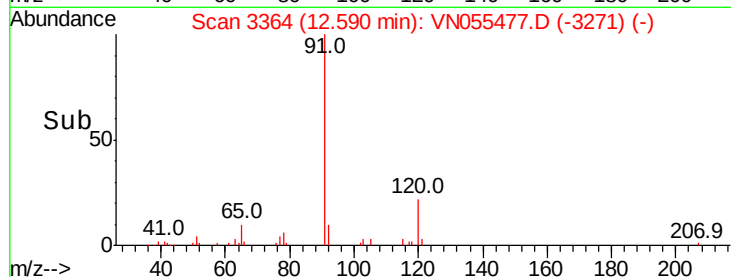
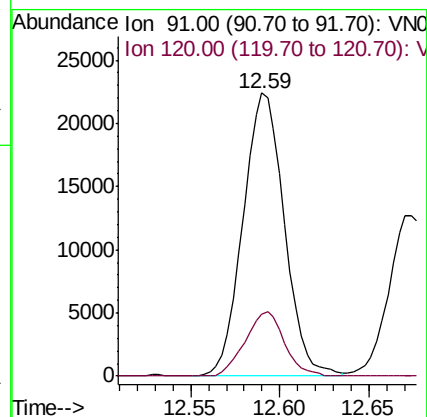
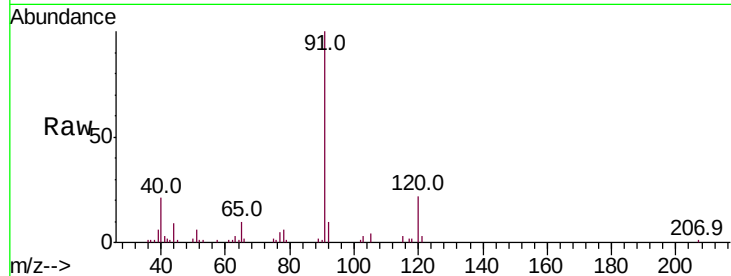
91 100

120 21.5 10.8 32.3

Manual Integrations
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#79

2-Chlorotoluene

Concen: 1.179 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055477.D

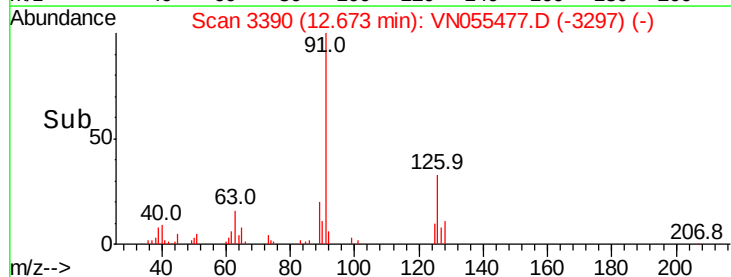
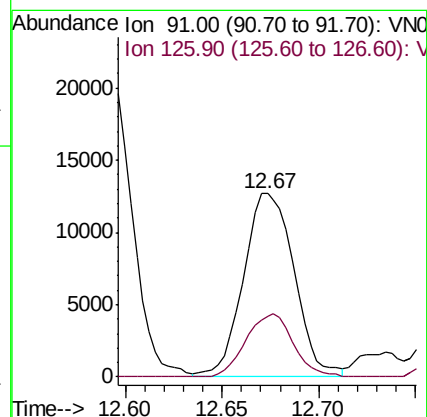
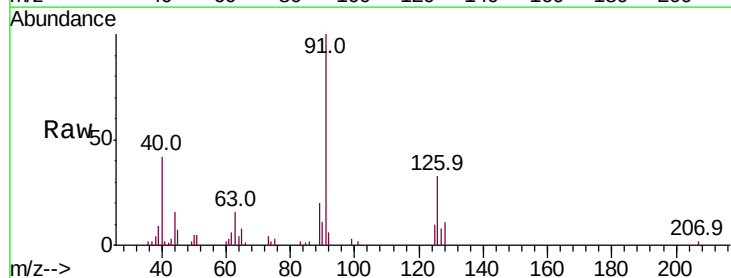
Acq: 8 May 2019 16:07

