

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062056.D
 Acq On : 24 Jun 2020 9:42
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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 6/25/2020 6:09:58 PM

Quant Time: Jun 24 11:19:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	197455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	348736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	313165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119884	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	1.83	85	2848	1.289	ug/l	91
3) Chloromethane	2.03	50	4208	1.554	ug/l	95
4) Vinyl Chloride	2.16	62	4578	1.417	ug/l	96
6) Chloroethane	2.67	64	3355	1.520	ug/l	99
7) Trichlorofluoromethane	2.98	101	5546	1.447	ug/l	100
8) Diethyl Ether	3.38	74	1806	1.370	ug/l #	52
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2756	1.369	ug/l #	65
12) 1,1-Dichloroethene	3.69	96	2771	1.376	ug/l	94
14) Allyl chloride	4.27	41	3628	1.341	ug/l #	76
15) Acrylonitrile	4.94	53	5441m	5.877	ug/l	
16) Acetone	3.78	43	7627	9.431	ug/l	92
17) Carbon Disulfide	4.00	76	9736	1.643	ug/l	97
18) Methyl Acetate	4.29	43	2739m	1.240	ug/l	
19) Methyl tert-butyl Ether	5.00	73	7704	1.149	ug/l #	80
20) Methylene Chloride	4.49	84	4138	1.612	ug/l #	78
21) trans-1,2-Dichloroethene	4.99	96	3397m	1.470	ug/l	
22) Diisopropyl ether	5.91	45	7758	1.255	ug/l #	84
23) Vinyl Acetate	5.84	43	28461	5.793	ug/l	99
24) 1,1-Dichloroethane	5.80	63	5674	1.410	ug/l #	82
25) 2-Butanone	6.79	43	7790	6.671	ug/l	97
26) 2,2-Dichloropropane	6.77	77	5143	1.511	ug/l #	76
27) cis-1,2-Dichloroethene	6.78	96	3427	1.287	ug/l	82
28) Bromochloromethane	7.14	49	2728m	1.517	ug/l	
29) Tetrahydrofuran	7.16	42	4578m	5.947	ug/l	
30) Chloroform	7.33	83	5600	1.310	ug/l	89
32) 1,1,1-Trichloroethane	7.52	97	4440	1.221	ug/l #	50
36) 1,1-Dichloropropene	7.75	75	4050	1.270	ug/l	98
37) Ethyl Acetate	6.88	43	3505	1.388	ug/l #	81
38) Carbon Tetrachloride	7.73	117	3790	1.207	ug/l #	84
39) Methylcyclohexane	9.05	83	4094	1.192	ug/l	93
40) Benzene	8.00	78	12383	1.276	ug/l	97
41) Methacrylonitrile	7.12	41	1059	0.962	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	4431	1.341	ug/l	88
43) Isopropyl Acetate	8.13	43	5086	1.203	ug/l	93

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	3408	1.347	ug/l	91
45) 1,2-Dichloropropane	9.09	63	2948	1.238	ug/l	95
46) Dibromomethane	9.18	93	2106	1.263	ug/l	93
47) Bromodichloromethane	9.36	83	4078	1.191	ug/l #	90
48) Methyl methacrylate	9.17	41	1985	1.027	ug/l	95
49) 1,4-Dioxane	9.17	88	1091	24.543	ug/l #	60
51) 4-Methyl-2-Pentanone	9.95	43	12537	4.986	ug/l	99
52) Toluene	10.12	92	6982	1.149	ug/l	95
53) t-1,3-Dichloropropene	10.36	75	4183	1.144	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	4384	1.106	ug/l	94
55) 1,1,2-Trichloroethane	10.54	97	3090	1.290	ug/l	94
56) Ethyl methacrylate	10.40	69	2917	0.910	ug/l	97
57) 1,3-Dichloropropane	10.68	76	4905	1.208	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	7589	6.012	ug/l	98
59) 2-Hexanone	10.72	43	8496	4.703	ug/l	91
60) Dibromochloromethane	10.87	129	3330	1.258	ug/l	93
61) 1,2-Dibromoethane	10.98	107	3002	1.205	ug/l	94
64) Tetrachloroethene	10.60	164	2686	1.350	ug/l	97
65) Chlorobenzene	11.41	112	8301	1.256	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	3039	1.324	ug/l #	59
67) Ethyl Benzene	11.48	91	12328	1.110	ug/l	92
68) m/p-Xylenes	11.60	106	8032	1.876	ug/l	97
69) o-Xylene	11.92	106	3836	0.941	ug/l	92
70) Styrene	11.94	104	5659	0.829	ug/l	92
71) Bromoform	12.10	173	1629	0.976	ug/l #	93
73) Isopropylbenzene	12.22	105	9835	1.149	ug/l	97
74) N-amyl acetate	12.05	43	2294	0.827	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.48	83	3956	1.410	ug/l	93
76) 1,2,3-Trichloropropane	12.53	75	3475m	1.456	ug/l	
77) Bromobenzene	12.50	156	2775	1.288	ug/l	97
78) n-propylbenzene	12.56	91	10711	1.092	ug/l	97
79) 2-Chlorotoluene	12.65	91	7215	1.226	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	6971	0.986	ug/l	100
82) 4-Chlorotoluene	12.75	91	6419	1.056	ug/l	97
83) tert-Butylbenzene	12.97	119	6169	1.029	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	7125	1.022	ug/l	97
85) sec-Butylbenzene	13.15	105	8412	1.069	ug/l	100
86) p-Isopropyltoluene	13.26	119	6450	0.923	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	4583	1.173	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	5166m	1.292	ug/l	
89) n-Butylbenzene	13.59	91	5864	1.001	ug/l	97
90) Hexachloroethane	13.85	117	1663	1.291	ug/l	88
91) 1,2-Dichlorobenzene	13.63	146	4382	1.167	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.25	75	472	1.037	ug/l	67
93) 1,2,4-Trichlorobenzene	14.89	180	1166	0.663	ug/l	89
94) Hexachlorobutadiene	14.99	225	723	1.036	ug/l	81
95) Naphthalene	15.11	128	3382	0.666	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.29	180	1655	0.945	ug/l	89

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ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 11:12:39 2020
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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

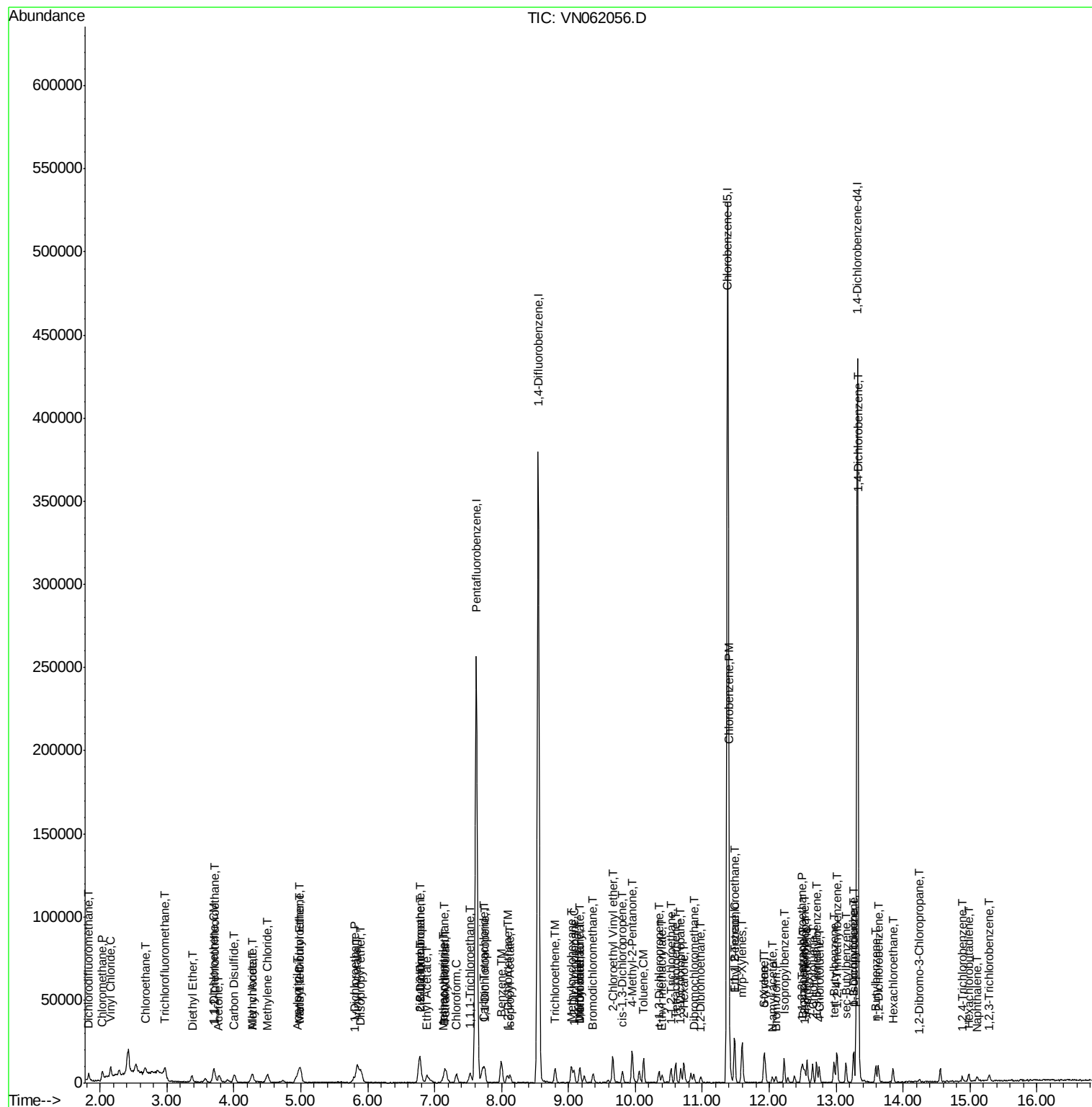
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
Data File : VN062056.D
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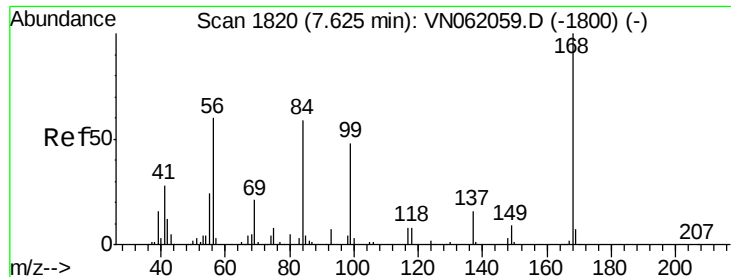
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 197455

Ion Ratio Lower Upper

168 100

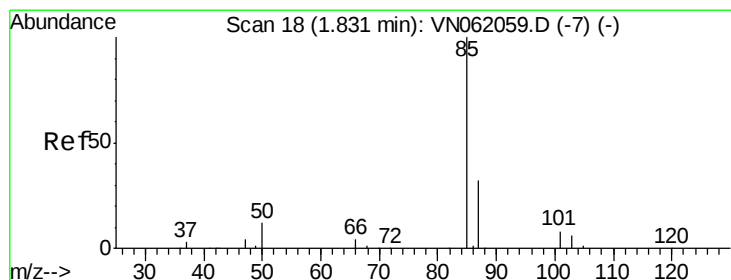
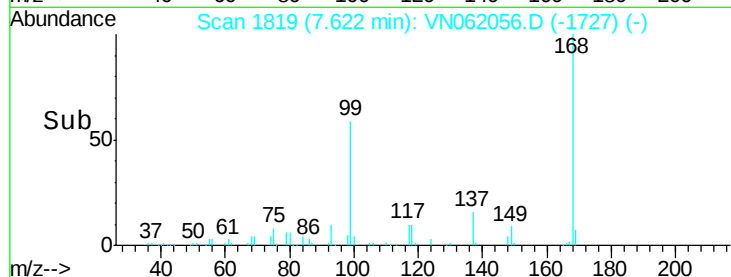
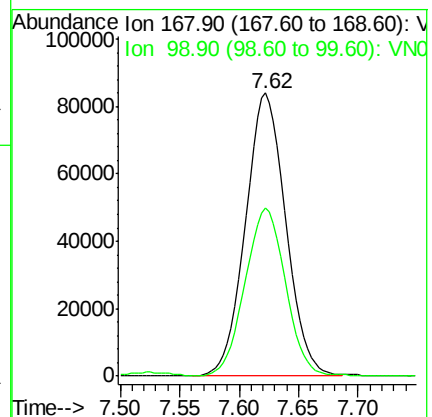
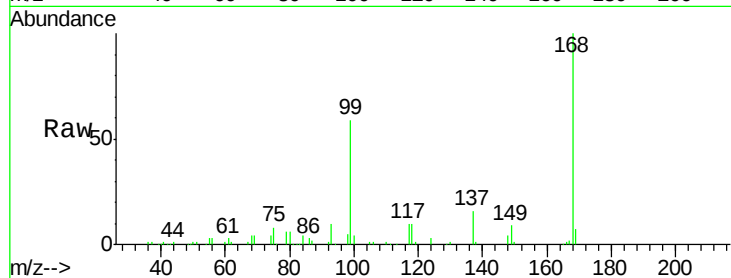
99 59.2 45.8 68.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 1.289 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062056.D

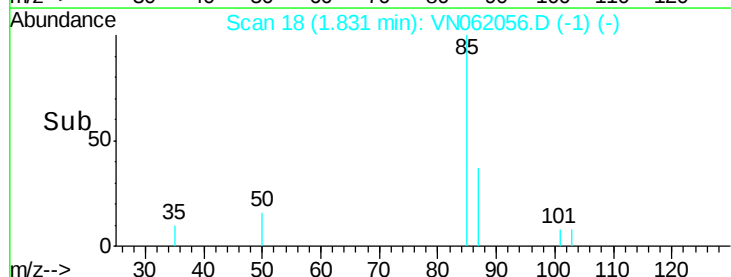
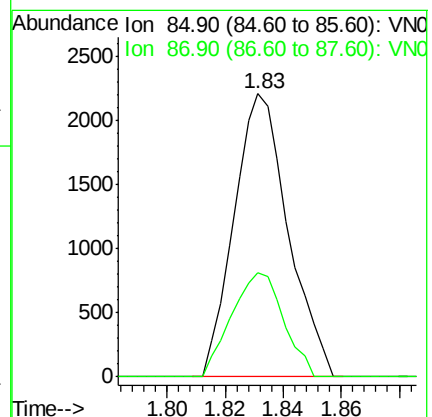
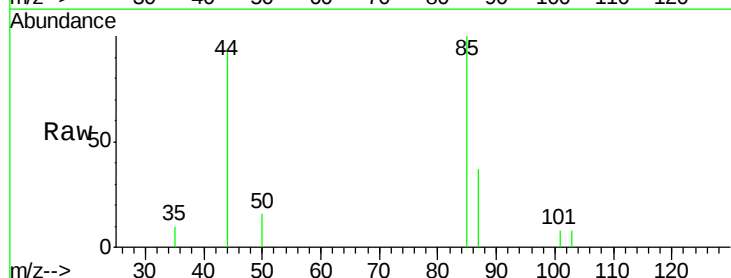
Acq: 24 Jun 2020 9:42

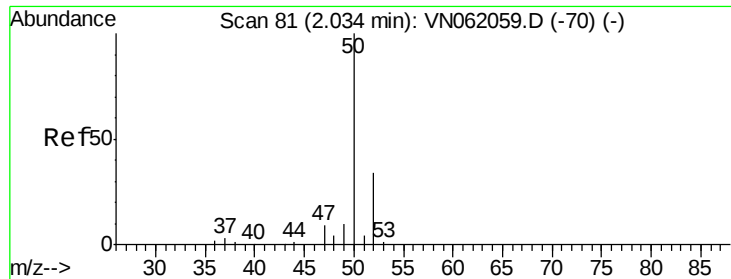
Tgt Ion: 85 Resp: 2848

Ion Ratio Lower Upper

85 100

87 36.6 15.9 47.7





#3

Chloromethane

Concen: 1.554 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4208

Ion Ratio Lower Upper

50 100

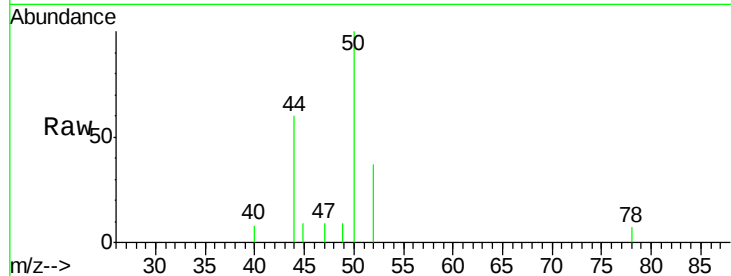
52 36.8 27.0 40.6

Manual Integrations

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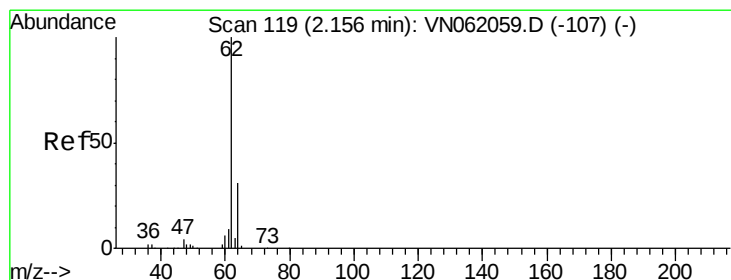
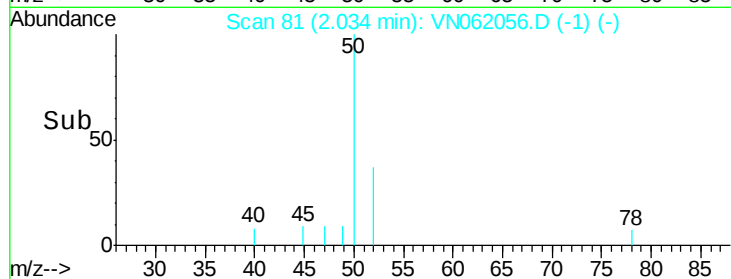
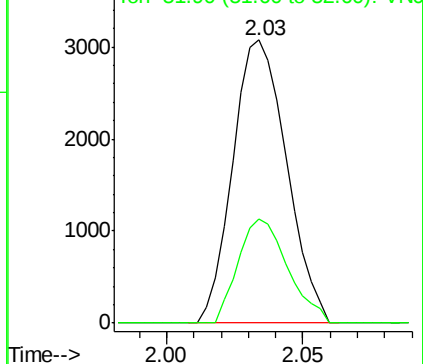
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 1.417 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062056.D

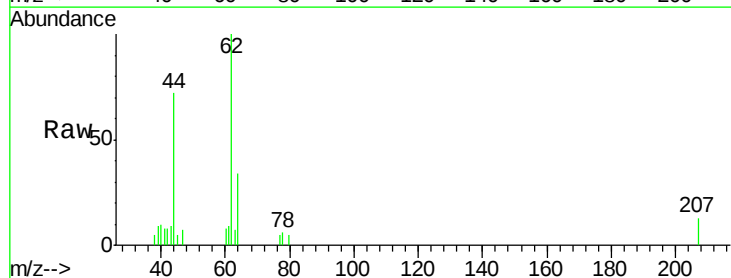
Acq: 24 Jun 2020 9:42

Tgt Ion: 62 Resp: 4578

Ion Ratio Lower Upper

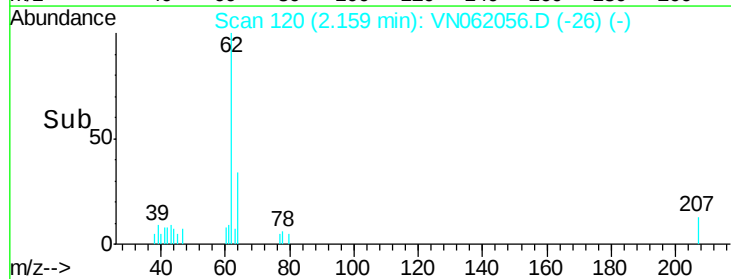
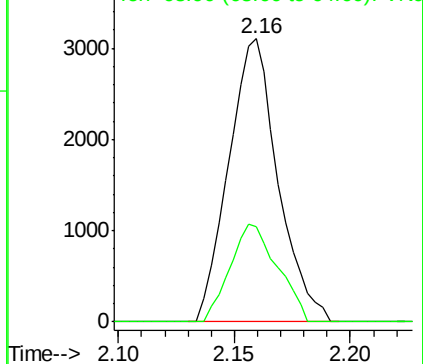
62 100

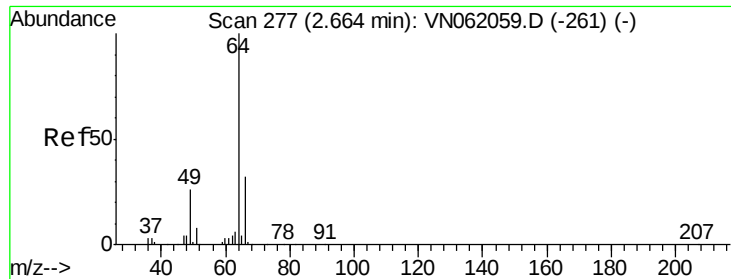
64 33.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#6

Chloroethane

Concen: 1.520 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 64 Resp: 3355

Ion Ratio Lower Upper

64 100

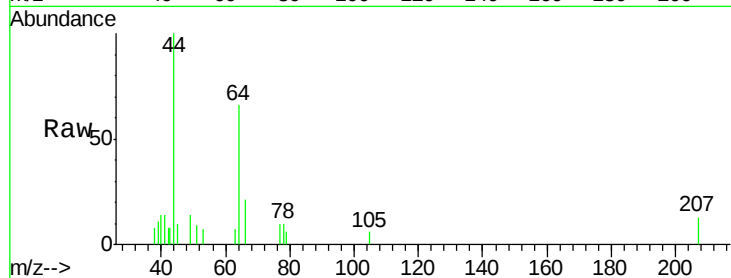
66 31.5 25.8 38.6

Manual Integrations

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Abundance Ion 63.90 (63.60 to 64.60): VN062059.D (-261) (-)

Ion 65.90 (65.60 to 66.60): VN062059.D (-261) (-)

2000

1500

1000

500

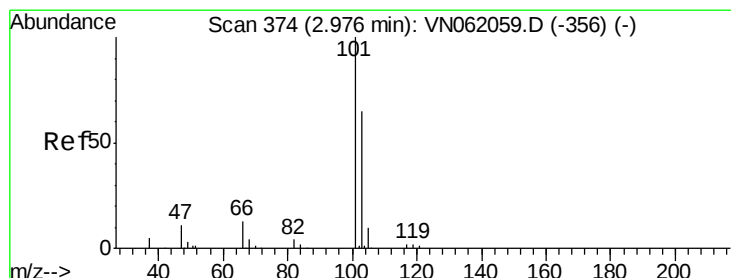
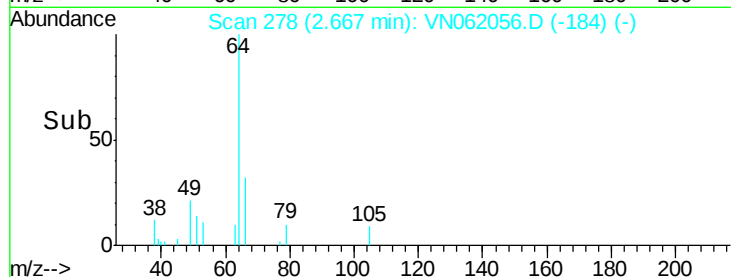
0

2.65

2.67

2.70

Time-->



#7

Trichlorofluoromethane

Concen: 1.447 ug/l

RT: 2.98 min Scan# 376

Delta R.T. 0.01 min

Lab File: VN062056.D

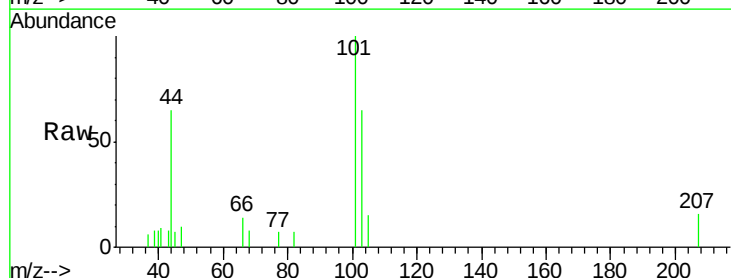
Acq: 24 Jun 2020 9:42

Tgt Ion: 101 Resp: 5546

Ion Ratio Lower Upper

101 100

103 64.9 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): VN062059.D (-356) (-)

Ion 102.80 (102.50 to 103.50): VN062059.D (-356) (-)

2500

2000

1500

1000

500

0

2.90

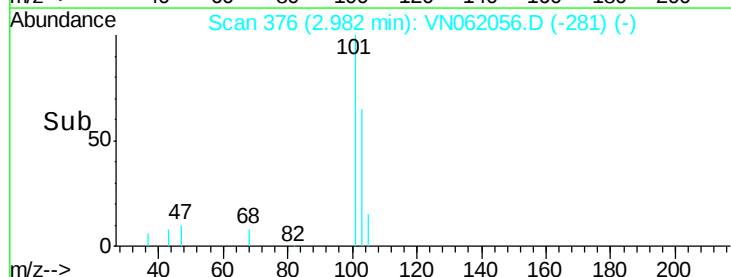
2.95

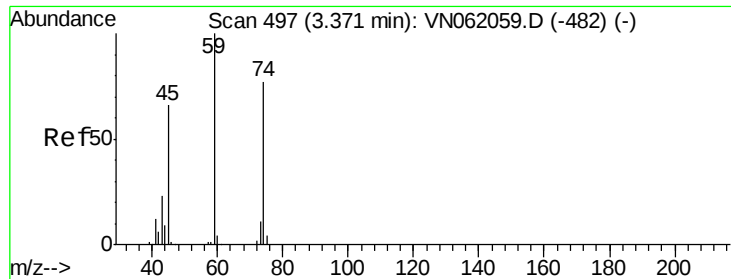
2.98

3.00

3.05

Time-->





#8

Diethyl Ether

Concen: 1.370 ug/l

RT: 3.38 min Scan# 500

Delta R.T. 0.01 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1806

Ion Ratio Lower Upper

74 100

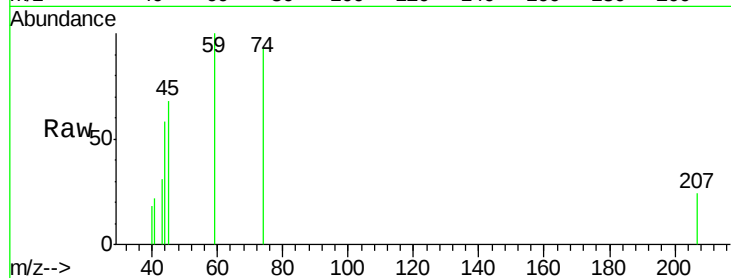
45 41.6 42.5 127.5#

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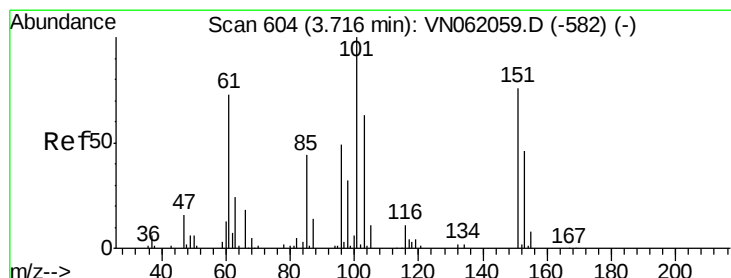
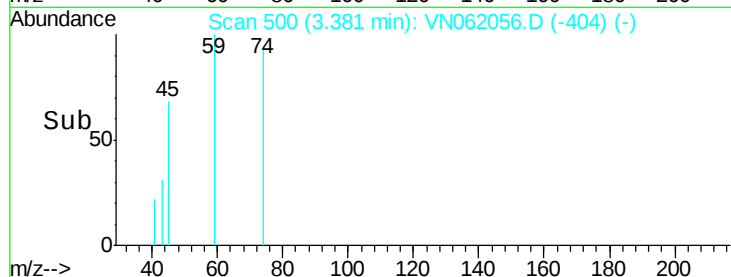
Abundance Ion 74.00 (73.70 to 74.70): VN062059.D (-482) (-)

Ion 45.00 (44.70 to 45.70): VN062059.D (-482) (-)

3.38

3.35 3.40

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.369 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

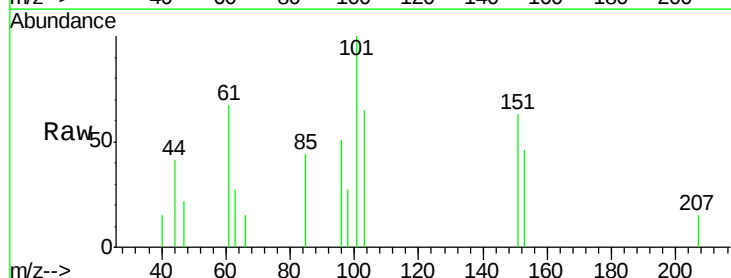
Tgt Ion: 101 Resp: 2756

Ion Ratio Lower Upper

101 100

85 48.3 34.5 51.7

151 29.6 57.8 86.8#



Abundance Ion 100.90 (100.60 to 101.60): VN062059.D (-582) (-)

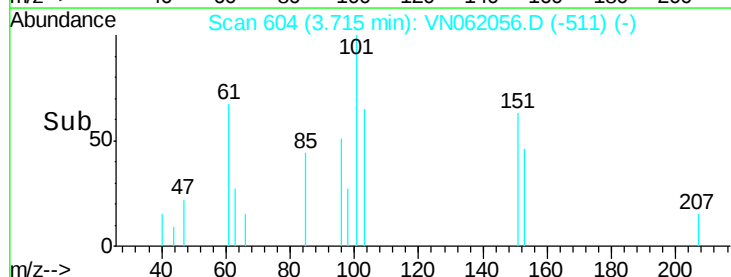
Ion 84.90 (84.60 to 85.60): VN062059.D (-582) (-)

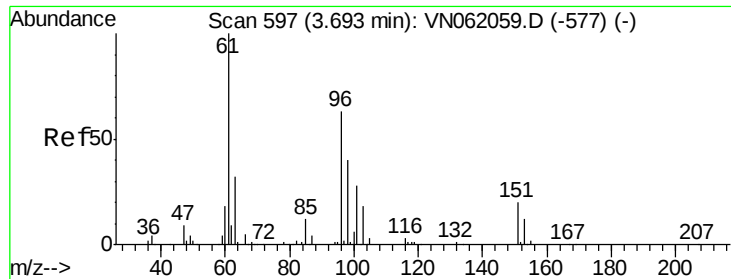
Ion 150.80 (150.50 to 151.50): VN062059.D (-582) (-)

