

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061003.D
 Acq On : 16 Apr 2020 11:11
 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

MMDadoda
 4/17/2020 11:52:52 AM

Quant Time: Apr 17 03:50:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	176735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	293518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	254816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	106859	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	1478	0.815 ug/l	93
3) Chloromethane	2.04	50	2768	0.865 ug/l	94
4) Vinyl Chloride	2.17	62	2259	0.896 ug/l	92
6) Chloroethane	2.68	64	1223	0.842 ug/l	97
7) Trichlorofluoromethane	3.00	101	2846	0.913 ug/l	97
8) Diethyl Ether	3.39	74	1081	0.867 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.73	101	1840	1.025 ug/l #	84
10) Methyl Iodide	3.92	142	1281	0.793 ug/l #	80
12) 1,1-Dichloroethene	3.71	96	1754	0.914 ug/l	92
14) Allyl chloride	4.29	41	3306	0.968 ug/l	95
15) Acrylonitrile	4.95	53	3907	3.688 ug/l	95
16) Acetone	3.79	43	4549	5.098 ug/l	96
17) Carbon Disulfide	4.02	76	5741	0.981 ug/l	97
18) Methyl Acetate	4.29	43	2574	1.011 ug/l #	60
19) Methyl tert-butyl Ether	5.00	73	6246	0.944 ug/l #	88
20) Methylene Chloride	4.52	84	1998	0.941 ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	1826	0.893 ug/l	81
22) Diisopropyl ether	5.91	45	6853	0.955 ug/l #	87
23) Vinyl Acetate	5.86	43	25559	4.389 ug/l	97
24) 1,1-Dichloroethane	5.81	63	3753	0.960 ug/l #	85
25) 2-Butanone	6.80	43	6457	4.550 ug/l	95
26) 2,2-Dichloropropane	6.79	77	3123m	0.999 ug/l	
27) cis-1,2-Dichloroethene	6.79	96	2174	0.933 ug/l	90
28) Bromochloromethane	7.17	49	1835	0.986 ug/l #	94
29) Tetrahydrofuran	7.18	42	4283	4.303 ug/l	93
30) Chloroform	7.35	83	3408	0.911 ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	2988	0.931 ug/l #	51
36) 1,1-Dichloropropene	7.77	75	2898	1.012 ug/l	91
37) Ethyl Acetate	6.90	43	2864m	0.921 ug/l	
38) Carbon Tetrachloride	7.75	117	1970	0.772 ug/l	95
39) Methylcyclohexane	9.06	83	3264	0.955 ug/l	97
40) Benzene	8.02	78	8392	0.972 ug/l	98
41) Methacrylonitrile	7.14	41	1306	0.983 ug/l #	100
42) 1,2-Dichloroethane	8.09	62	2737	0.926 ug/l #	76

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

43) Isopropyl Acetate	8.13	43	4619	0.903	ug/l #	94
44) Trichloroethene	8.82	130	2155	0.994	ug/l	87
45) 1,2-Dichloropropane	9.10	63	2261	0.990	ug/l	97
46) Dibromomethane	9.18	93	1054	0.767	ug/l	92
47) Bromodichloromethane	9.38	83	2507	0.875	ug/l #	95
48) Methyl methacrylate	9.18	41	1915	0.839	ug/l	94
49) 1,4-Dioxane	9.18	88	317	11.531	ug/l #	53
51) 4-Methyl-2-Pentanone	9.97	43	12808	4.391	ug/l	95
52) Toluene	10.14	92	5042	0.967	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	2847	0.864	ug/l	94
54) cis-1,3-Dichloropropene	9.82	75	3125	0.863	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	1750	0.873	ug/l	97
56) Ethyl methacrylate	10.42	69	2327	0.744	ug/l	97
57) 1,3-Dichloropropane	10.70	76	3266	0.937	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.68	63	5857	3.923	ug/l	98
59) 2-Hexanone	10.74	43	8669	4.128	ug/l	94
60) Dibromochloromethane	10.89	129	1674	0.811	ug/l	96
61) 1,2-Dibromoethane	11.00	107	1773	0.882	ug/l	96
64) Tetrachloroethene	10.62	164	1778	0.891	ug/l	95
65) Chlorobenzene	11.42	112	5002	0.984	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.50	131	1732	0.943	ug/l #	66
67) Ethyl Benzene	11.50	91	9293	0.983	ug/l	98
68) m/p-Xylenes	11.61	106	6436	1.840	ug/l	98
69) o-Xylene	11.94	106	3071	0.920	ug/l	99
70) Styrene	11.96	104	4314	0.789	ug/l	94
71) Bromoform	12.12	173	1043	0.762	ug/l #	88
73) Isopropylbenzene	12.24	105	8797	1.091	ug/l	96
74) N-amyl acetate	12.07	43	3752	1.003	ug/l #	87
75) 1,1,1,2-Tetrachloroethane	12.50	83	2480	1.012	ug/l #	90
76) 1,2,3-Trichloropropane	12.55	75	2160m	0.933	ug/l	
77) Bromobenzene	12.52	156	2033	1.050	ug/l	93
78) n-propylbenzene	12.58	91	9406	0.984	ug/l	100
79) 2-Chlorotoluene	12.67	91	5650	0.993	ug/l	99
80) 1,3,5-Trimethylbenzene	12.72	105	6618	0.966	ug/l	98
82) 4-Chlorotoluene	12.77	91	5813	1.001	ug/l	99
83) tert-Butylbenzene	12.99	119	5663	0.997	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	6217	0.918	ug/l	98
85) sec-Butylbenzene	13.17	105	7580	0.990	ug/l	98
86) p-Isopropyltoluene	13.28	119	6619	0.962	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	3453	1.008	ug/l	93
88) 1,4-Dichlorobenzene	13.36	146	3516m	1.023	ug/l	
89) n-Butylbenzene	13.61	91	5821	0.933	ug/l	100
90) Hexachloroethane	13.87	117	963	0.960	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	3327	1.018	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	369	0.672	ug/l	84
93) 1,2,4-Trichlorobenzene	14.90	180	1653	0.824	ug/l	97
94) Hexachlorobutadiene	15.01	225	985	0.994	ug/l	95
95) Naphthalene	15.13	128	4582	0.764	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.31	180	1553	0.786	ug/l	92

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VSTDICC001

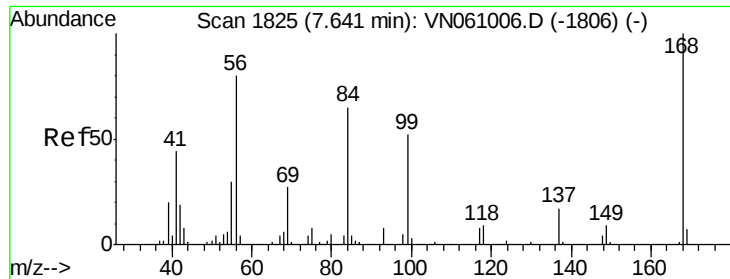
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion:168 Resp: 176735

Ion Ratio Lower Upper

168 100

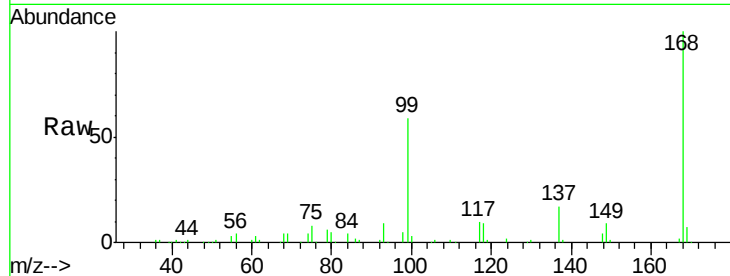
99 59.4 47.4 71.2

Manual Integrations

APPROVED

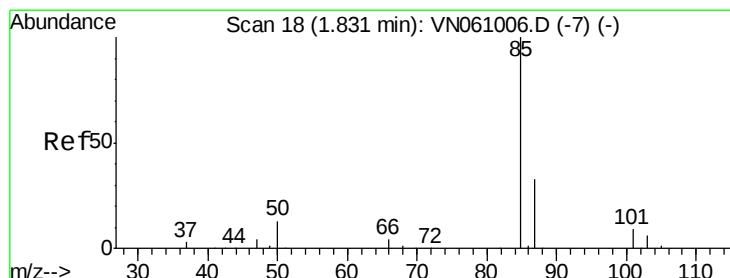
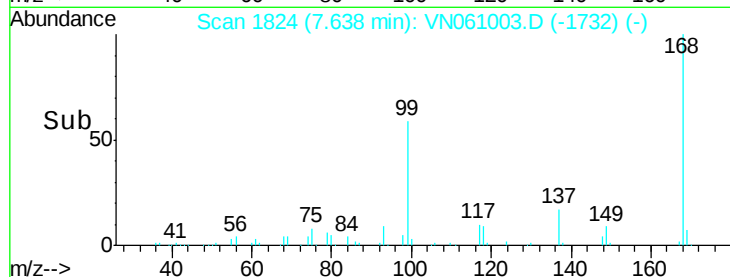
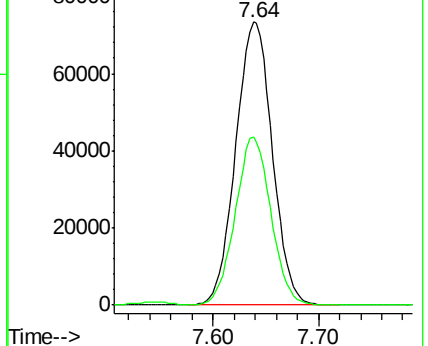
MMDadoda

4/17/2020 11:52:52 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 0.815 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN061003.D

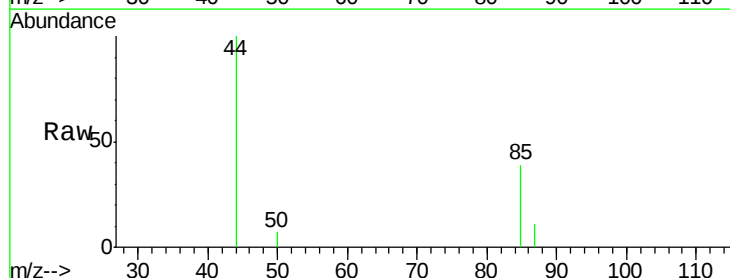
Acq: 16 Apr 2020 11:11

Tgt Ion: 85 Resp: 1478

Ion Ratio Lower Upper

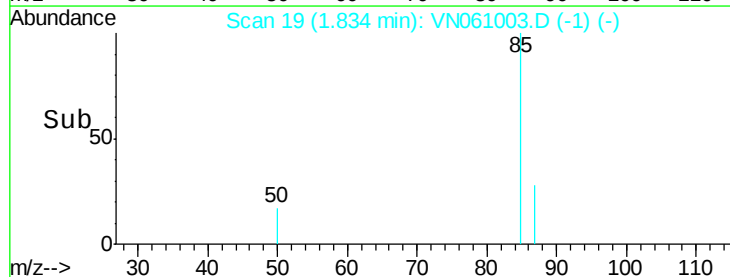
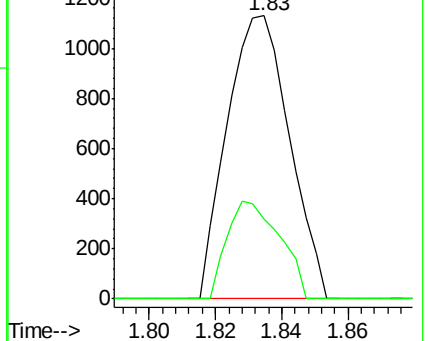
85 100

87 28.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 0.865 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2768

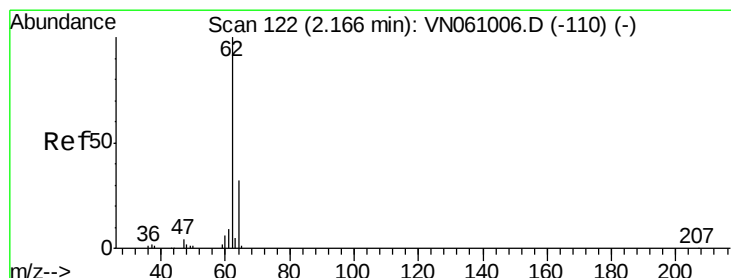
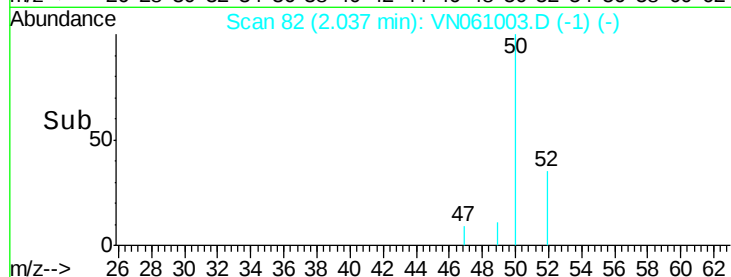
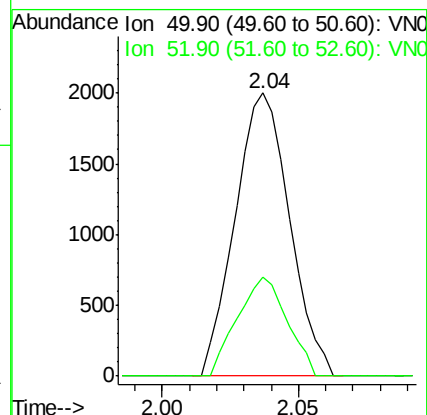
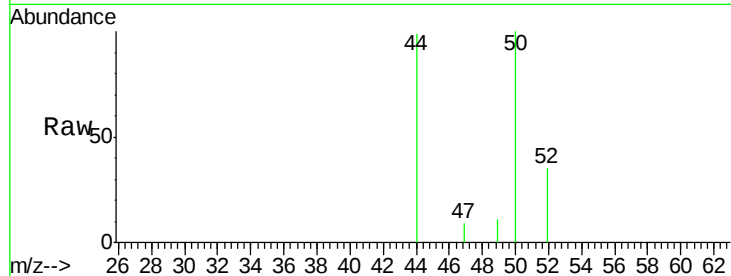
Ion Ratio Lower Upper