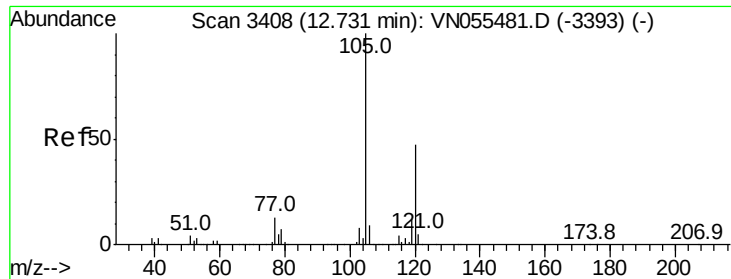
Tgt Ion: 91 Resp: 23177

Ion Ratio Lower Upper

91 100

126 32.1 16.0 47.9





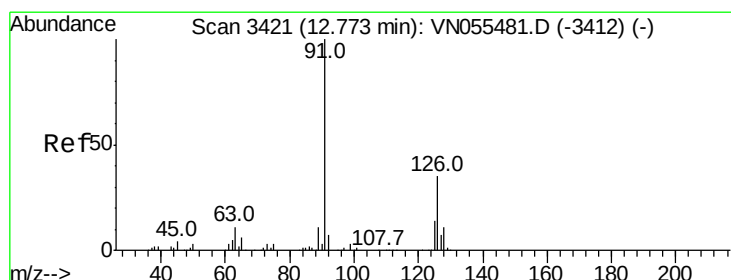
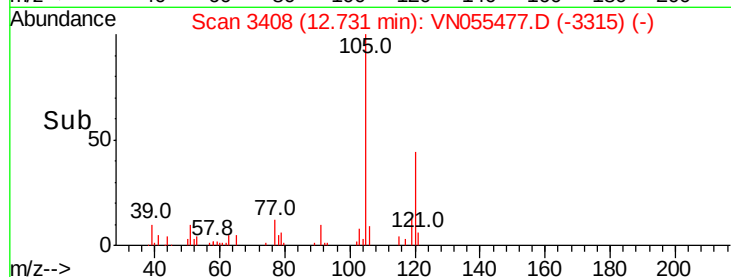
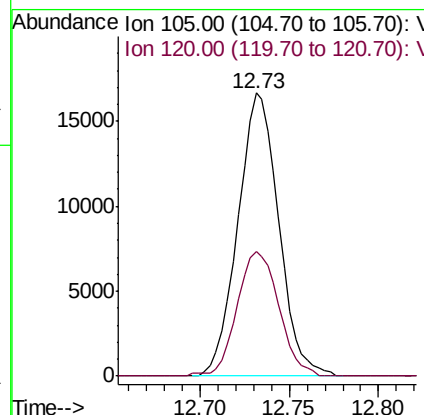
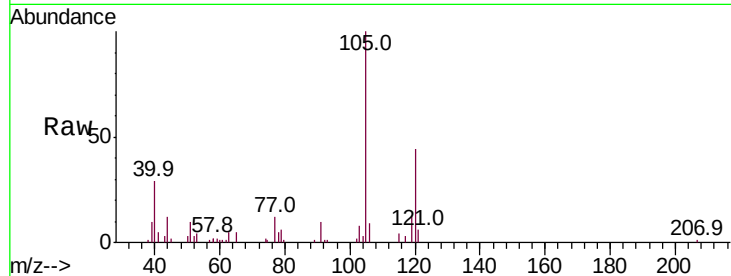
#80
 1,3,5-Trimethylbenzene
 Concen: 1.134 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 26648
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.4 70.0

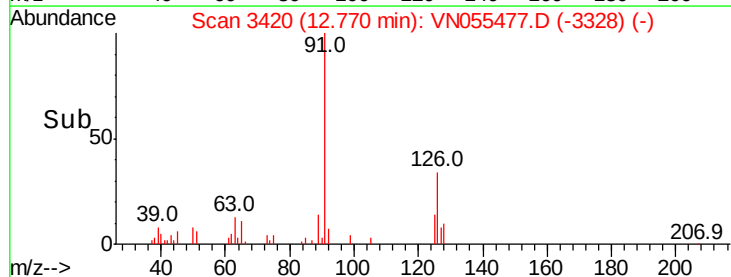
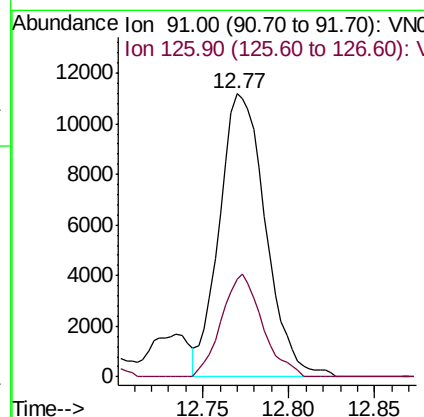
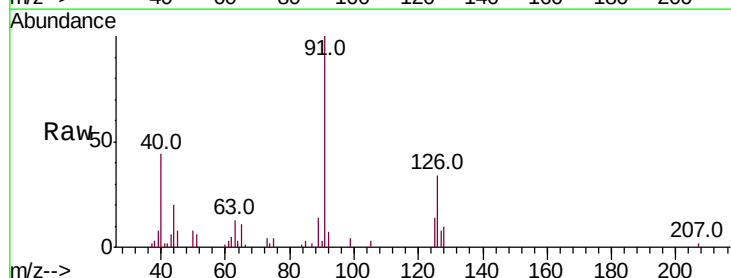
Manual Integrations
 APPROVED

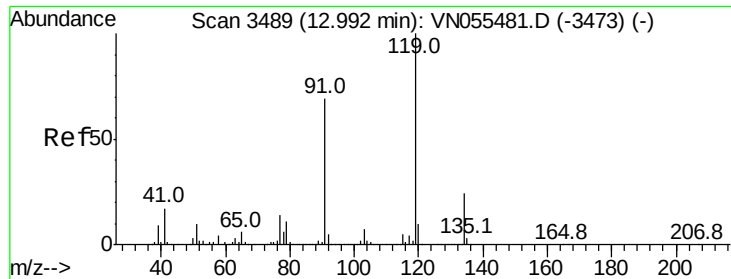
MMDadoda
 5/9/2019 6:32:36 PM



#82
 4-Chlorotoluene
 Concen: 1.169 ug/l
 RT: 12.77 min Scan# 3420
 Delta R.T. -0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Tgt Ion: 91 Resp: 20962
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.7 47.0