3.72

3.65 3.75

Time-->





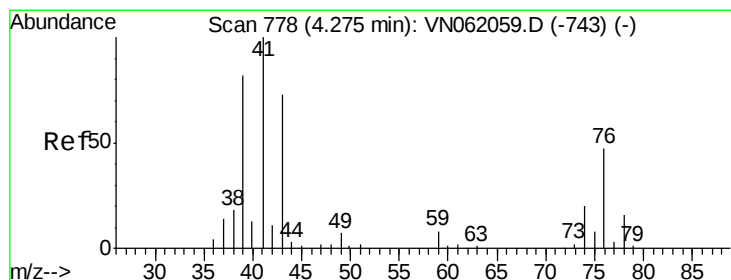
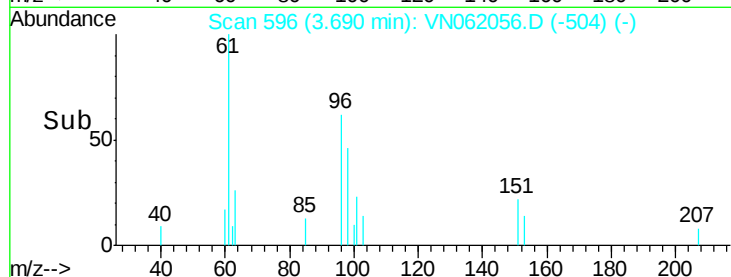
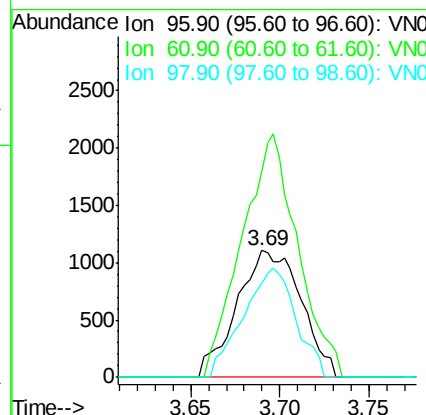
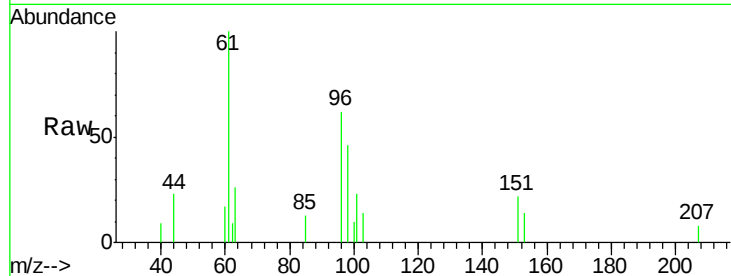
#12
1,1-Dichloroethene
Concen: 1.376 ug/l
RT: 3.69 min Scan# 596
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.7	126.7	190.1
98	74.3	51.0	76.4

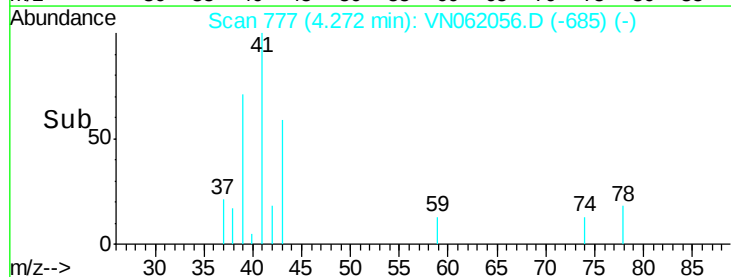
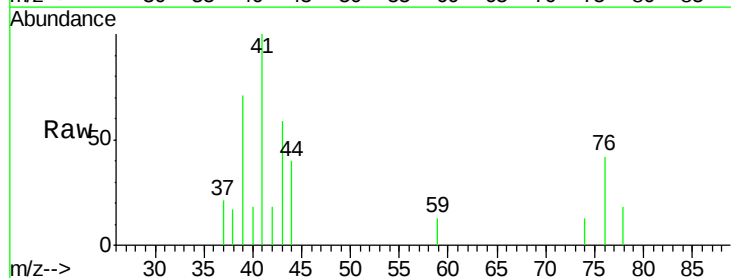
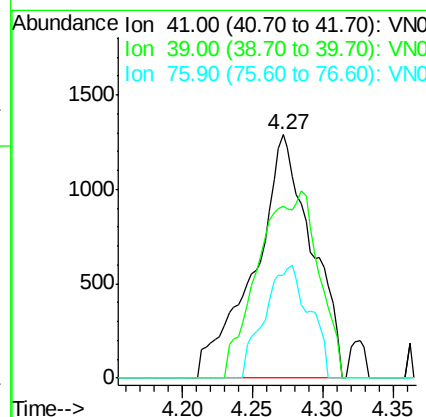
Manual Integrations
APPROVED

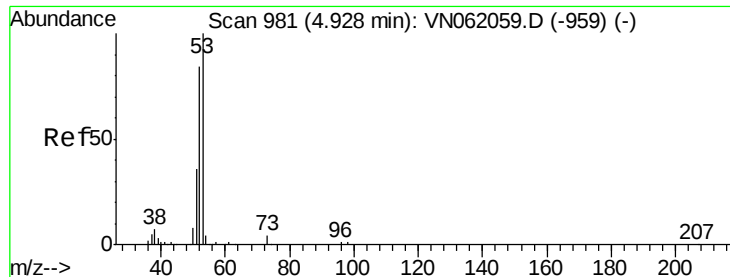
MMDadoda
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#14
Allyl chloride
Concen: 1.341 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
41	100		
39	48.0	60.0	90.0#
76	36.4	34.1	51.1





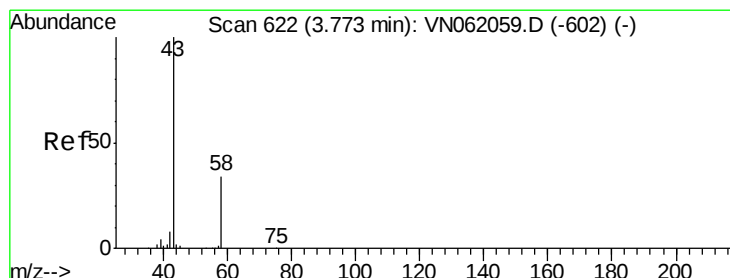
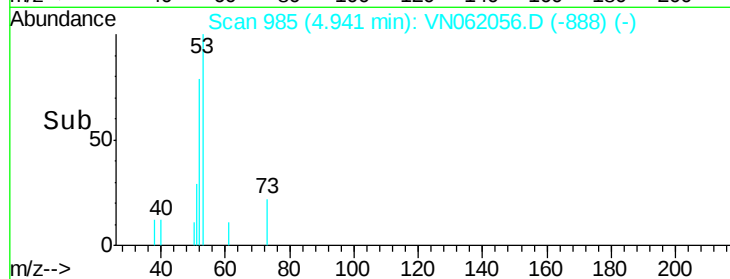
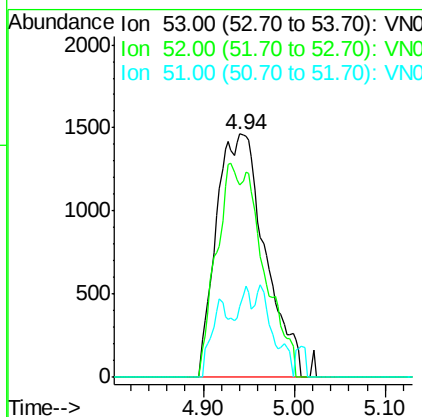
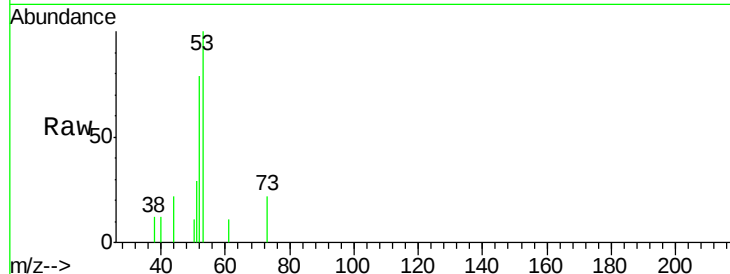
#15
 Acrylonitrile
 Concen: 5.877 ug/l m
 RT: 4.94 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
53	100		
52	42.2	66.2	99.4#
51	12.9	28.9	43.3#

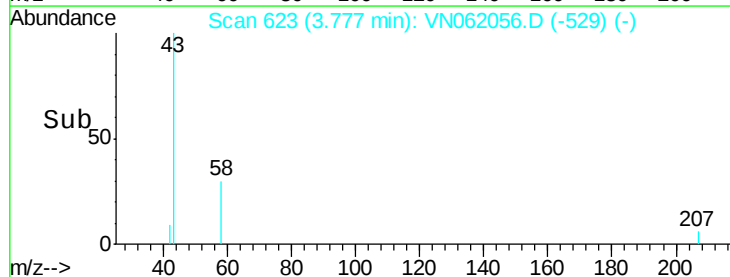
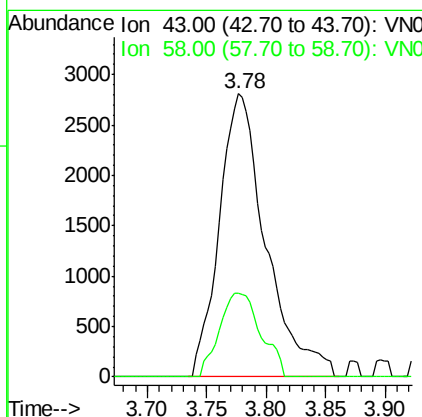
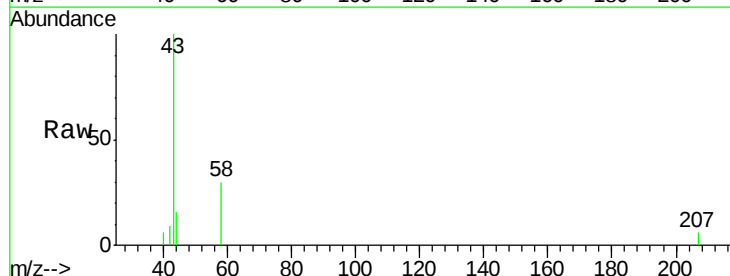
Manual Integrations
 APPROVED

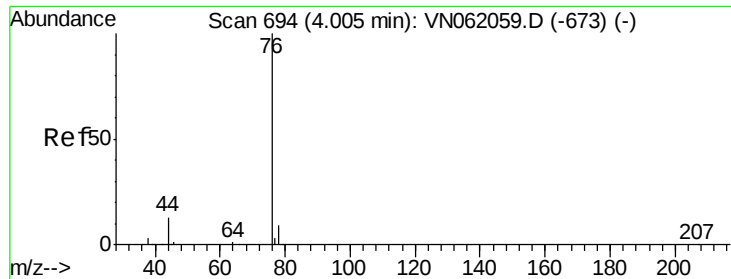
MMDadoda
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#16
 Acetone
 Concen: 9.431 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.6	27.5	41.3





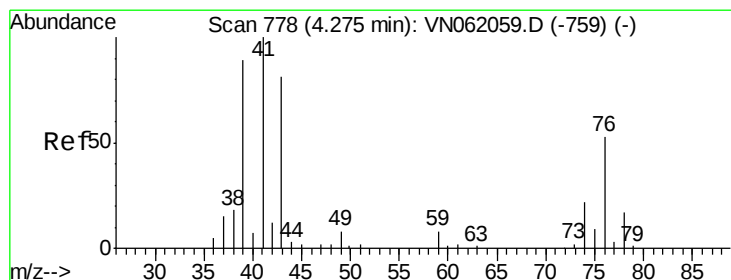
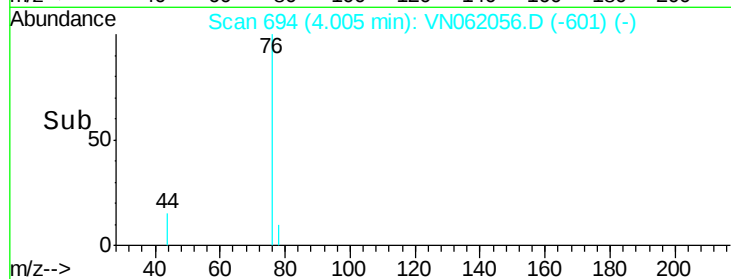
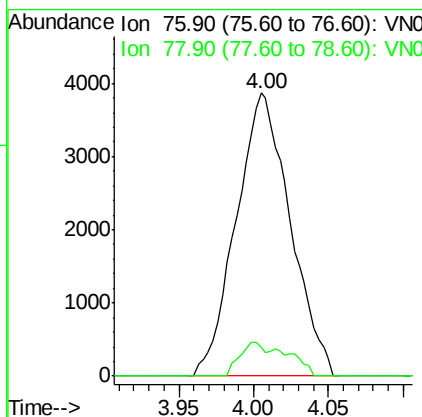
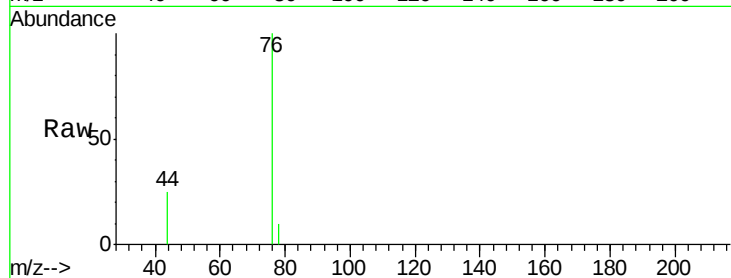
#17
Carbon Disulfide
Concen: 1.643 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 9736
Ion Ratio Lower Upper
76 100
78 10.0 7.2 10.8

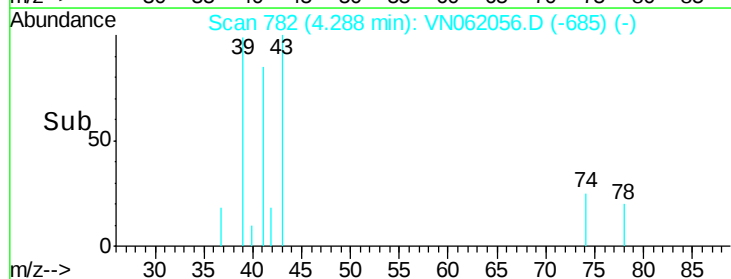
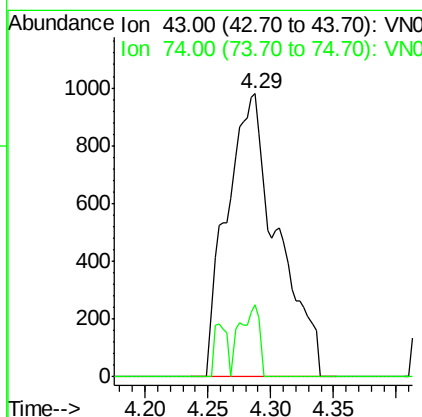
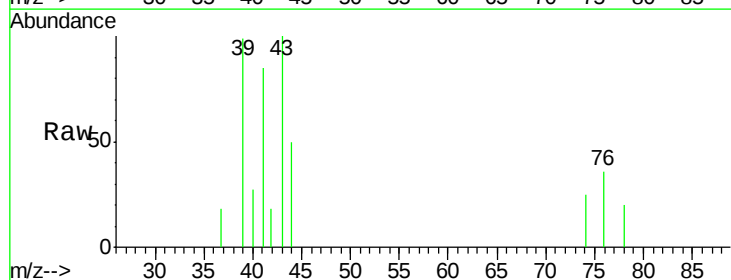
Manual Integrations
APPROVED

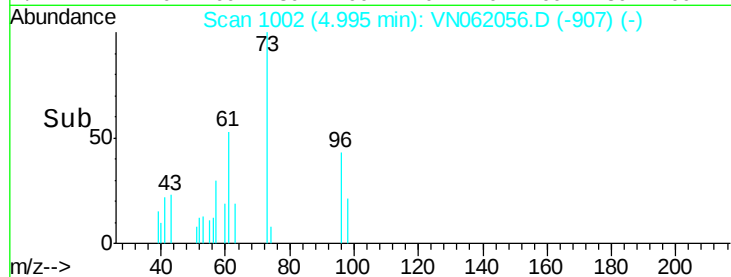
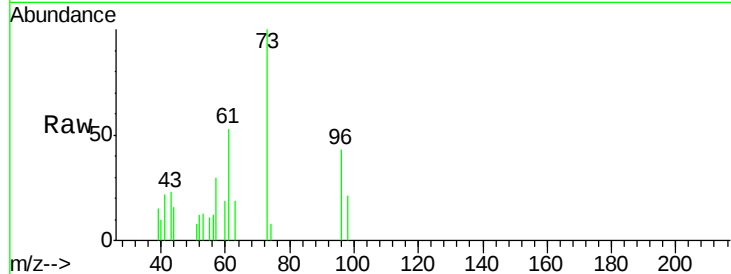
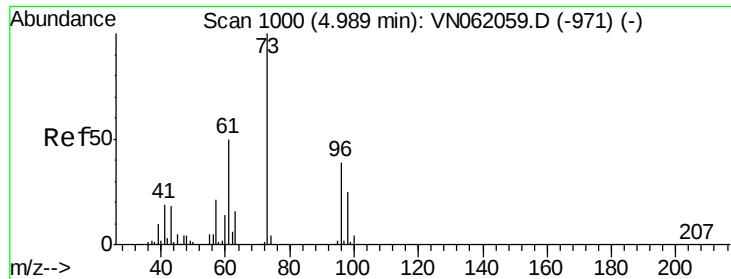
MMDadoda
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#18
Methyl Acetate
Concen: 1.240 ug/l m
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion: 43 Resp: 2739
Ion Ratio Lower Upper
43 100
74 9.8 22.9 34.3#





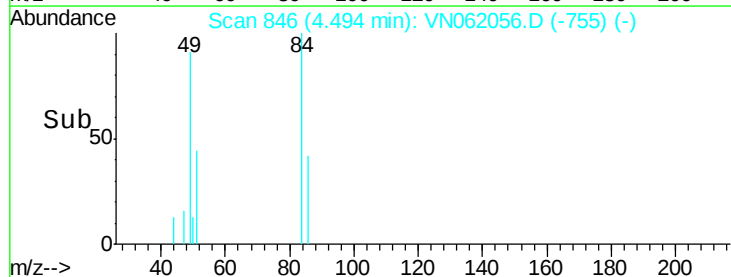
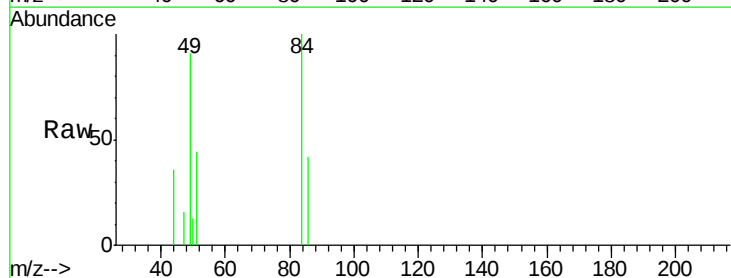
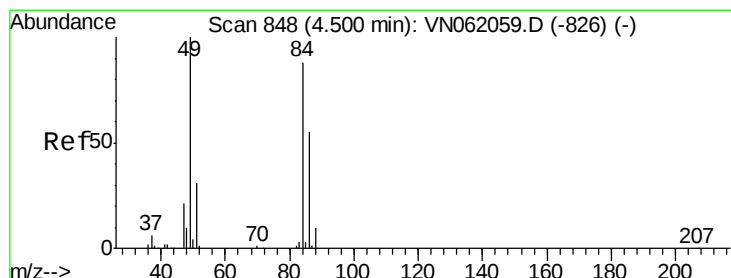
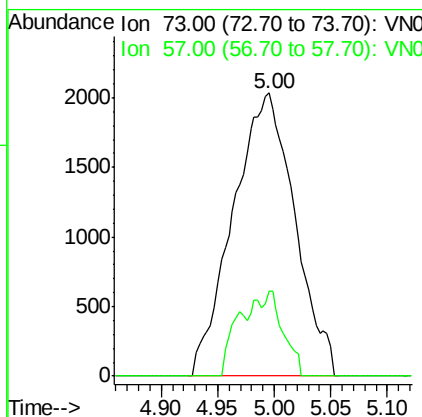
#19
Methvl tert-butvl Ether
Concen: 1.149 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tot Ion: 73 Resp: 7704
Ion Ratio Lower Upper
73 100
57 30.2 16.6 24.8#

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

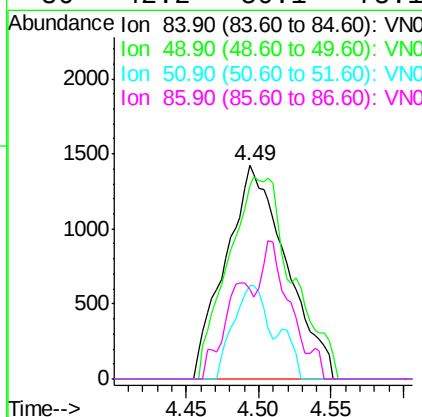
Manual Integrations
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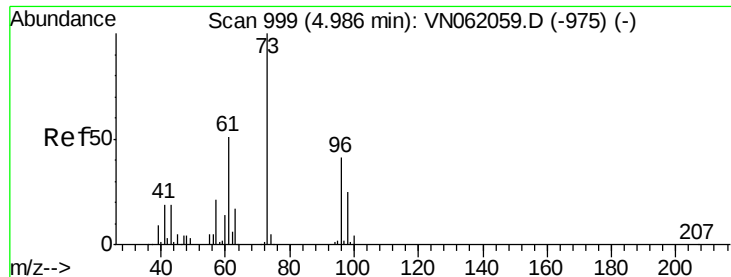
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#20
Methylene Chloride
Concen: 1.612 ug/l
RT: 4.49 min Scan# 846
Delta R.T. -0.01 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion: 84 Resp: 4138
Ion Ratio Lower Upper
84 100
49 90.5 90.6 136.0#
51 43.7 27.8 41.8#
86 42.2 50.1 75.1#





#21

trans-1,2-Dichloroethene

Concen: 1.470 ug/l m

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

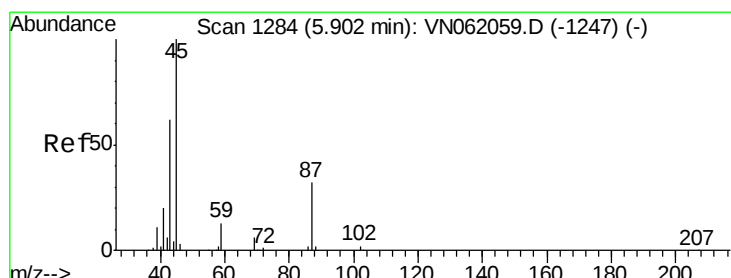
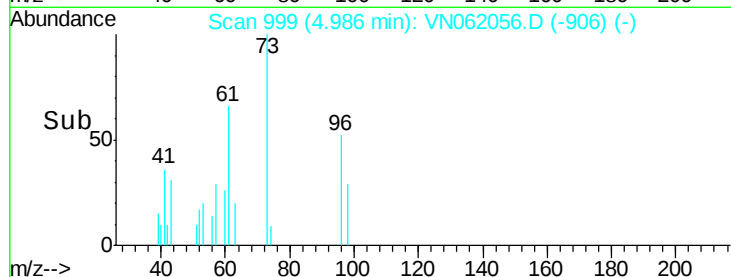
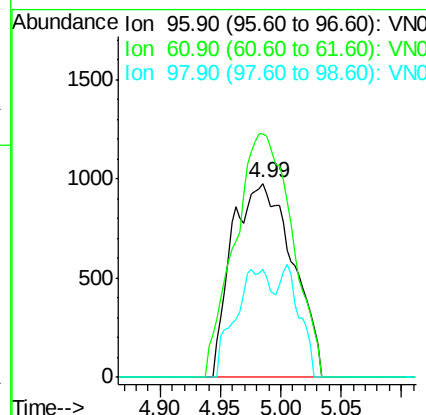
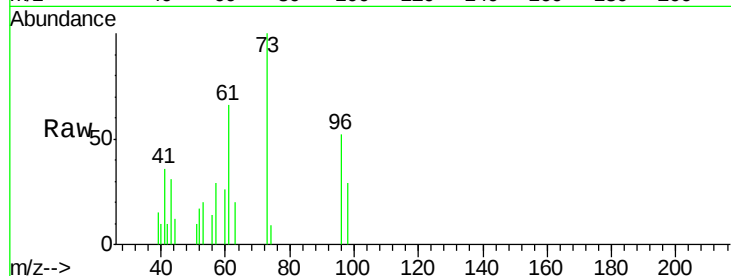
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3397
Ion	Ratio	Lower	Upper
96	100		
61	125.6	101.4	152.2
98	55.6	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 1.255 ug/l

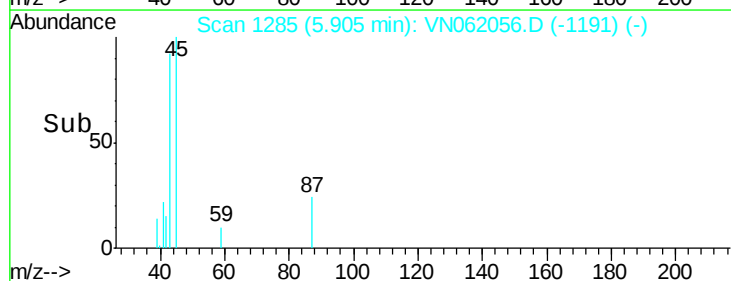
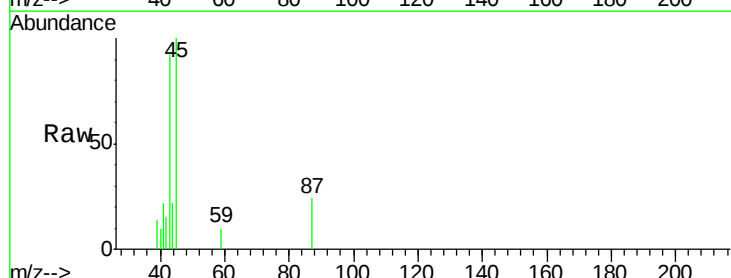
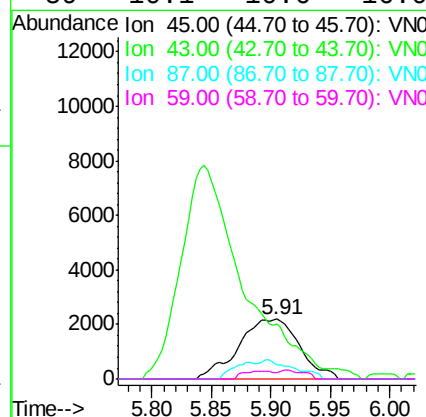
RT: 5.91 min Scan# 1285

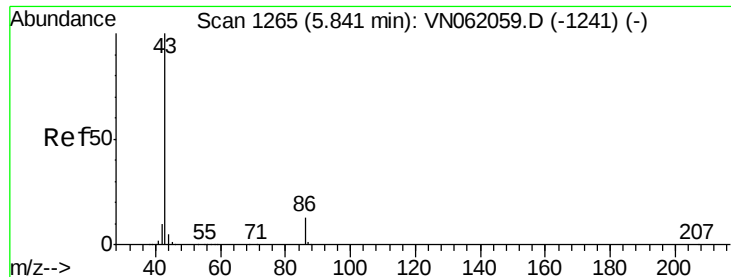
Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Tgt Ion:	45	Resp:	7758
Ion	Ratio	Lower	Upper
45	100		
43	76.3	49.7	74.5#
87	23.5	25.9	38.9#
59	10.1	10.6	16.0#





#23

Vinyl Acetate

Concen: 5.793 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 28461

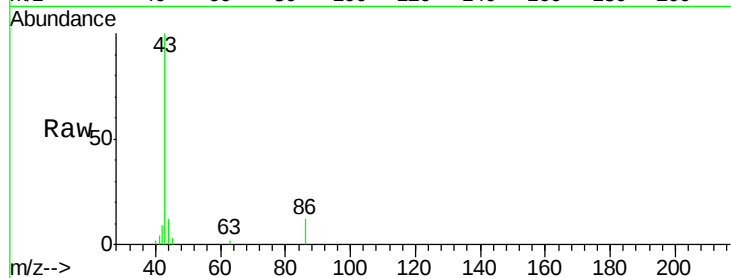
Ion Ratio Lower Upper

43 100

86 12.3 10.1 15.1

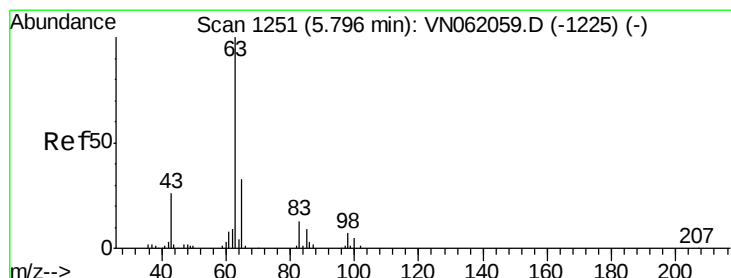
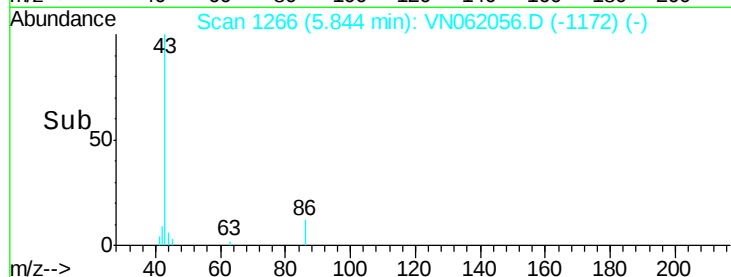
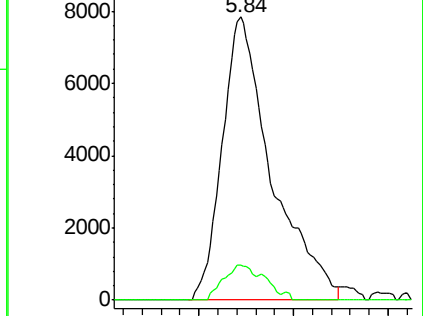
Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062059.D (-1241) (-)



#24

1,1-Dichloroethane

Concen: 1.410 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

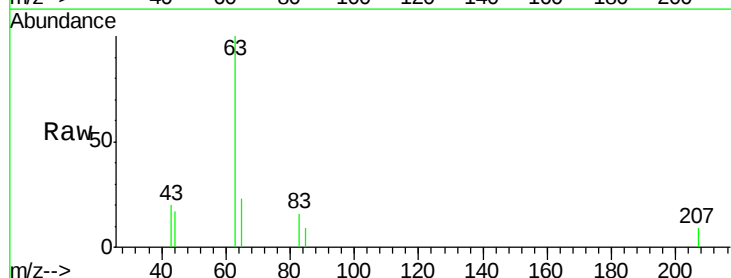
Tgt Ion: 63 Resp: 5674

Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.9#

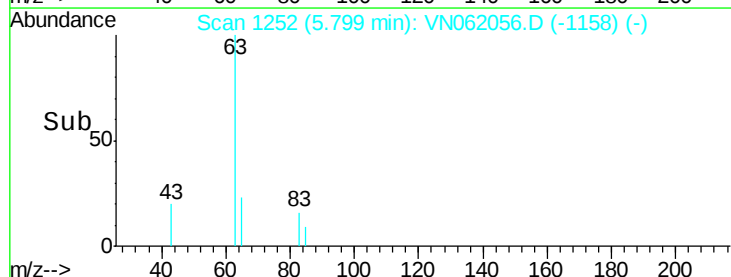
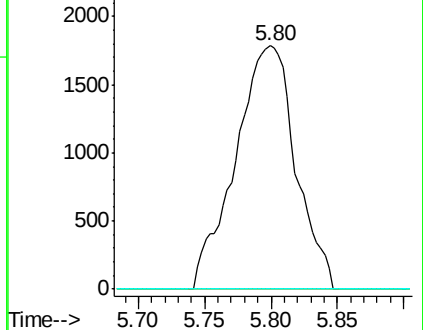
100 0.0 2.4 7.1#