50 100

52 35.1 25.6 38.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 0.896 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN061003.D

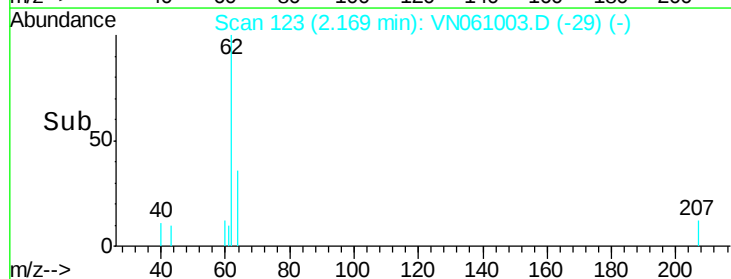
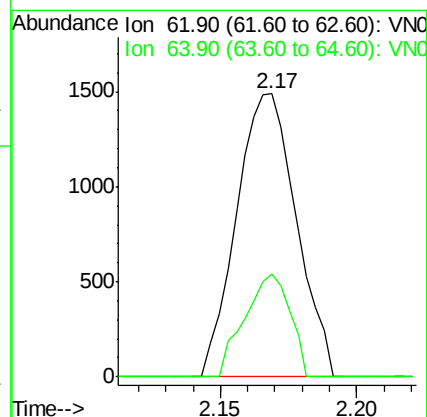
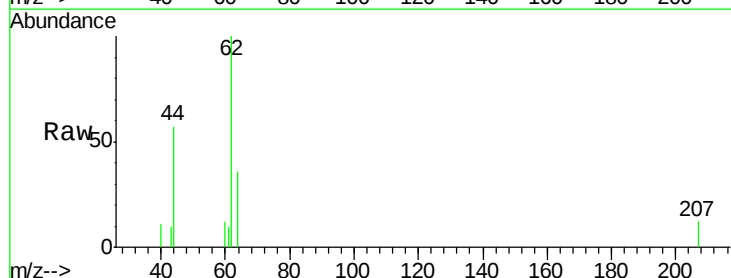
Acq: 16 Apr 2020 11:11

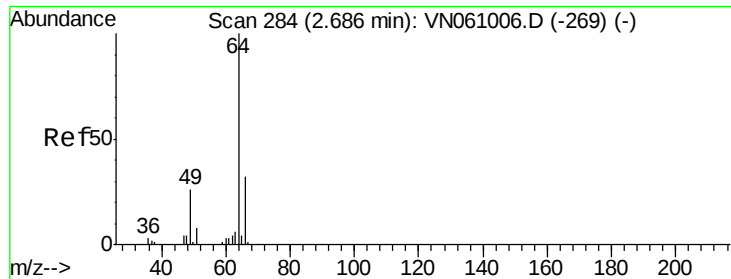
Tgt Ion: 62 Resp: 2259

Ion Ratio Lower Upper

62 100

64 36.2 25.4 38.0





#6

Chloroethane

Concen: 0.842 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1223

Ion Ratio Lower Upper

64 100

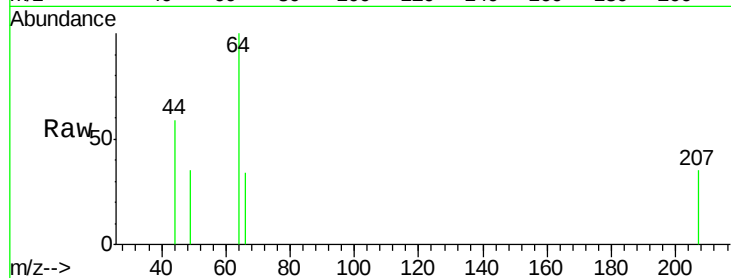
66 34.0 25.8 38.8

Manual Integrations

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Abundance Ion 63.90 (63.60 to 64.60): VN061006.D (-269) (-)

Ion 65.90 (65.60 to 66.60): VN061006.D (-269) (-)

2.68

600

400

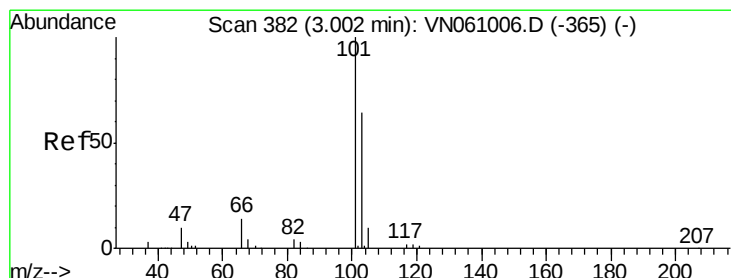
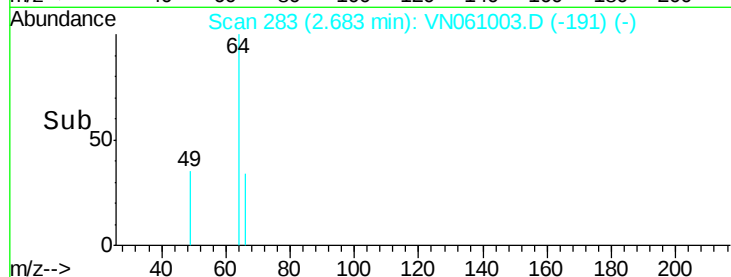
200

0

2.65

2.70

Time-->



#7

Trichlorofluoromethane

Concen: 0.913 ug/l

RT: 3.00 min Scan# 382

Delta R.T. 0.00 min

Lab File: VN061003.D

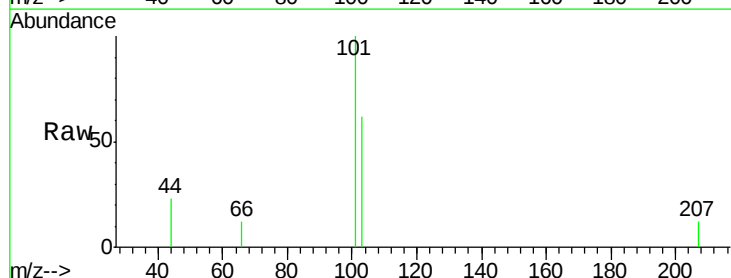
Acq: 16 Apr 2020 11:11

Tgt Ion: 101 Resp: 2846

Ion Ratio Lower Upper

101 100

103 61.6 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): VN061006.D (-365) (-)

Ion 102.80 (102.50 to 103.50): VN061006.D (-365) (-)

3.00

1500

1000

500

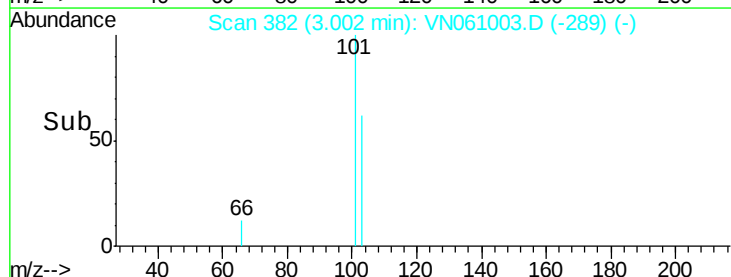
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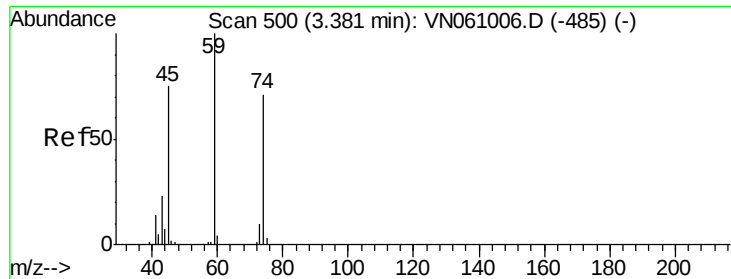
2.95

3.00

3.05

Time-->





#8

Diethyl Ether

Concen: 0.867 ug/l

RT: 3.39 min Scan# 502

Delta R.T. 0.01 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1081

Ion Ratio Lower Upper

74 100

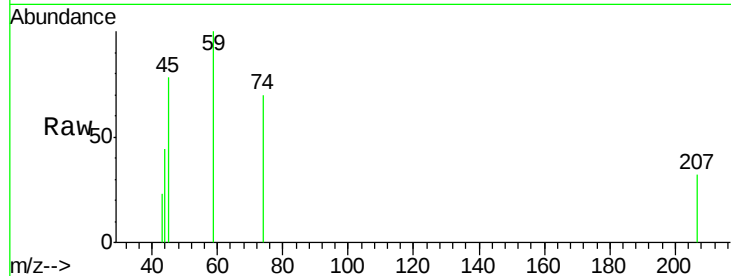
45 112.2 52.9 158.8

Manual Integrations

APPROVED

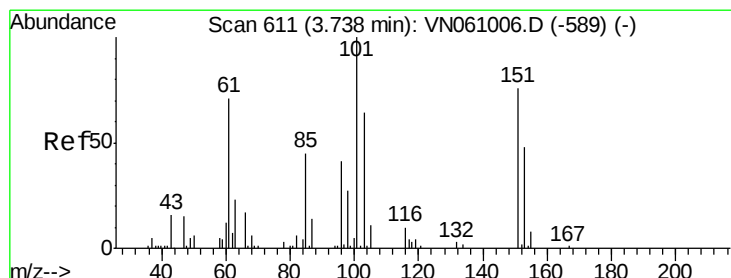
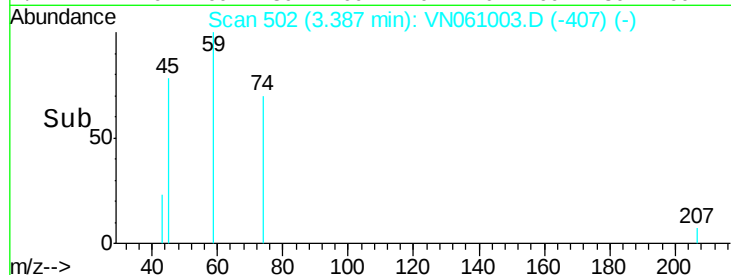
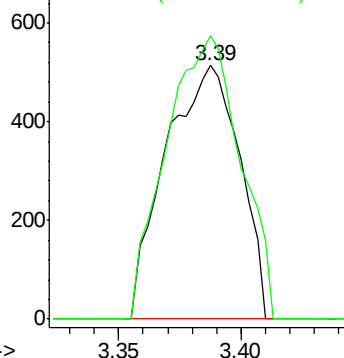
MMDadoda

4/17/2020 11:52:52 AM



Abundance Ion 74.00 (73.70 to 74.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.025 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

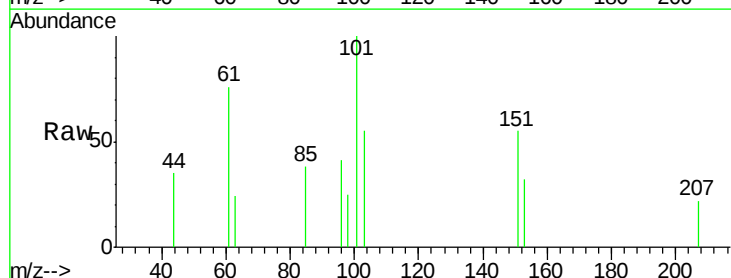
Tgt Ion: 101 Resp: 1840

Ion Ratio Lower Upper

101 100

85 37.9 35.9 53.9

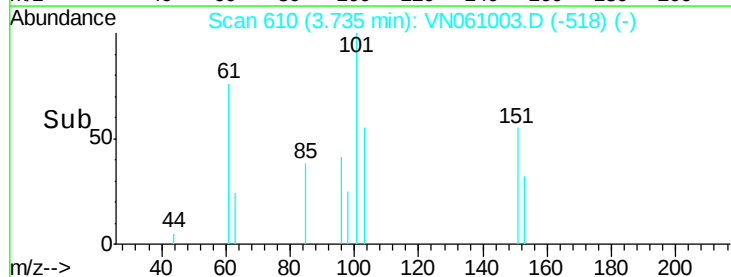
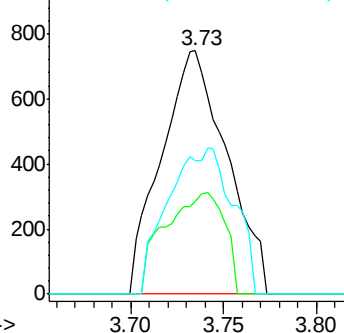
151 60.0 60.8 91.2#