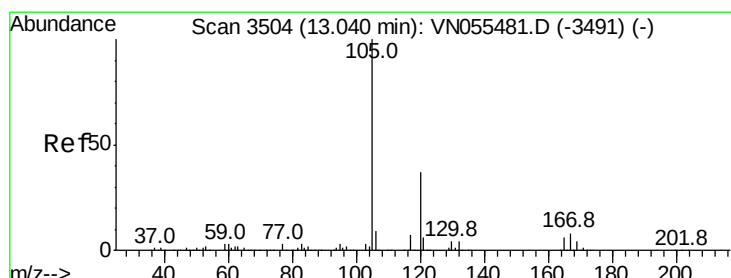
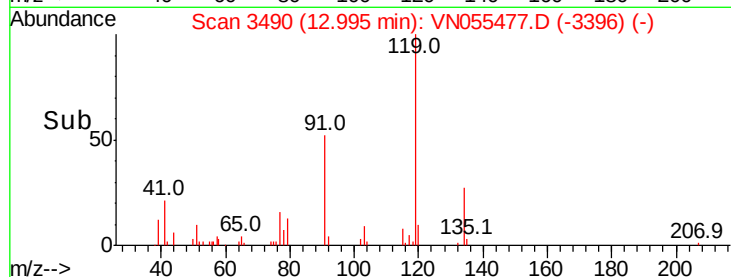
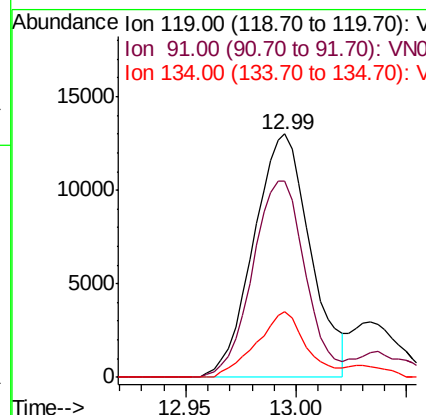
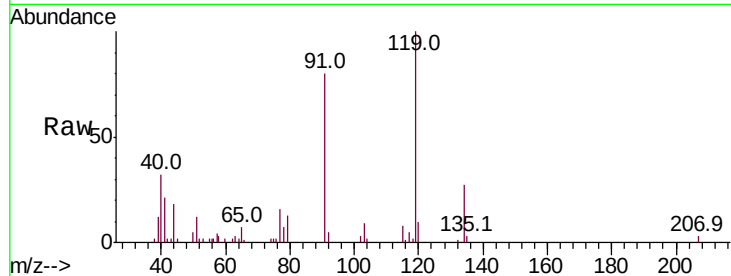
#83
 tert-Butylbenzene
 Concen: 1.109 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	75.1	33.8	101.3
134	23.7	12.5	37.5

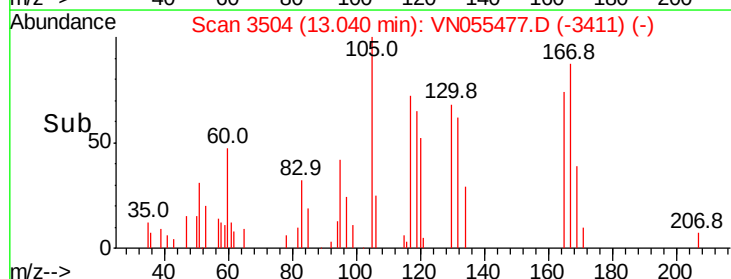
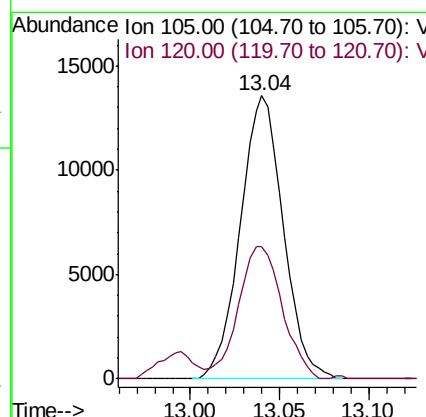
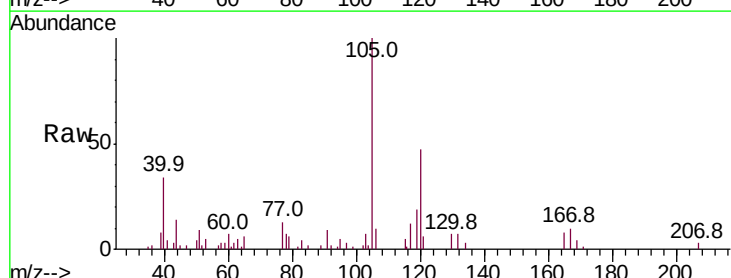
Manual Integrations
 APPROVED

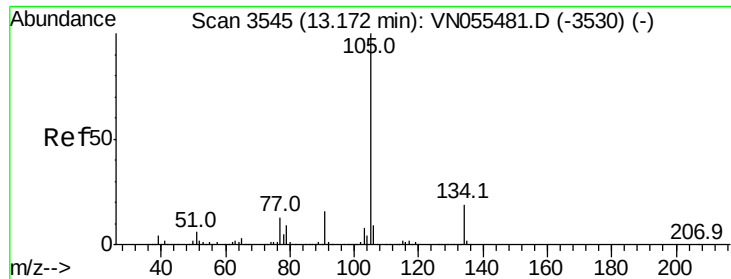
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 5/9/2019 6:32:36 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 1.081 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.1	22.1	66.5