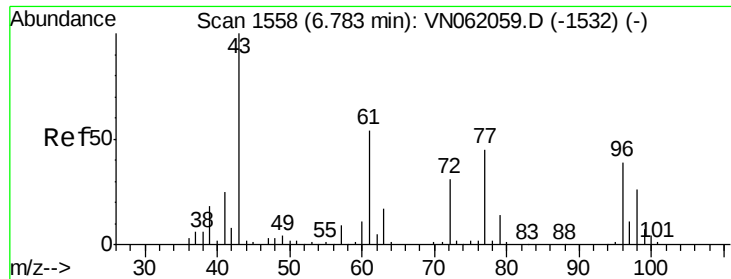


Abundance Ion 62.90 (62.60 to 63.60): VN062059.D (-1225) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1225) (-)

Ion 99.90 (99.60 to 100.60): VN062059.D (-1225) (-)





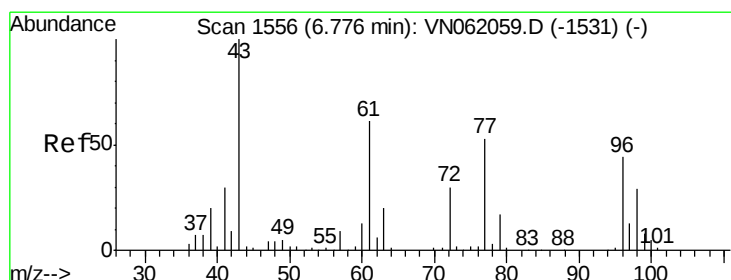
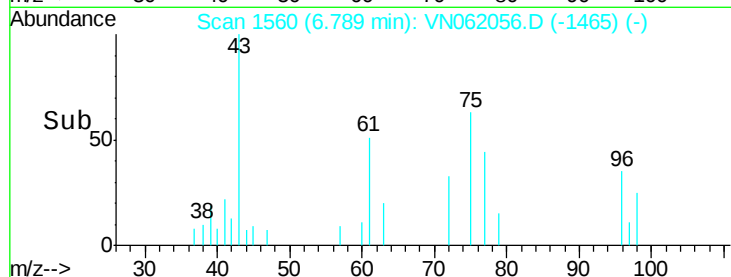
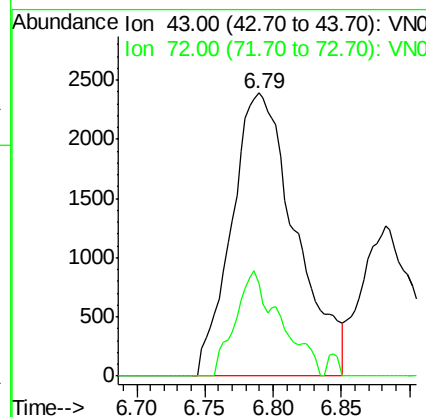
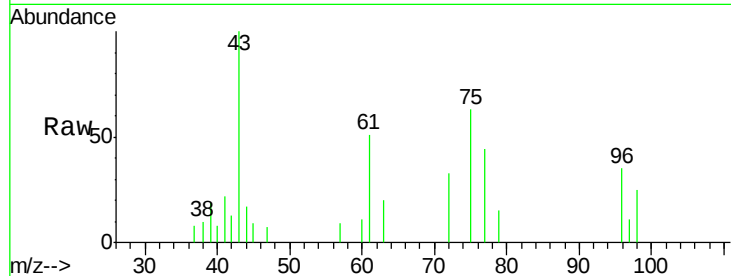
#25
2-Butanone
Concen: 6.671 ug/l
RT: 6.79 min Scan# 1560
Delta R.T. 0.01 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 7790
Ion Ratio Lower Upper
43 100
72 32.9 24.8 37.2

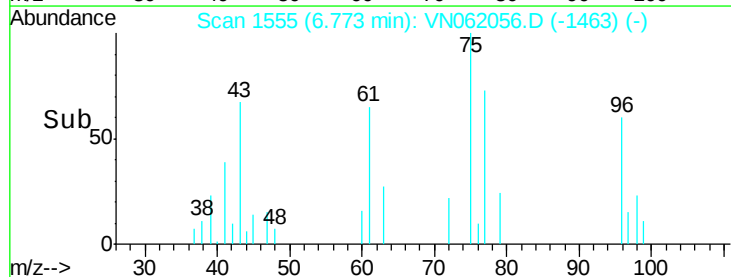
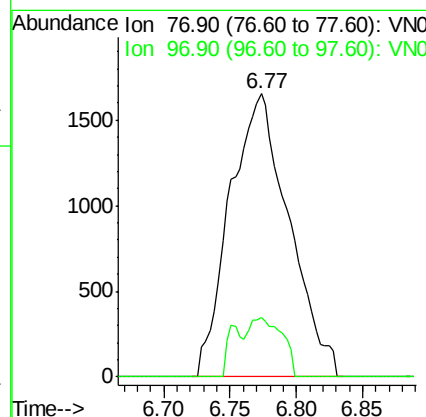
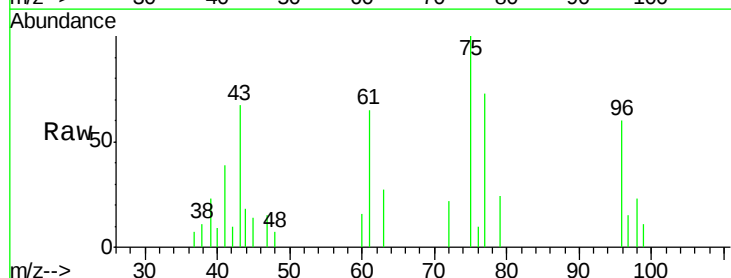
Manual Integrations
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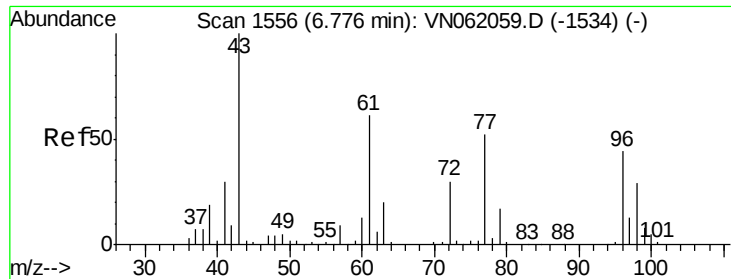
MMDadoda
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#26
2,2-Dichloropropane
Concen: 1.511 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion: 77 Resp: 5143
Ion Ratio Lower Upper
77 100
97 11.6 11.8 35.3#





#27

cis-1,2-Dichloroethene

Concen: 1.287 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

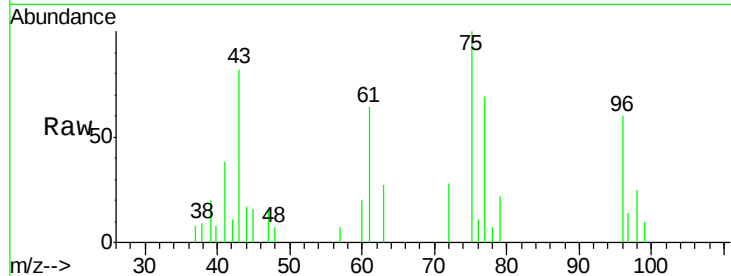
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3427
Ion	Ratio	Lower	Upper
96	100		
61	138.3	0.0	280.4
98	23.7	0.0	129.4

Manual Integrations
APPROVED

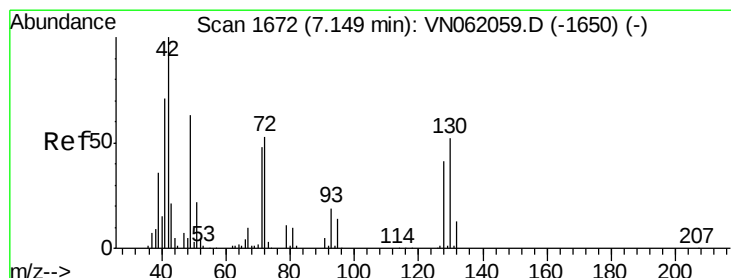
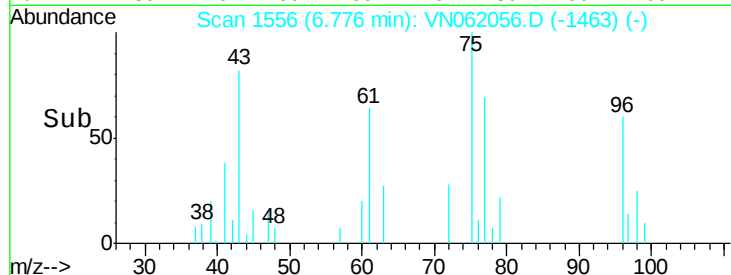
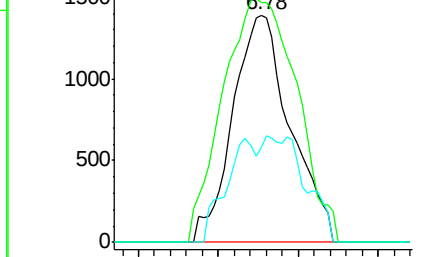
MMDadoda
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Abundance Ion 95.90 (95.60 to 96.60): VN062059.D (-1534) (-)

Ion 60.90 (60.60 to 61.60): VN062059.D (-1534) (-)

Ion 97.90 (97.60 to 98.60): VN062059.D (-1534) (-)



#28

Bromochloromethane

Concen: 1.517 ug/l m

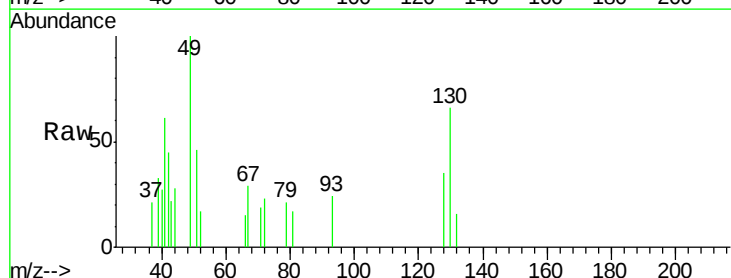
RT: 7.14 min Scan# 1669

Delta R.T. -0.01 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

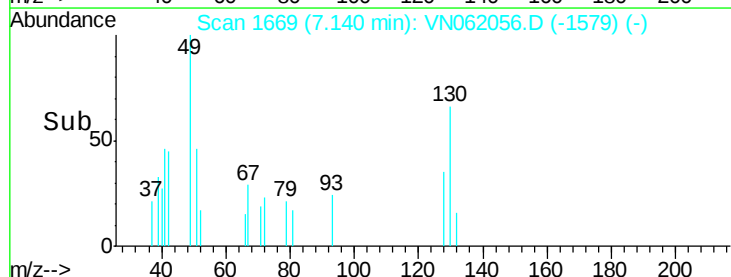
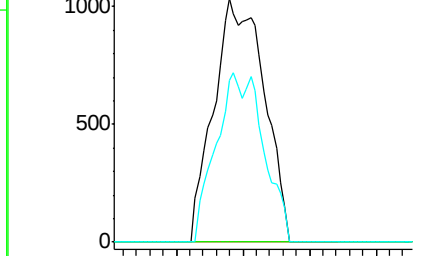
Tgt Ion:	49	Resp:	2728
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	36.8	65.5	98.3#

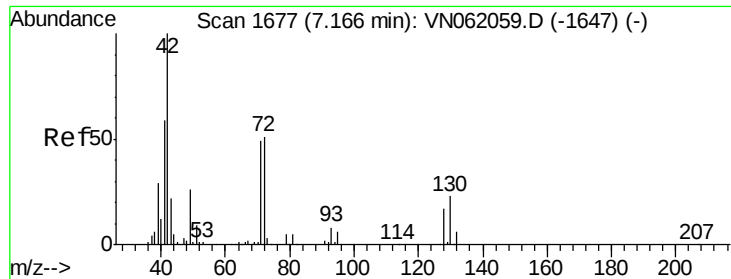


Abundance Ion 48.90 (48.60 to 49.60): VN062059.D (-1650) (-)

Ion 128.80 (128.50 to 129.50): VN062059.D (-1650) (-)

Ion 129.80 (129.50 to 130.50): VN062059.D (-1650) (-)





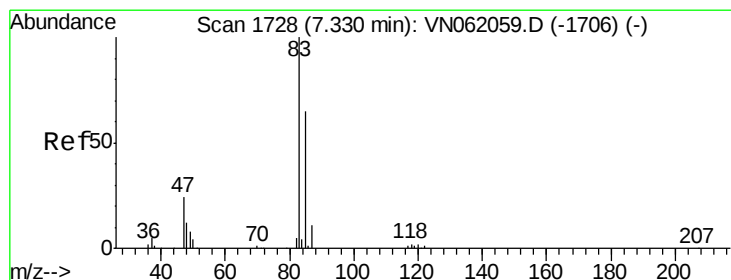
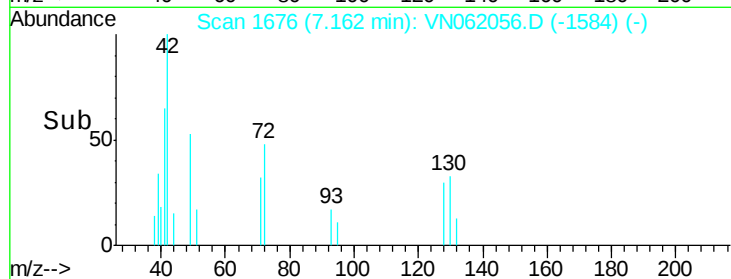
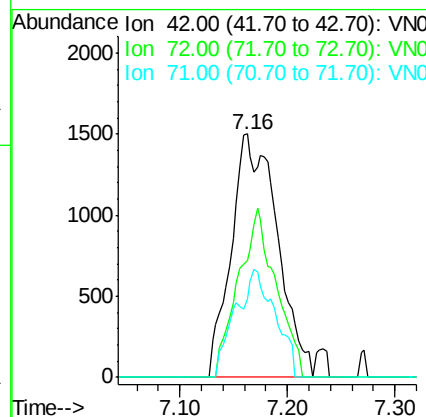
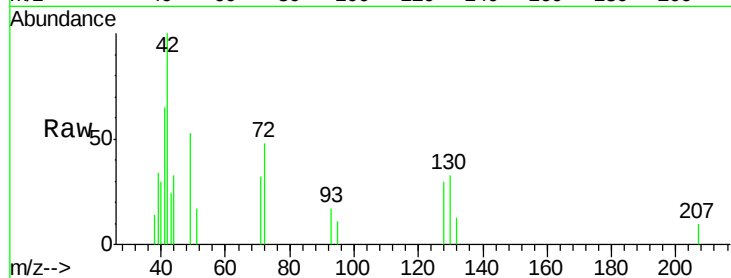
#29
Tetrahydrofuran
Concen: 5.947 ug/l m
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	55.1	41.1	61.7
71	25.7	38.2	57.4

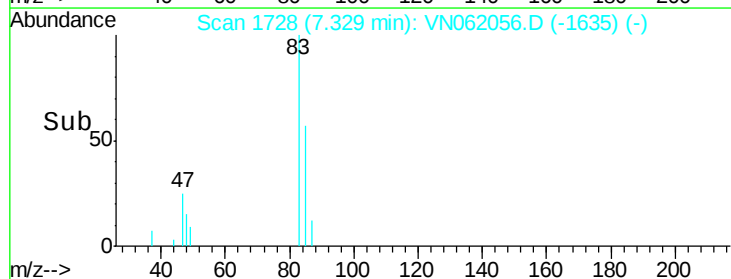
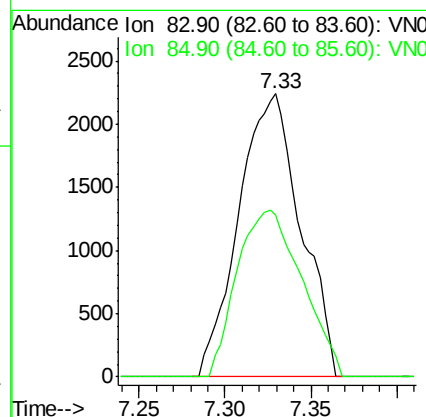
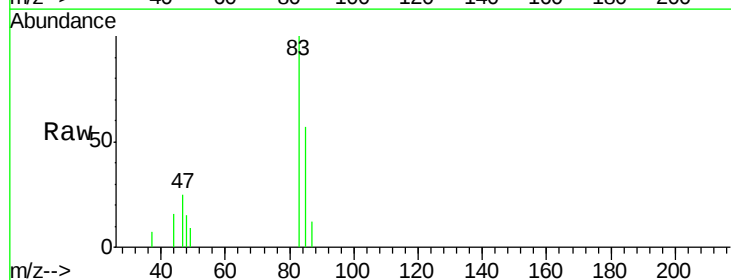
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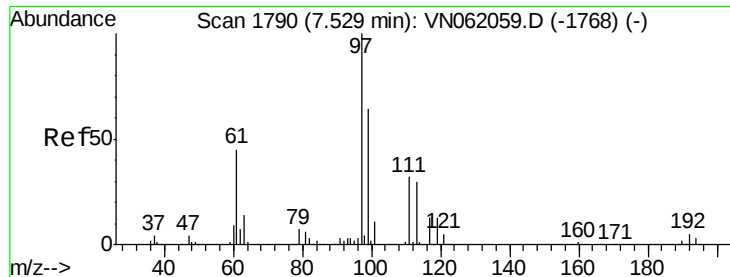
MMDadoda
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#30
Chloroform
Concen: 1.310 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.0	52.3	78.5





#32

1,1,1-Trichloroethane

Concen: 1.221 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

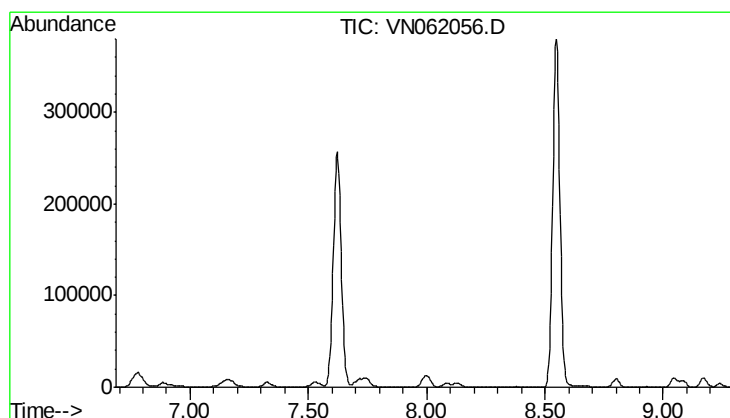
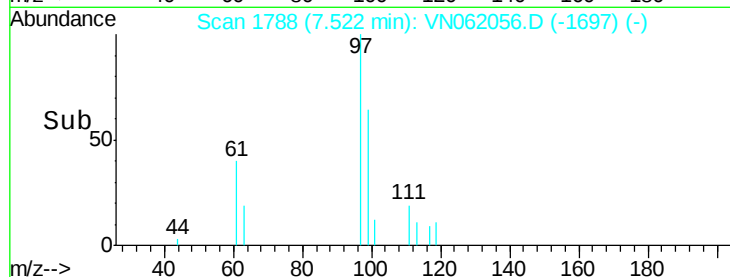
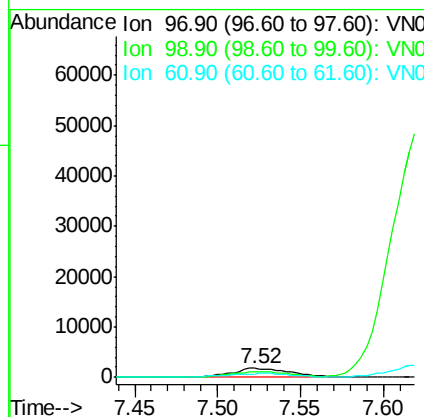
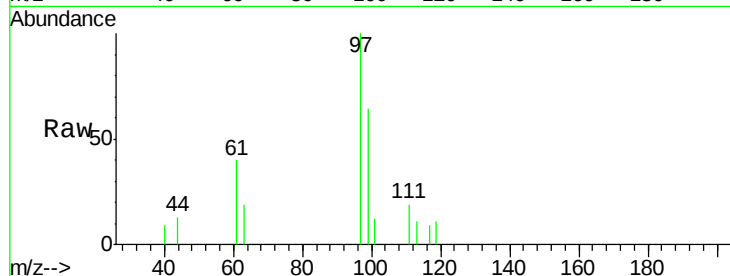
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	4440
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.0	76.4#
61	48.3	36.2	54.2

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN062056.D

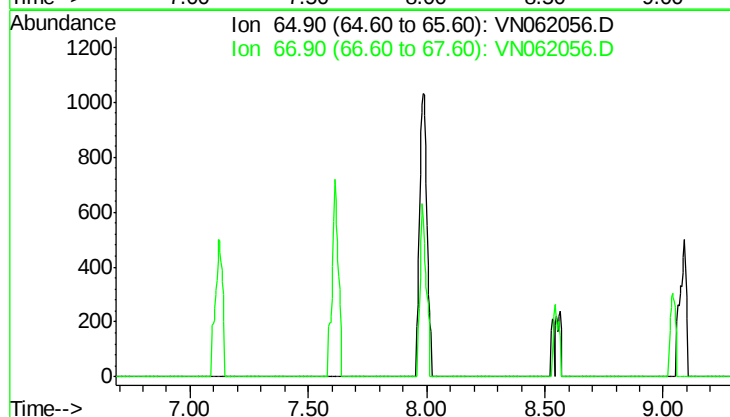
Acq: 24 Jun 2020 9:42

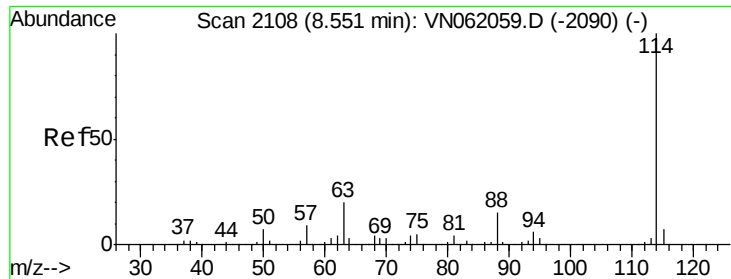
Tgt Ion: 65

Sig Exp Ratio

65 100

67 53.1





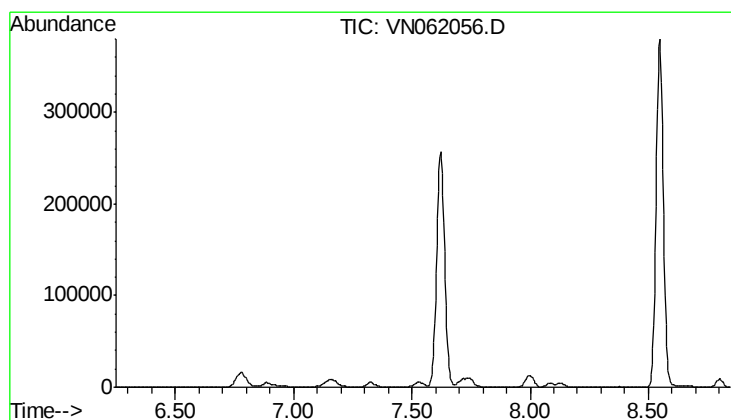
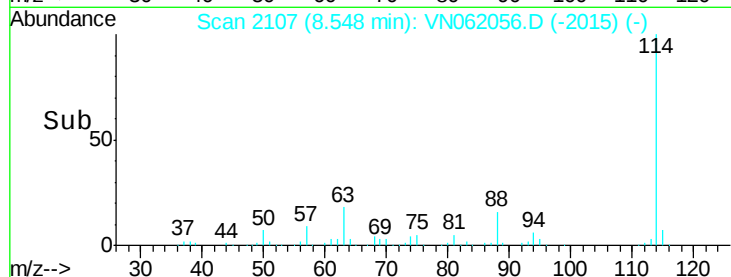
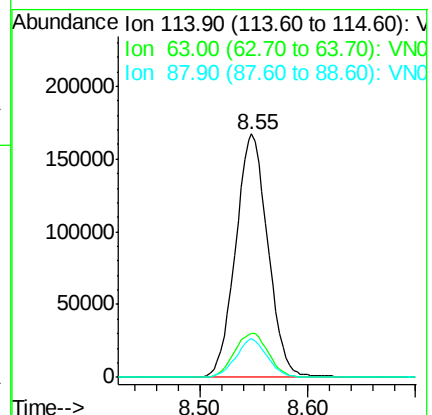
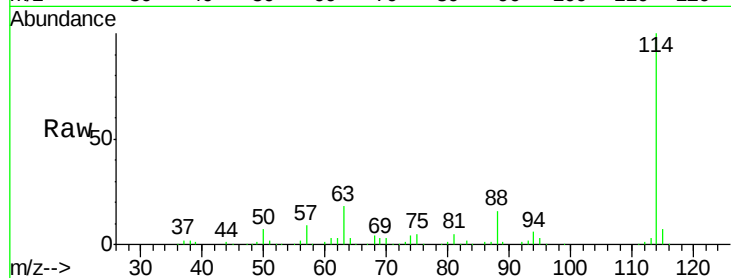
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	18.1	0.0	39.2
88	15.7	0.0	30.8

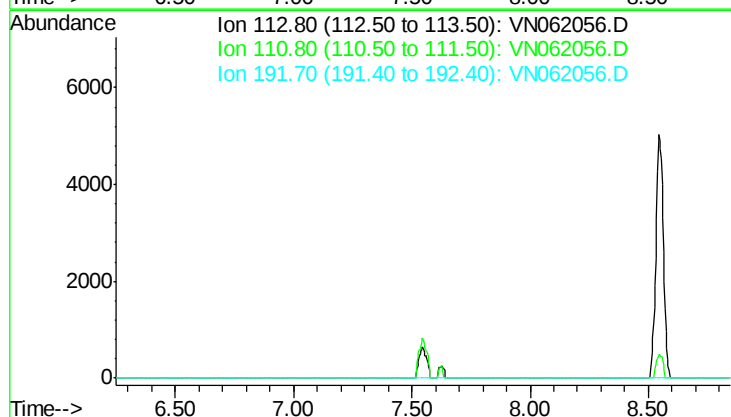
Manual Integrations
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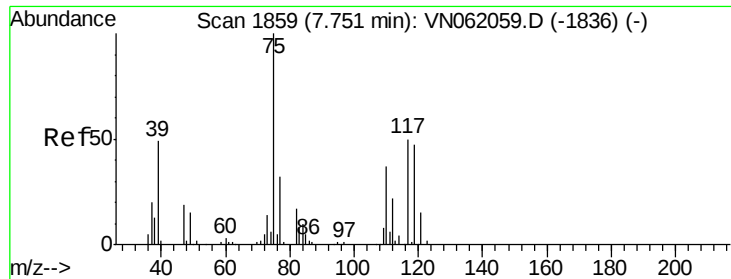
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#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion	Exp Ratio
113	100
111	102.8
192	17.5





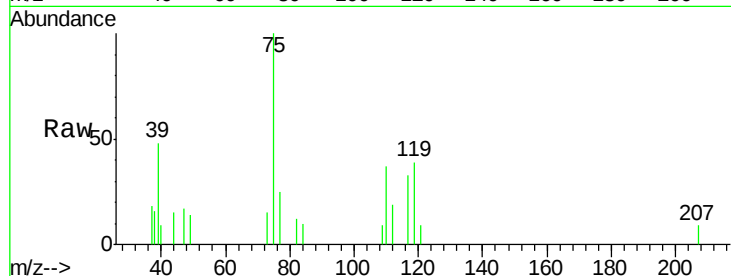
#36
 1,1-Dichloropropene
 Concen: 1.270 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

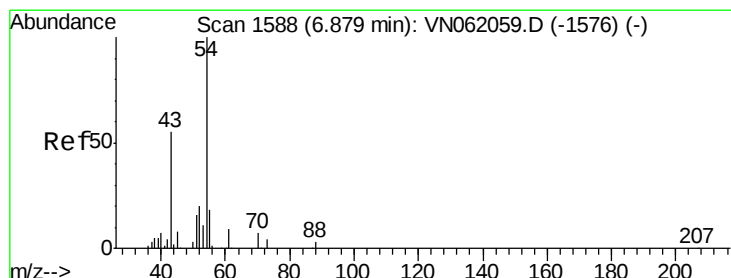
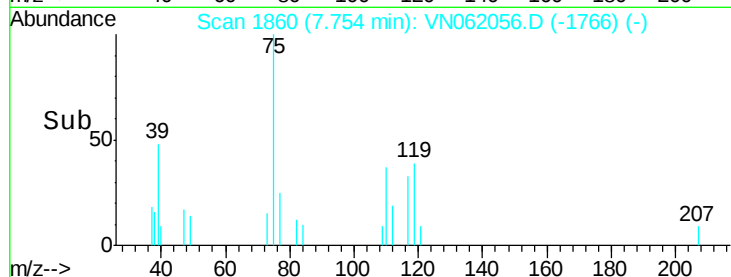
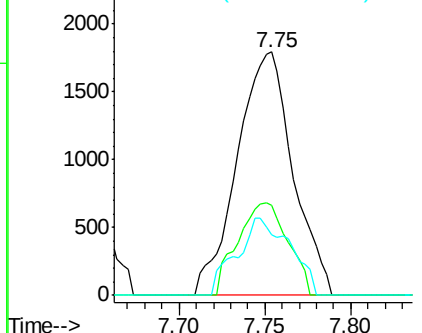
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.1	17.9	53.8
77	30.4	24.9	37.3

Manual Integrations
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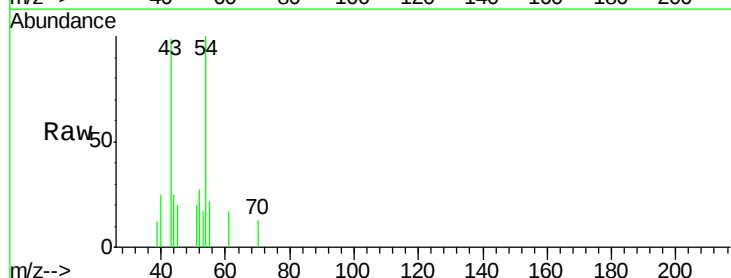


Abundance Ion 74.90 (74.60 to 75.60): VN062059.D (-1836) (-)
 Ion 109.90 (109.60 to 110.60): VN062059.D (-1836) (-)
 Ion 76.90 (76.60 to 77.60): VN062059.D (-1836) (-)