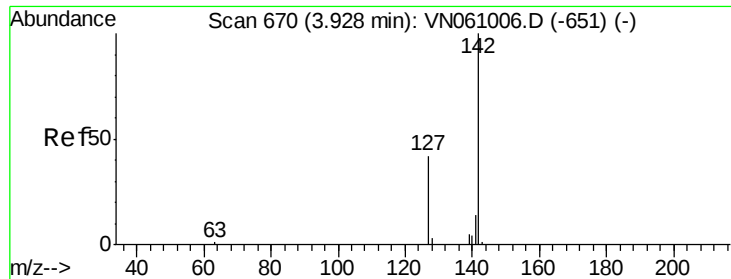


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V





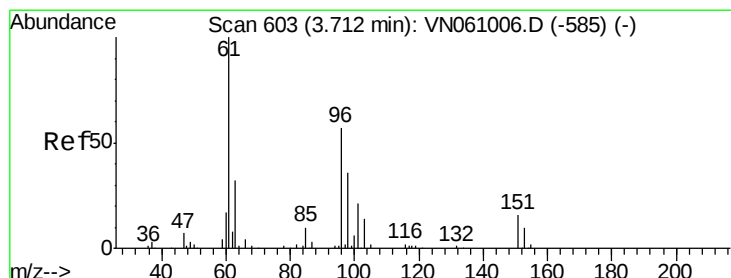
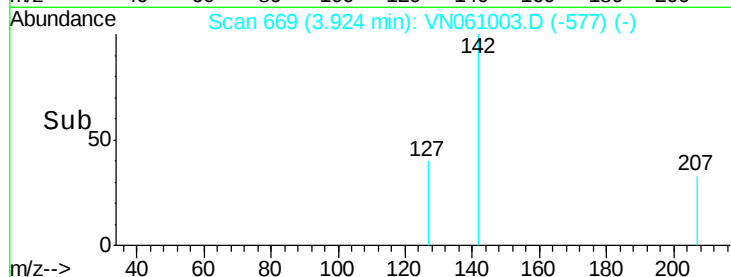
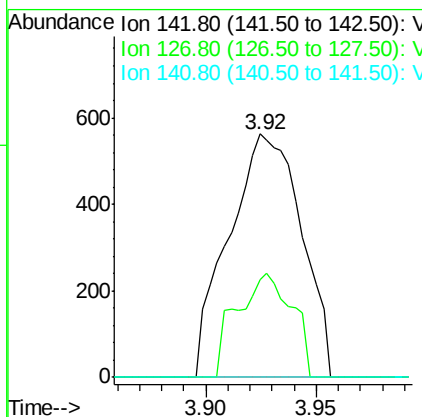
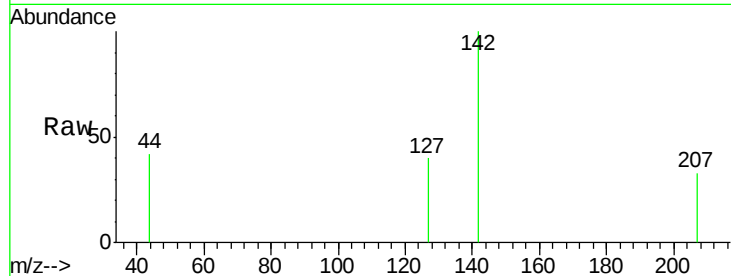
#10
Methvl Iodide
Concen: 0.793 ug/l
RT: 3.92 min Scan# 669
Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
142	100		
127	32.4	33.4	50.2#
141	0.0	11.0	16.6#

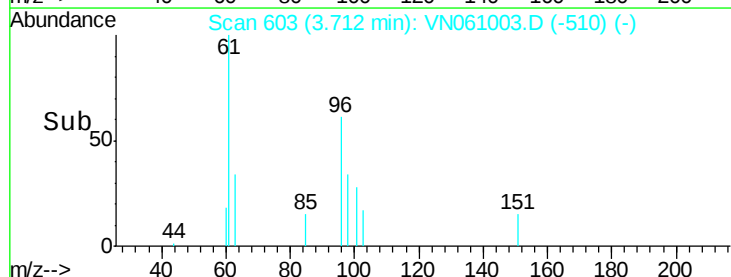
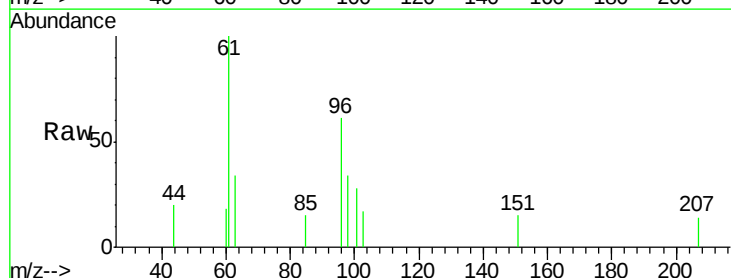
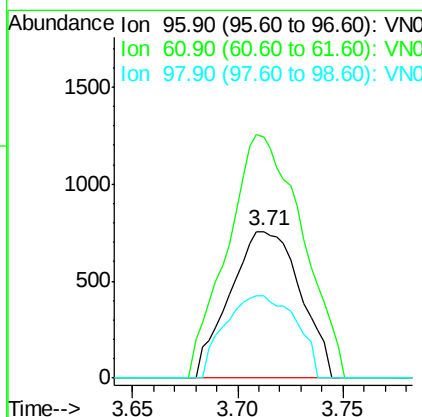
Manual Integrations
APPROVED

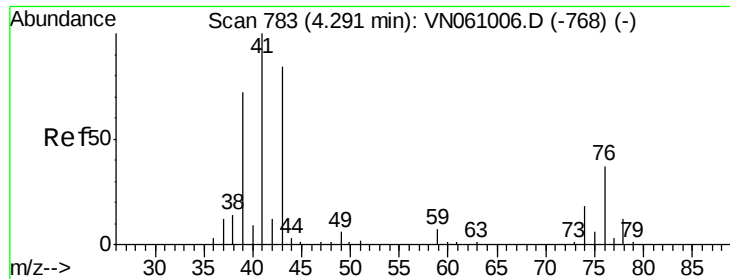
MMDadoda
4/17/2020 11:52:52 AM



#12
1,1-Dichloroethene
Concen: 0.914 ug/l
RT: 3.71 min Scan# 603
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.8	139.2	208.8
98	56.0	50.0	75.0





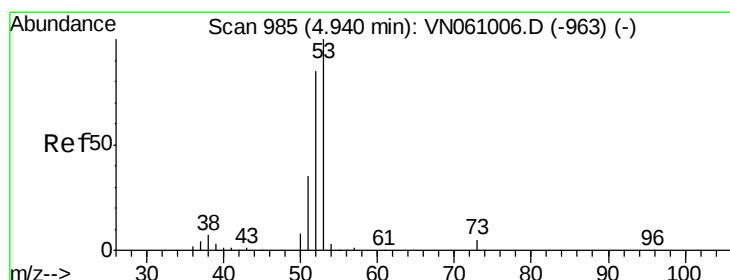
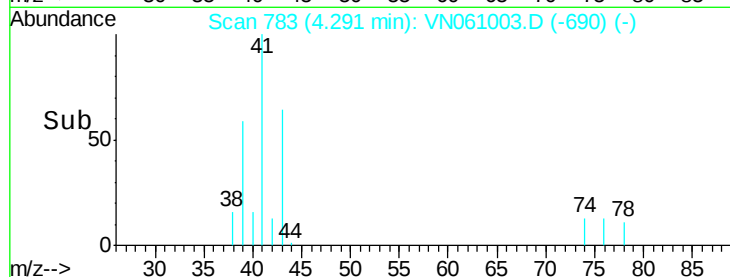
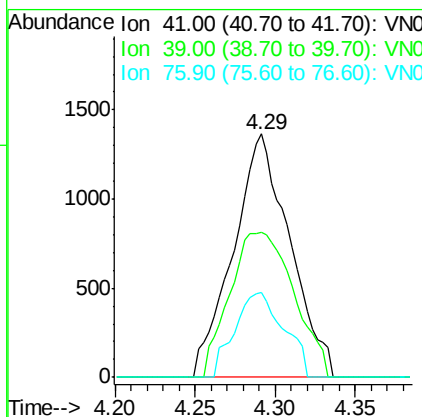
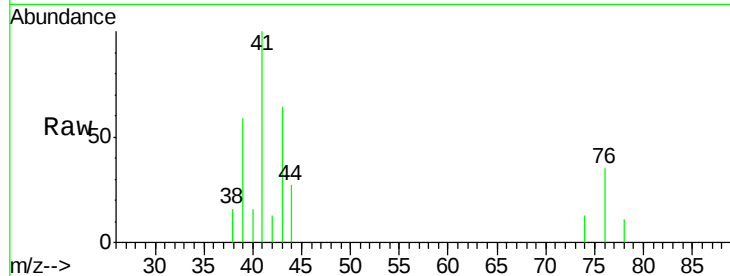
#14
Allvl chloride
Concen: 0.968 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
39	67.5	56.3	84.5
76	30.2	27.7	41.5

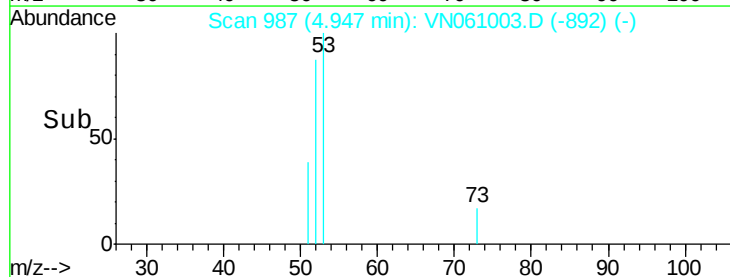
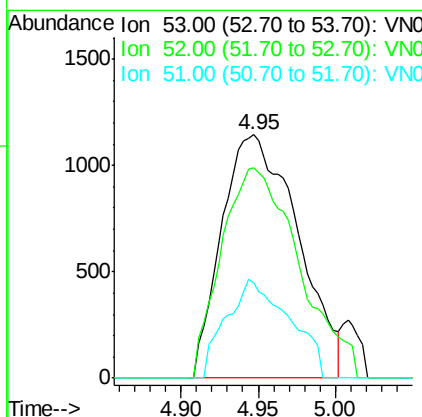
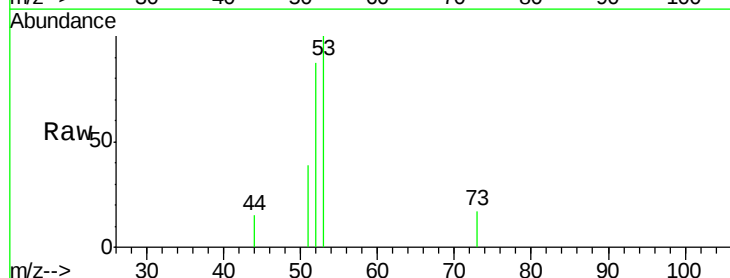
Manual Integrations
APPROVED

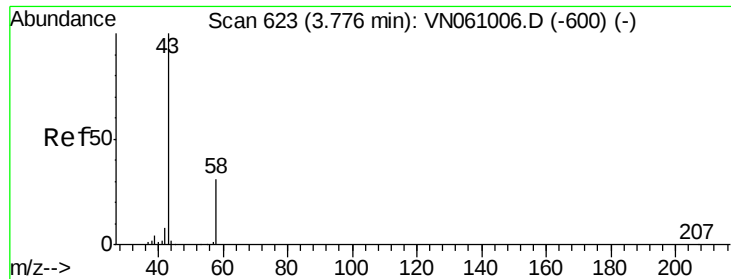
MMDadoda
4/17/2020 11:52:52 AM



#15
Acrylonitrile
Concen: 3.688 ug/l
RT: 4.95 min Scan# 987
Delta R.T. 0.01 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
53	100		
52	88.4	66.8	100.2
51	33.7	28.9	43.3