#85

sec-Butylbenzene

Concen: 1.212 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 31042

Ion Ratio Lower Upper

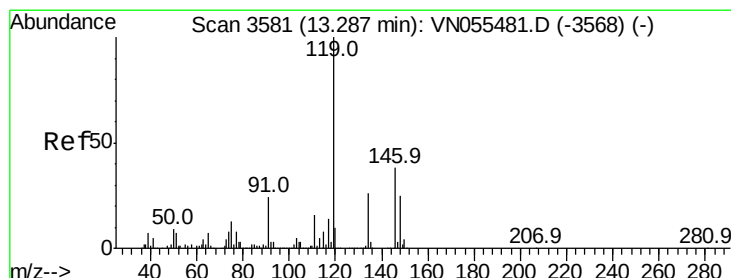
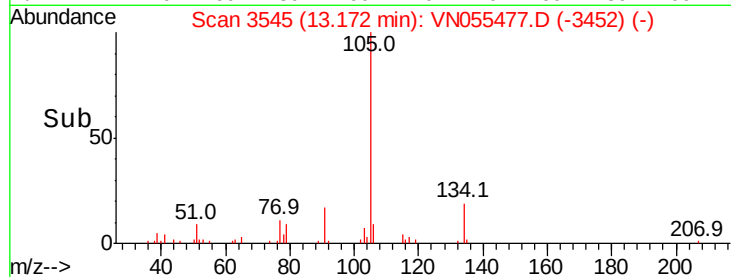
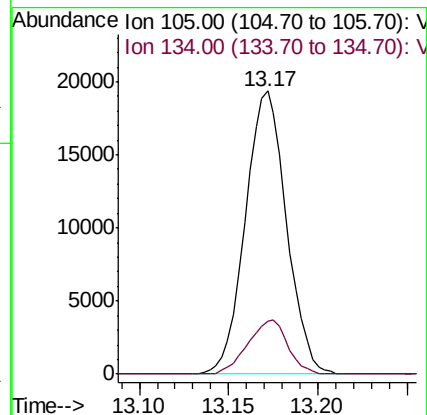
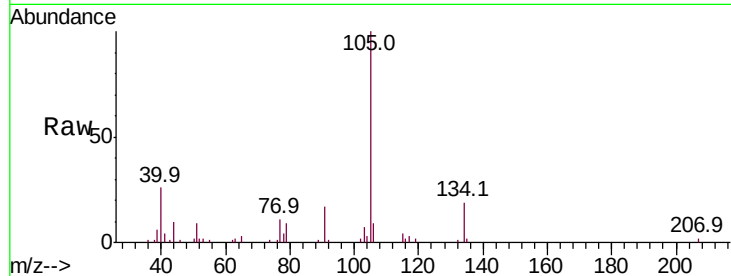
105 100

134 18.5 9.3 28.0

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 1.095 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

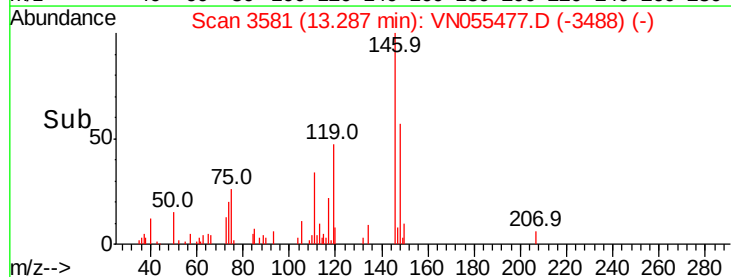
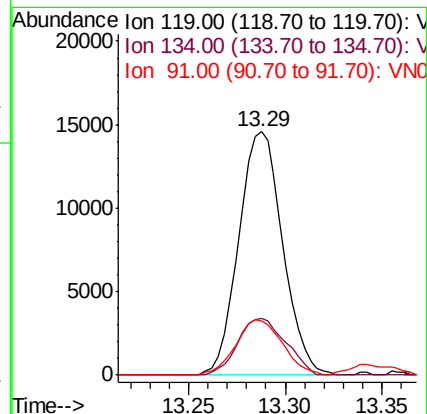
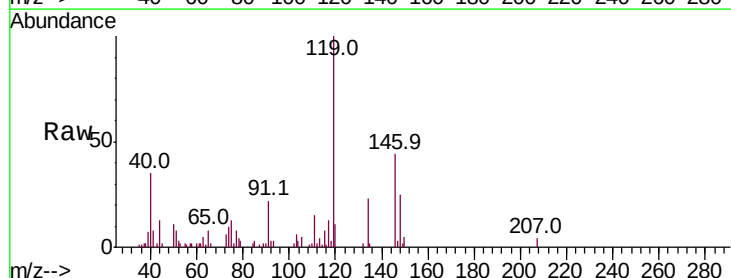
Tgt Ion:119 Resp: 23029

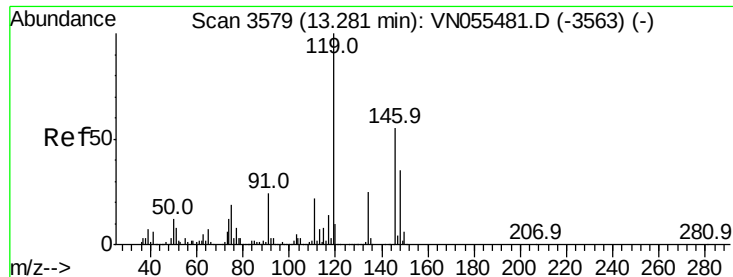
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 24.3 12.0 36.0





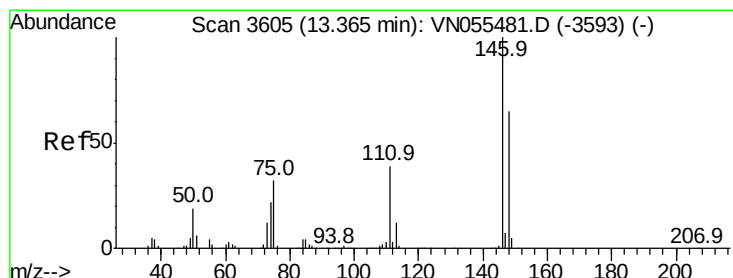
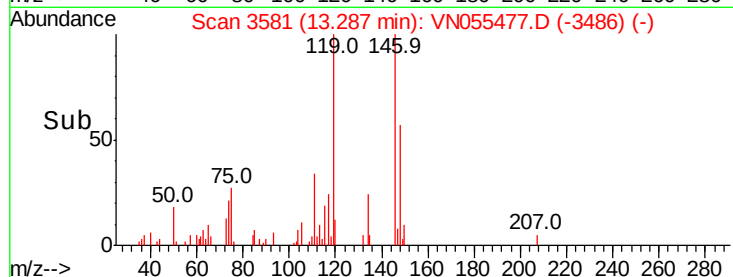
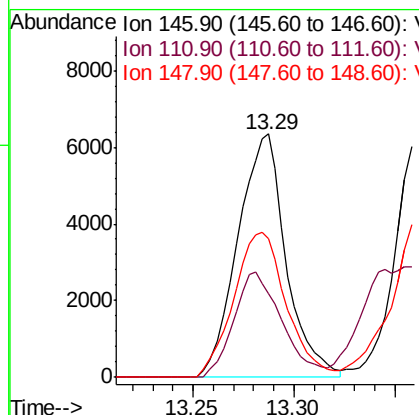
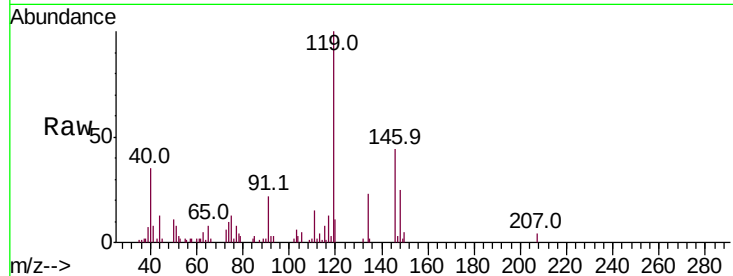
#87
 1,3-Dichlorobenzene
 Concen: 1.061 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.01 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	20.4	61.3
148	64.7	32.1	96.5