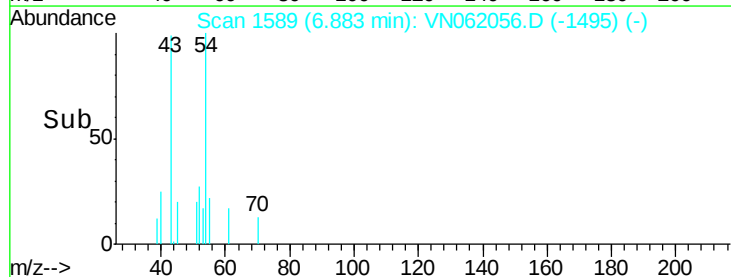
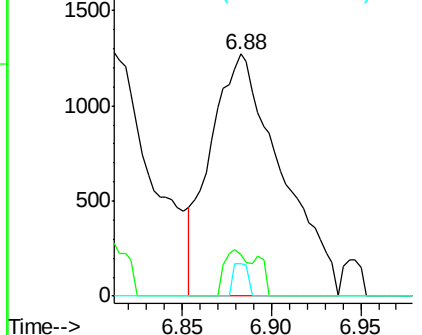


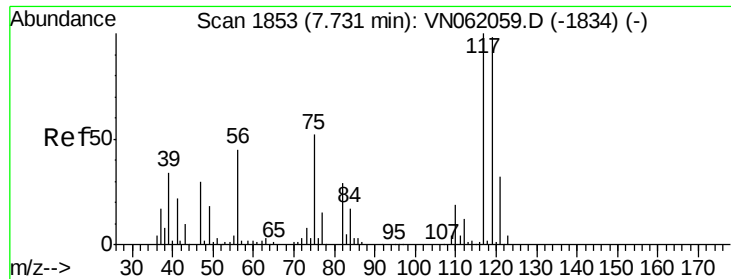
#37
 Ethyl Acetate
 Concen: 1.388 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	8.8	12.0	18.0#
70	2.7	9.6	14.4#



Abundance Ion 43.00 (42.70 to 43.70): VN062059.D (-1576) (-)
 Ion 60.90 (60.60 to 61.60): VN062059.D (-1576) (-)
 Ion 70.00 (69.70 to 70.70): VN062059.D (-1576) (-)





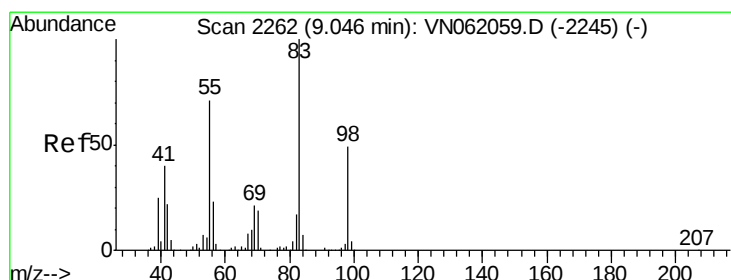
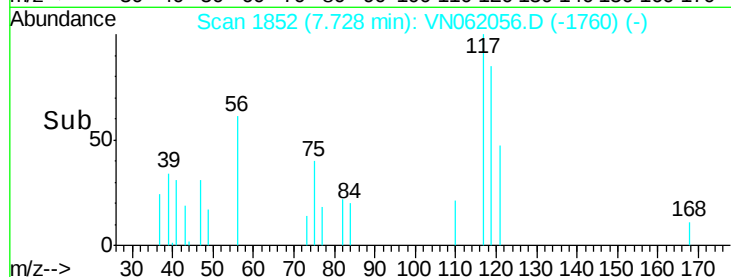
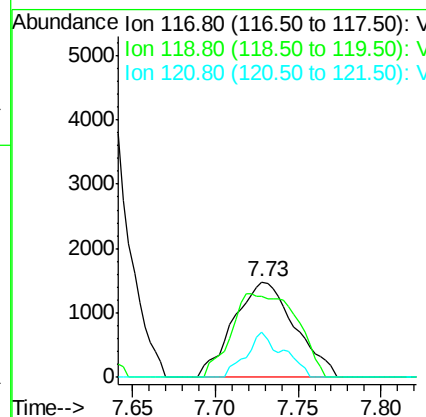
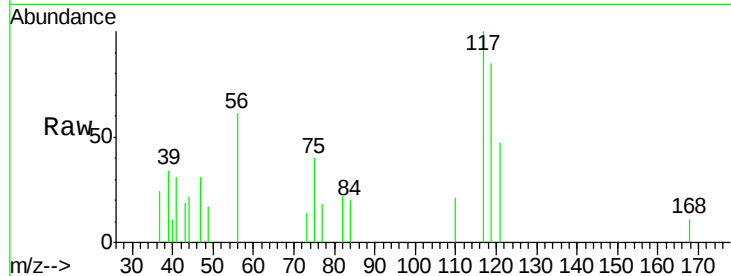
#38
Carbon Tetrachloride
Concen: 1.207 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	84.9	78.2	117.2
121	47.0	25.8	38.6

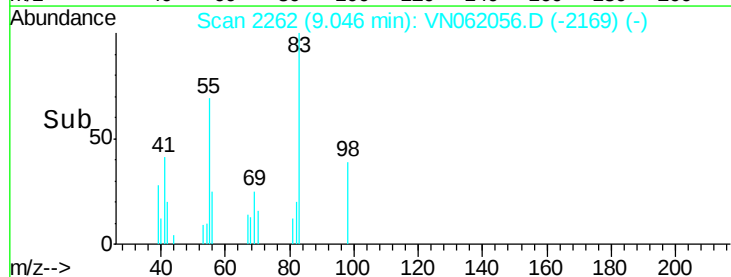
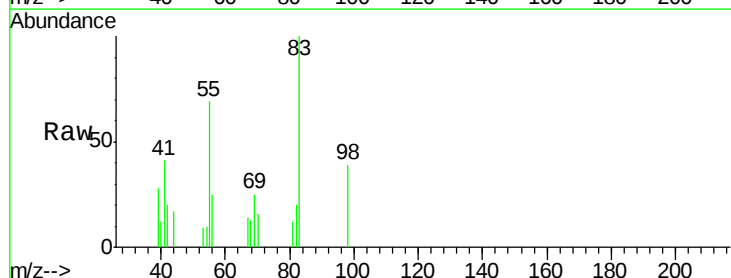
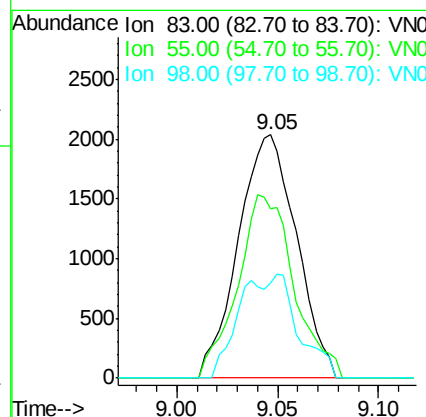
Manual Integrations
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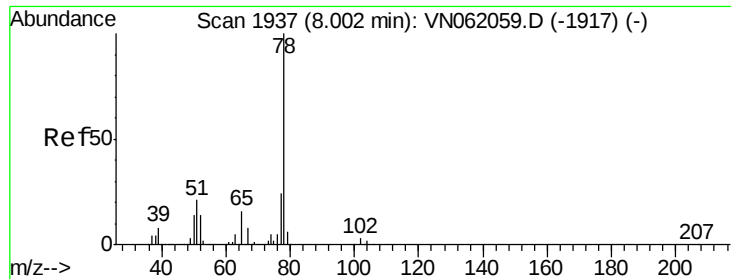
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#39
Methylcyclohexane
Concen: 1.192 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
83	100		
55	69.4	57.0	85.6
98	39.2	39.0	58.6





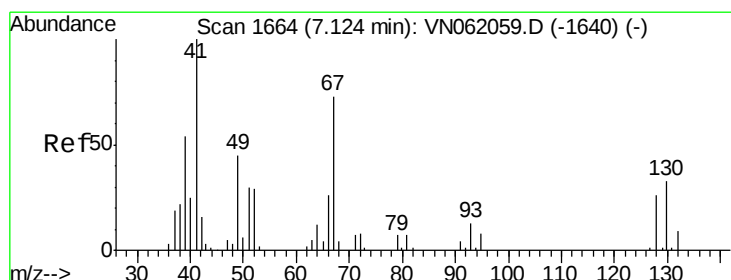
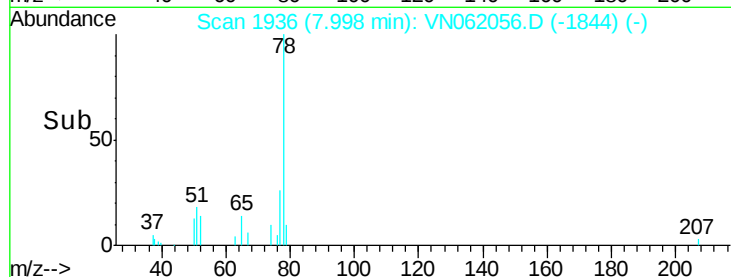
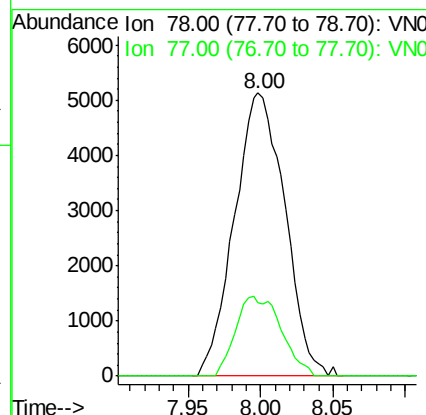
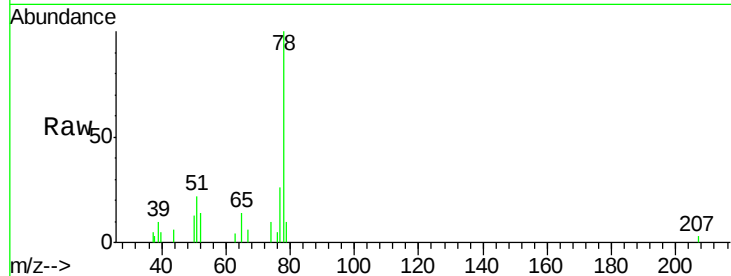
#40
Benzene
Concen: 1.276 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 12383
Ion Ratio Lower Upper
78 100
77 26.0 19.5 29.3

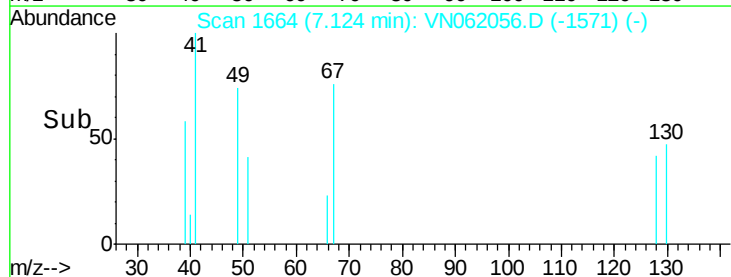
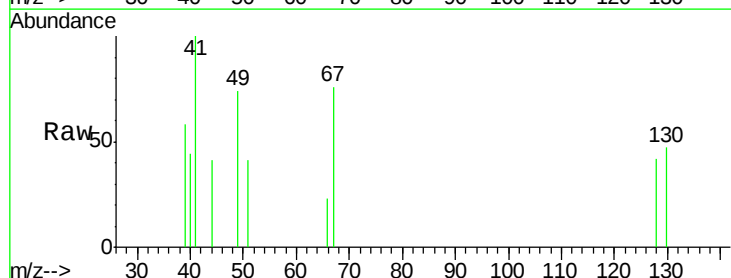
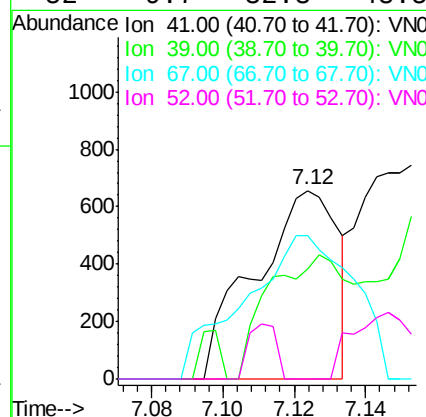
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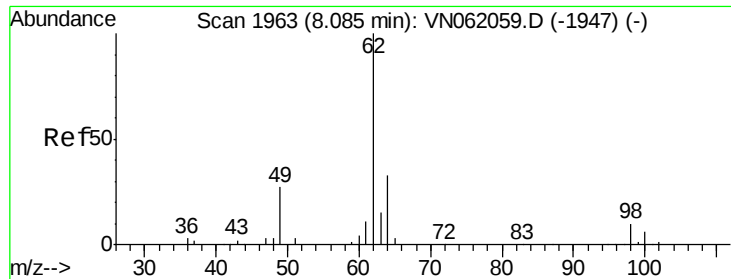
MMDadoda
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#41
Methacrylonitrile
Concen: 0.962 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion: 41 Resp: 1059
Ion Ratio Lower Upper
41 100
39 62.9 44.2 66.2
67 99.8 79.5 119.3
52 9.7 32.3 48.5#





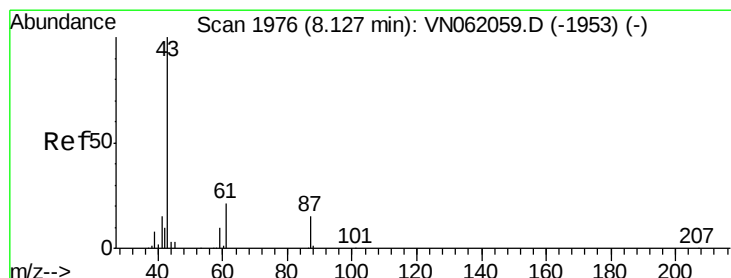
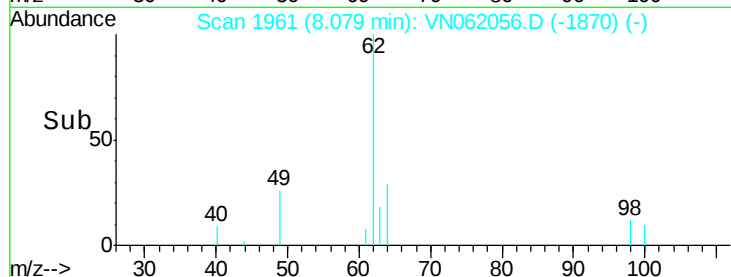
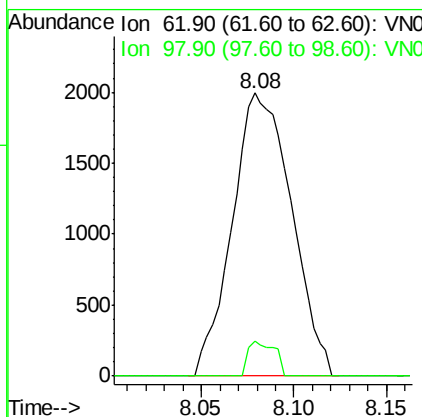
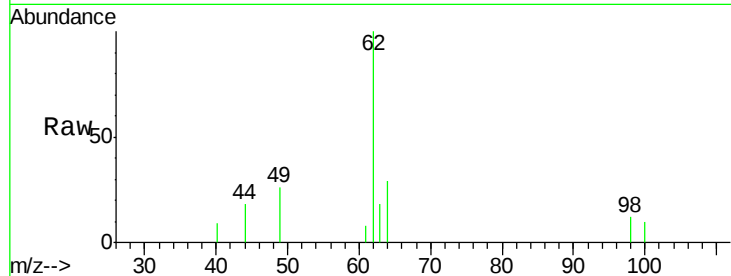
#42
 1,2-Dichloroethane
 Concen: 1.341 ug/l
 RT: 8.08 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	5.5	0.0	19.8

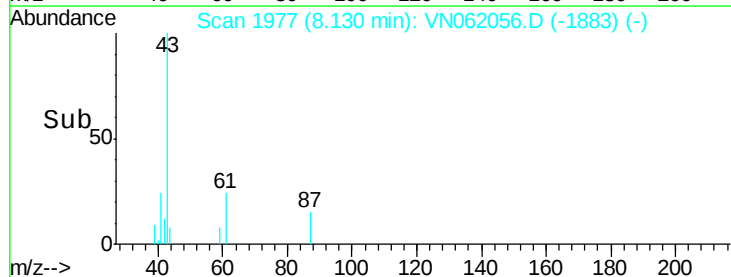
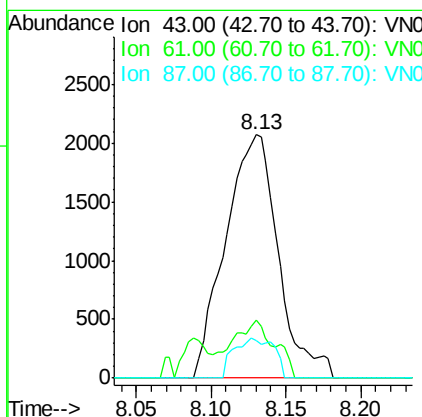
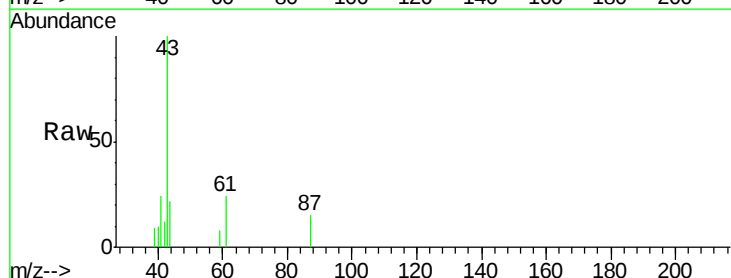
Manual Integrations
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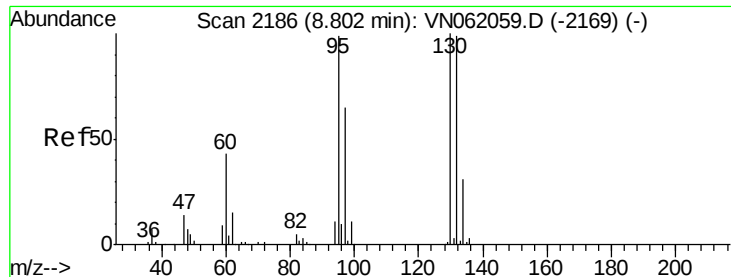
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#43
 Isopropyl Acetate
 Concen: 1.203 ug/l
 RT: 8.13 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.8	17.2	25.8
87	12.4	12.1	18.1





#44

Trichloroethene

Concen: 1.347 ug/l

RT: 8.80 min Scan# 2184

Delta R.T. -0.01 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3408

Ion Ratio Lower Upper

130 100

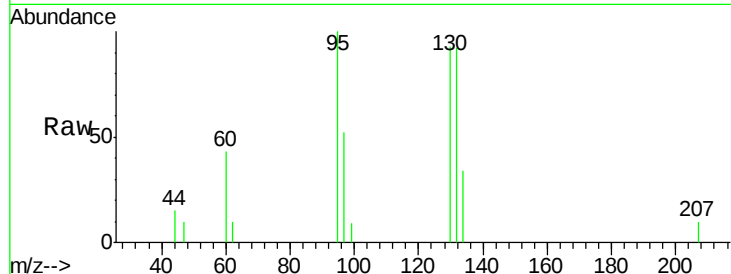
95 107.6 0.0 197.8

Manual Integrations

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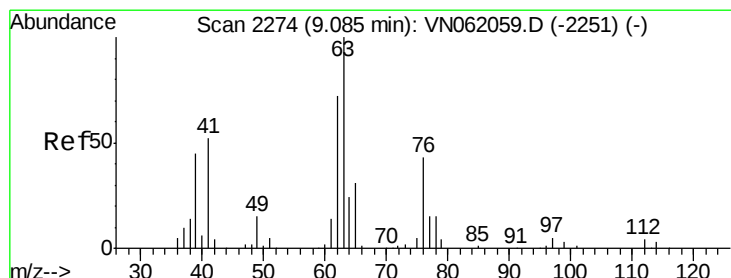
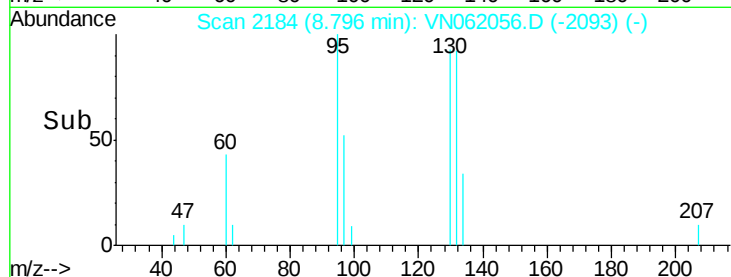
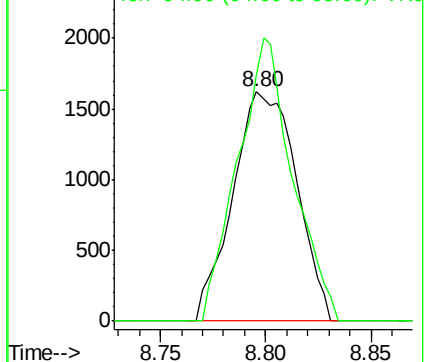
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 1.238 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062056.D

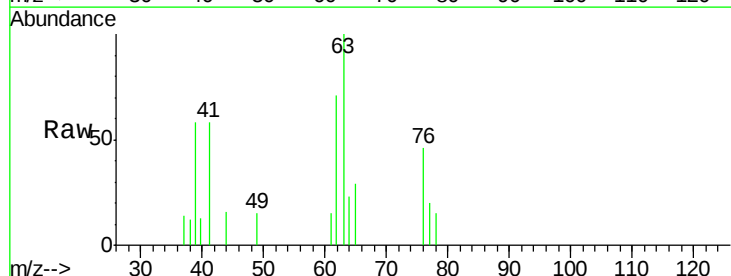
Acq: 24 Jun 2020 9:42

Tgt Ion: 63 Resp: 2948

Ion Ratio Lower Upper

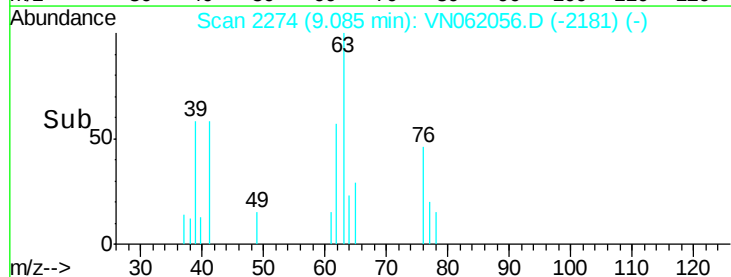
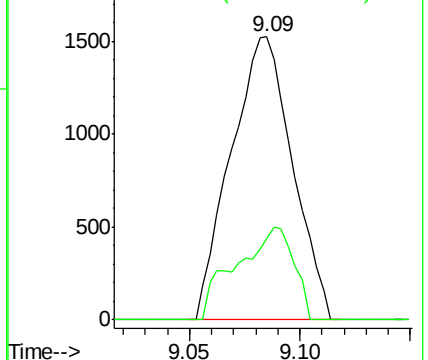
63 100

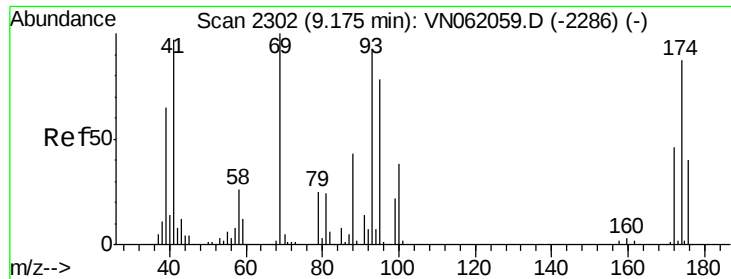
65 28.7 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





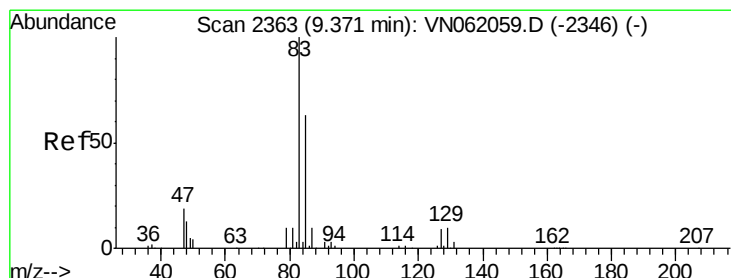
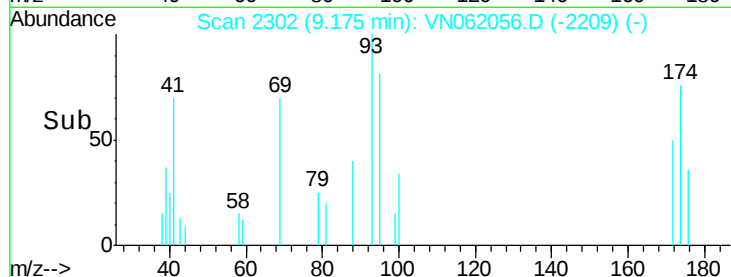
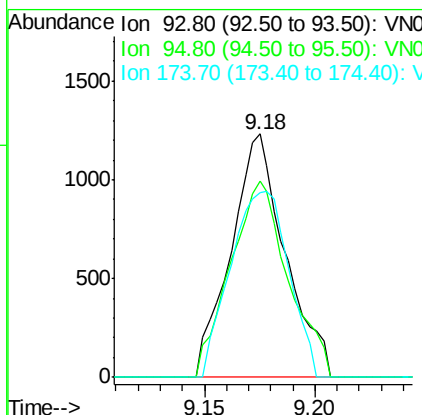
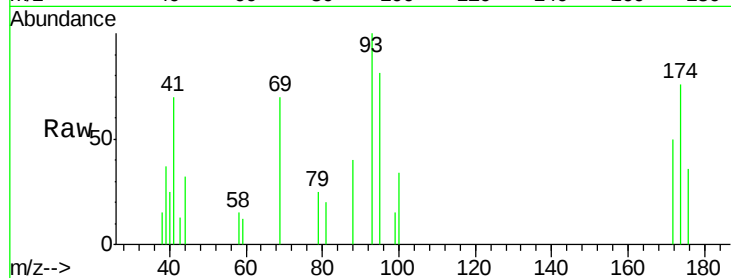
#46
Dibromomethane
Concen: 1.263 ug/l
RT: 9.18 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 2106
Ion Ratio Lower Upper
93 100
95 85.9 67.0 100.6
174 82.1 74.4 111.6

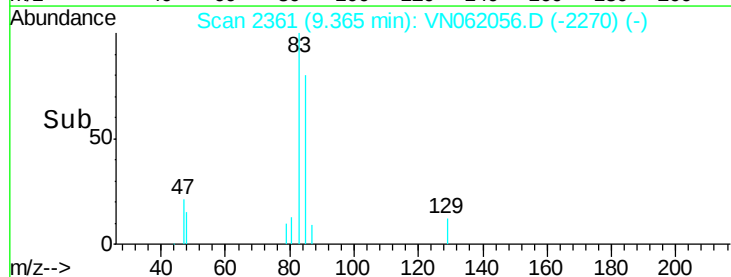
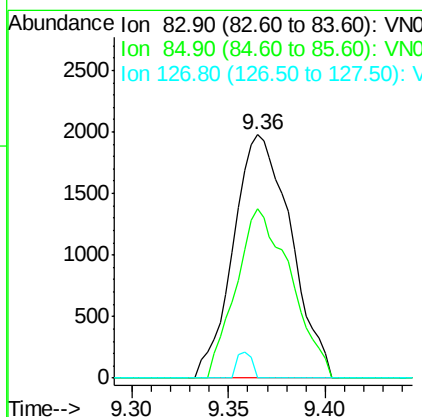
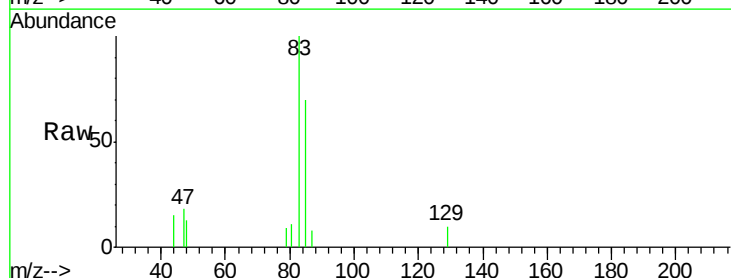
Manual Integrations
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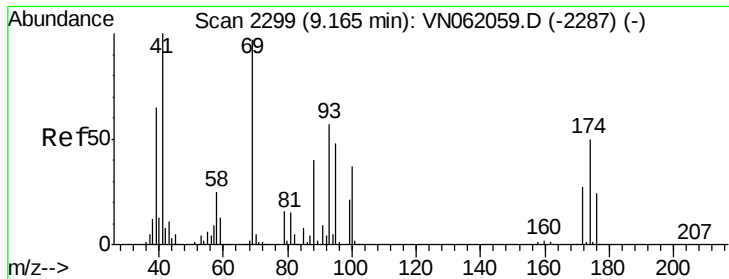
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#47
Bromodichloromethane
Concen: 1.191 ug/l
RT: 9.36 min Scan# 2361
Delta R.T. -0.01 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion: 83 Resp: 4078
Ion Ratio Lower Upper
83 100
85 69.5 50.3 75.5
127 0.0 6.9 10.3#





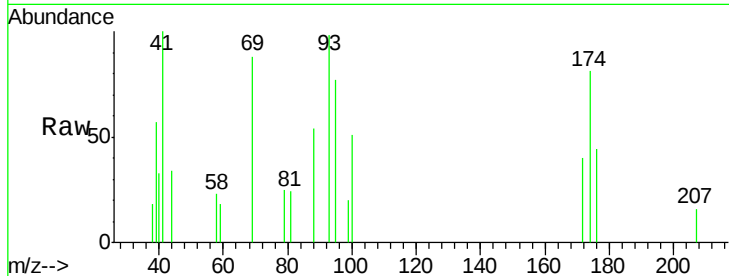
#48
Methvl methacrylate
Concen: 1.027 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

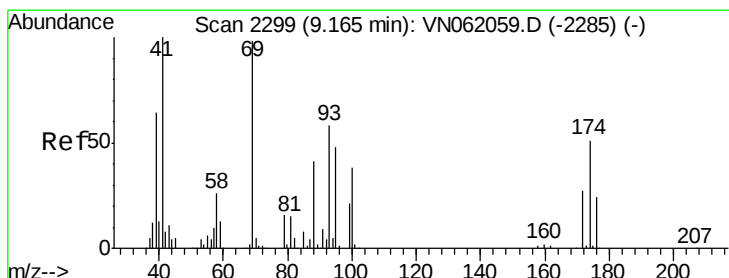
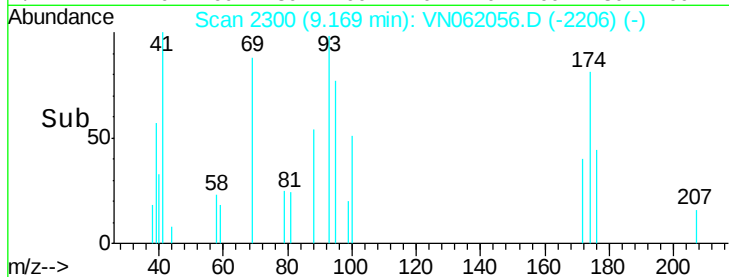
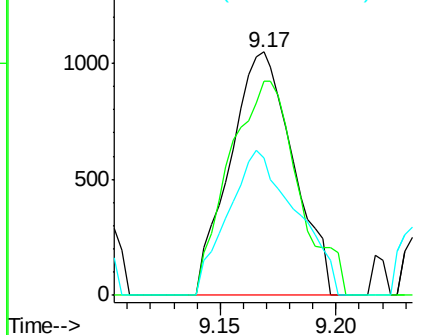
Tot Ion	Ratio	Lower	Upper
41	100		
69	96.1	80.7	121.1
39	64.5	54.5	81.7