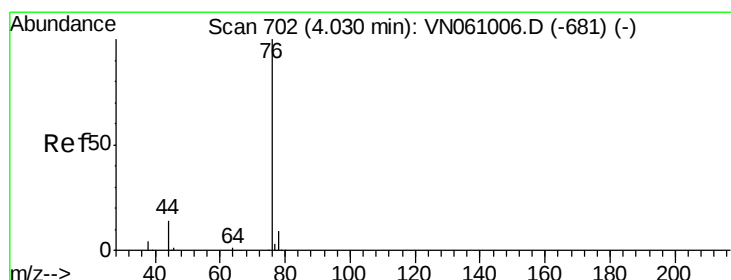
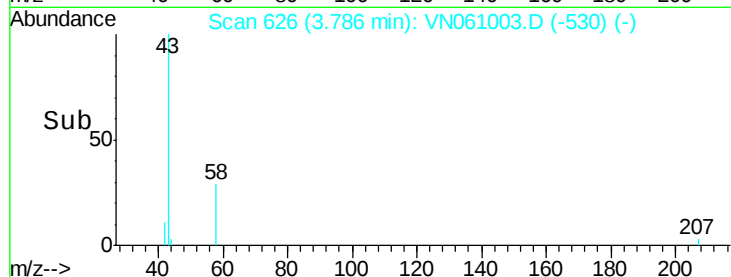
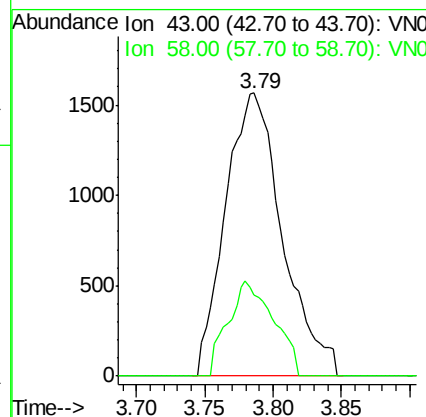
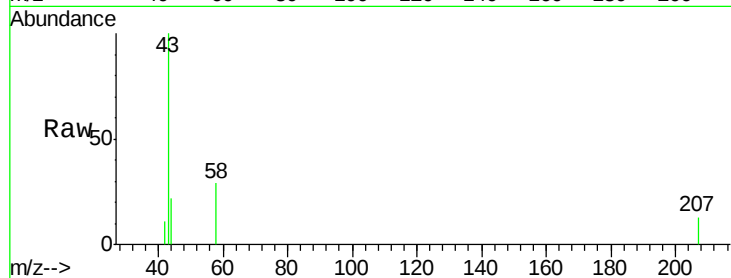
#16
Acetone
Concen: 5.098 ug/l
RT: 3.79 min Scan# 626
Delta R.T. 0.01 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 4549
Ion Ratio Lower Upper
43 100
58 28.8 24.6 37.0

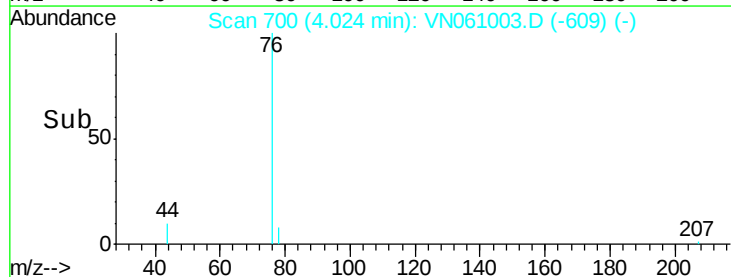
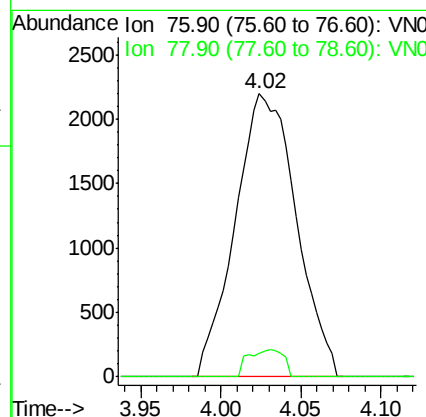
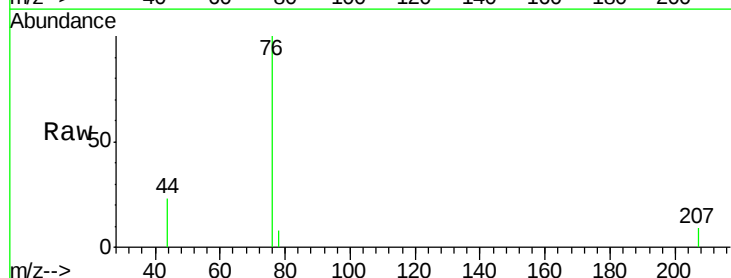
Manual Integrations
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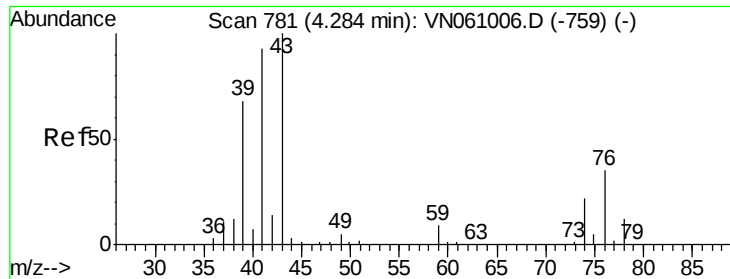
MMDadoda
4/17/2020 11:52:52 AM



#17
Carbon Disulfide
Concen: 0.981 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.01 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion: 76 Resp: 5741
Ion Ratio Lower Upper
76 100
78 8.3 7.6 11.4





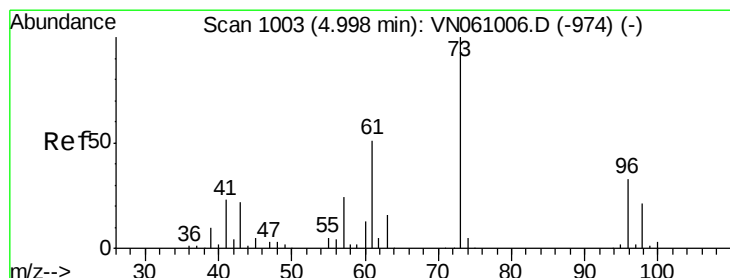
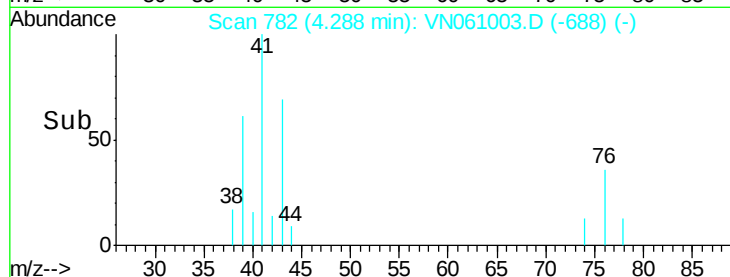
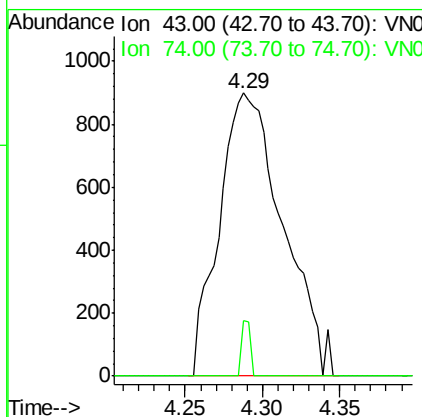
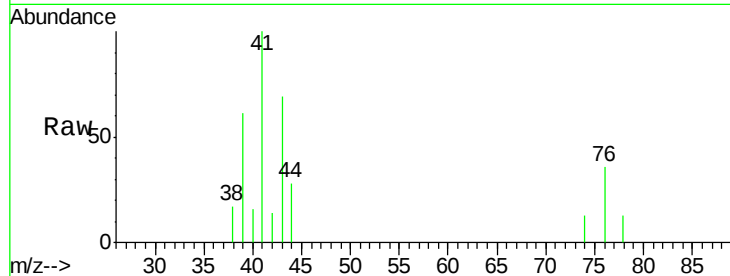
#18
Methyl Acetate
Concen: 1.011 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 2574
Ion Ratio Lower Upper
43 100
74 2.6 17.4 26.0#

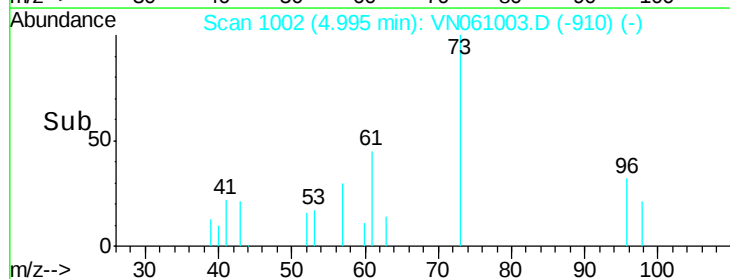
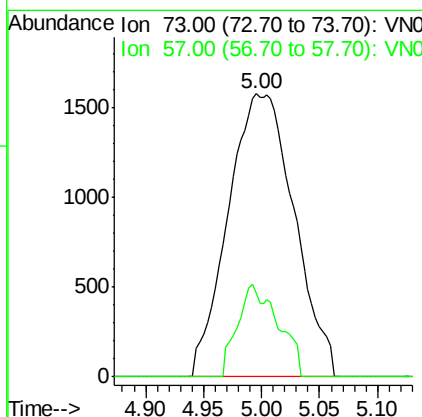
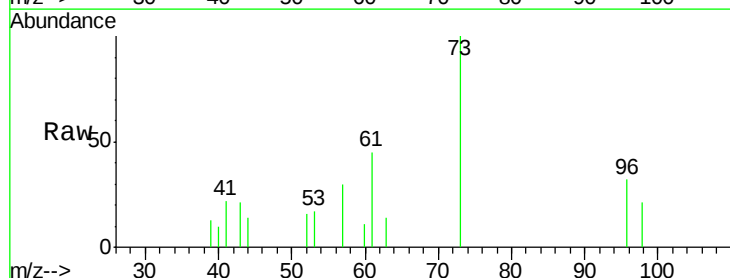
Manual Integrations
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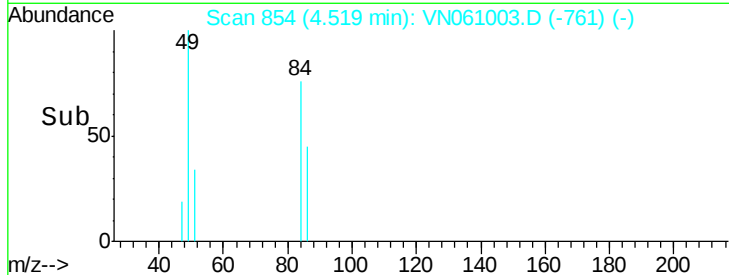
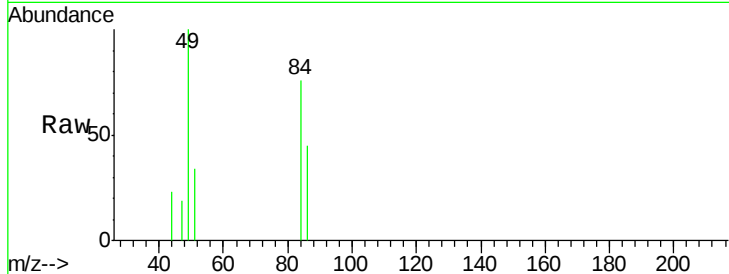
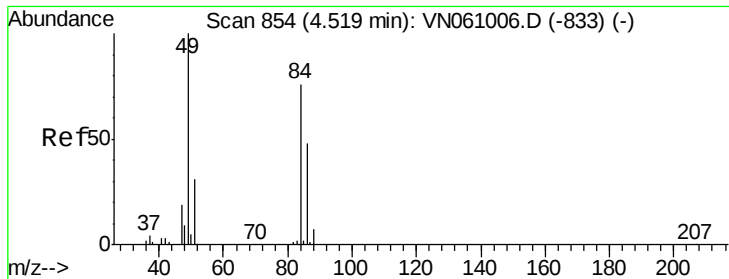
MMDadoda
4/17/2020 11:52:52 AM



#19
Methyl tert-butyl Ether
Concen: 0.944 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. -0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion: 73 Resp: 6246
Ion Ratio Lower Upper
73 100
57 29.7 19.0 28.4#





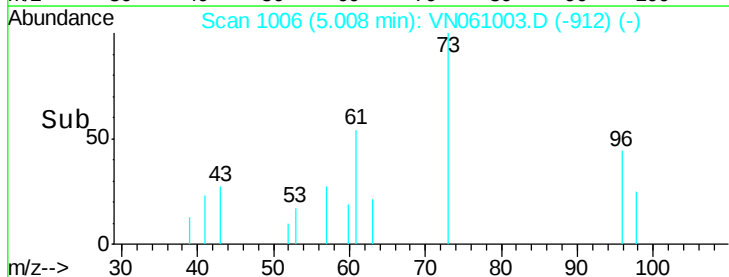
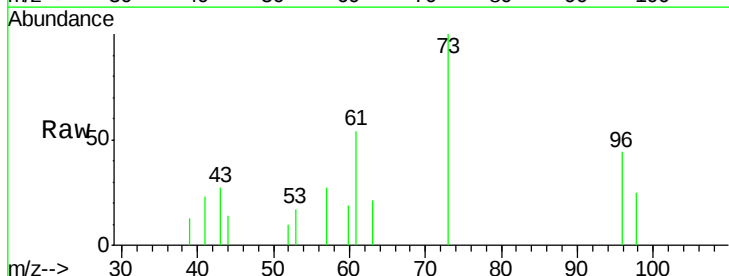
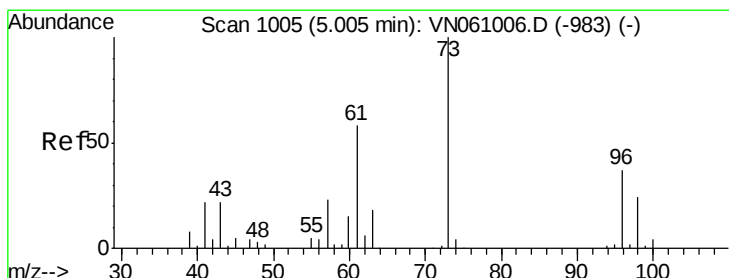
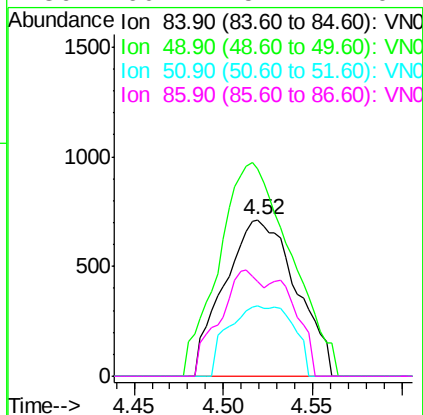
#20
Methvlene Chloride
Concen: 0.941 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tot Ion:	84	Resp:	1998
Ion	Ratio	Lower	Upper
84	100		
49	132.1	105.8	158.6
51	45.0	32.4	48.6
86	60.1	51.1	76.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