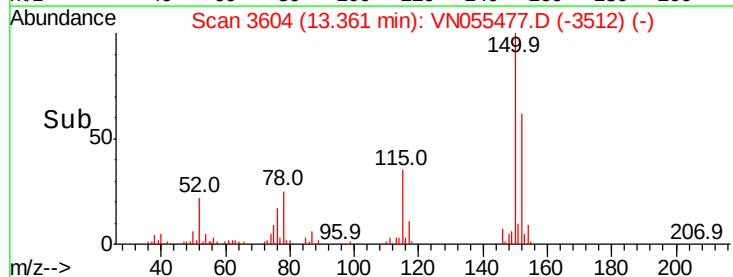
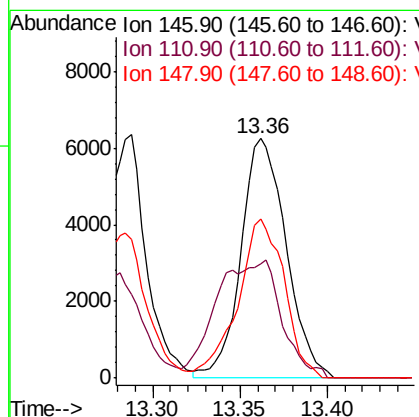
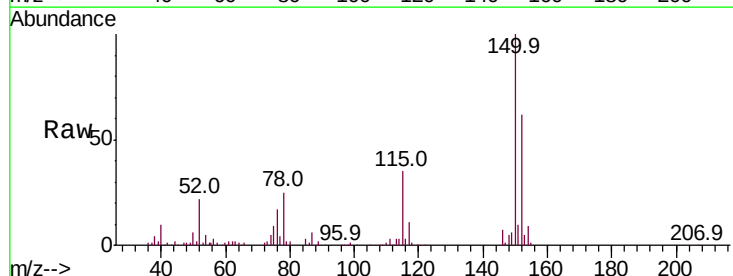
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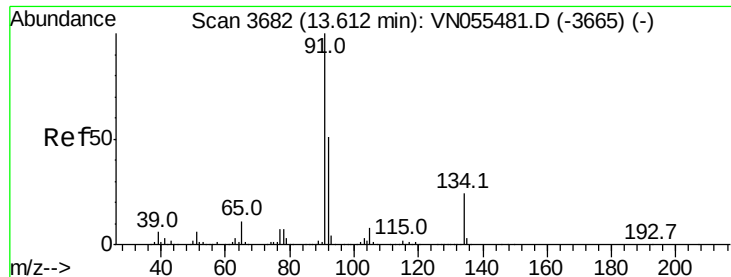
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#88
 1,4-Dichlorobenzene
 Concen: 1.193 ug/l m
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.6	58.8
148	61.0	32.5	97.4





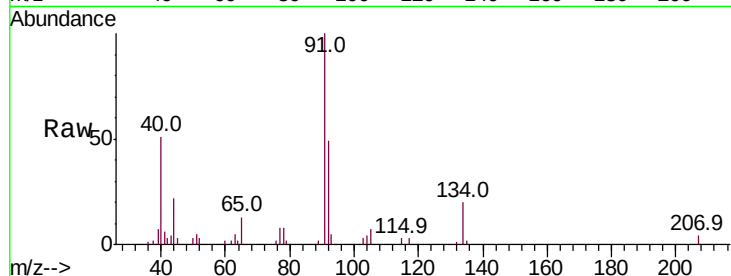
#89
n-Butylbenzene
Concen: 1.123 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.3	25.9	77.7
134	20.9	11.8	35.4

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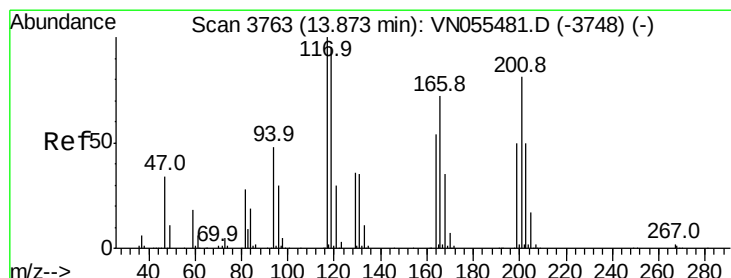
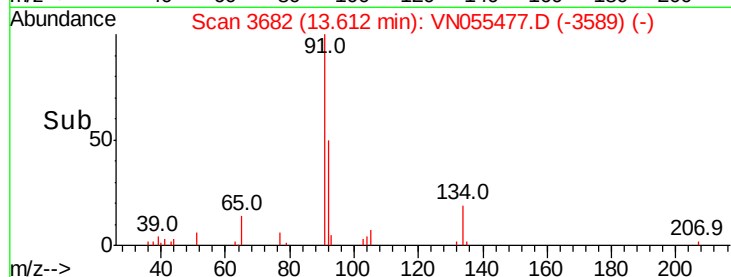
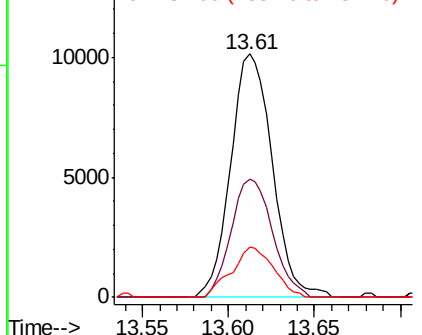