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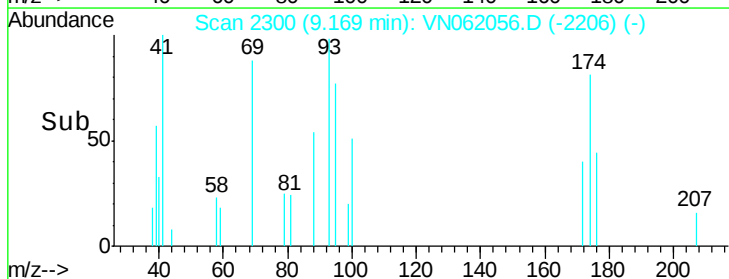
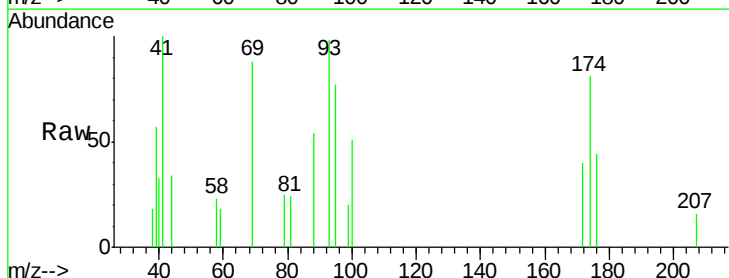
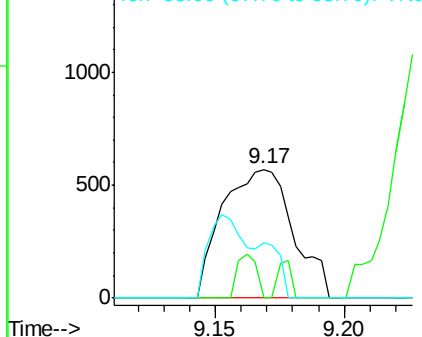
Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

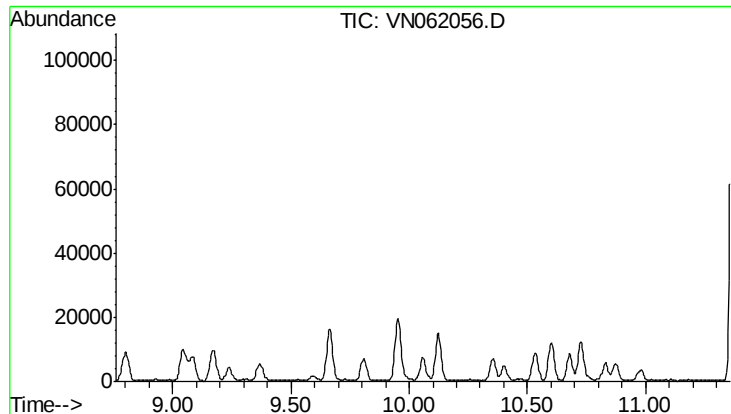


#49
1,4-Dioxane
Concen: 24.543 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	22.0	33.0#
58	34.8	49.2	73.8#

Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





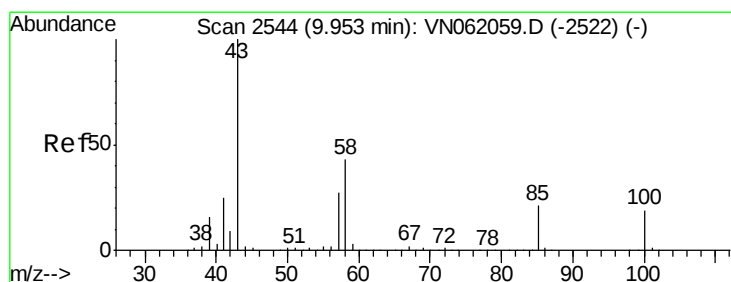
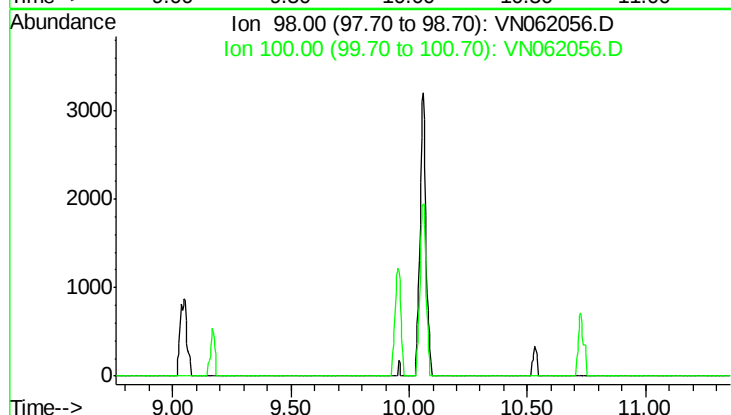
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Manual Integrations
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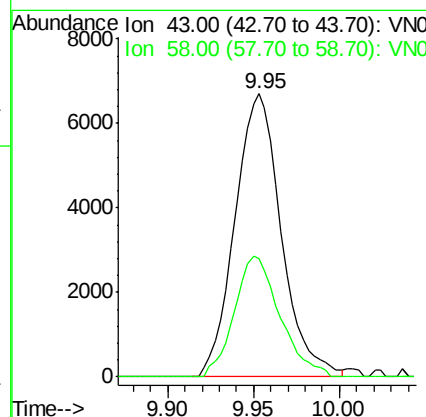
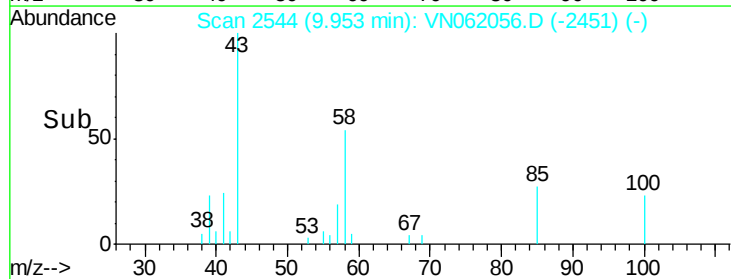
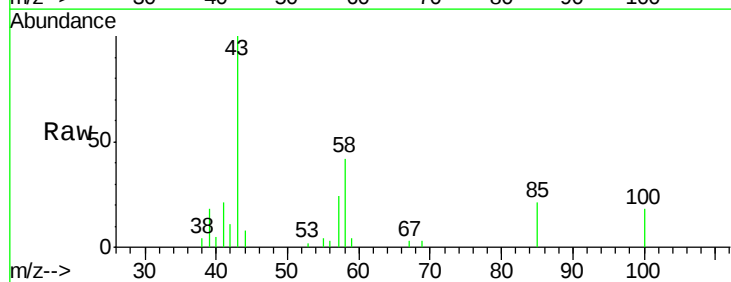
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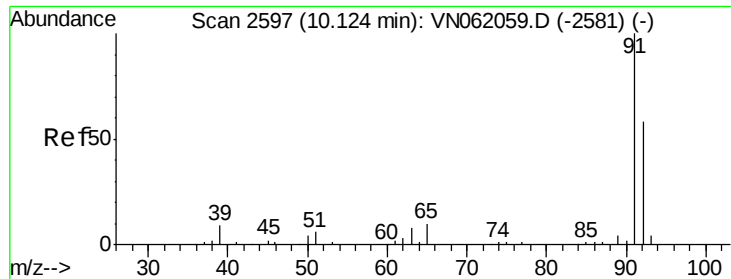
Tot Ion: 98
Sig Exp Ratio
98 100
100 64.0



#51
4-Methyl-2-Pentanone
Concen: 4.986 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion: 43 Resp: 12537
Ion Ratio Lower Upper
43 100
58 42.1 34.2 51.2





#52

Toluene

Concen: 1.149 ug/l

RT: 10.12 min Scan# 2596

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 6982

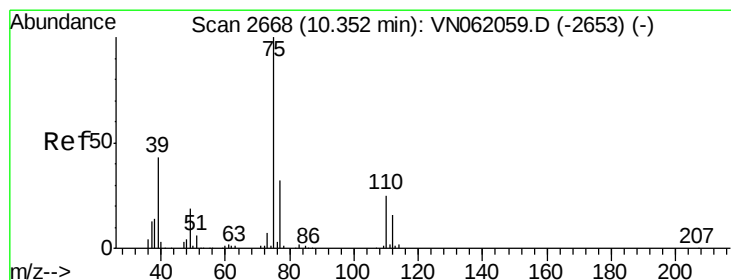
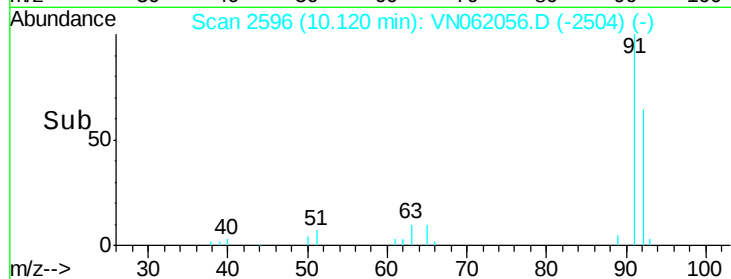
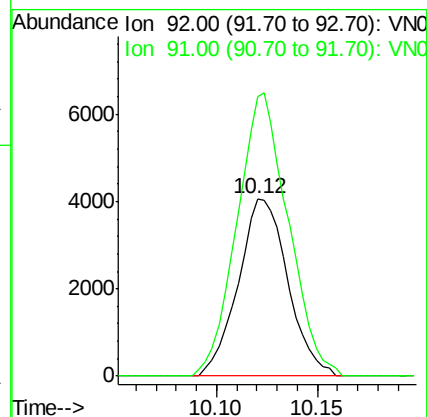
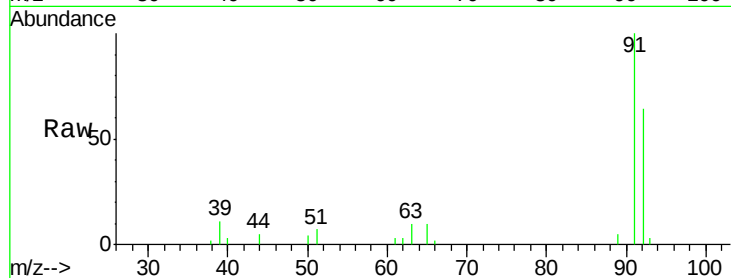
Ion Ratio Lower Upper

92 100

91 164.3 137.4 206.0

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#53

t-1,3-Dichloropropene

Concen: 1.144 ug/l

RT: 10.36 min Scan# 2669

Delta R.T. 0.00 min

Lab File: VN062056.D

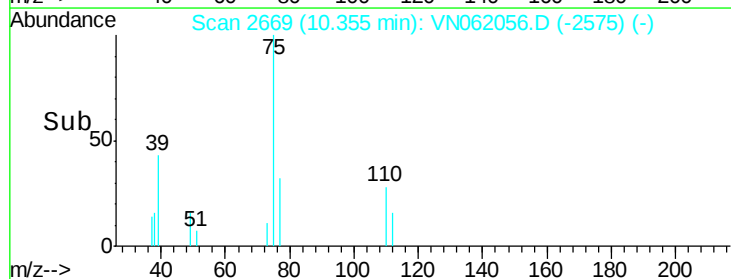
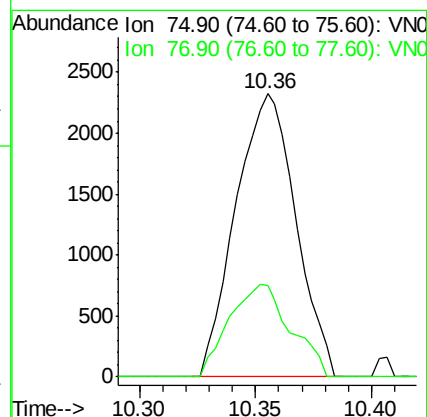
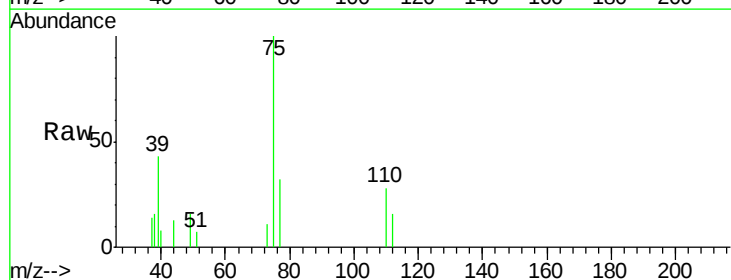
Acq: 24 Jun 2020 9:42

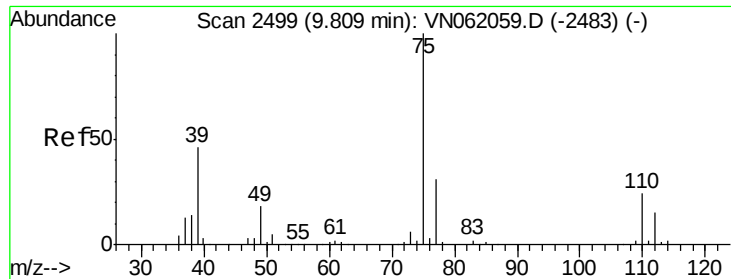
Tgt Ion: 75 Resp: 4183

Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3





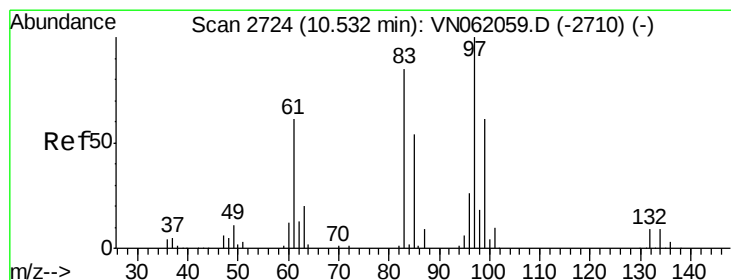
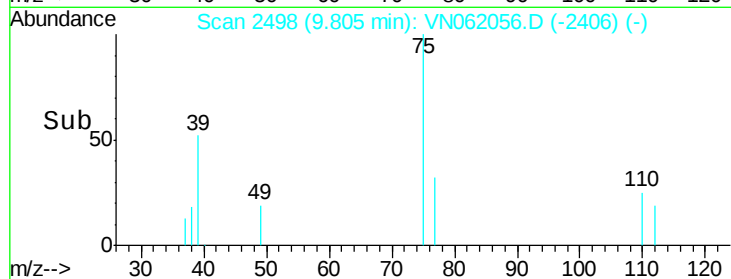
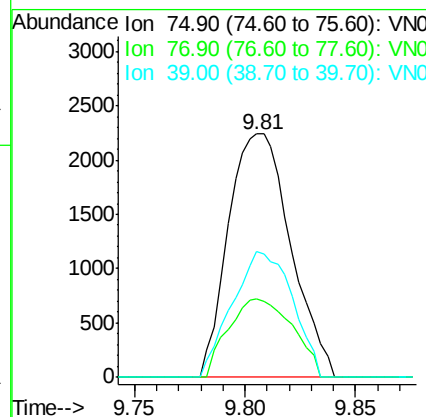
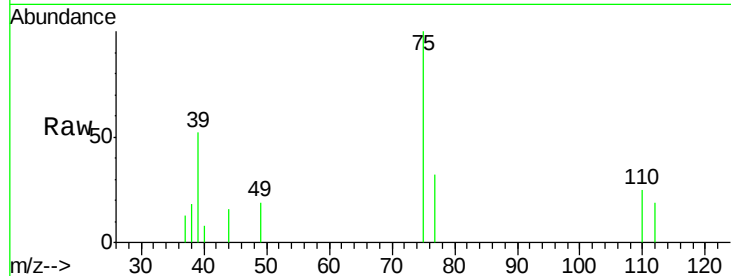
#54
 cis-1,3-Dichloropropene
 Concen: 1.106 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.0	37.6
39	51.8	36.9	55.3

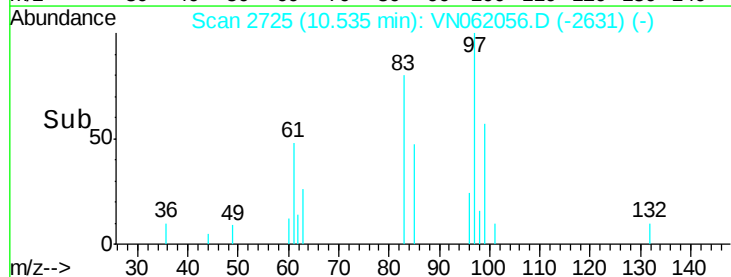
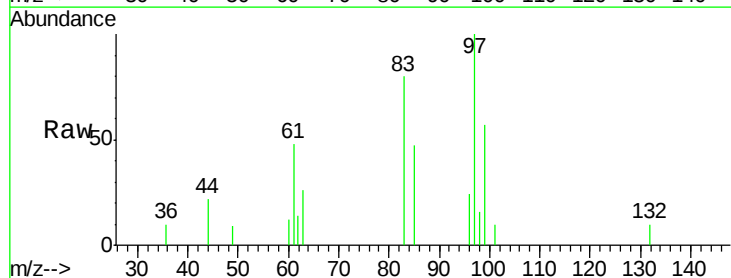
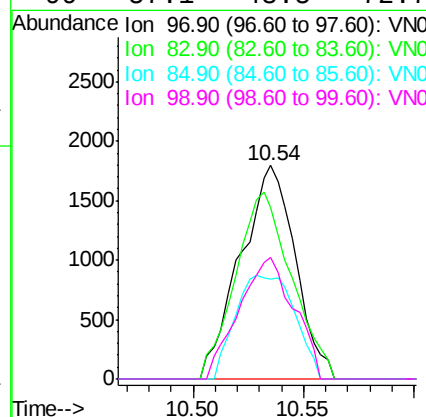
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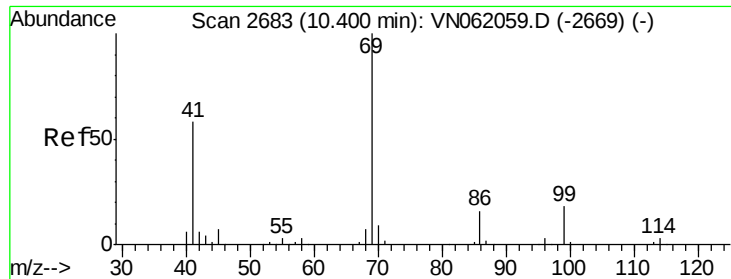
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#55
 1,1,2-Trichloroethane
 Concen: 1.290 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.5	68.2	102.2
85	46.9	43.2	64.8
99	57.1	48.5	72.7





#56

Ethyl methacrylate

Concen: 0.910 ug/l

RT: 10.40 min Scan# 2682

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

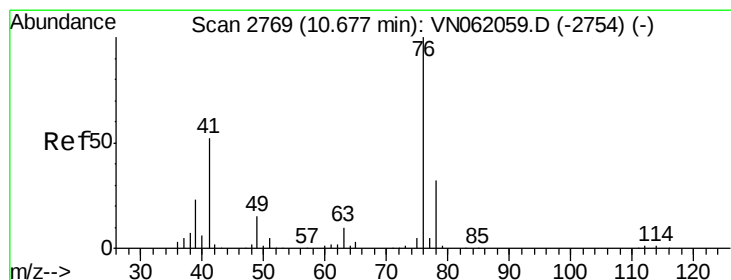
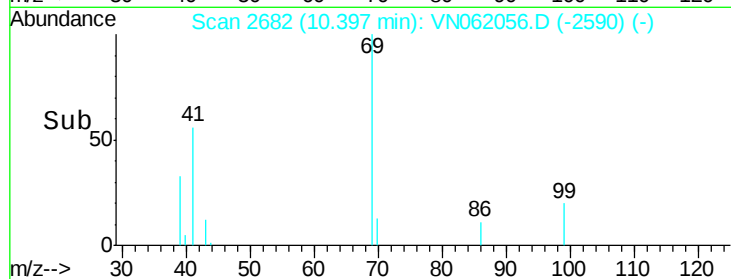
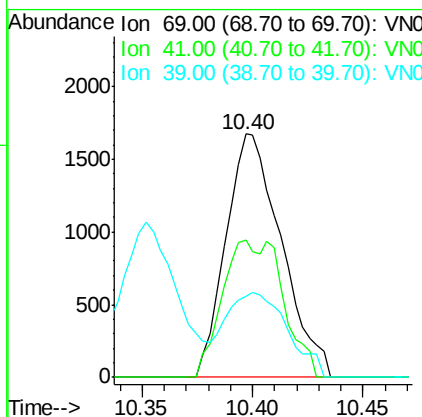
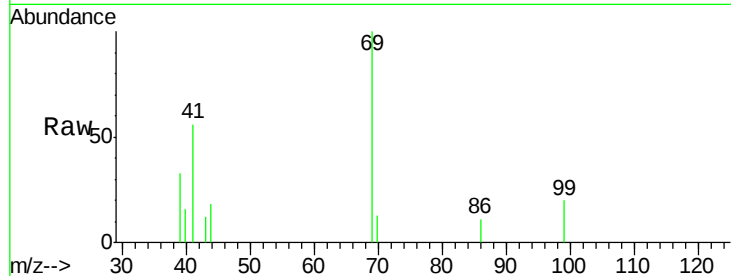
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	2917
Ion	Ratio	Lower	Upper
69	100		
41	61.6	46.6	70.0
39	38.9	31.0	46.4

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.208 ug/l

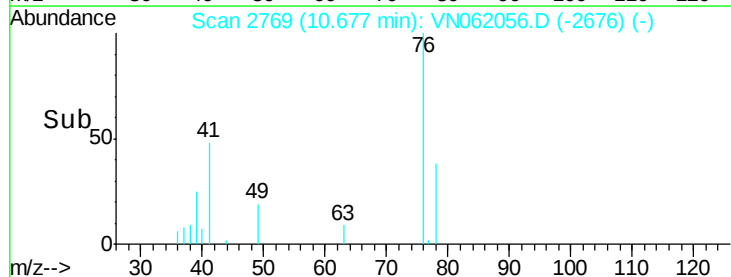
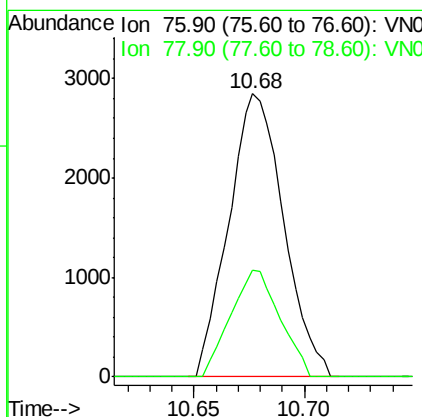
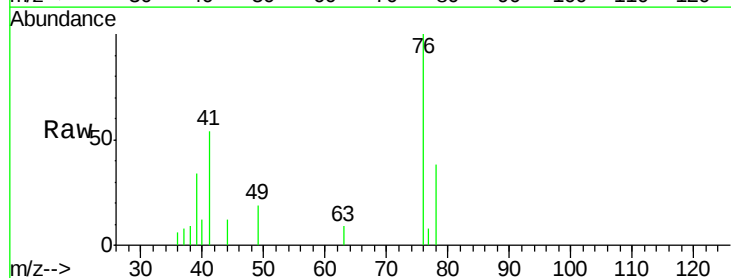
RT: 10.68 min Scan# 2769

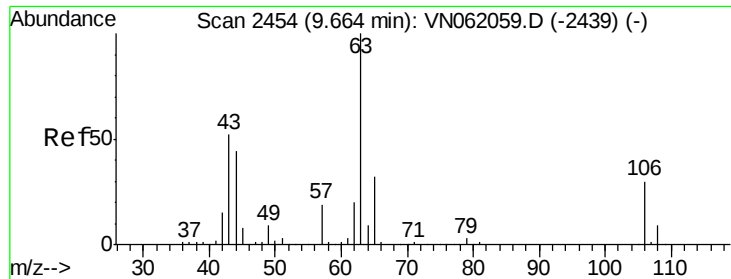
Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Tgt Ion:	76	Resp:	4905
Ion	Ratio	Lower	Upper
76	100		
78	33.8	25.8	38.8





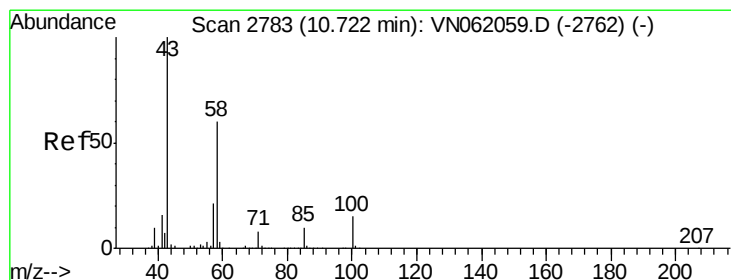
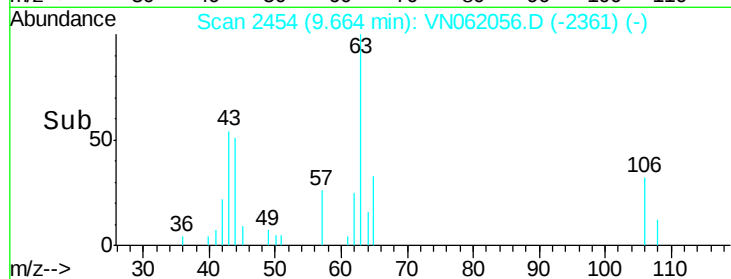
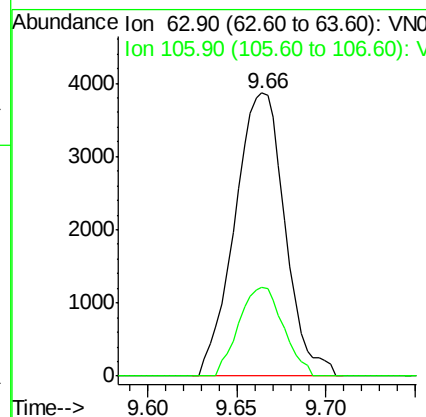
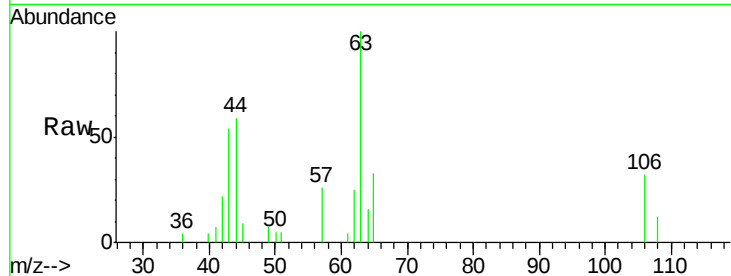
#58
2-Chloroethyl Vinyl ether
Concen: 6.012 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 7589
Ion Ratio Lower Upper
63 100
106 27.8 23.2 34.8

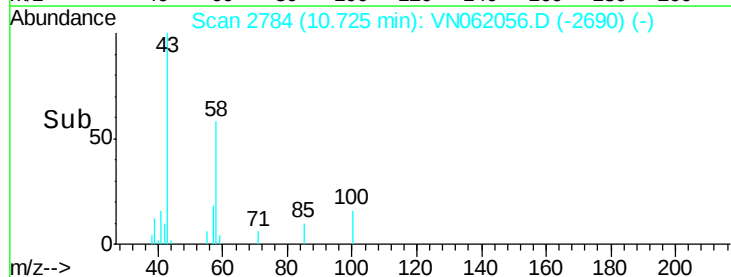
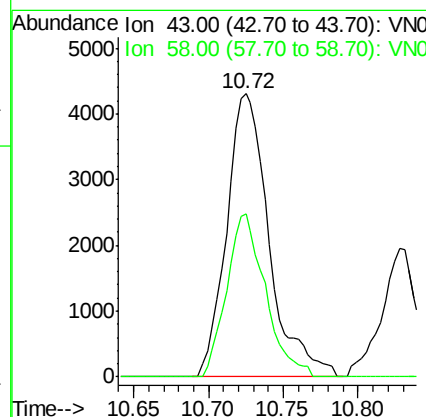
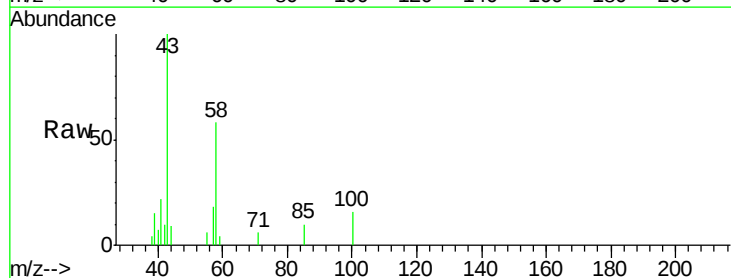
Manual Integrations
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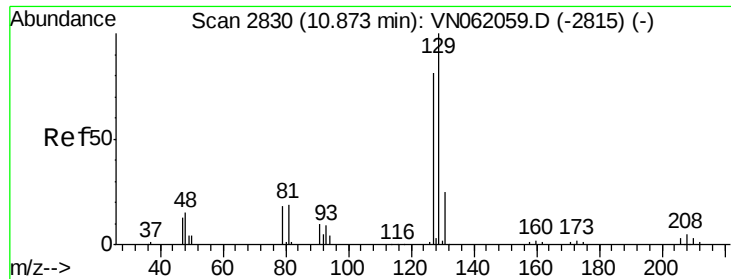
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#59
2-Hexanone
Concen: 4.703 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion: 43 Resp: 8496
Ion Ratio Lower Upper
43 100
58 52.4 29.5 88.5





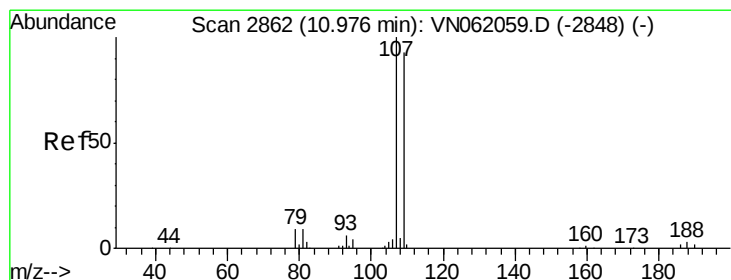
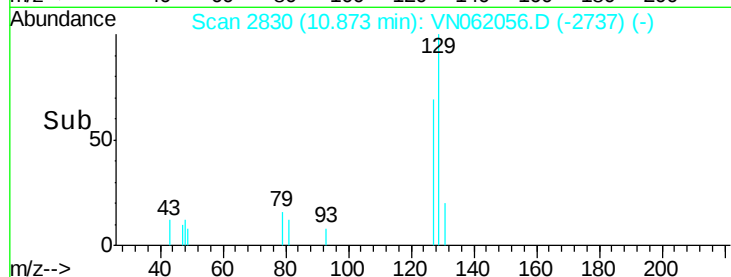
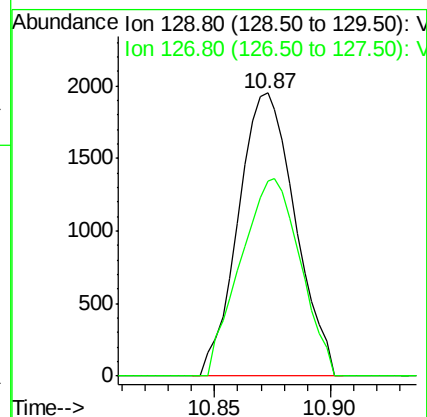
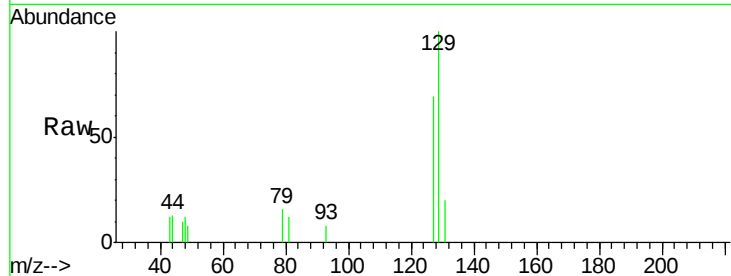
#60
 Dibromochloromethane
 Concen: 1.258 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:129 Resp: 3330
 Ion Ratio Lower Upper
 129 100
 127 73.3 39.5 118.5