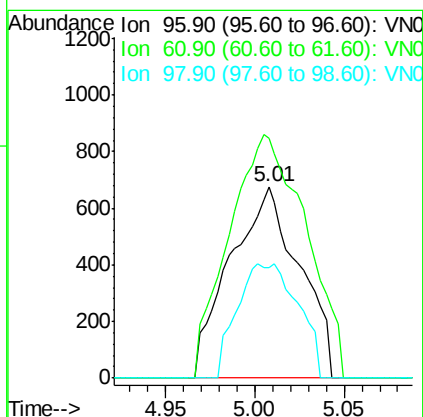
Manual Integrations
APPROVED

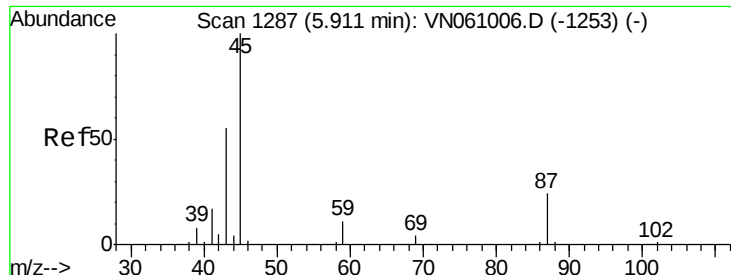
MMDadoda
4/17/2020 11:52:52 AM



#21
trans-1,2-Dichloroethene
Concen: 0.893 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion:	96	Resp:	1826
Ion	Ratio	Lower	Upper
96	100		
61	125.1	124.8	187.2
98	57.3	51.3	76.9





#22

Diisopropyl ether

Concen: 0.955 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. 0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Instrument :

MSVOA_N

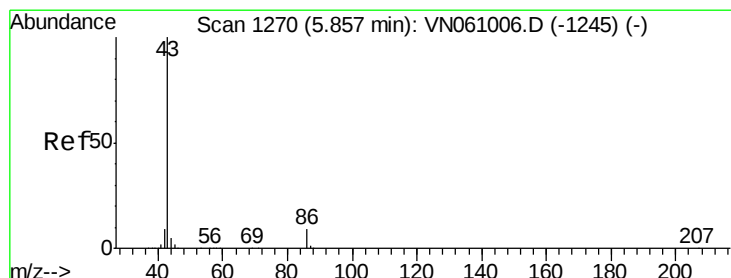
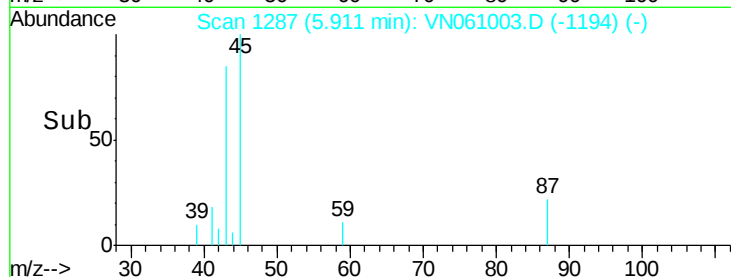
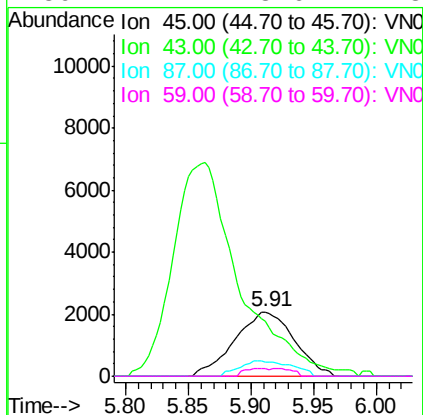
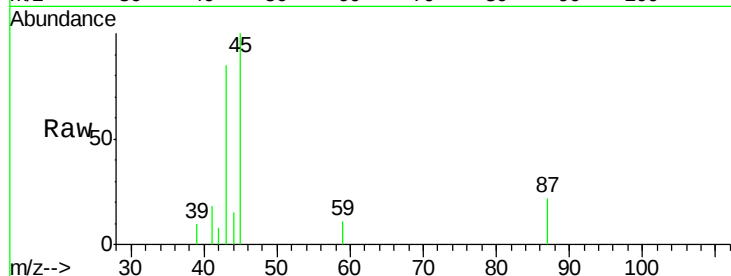
ClientSampleId :

VSTDIC001

Tot Ion:	45	Resp:	6853
Ion	Ratio	Lower	Upper
45	100		
43	75.3	48.6	72.8#
87	22.5	19.4	29.2
59	11.4	8.6	12.8

Manual Integrations
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4/17/2020 11:52:52 AM



#23

Vinyl Acetate

Concen: 4.389 ug/l

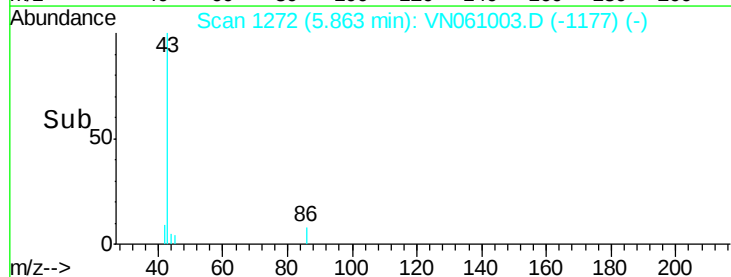
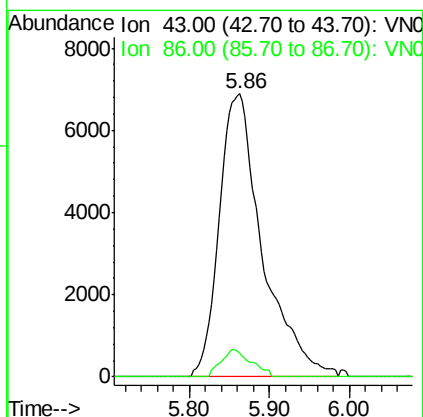
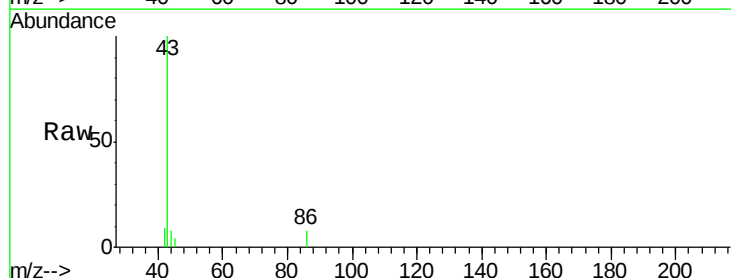
RT: 5.86 min Scan# 1272

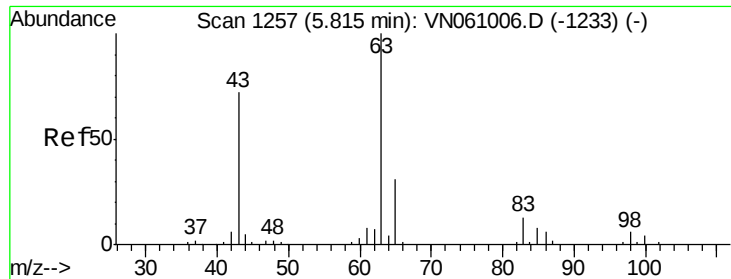
Delta R.T. 0.01 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Tgt Ion:	43	Resp:	25559
Ion	Ratio	Lower	Upper
43	100		
86	8.2	7.3	10.9





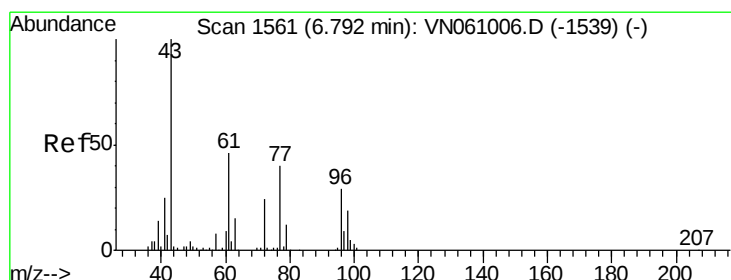
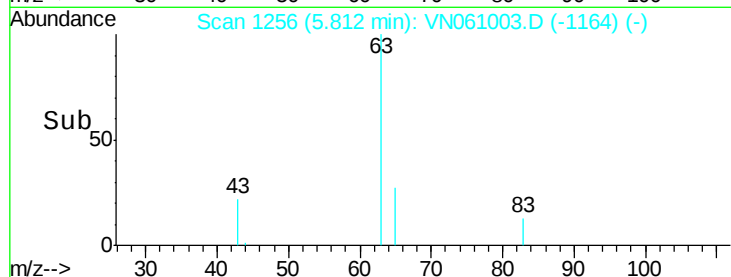
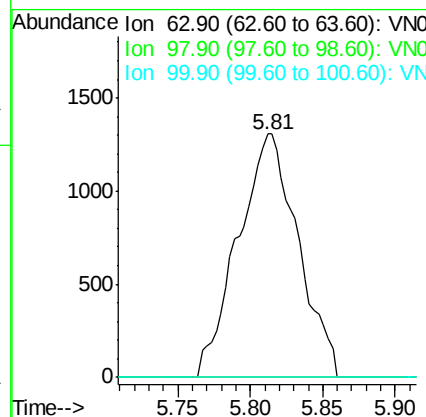
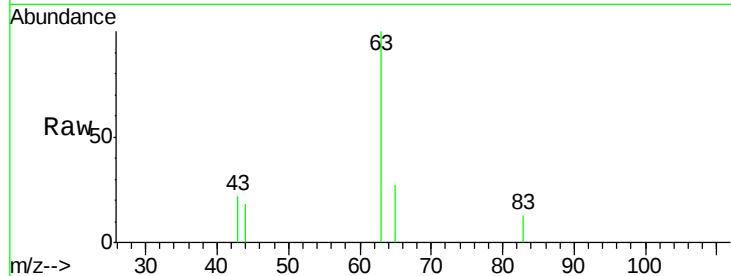
#24
 1,1-Dichloroethane
 Concen: 0.960 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
98	0.0	2.9	8.8#
100	0.0	2.0	5.8#

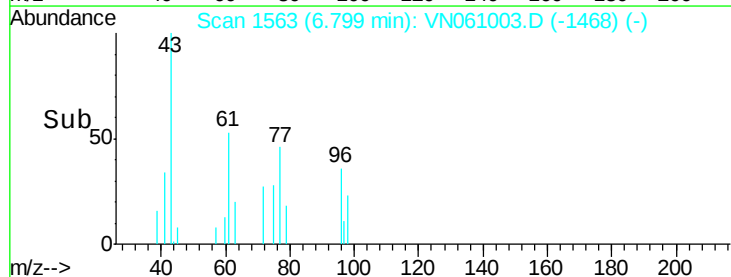
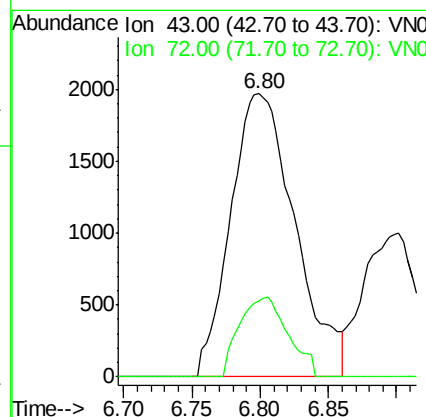
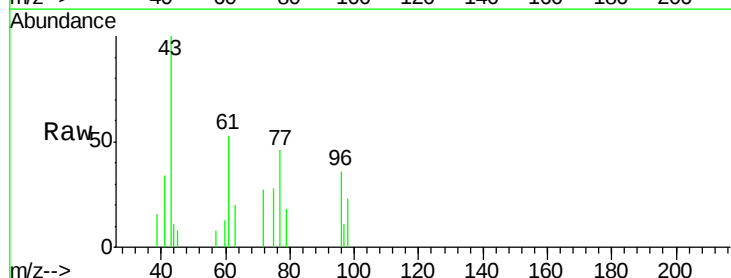
Manual Integrations
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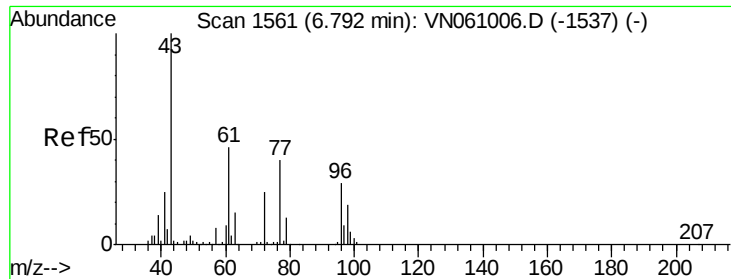
MMDadoda
 4/17/2020 11:52:52 AM