Abundance

Ion 91.00 (90.70 to 91.70): VN055481.D (-3665) (-)

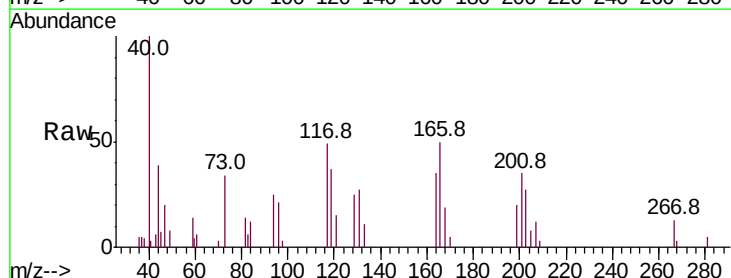
Ion 92.00 (91.70 to 92.70): VN055481.D (-3665) (-)

Ion 134.00 (133.70 to 134.70): VN055481.D (-3665) (-)



#90
Hexachloroethane
Concen: 1.049 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055477.D
Acq: 8 May 2019 16:07

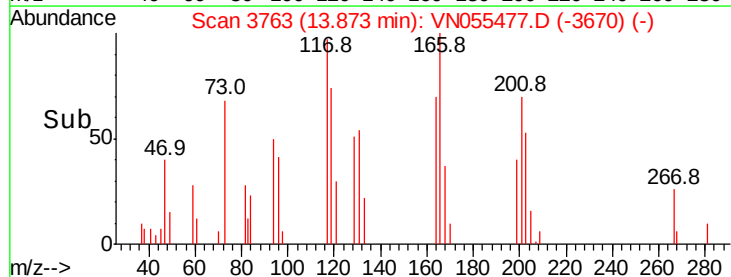
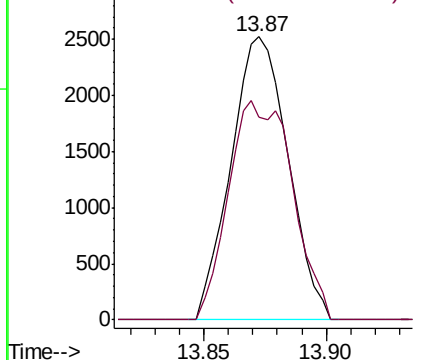
Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.6	40.1	120.2

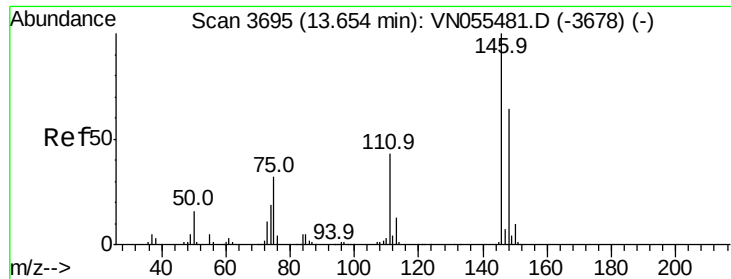


Abundance

Ion 116.80 (116.50 to 117.50): VN055481.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN055481.D (-3748) (-)





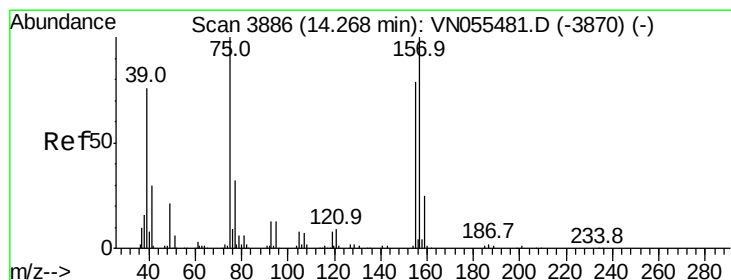
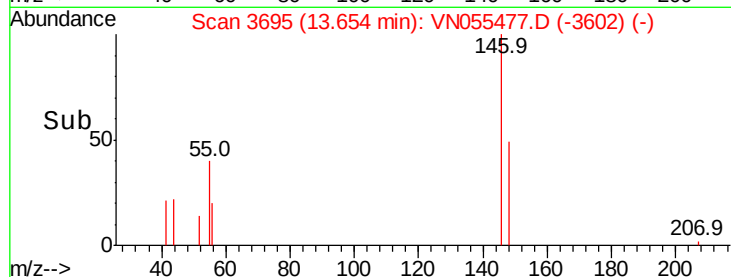
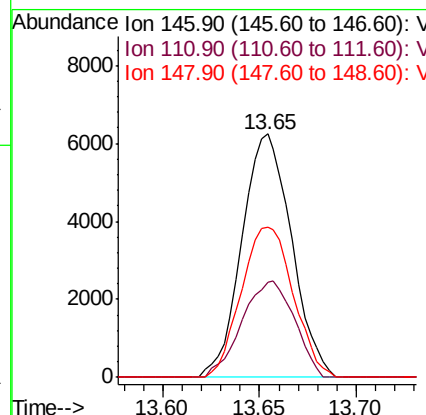
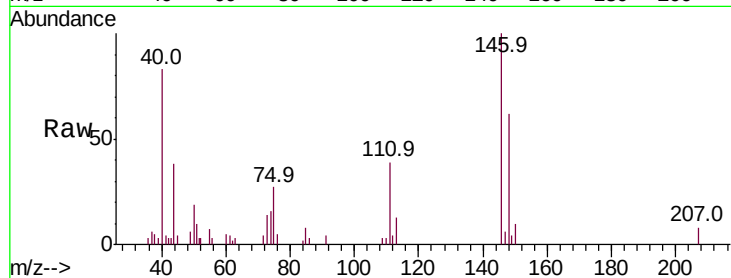
#91
 1,2-Dichlorobenzene
 Concen: 1.121 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.3	63.7
148	64.7	31.9	95.9