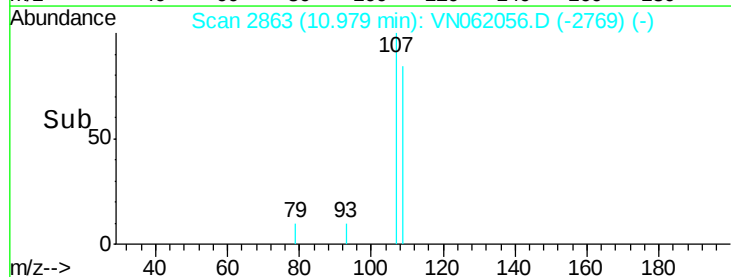
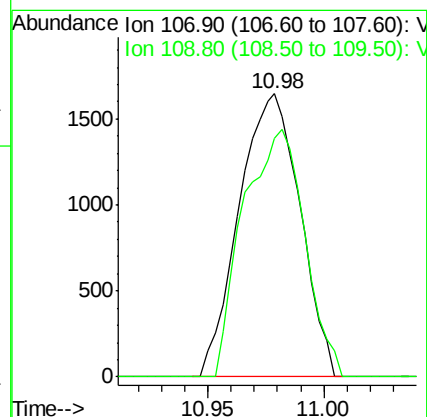
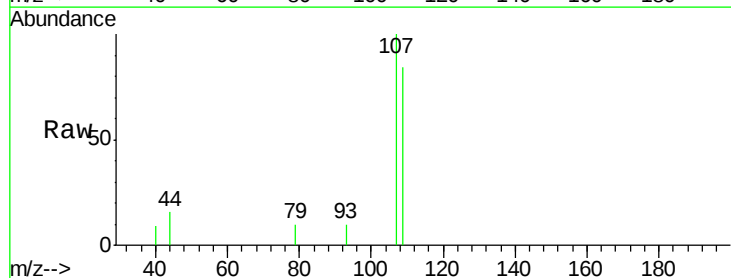
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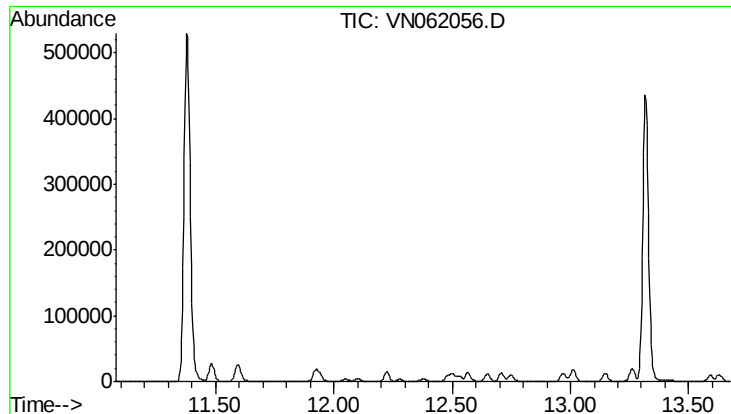
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#61
 1,2-Dibromoethane
 Concen: 1.205 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion:107 Resp: 3002
 Ion Ratio Lower Upper
 107 100
 109 87.8 75.0 112.6





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.38 min

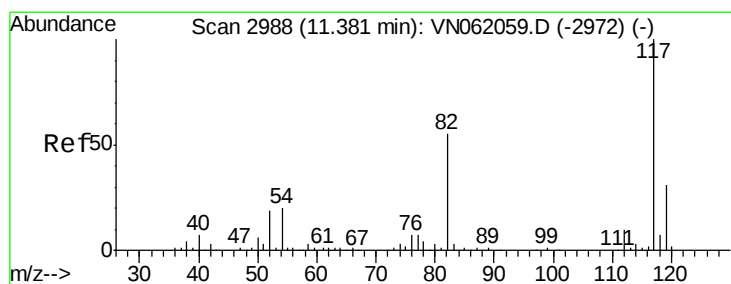
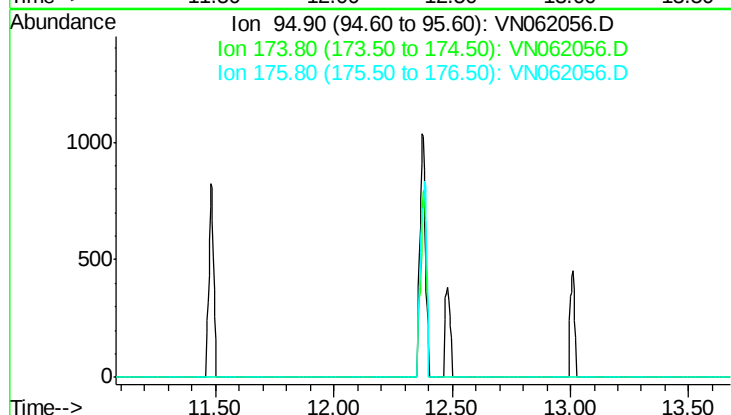
Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 95
 Sig Exp Ratio
 95 100
 174 77.4
 176 73.7

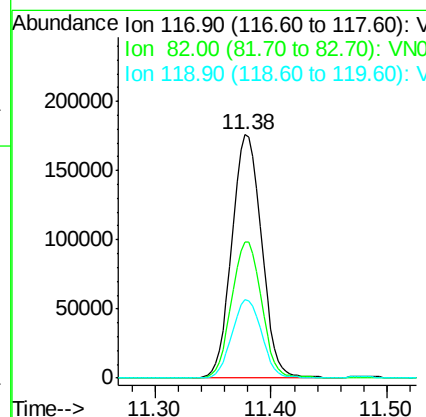
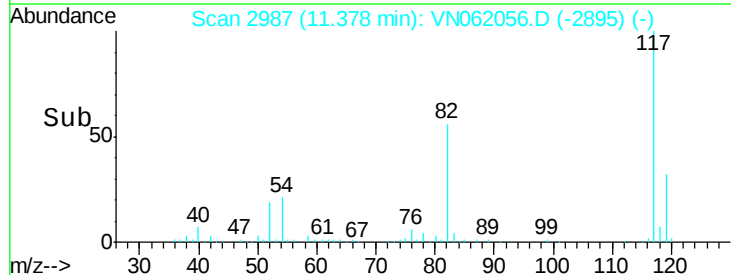
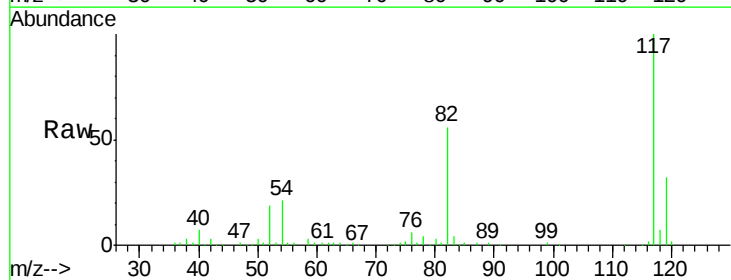
Manual Integrations
 APPROVED

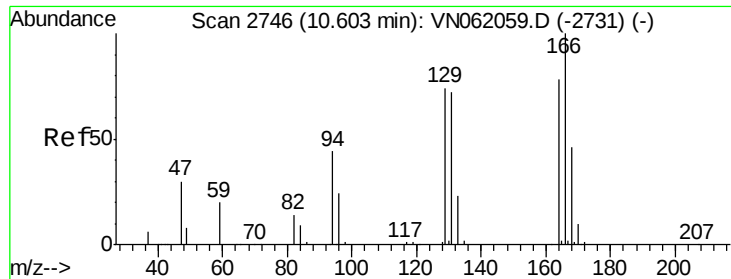
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2987
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion: 117 Resp: 313165
 Ion Ratio Lower Upper
 117 100
 82 56.1 43.8 65.8
 119 32.1 25.2 37.8





#64

Tetrachloroethene

Concen: 1.350 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 2686

Ion Ratio Lower Upper

164 100

166 125.1 102.9 154.3

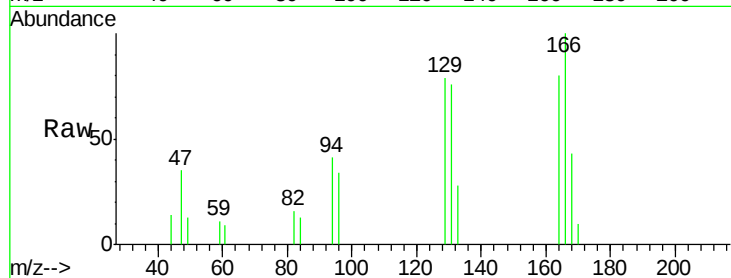
129 98.9 75.8 113.8

131 94.5 73.8 110.6

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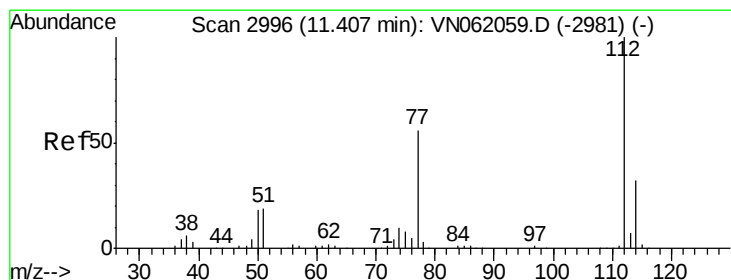
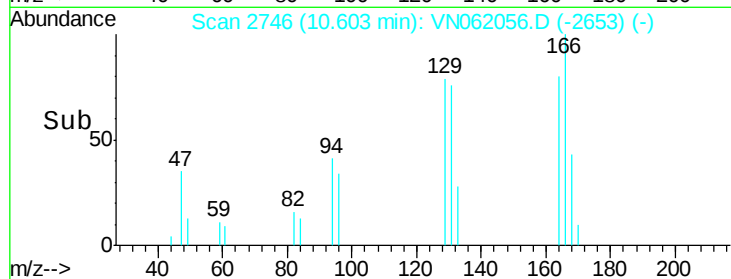
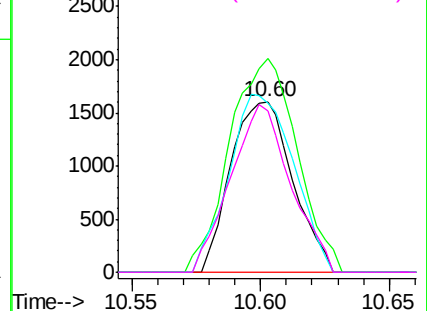


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.256 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062056.D

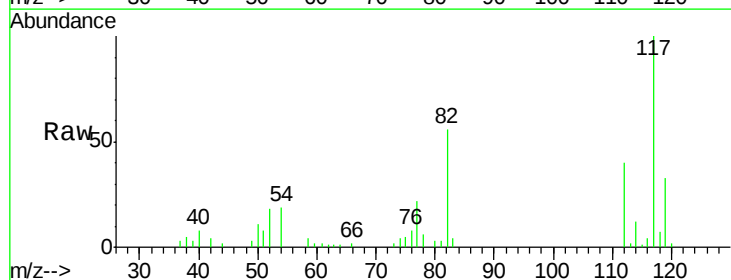
Acq: 24 Jun 2020 9:42

Tgt Ion:112 Resp: 8301

Ion Ratio Lower Upper

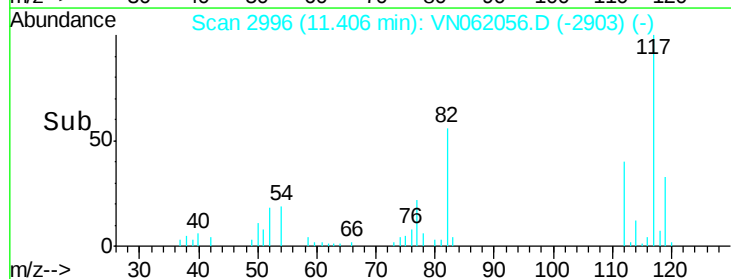
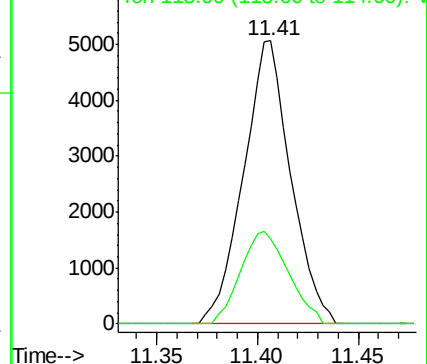
112 100

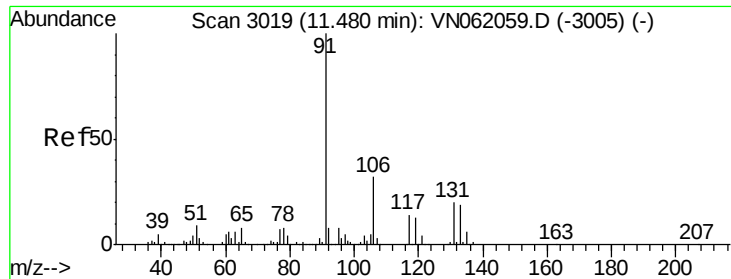
114 30.1 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





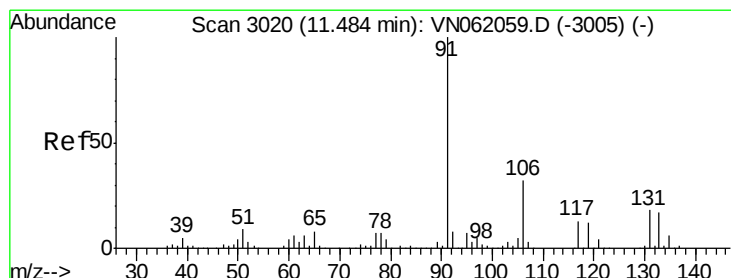
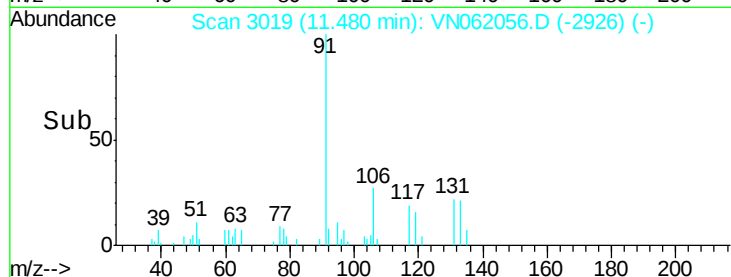
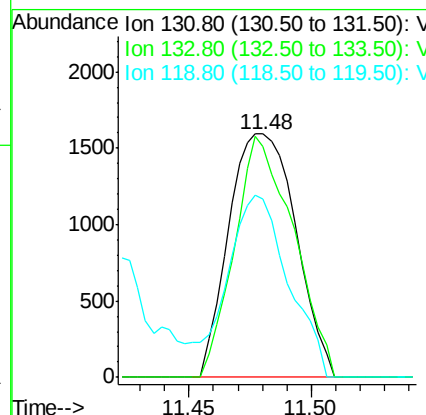
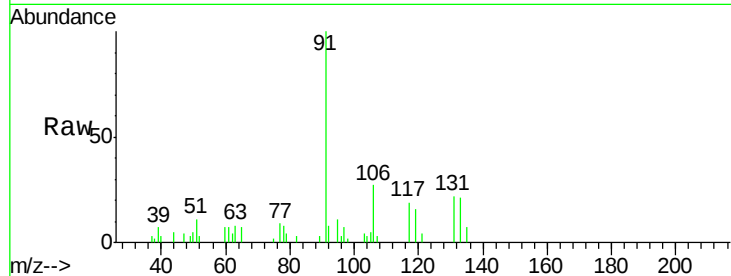
#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.324 ug/l
 RT: 11.48 min Scan# 3019
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	86.9	47.6	142.9
119	0.0	34.4	103.3#

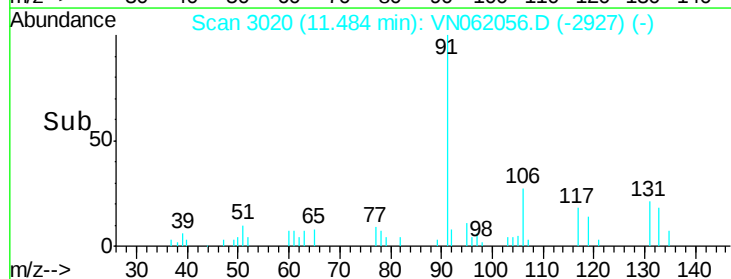
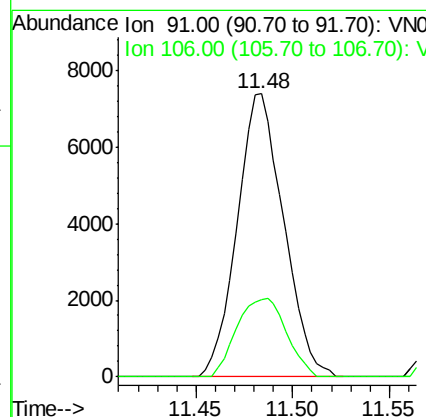
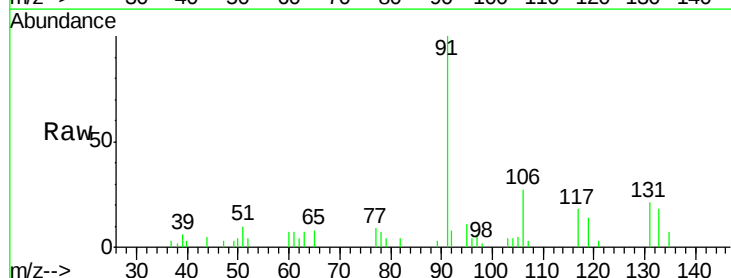
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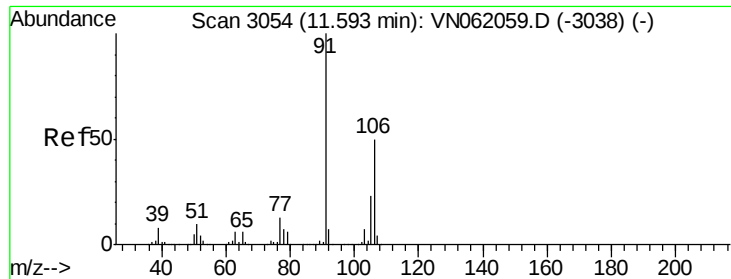
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#67
 Ethyl Benzene
 Concen: 1.110 ug/l
 RT: 11.48 min Scan# 3020
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
91	100		
106	27.1	25.3	37.9





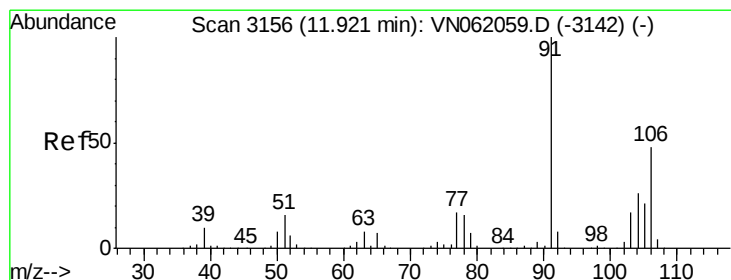
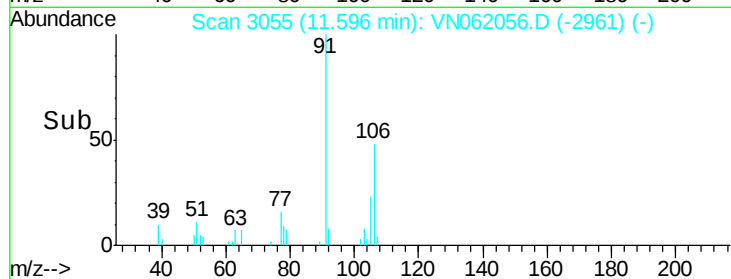
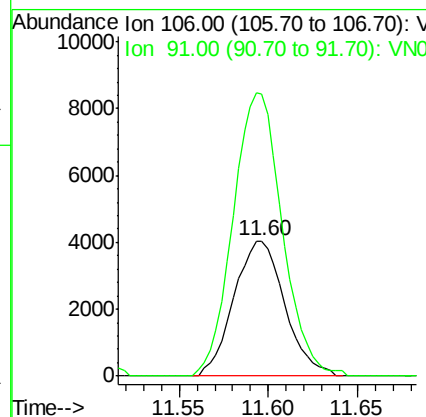
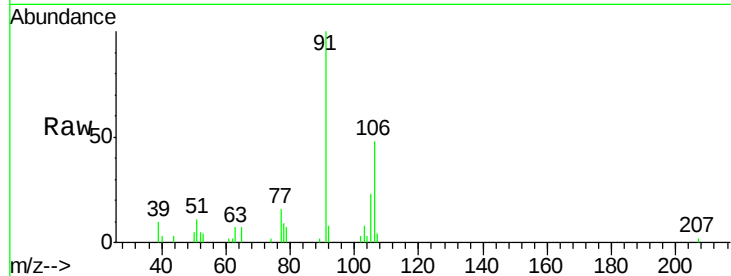
#68
m/p-Xylenes
Concen: 1.876 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 8032
Ion Ratio Lower Upper
106 100
91 201.8 157.8 236.8

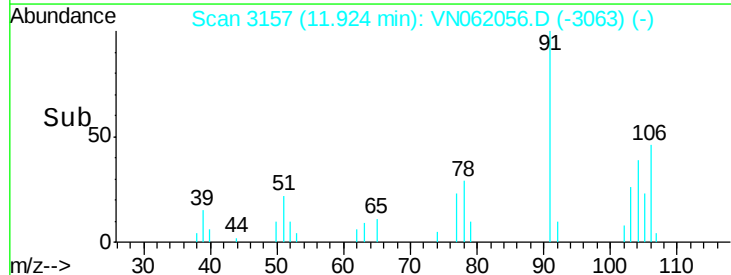
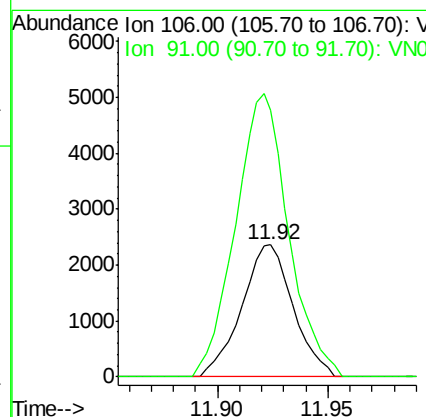
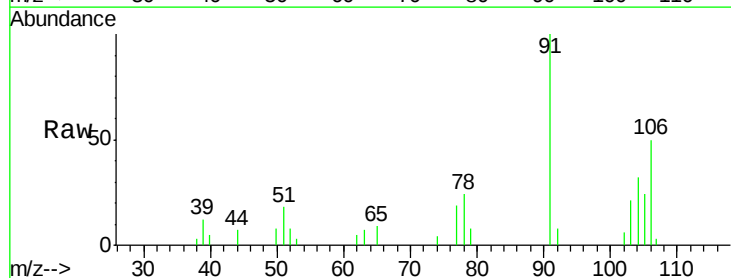
Manual Integrations
APPROVED

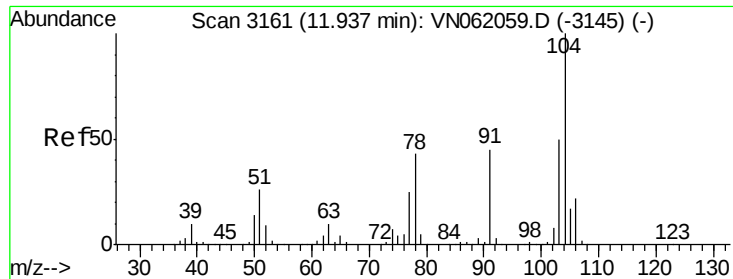
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#69
o-Xylene
Concen: 0.941 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion:106 Resp: 3836
Ion Ratio Lower Upper
106 100
91 220.3 104.0 311.9





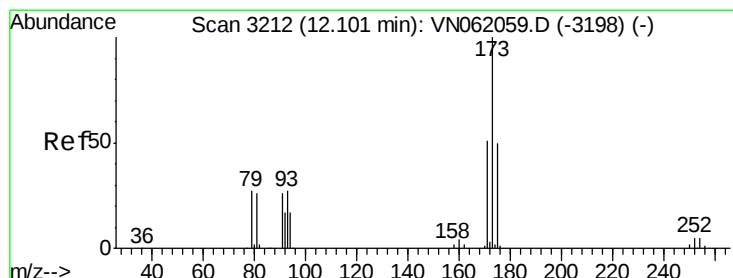
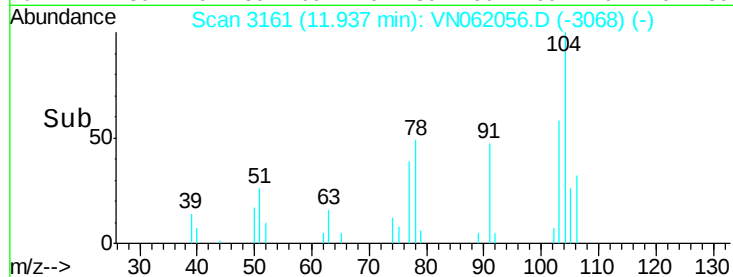
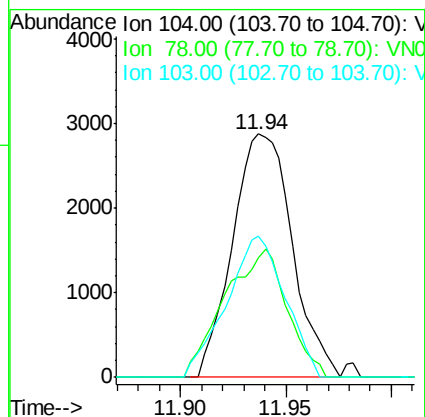
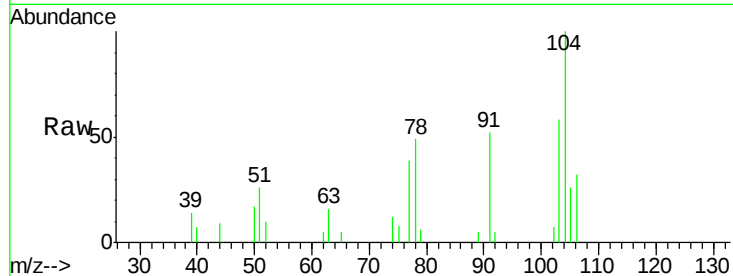
#70
Stvrene
Concen: 0.829 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.2	37.7	56.5
103	56.8	43.0	64.6

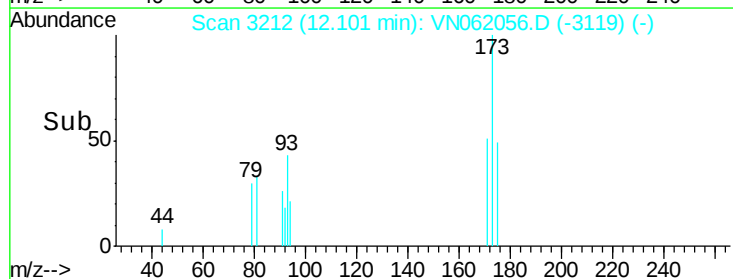
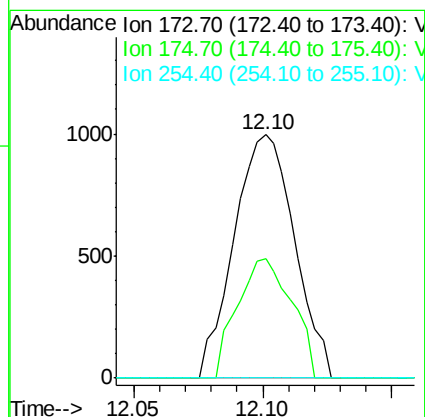
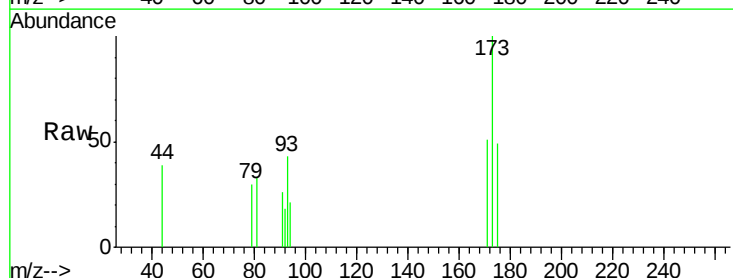
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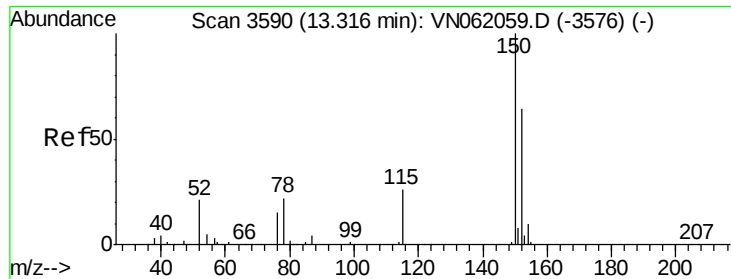
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#71
Bromoform
Concen: 0.976 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
173	100		
175	44.4	24.7	74.1
254	0.0	0.0	0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