#25
 2-Butanone
 Concen: 4.550 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. 0.01 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
43	100		
72	26.8	19.6	29.4





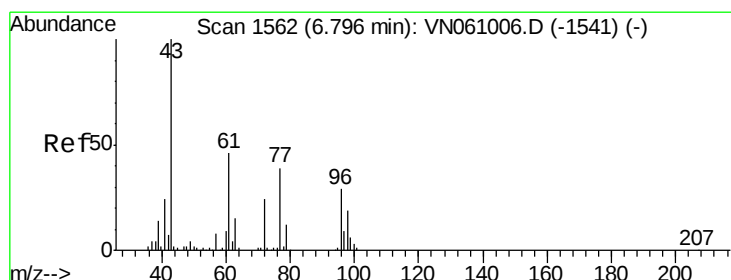
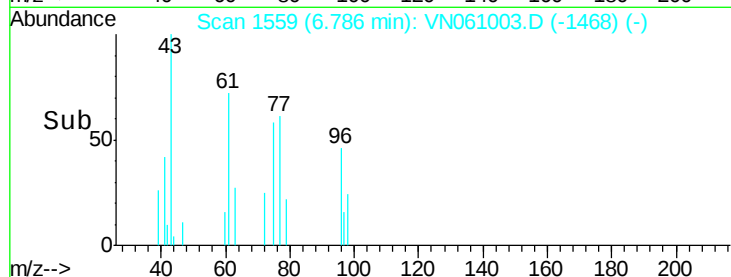
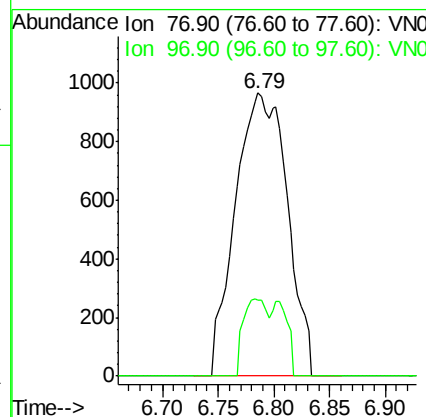
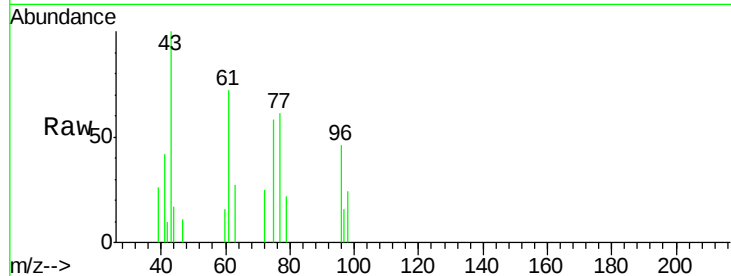
#26
 2,2-Dichloropropane
 Concen: 0.999 ug/l m
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 77 Resp: 3123
 Ion Ratio Lower Upper
 77 100
 97 12.7 11.2 33.6

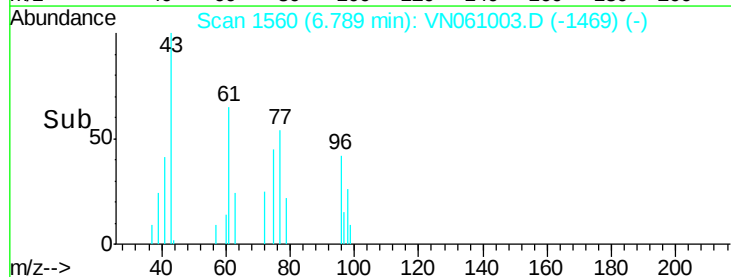
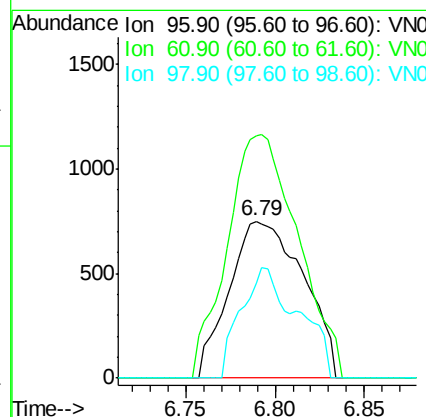
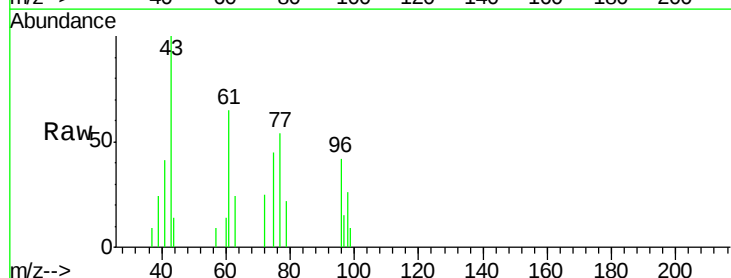
Manual Integrations
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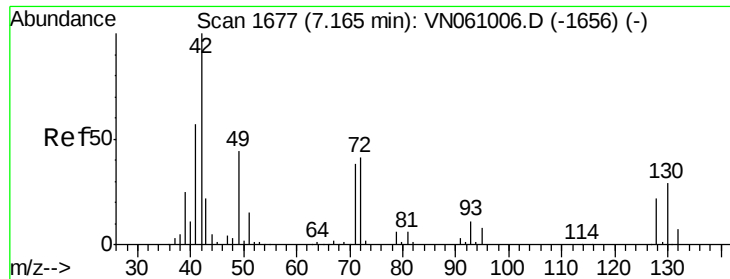
MMDadoda
 4/17/2020 11:52:52 AM



#27
 cis-1,2-Dichloroethene
 Concen: 0.933 ug/l
 RT: 6.79 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tgt Ion: 96 Resp: 2174
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 317.4
 98 54.0 0.0 127.8





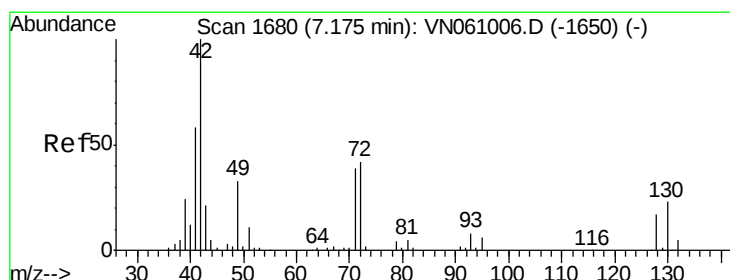
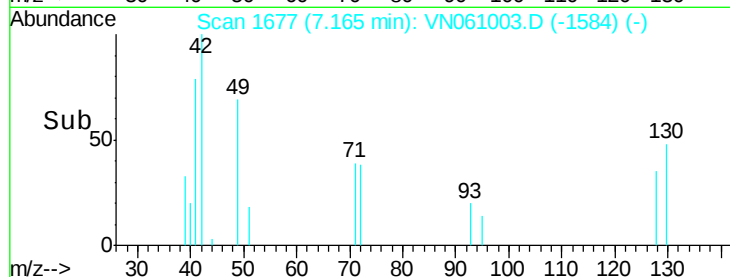
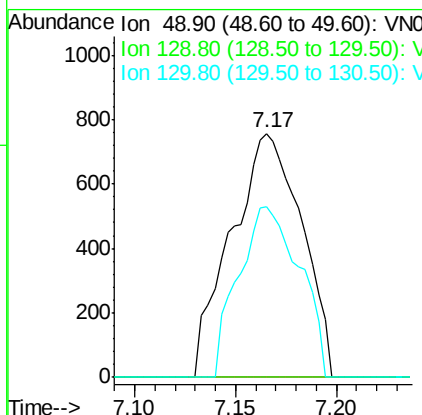
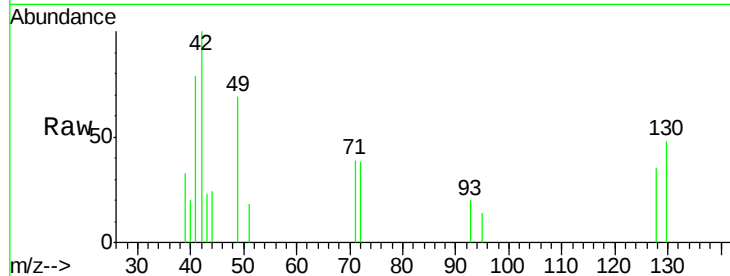
#28
 Bromochloromethane
 Concen: 0.986 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.0
130	61.0	52.9	79.3

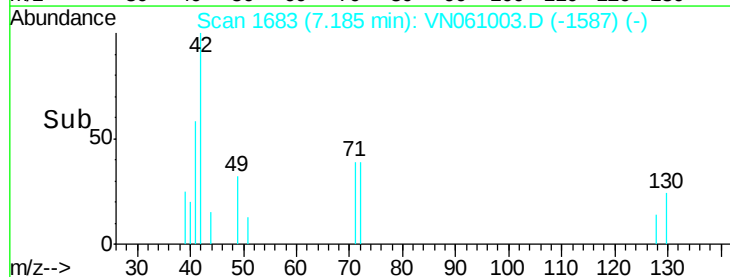
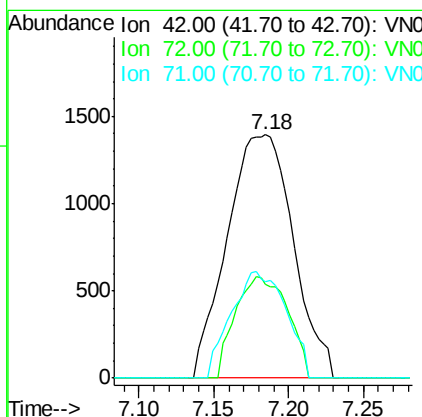
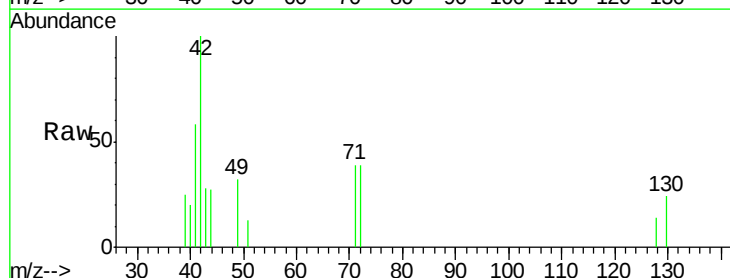
Manual Integrations
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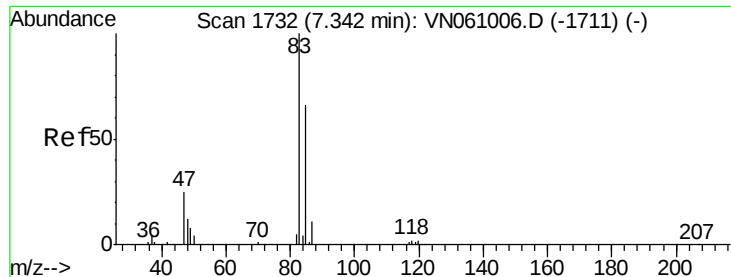
MMDadoda
 4/17/2020 11:52:52 AM



#29
 Tetrahydrofuran
 Concen: 4.303 ug/l
 RT: 7.18 min Scan# 1683
 Delta R.T. 0.01 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
42	100		
72	33.2	32.1	48.1
71	36.4	30.5	45.7





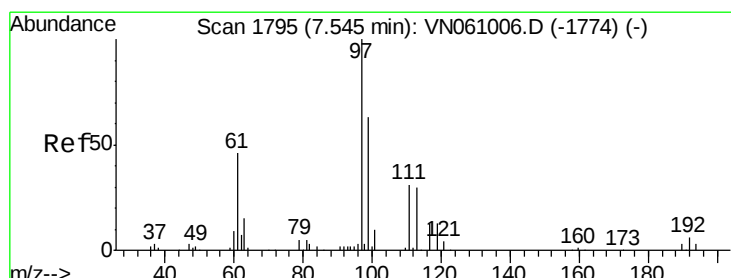
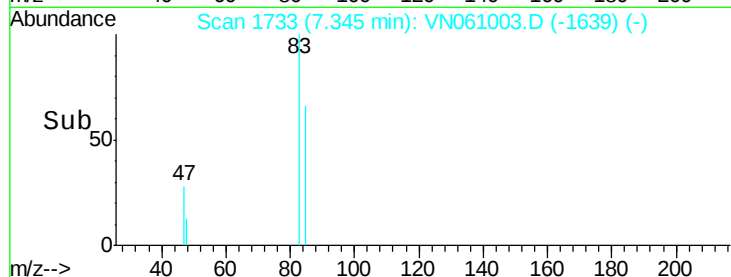
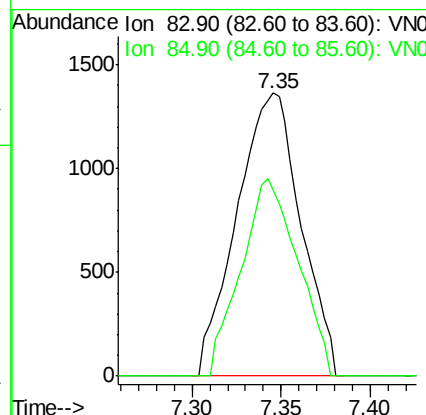
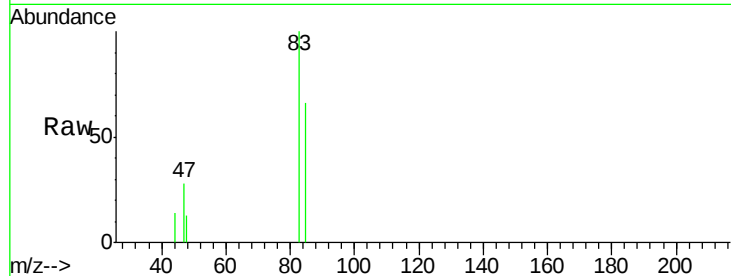
#30
Chloroform
Concen: 0.911 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	83	85	Ratio	Lower	Upper
3408	100	65.8		52.8	79.2