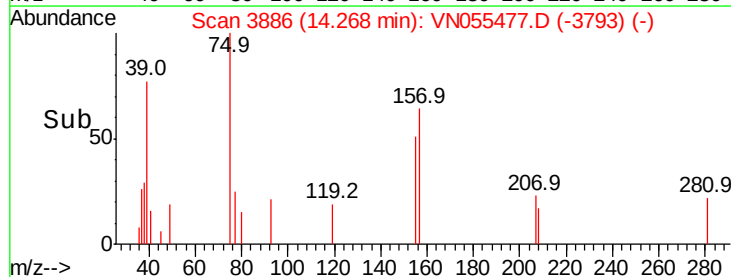
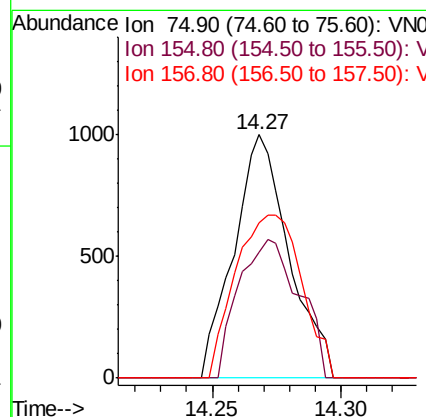
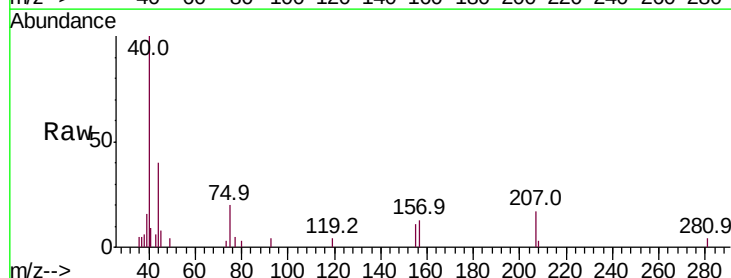
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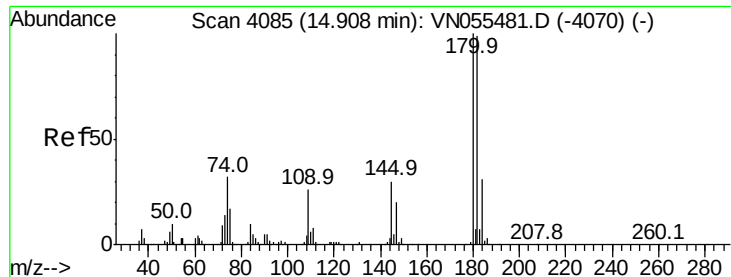
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.713 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	62.4	39.3	117.8
157	80.8	50.6	151.8





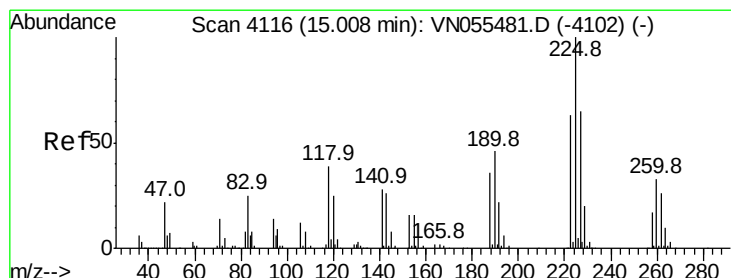
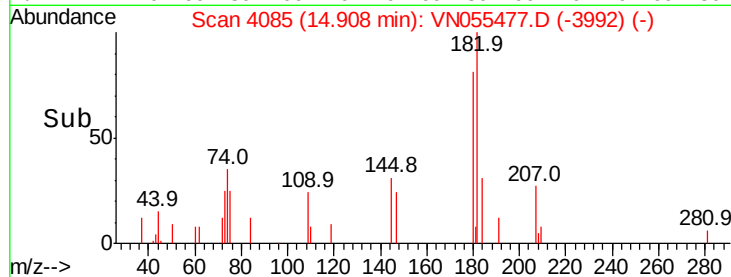
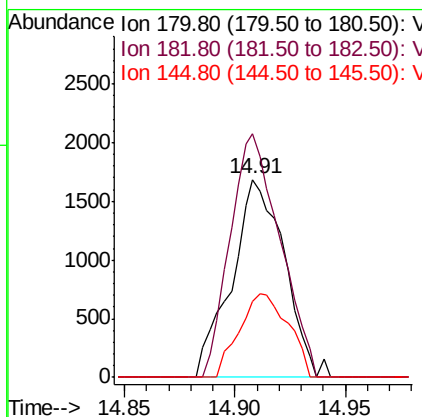
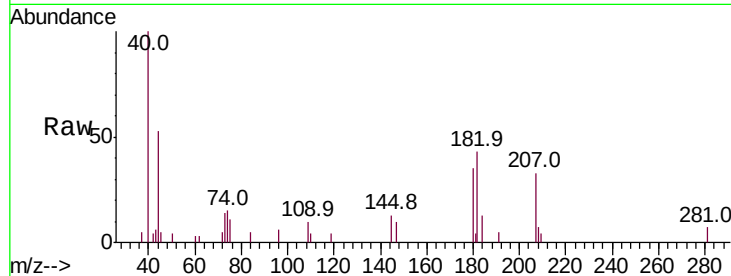
#93
 1,2,4-Trichlorobenzene
 Concen: 0.885 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	116.1	48.7	146.1	
145	39.0	15.3	45.9	