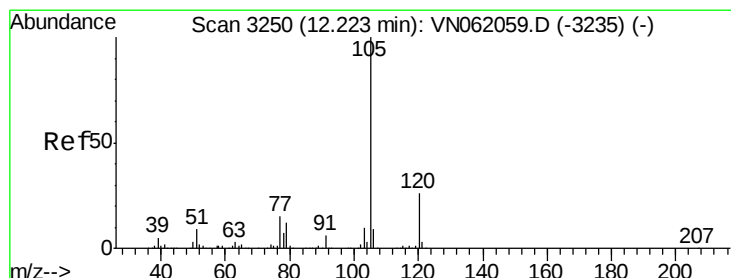
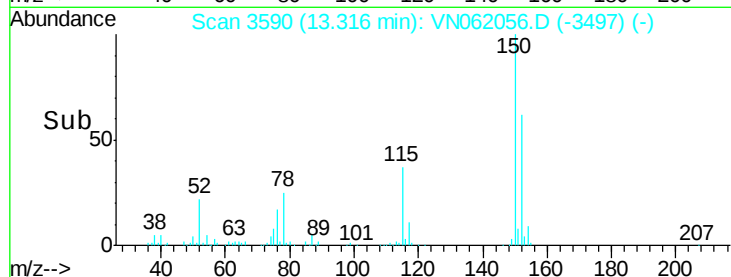
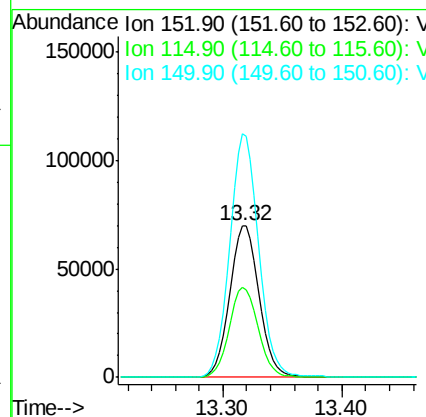
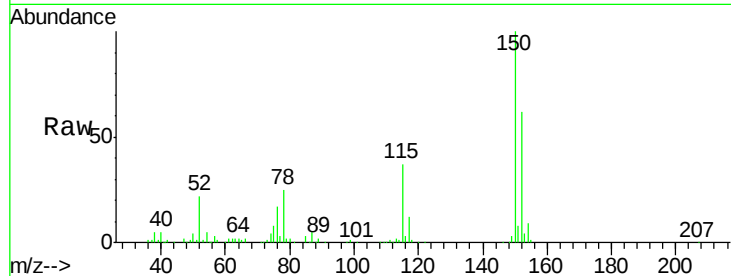
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.5	88.5
150	157.5	0.0	351.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 1.149 ug/l

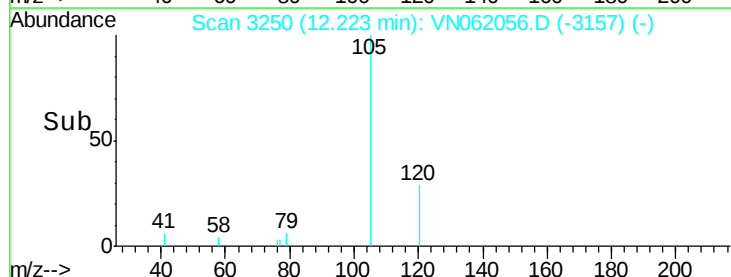
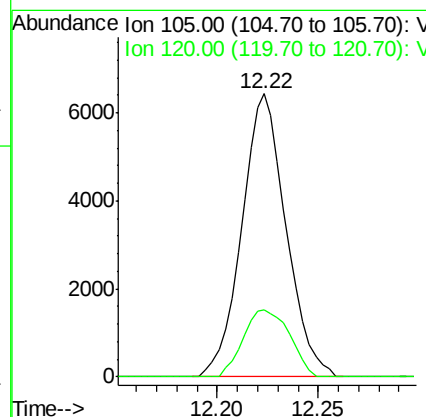
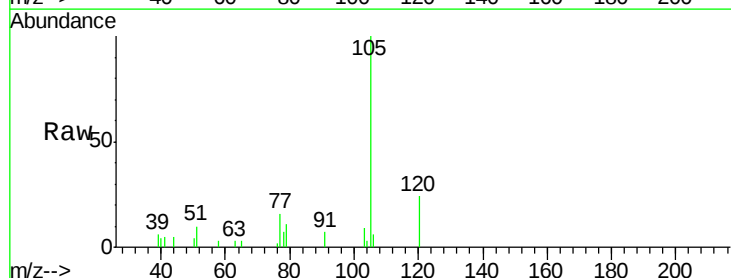
RT: 12.22 min Scan# 3250

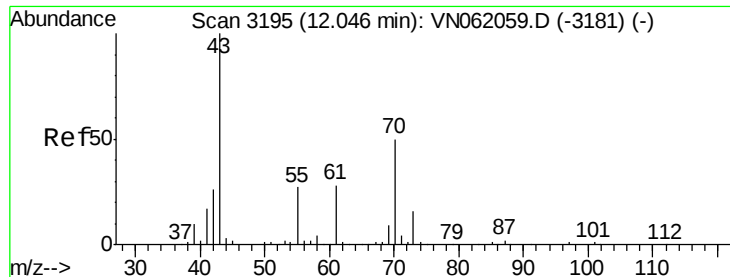
Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.9	13.2	39.6





#74

N-amvl acetate

Concen: 0.827 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 2294

Ion Ratio Lower Upper

43 100

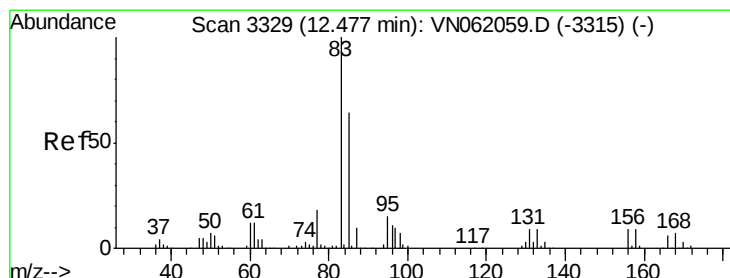
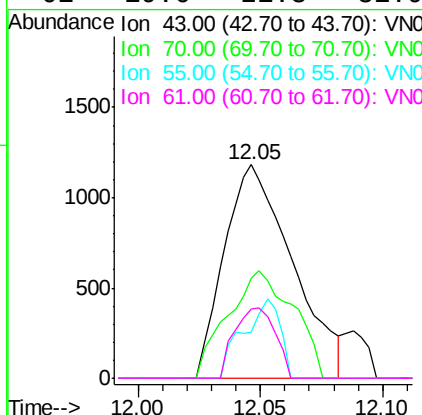
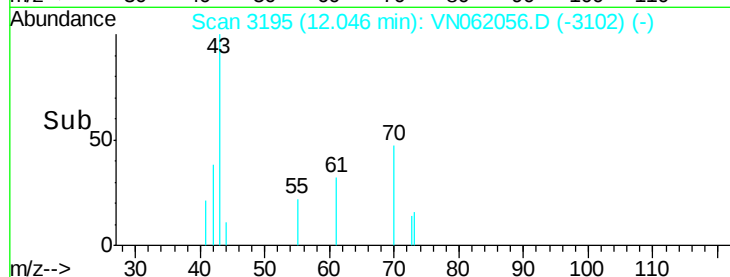
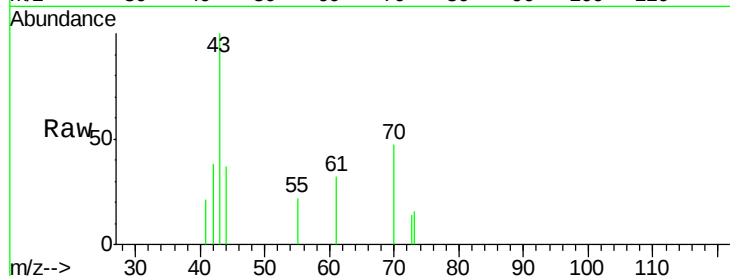
70 48.5 39.4 59.2

55 19.8 21.7 32.5#

61 19.6 21.3 31.9#

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#75

1,1,2,2-Tetrachloroethane

Concen: 1.410 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

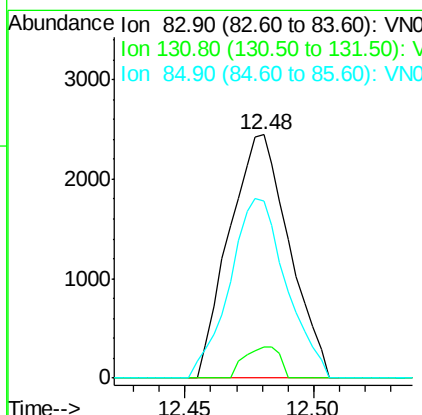
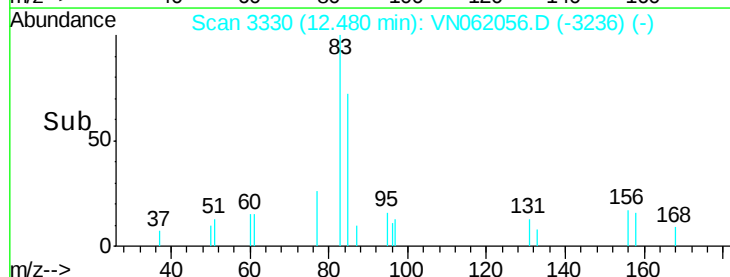
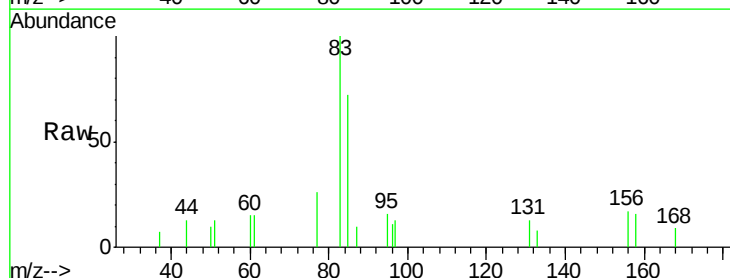
Tgt Ion: 83 Resp: 3956

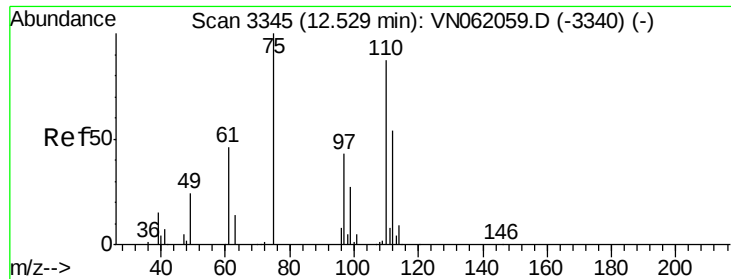
Ion Ratio Lower Upper

83 100

131 7.6 4.8 14.4

85 70.0 32.4 97.0





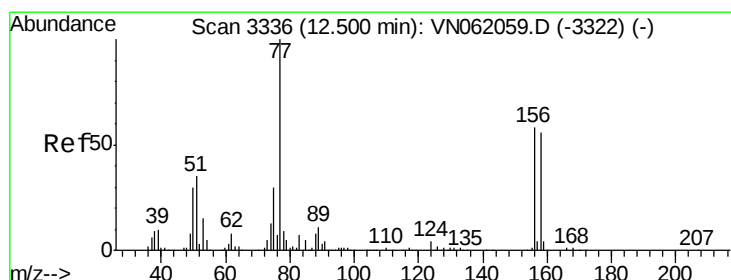
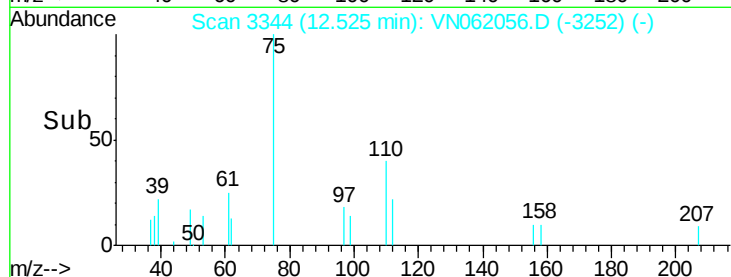
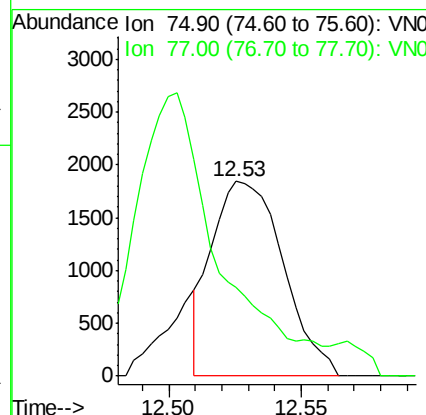
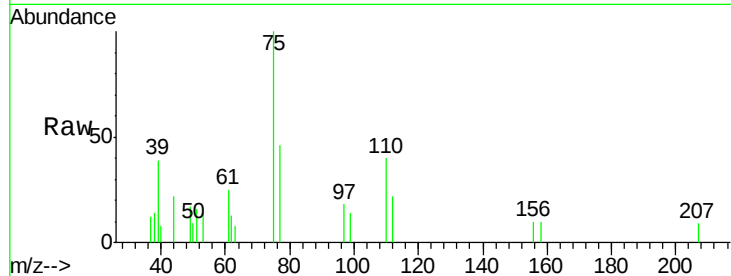
#76
 1,2,3-Trichloropropane
 Concen: 1.456 ug/l m
 RT: 12.53 min Scan# 3344
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 75 Resp: 3475
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

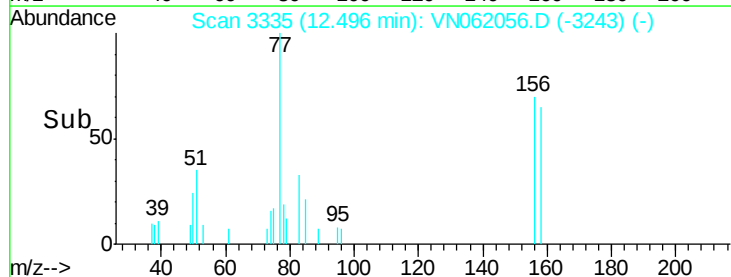
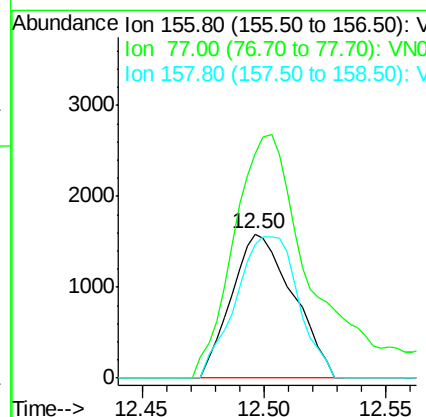
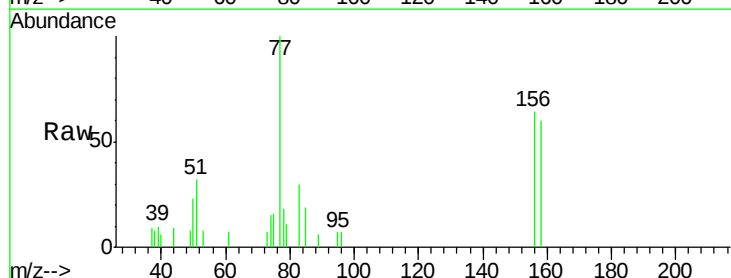
Manual Integrations
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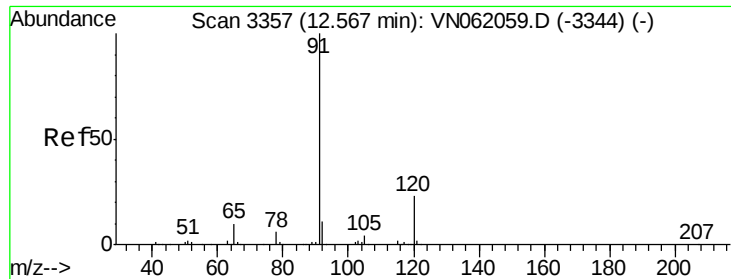
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#77
 Bromobenzene
 Concen: 1.288 ug/l
 RT: 12.50 min Scan# 3335
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion: 156 Resp: 2775
 Ion Ratio Lower Upper
 156 100
 77 213.4 104.6 313.8
 158 99.6 48.0 144.0





#78

n-propylbenzene

Concen: 1.092 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 10711

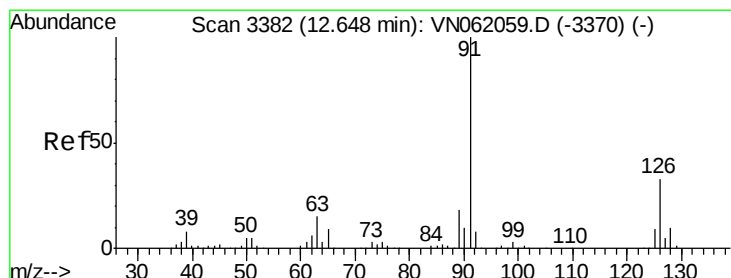
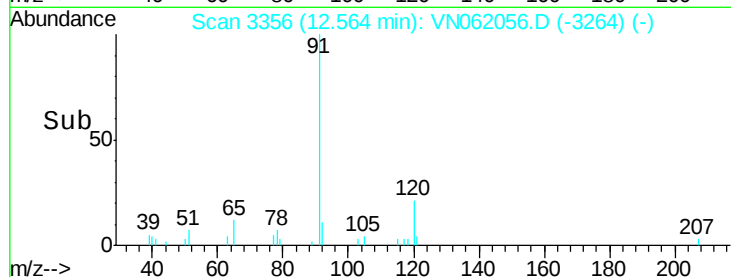
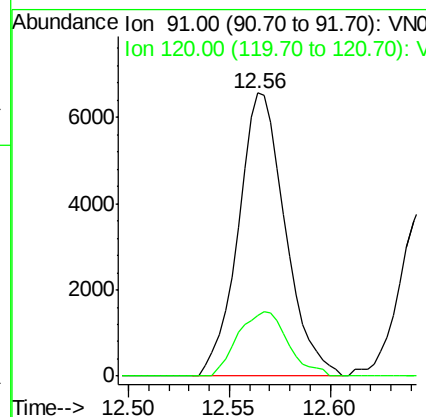
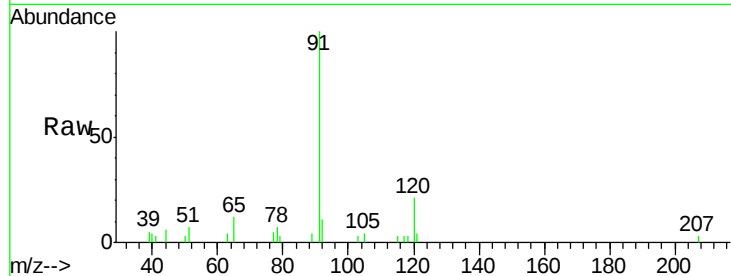
Ion Ratio Lower Upper

91 100

120 24.2 11.4 34.1

Manual Integrations
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#79

2-Chlorotoluene

Concen: 1.226 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062056.D

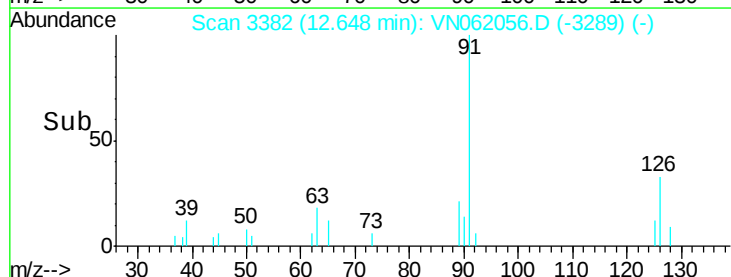
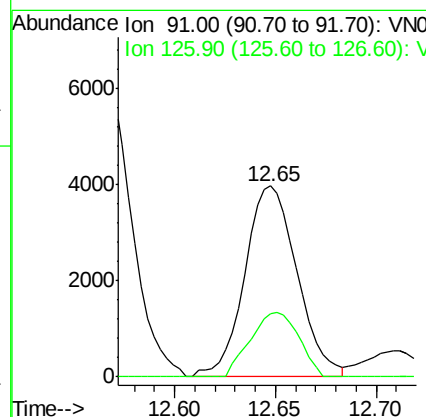
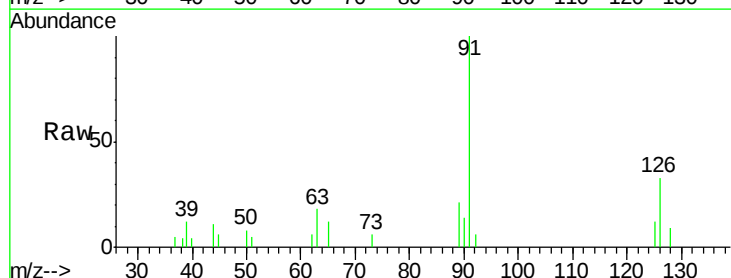
Acq: 24 Jun 2020 9:42

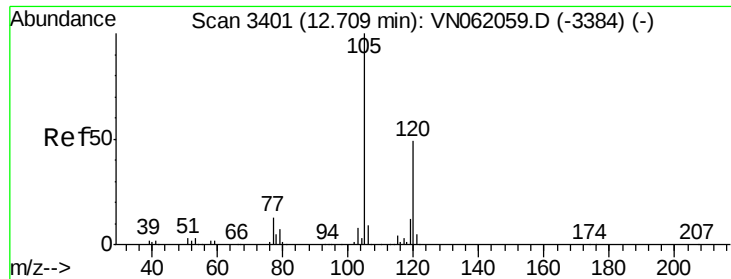
Tgt Ion: 91 Resp: 7215

Ion Ratio Lower Upper

91 100

126 31.3 16.9 50.7





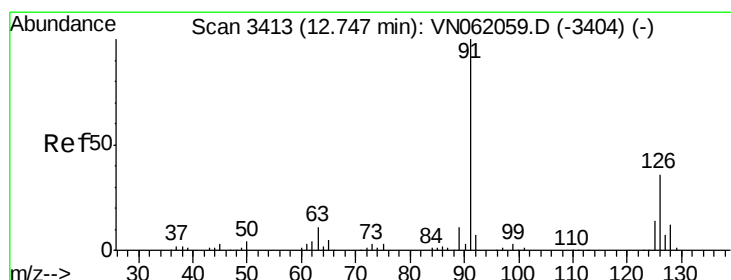
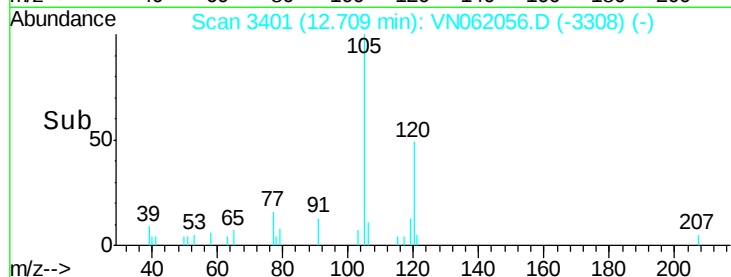
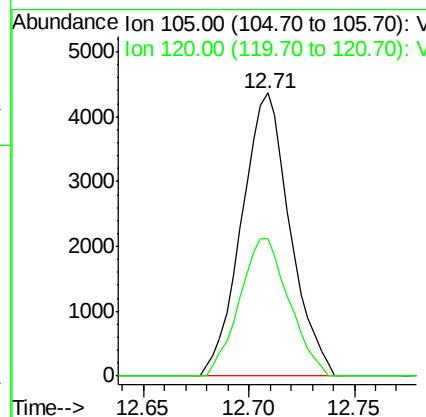
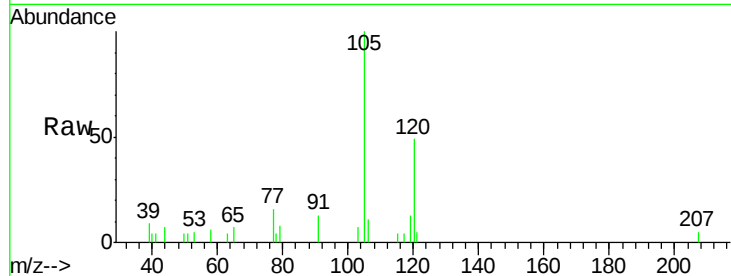
#80
 1,3,5-Trimethylbenzene
 Concen: 0.986 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 6971
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.6 74.0

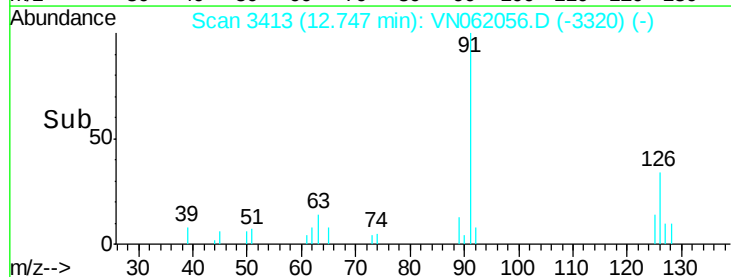
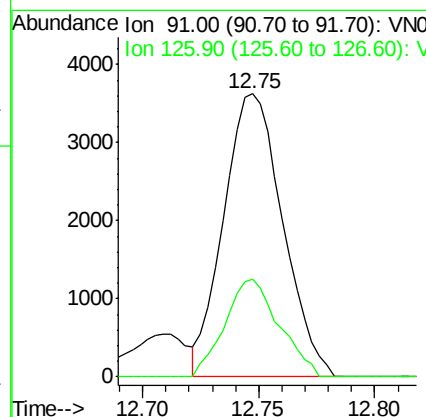
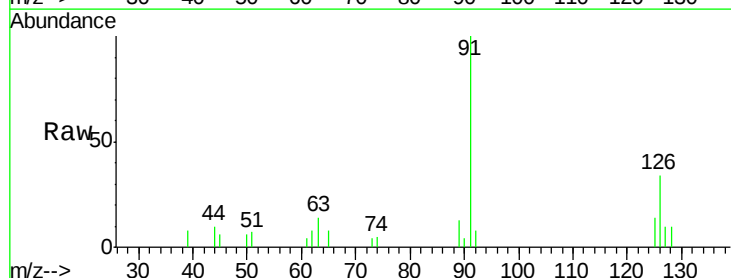
Manual Integrations
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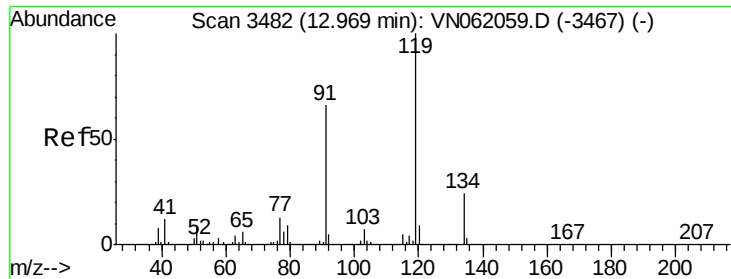
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#82
 4-Chlorotoluene
 Concen: 1.056 ug/l
 RT: 12.75 min Scan# 3413
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion: 91 Resp: 6419
 Ion Ratio Lower Upper
 91 100
 126 31.4 16.7 50.1





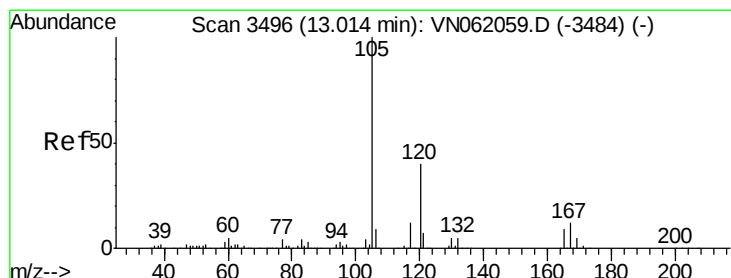
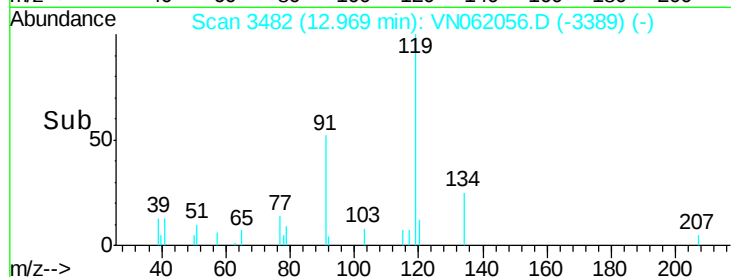
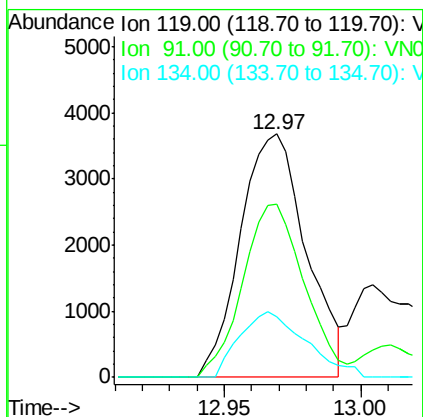
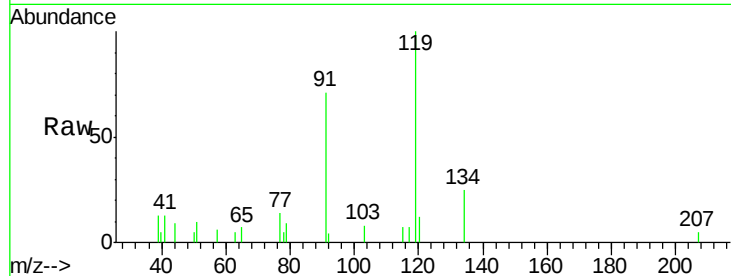
#83
 tert-Butylbenzene
 Concen: 1.029 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	31.7	95.1
134	27.1	13.1	39.1

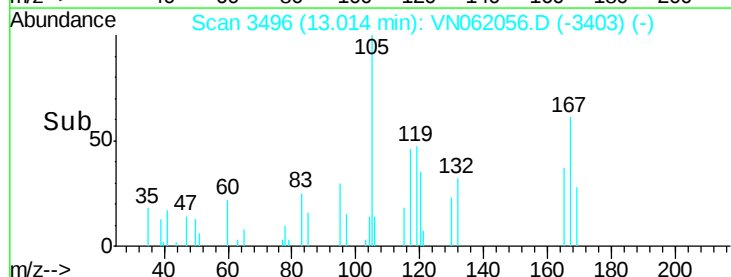
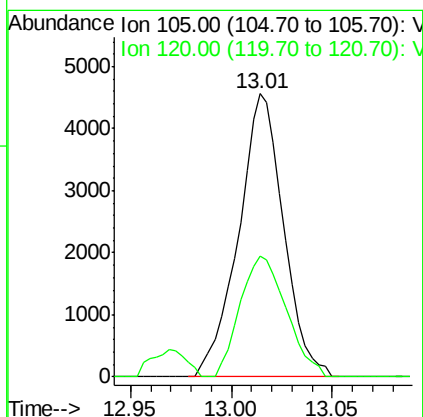
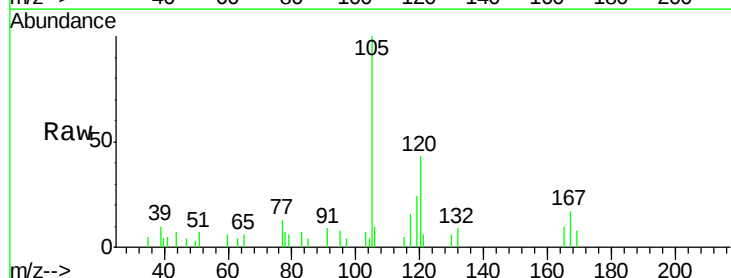
Manual Integrations
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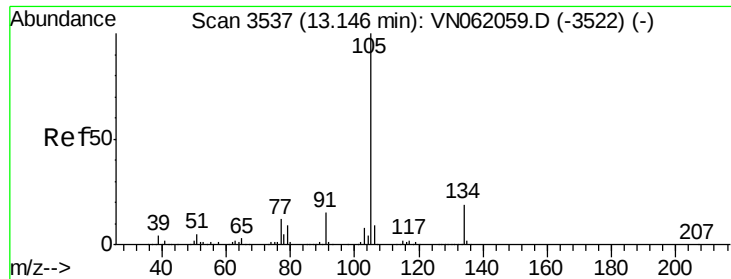
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#84
 1,2,4-Trimethylbenzene
 Concen: 1.022 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	23.2	69.5