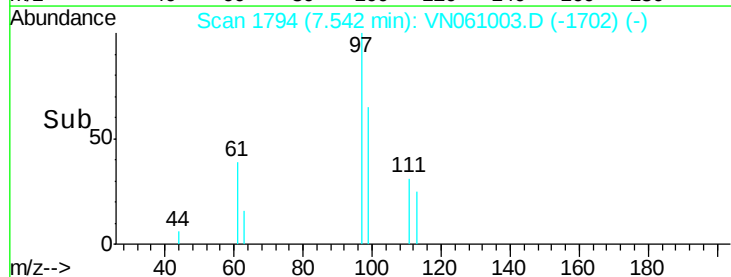
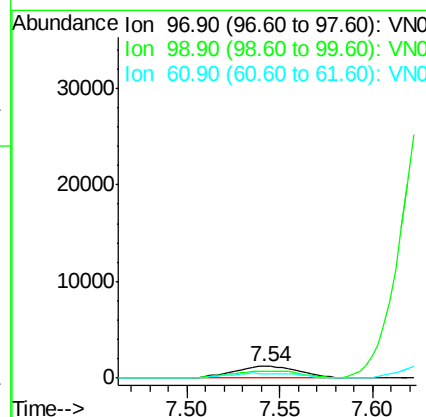
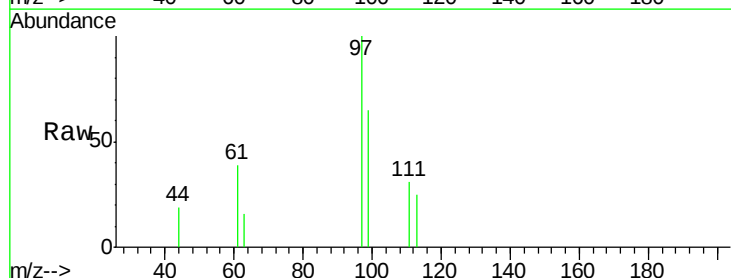
Manual Integrations
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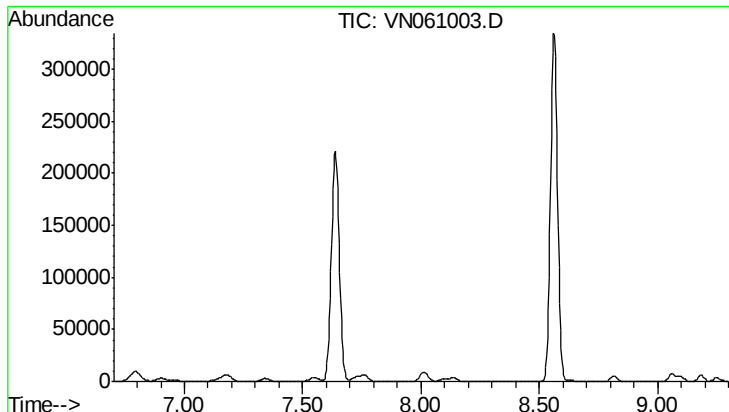
MMDadoda
4/17/2020 11:52:52 AM



#32
1,1,1-Trichloroethane
Concen: 0.931 ug/l
RT: 7.54 min Scan# 1794
Delta R.T. -0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	97	99	61	Ratio	Lower	Upper
2988	100	0.0	43.1		51.0	76.4#





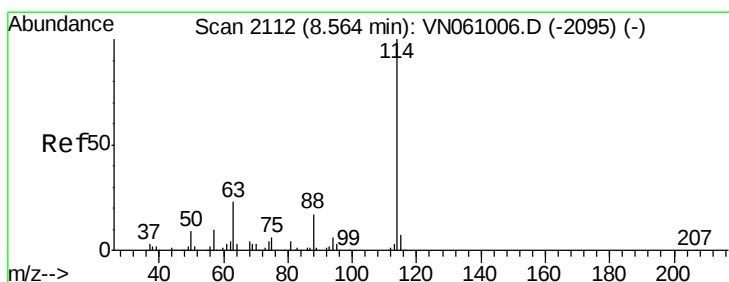
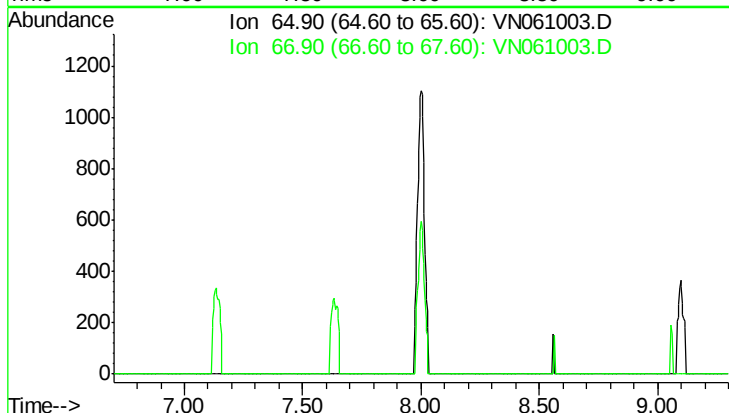
#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tot Ion: 65
 Sig Exp Ratio
 65 100
 67 53.5

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

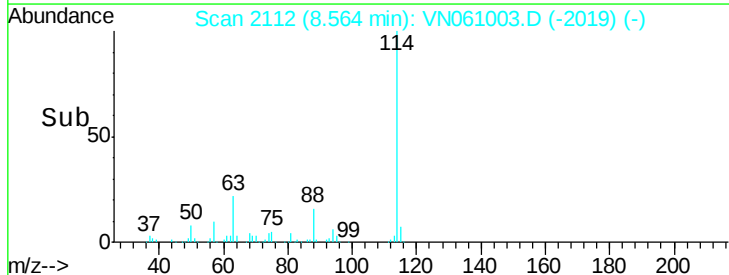
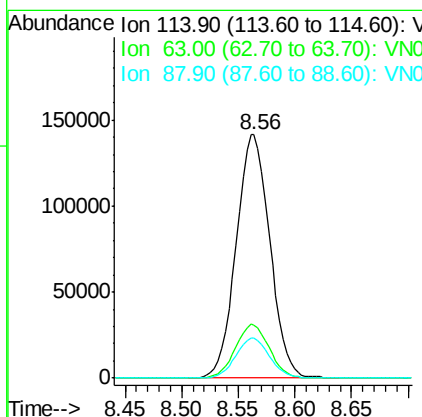
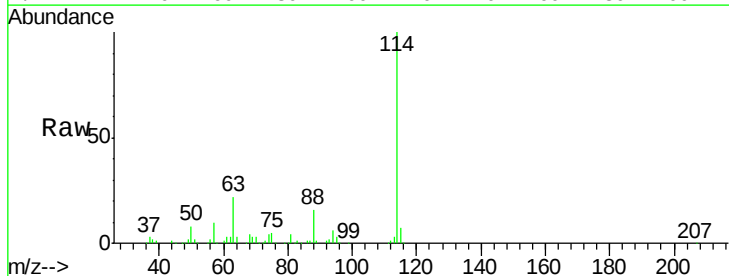
Manual Integrations
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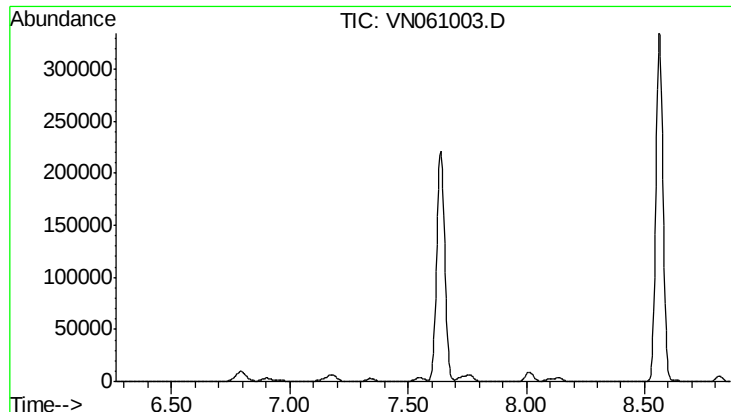
MMDadoda
 4/17/2020 11:52:52 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	293518		
63	22.0		0.0	46.2
88	16.4		0.0	33.4





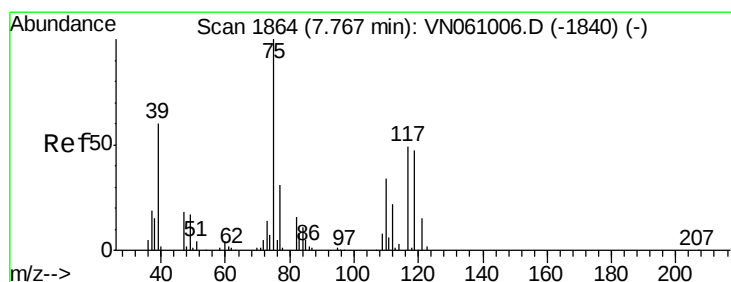
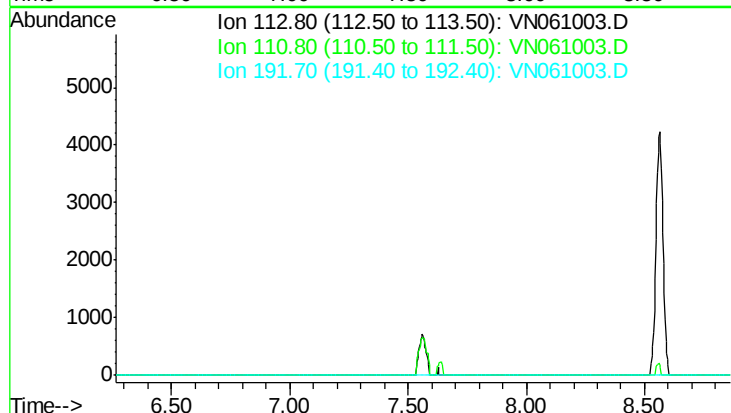
#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.56 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tot Ion: 113
 Sig Exp Ratio
 113 100
 111 104.3
 192 19.4

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

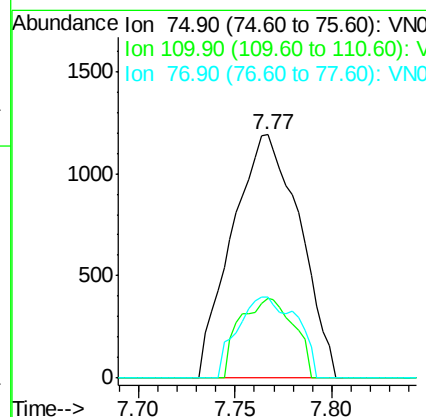
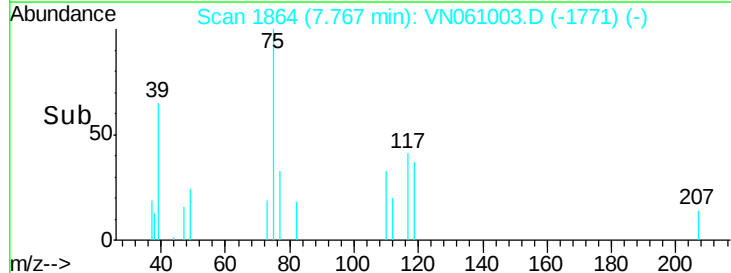
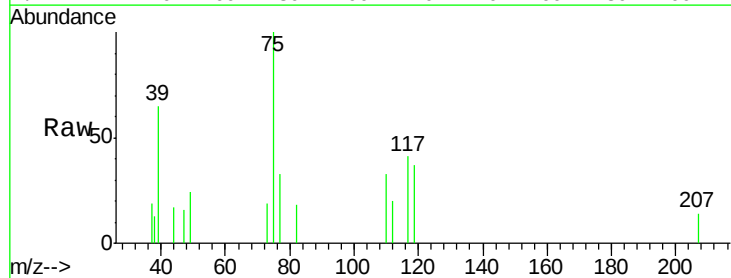
Manual Integrations
 APPROVED