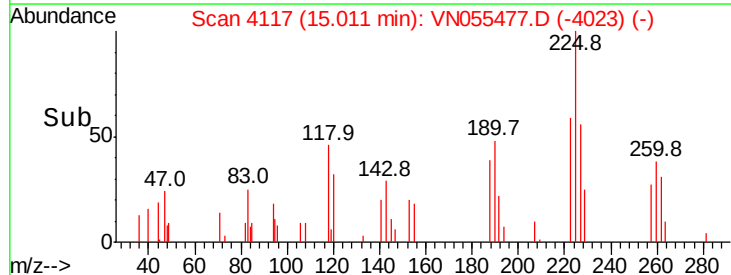
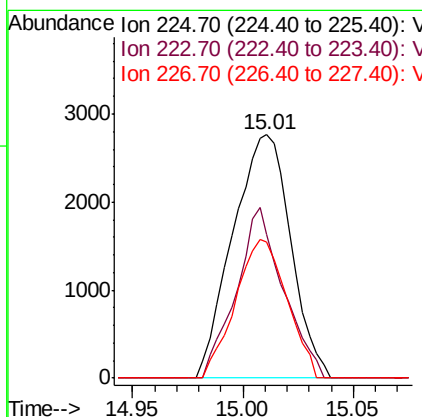
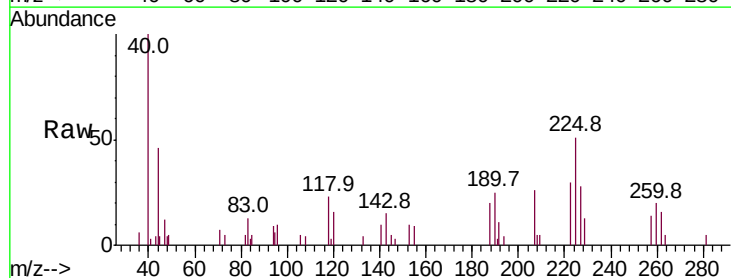
Manual Integrations
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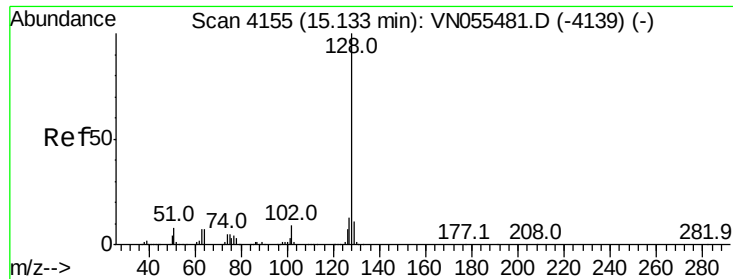
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 1.380 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN055477.D
 Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	56.9	31.4	94.3	
227	50.7	32.0	96.0	





#95

Naphthalene

Concen: 1.415 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Instrument :

MSVOA_N

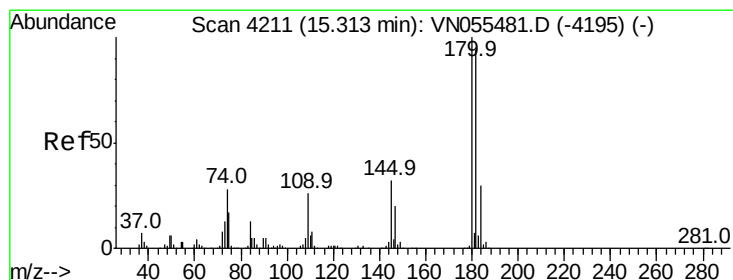
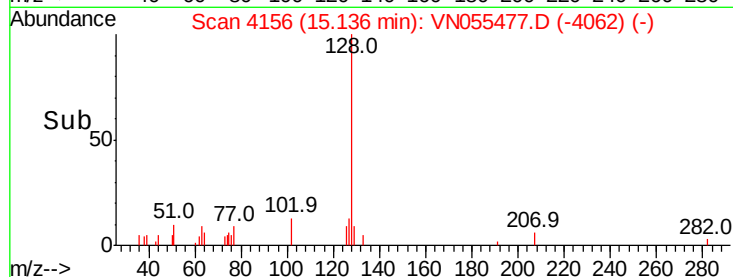
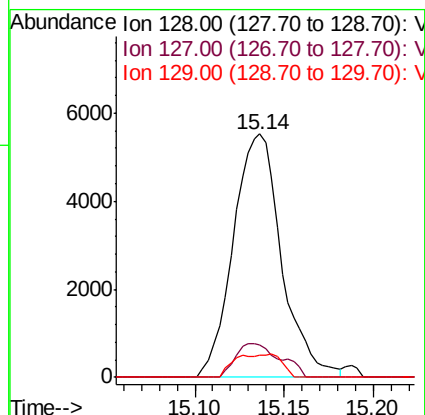
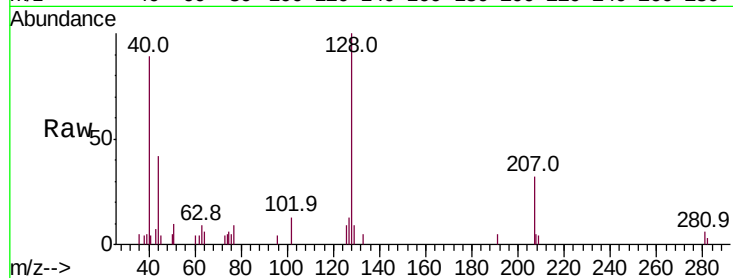
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.0	15.0
129	4.5	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 1.300 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN055477.D

Acq: 8 May 2019 16:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	79.7	47.1	141.3
145	14.4	15.8	47.4