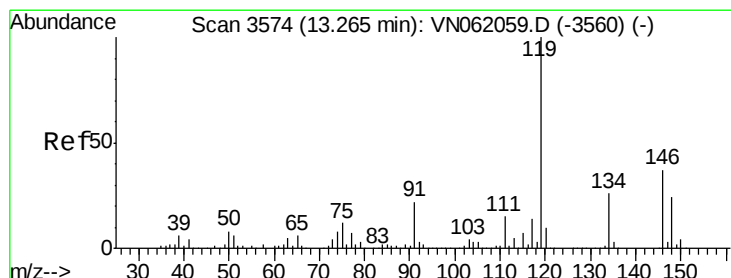
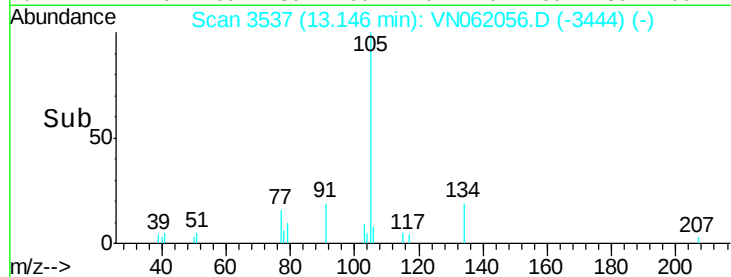
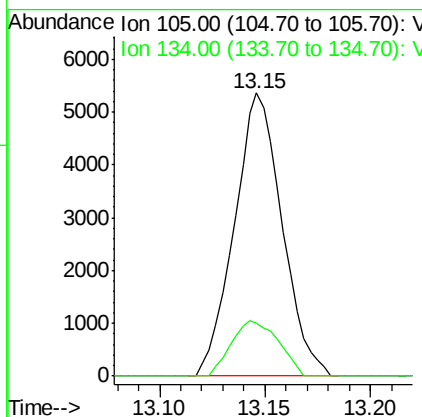
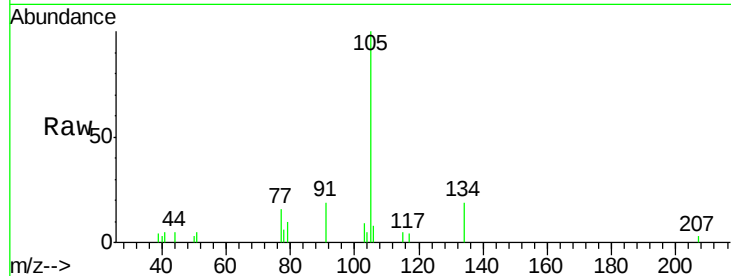
#85
 sec-Butylbenzene
 Concen: 1.069 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	29.1

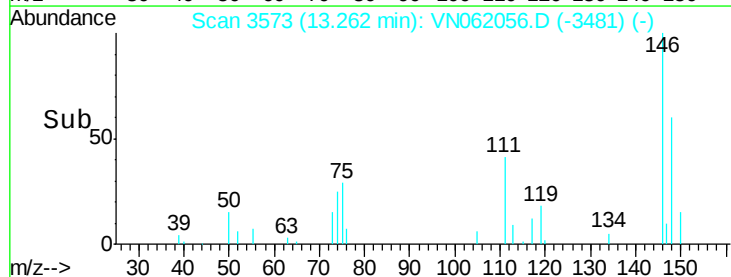
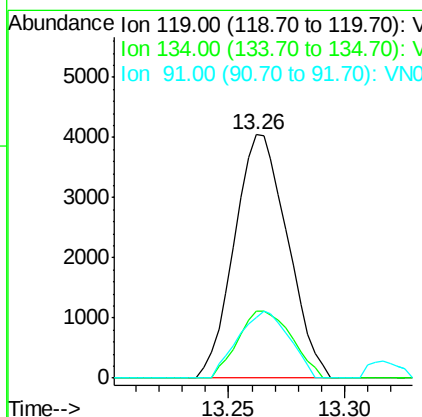
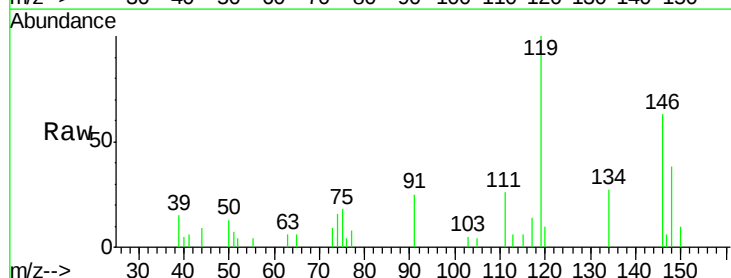
Manual Integrations
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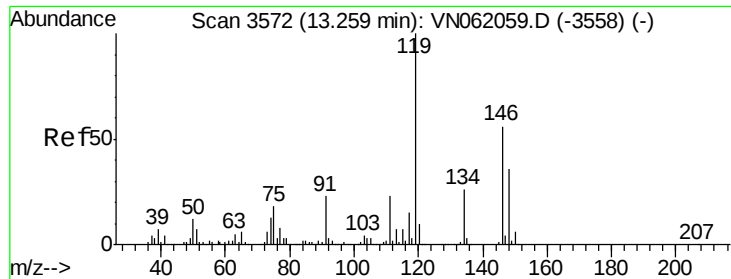
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#86
 p-Isopropyltoluene
 Concen: 0.923 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.0	39.0
91	26.5	11.3	33.8





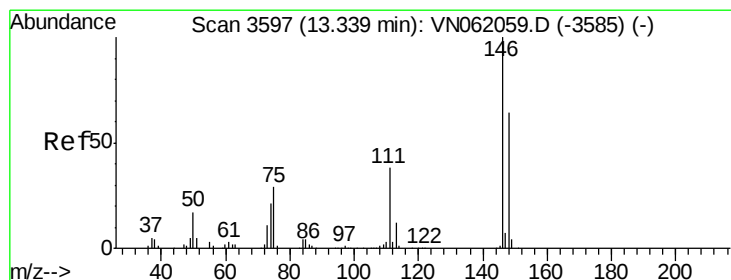
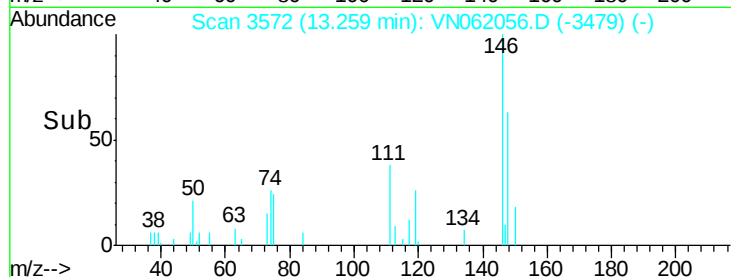
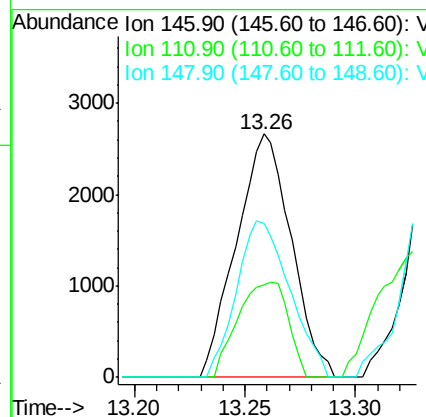
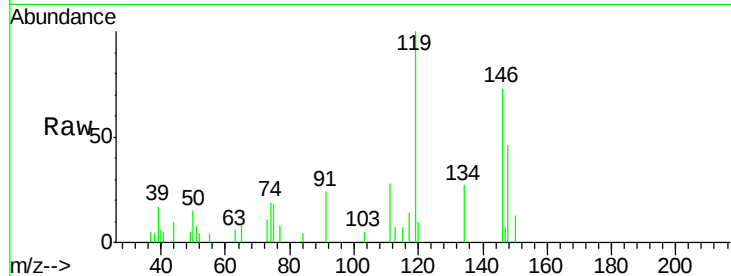
#87
 1,3-Dichlorobenzene
 Concen: 1.173 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	35.9	20.3	61.0
148	62.8	31.8	95.3

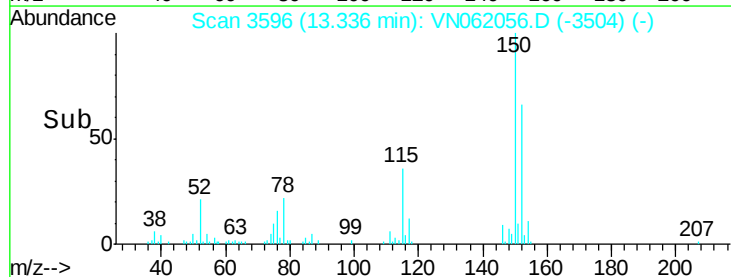
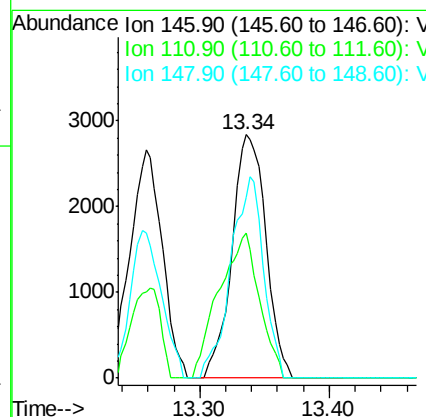
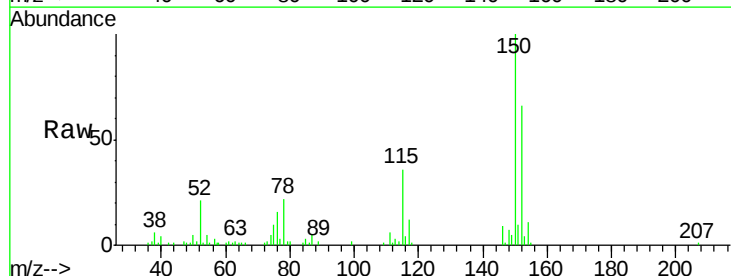
Manual Integrations
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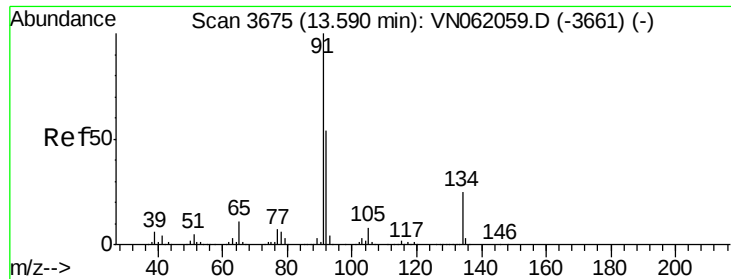
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#88
 1,4-Dichlorobenzene
 Concen: 1.292 ug/l m
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	31.9	19.9	59.6
148	55.7	31.9	95.9





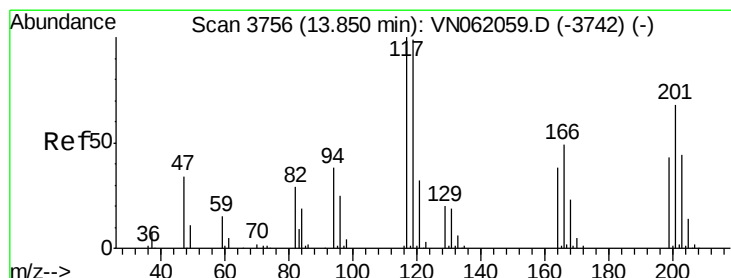
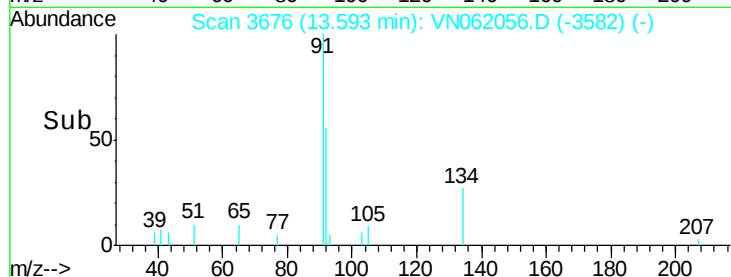
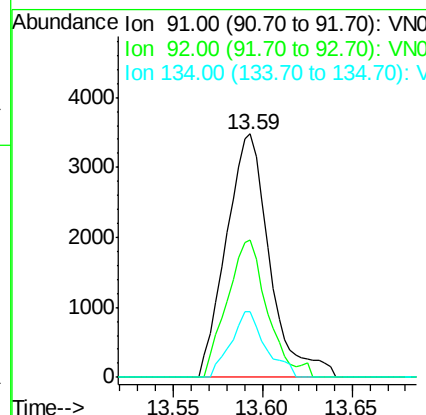
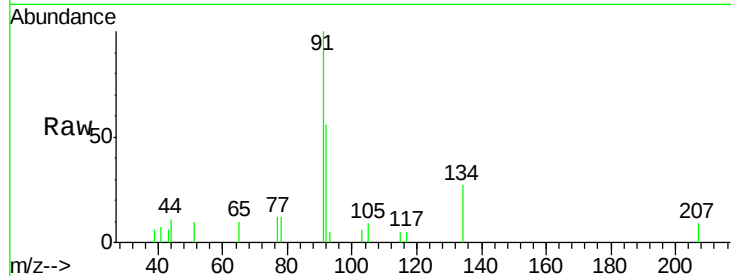
#89
n-Butylbenzene
Concen: 1.001 ug/l
RT: 13.59 min Scan# 3676
Delta R.T. 0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.6	79.7
134	21.6	12.3	36.9

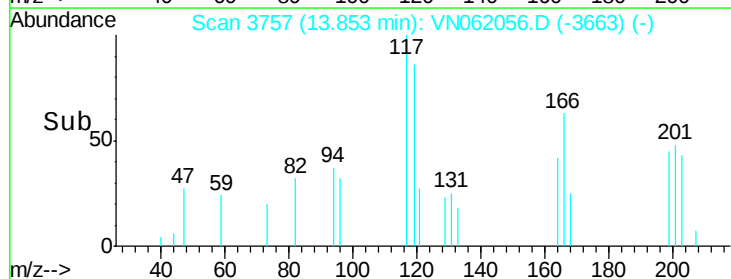
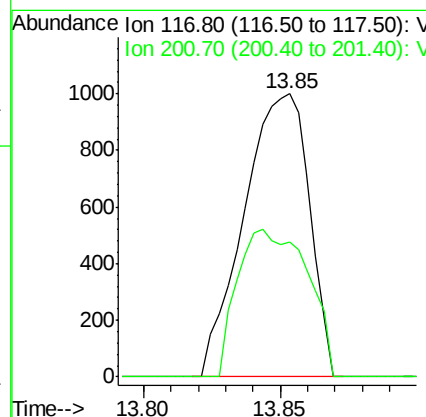
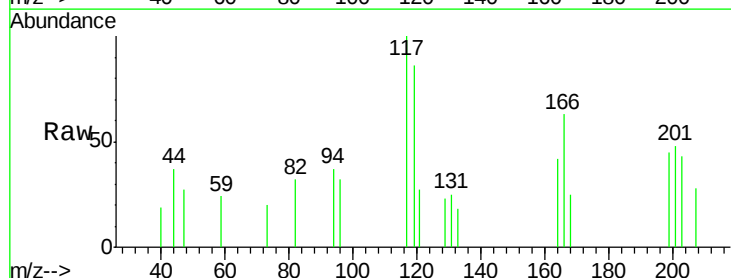
Manual Integrations
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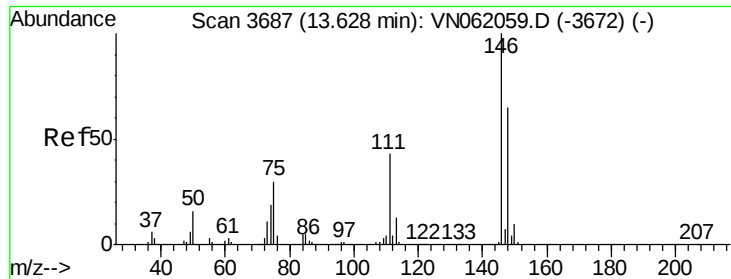
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#90
Hexachloroethane
Concen: 1.291 ug/l
RT: 13.85 min Scan# 3757
Delta R.T. 0.00 min
Lab File: VN062056.D
Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	56.2	32.7	98.1





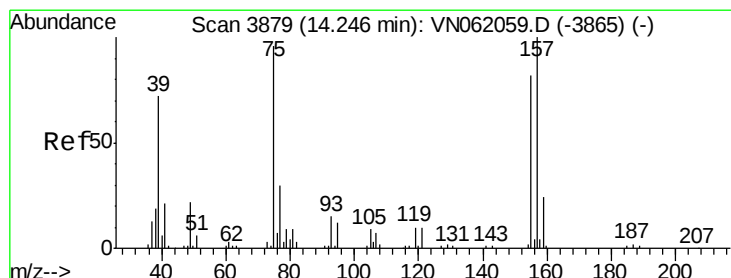
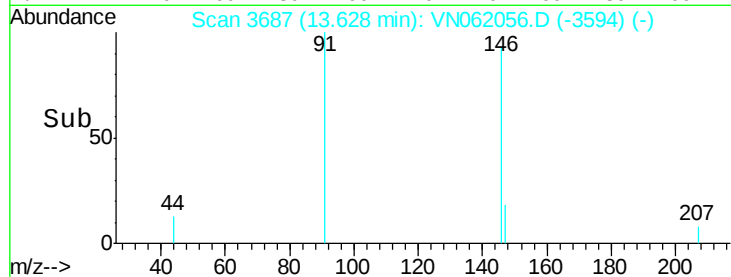
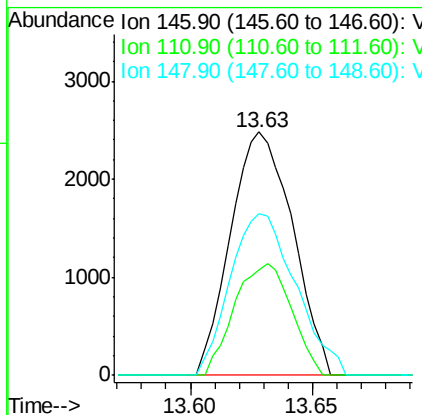
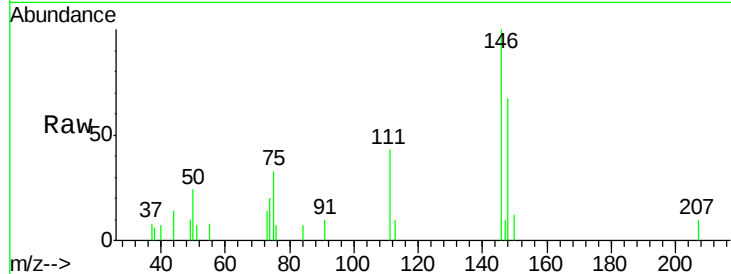
#91
 1,2-Dichlorobenzene
 Concen: 1.167 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.2	63.6
148	70.2	31.9	95.5

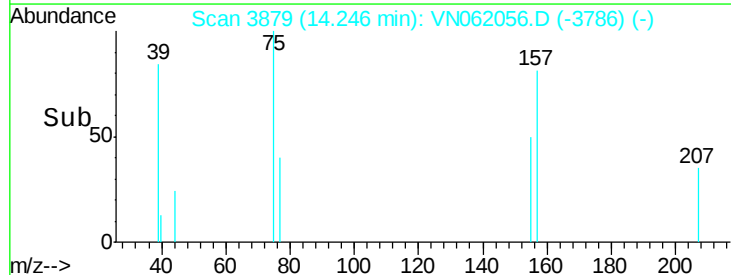
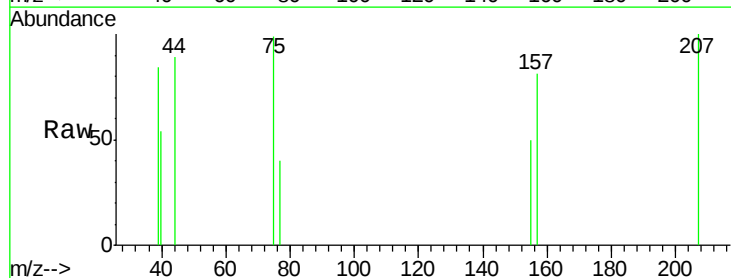
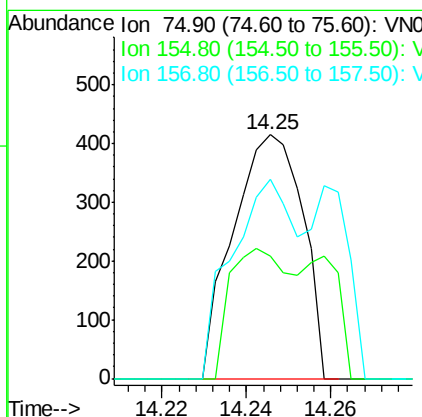
Manual Integrations
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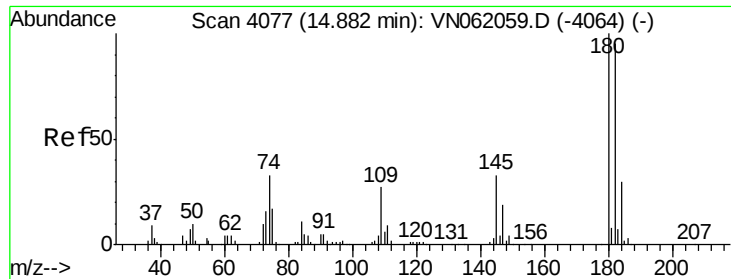
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.037 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
75	100		
155	47.9	40.8	122.4
157	73.9	51.4	154.3





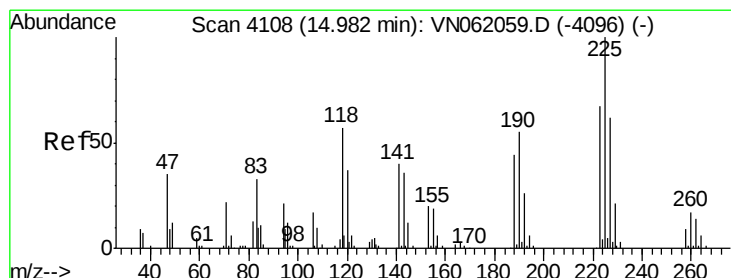
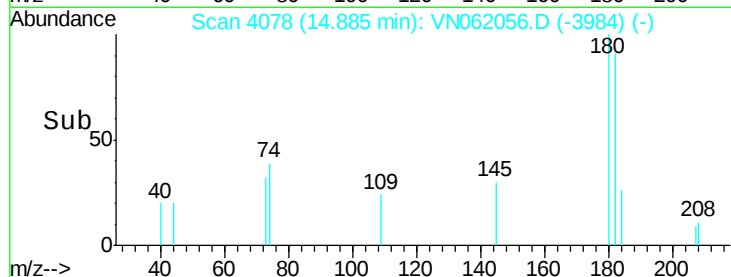
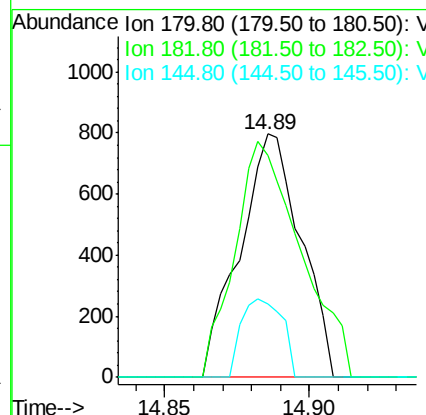
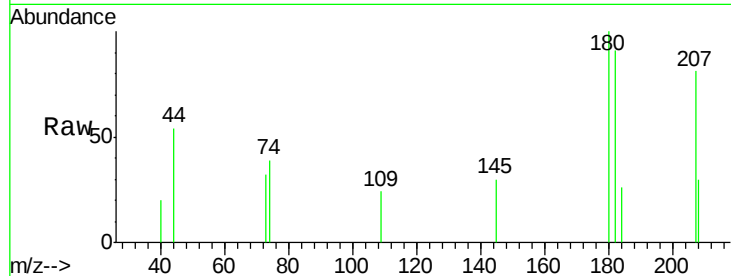
#93
 1,2,4-Trichlorobenzene
 Concen: 0.663 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	104.7	48.0	144.2
145	21.5	16.0	48.0

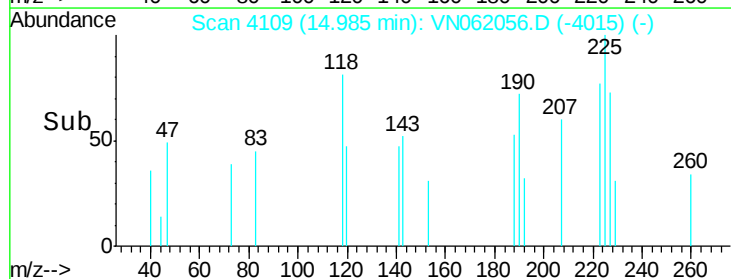
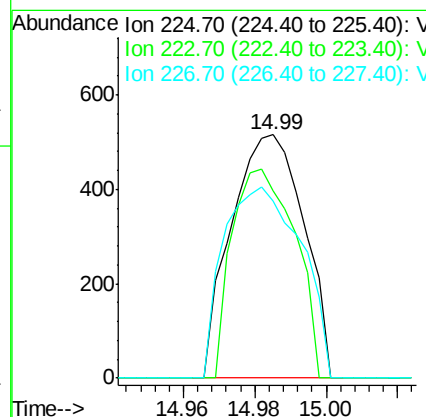
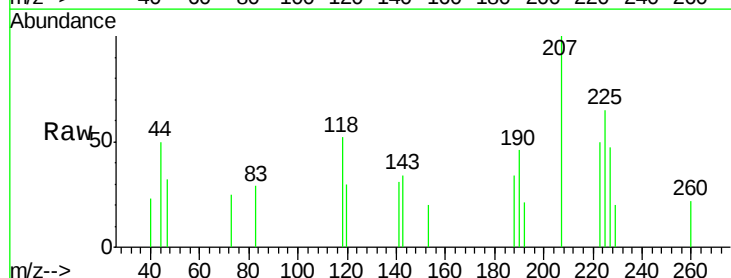
Manual Integrations
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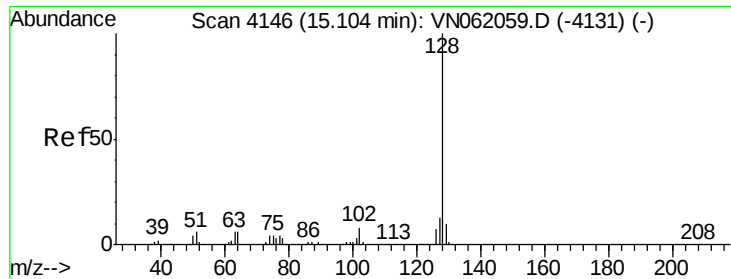
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#94
 Hexachlorobutadiene
 Concen: 1.036 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062056.D
 Acq: 24 Jun 2020 9:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	74.6	32.9	98.7
227	84.4	31.3	93.8





#95

Naphthalene

Concen: 0.666 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Instrument :

MSVOA_N

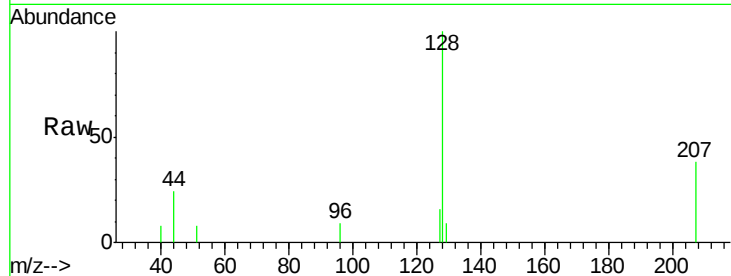
ClientSampleId :

VSTDIC001

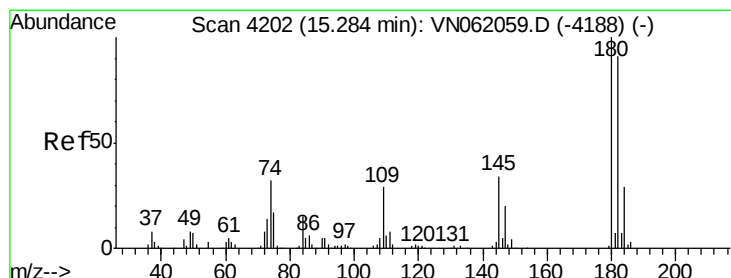
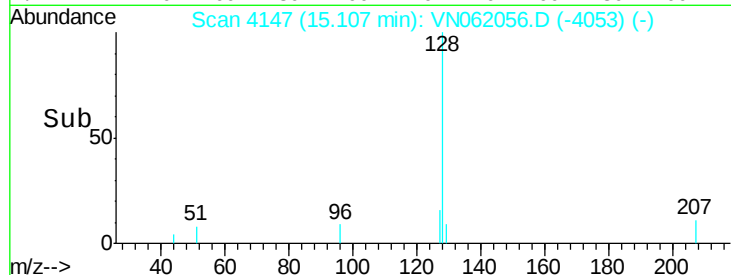
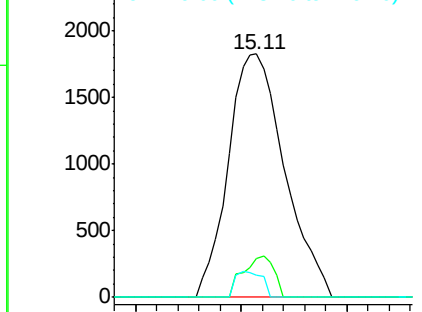
Tot Ion:	128	Resp:	3382
Ion Ratio	Lower	Upper	
128	100		
127	9.3	10.5	15.7#
129	4.9	8.6	13.0#

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.945 ug/l

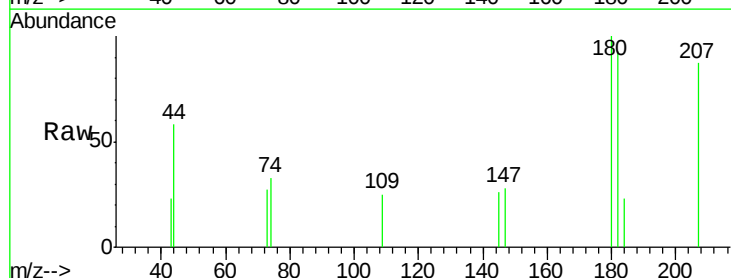
RT: 15.29 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN062056.D

Acq: 24 Jun 2020 9:42

Tgt Ion:	180	Resp:	1655
Ion Ratio	Lower	Upper	
180	100		
182	86.7	46.8	140.4
145	20.2	16.4	49.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