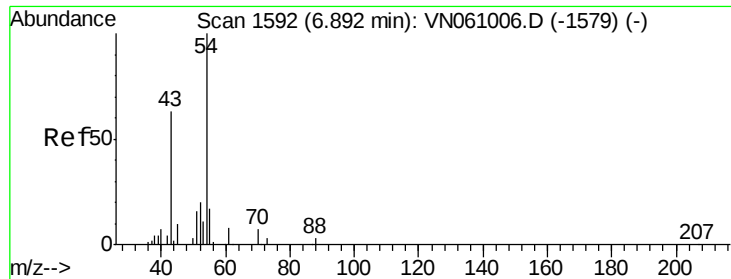
MMDadoda
 4/17/2020 11:52:52 AM



#36
 1,1-Dichloropropene
 Concen: 1.012 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tgt Ion: 75 Resp: 2898
 Ion Ratio Lower Upper
 75 100
 110 25.8 16.8 50.3
 77 29.1 24.7 37.1





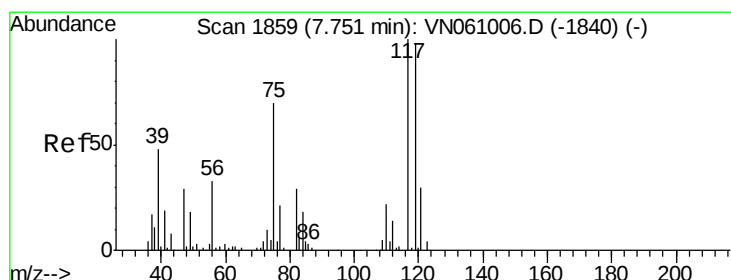
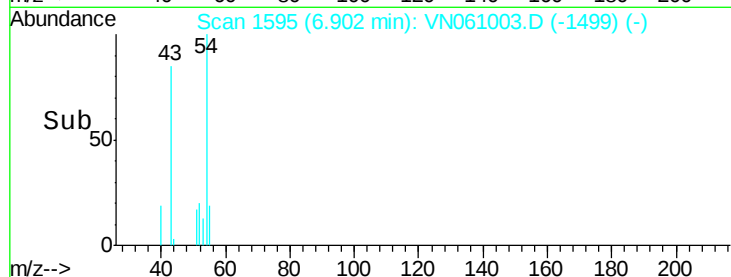
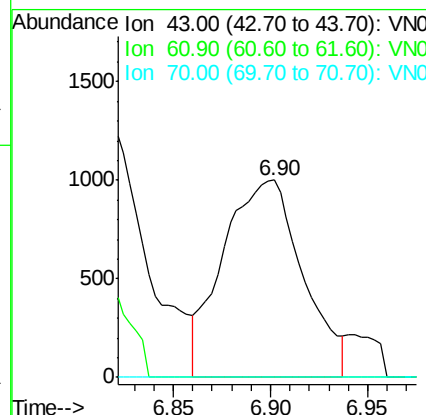
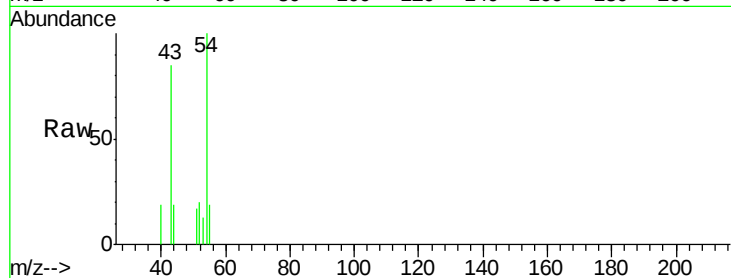
#37
Ethyl Acetate
Concen: 0.921 ug/l m
RT: 6.90 min Scan# 1595
Delta R.T. 0.01 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	7.7	11.5#

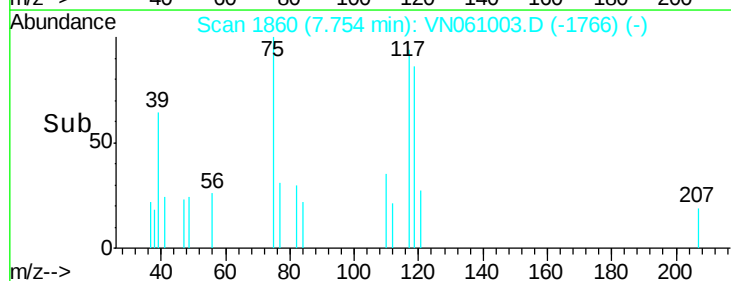
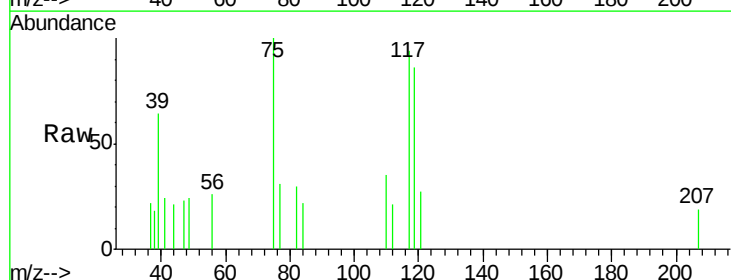
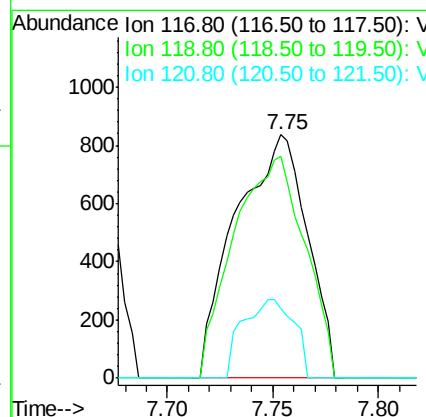
Manual Integrations
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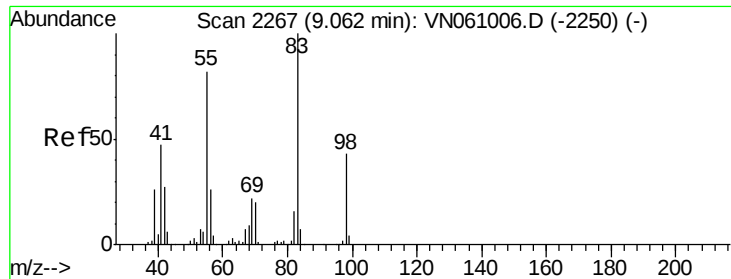
MMDadoda
4/17/2020 11:52:52 AM



#38
Carbon Tetrachloride
Concen: 0.772 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	78.1	117.1
121	28.8	24.0	36.0





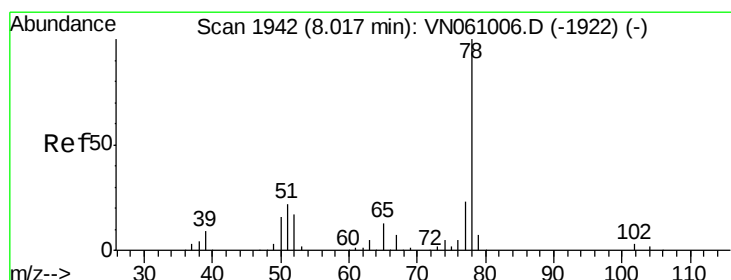
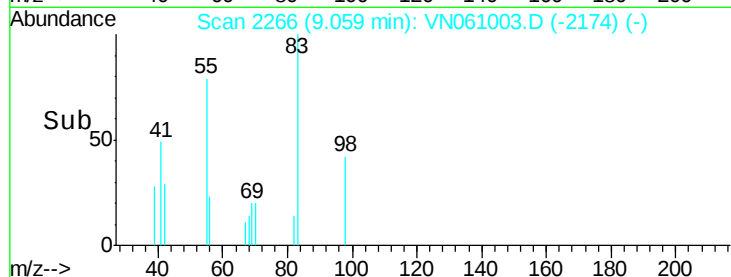
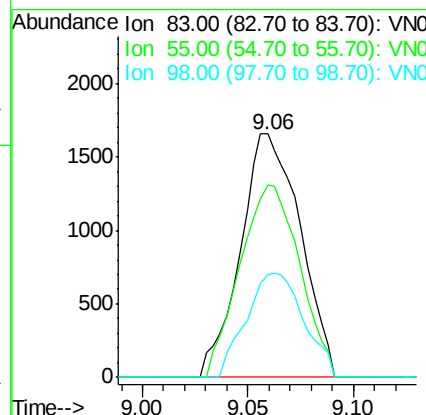
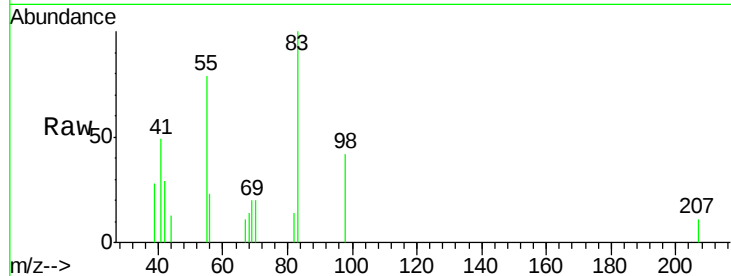
#39
Methvlcvclohexane
Concen: 0.955 ug/l
RT: 9.06 min Scan# 2266
Delta R.T. -0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.1	65.4	98.0
98	42.1	34.6	51.8

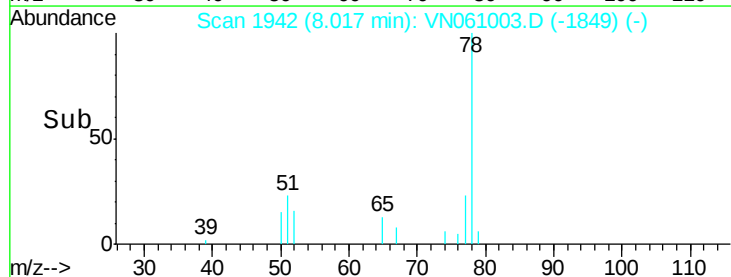
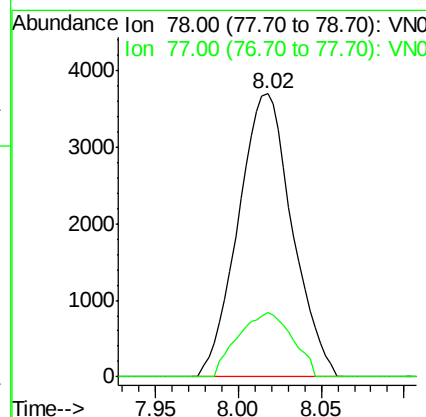
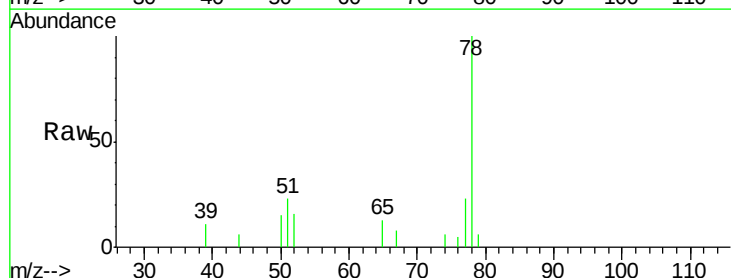
Manual Integrations
APPROVED

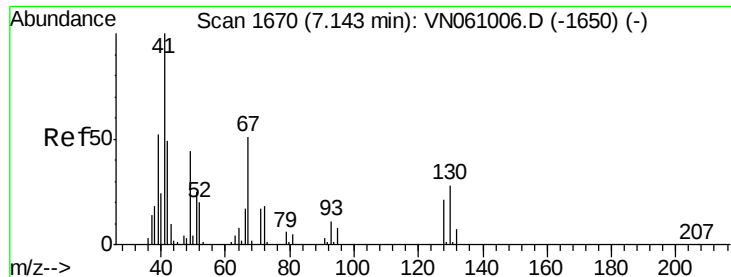
MMDadoda
4/17/2020 11:52:52 AM



#40
Benzene
Concen: 0.972 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.8	28.2





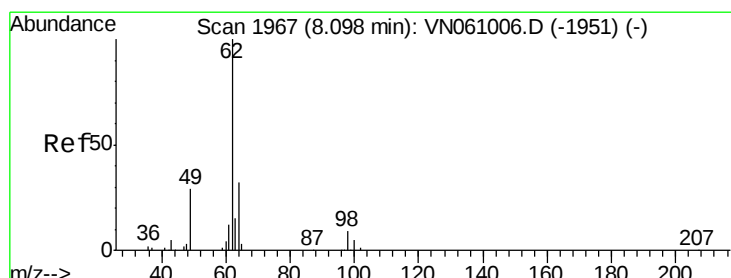
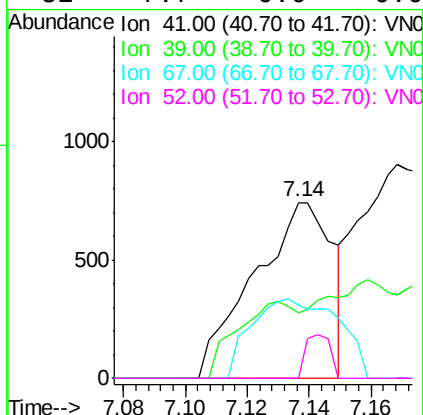
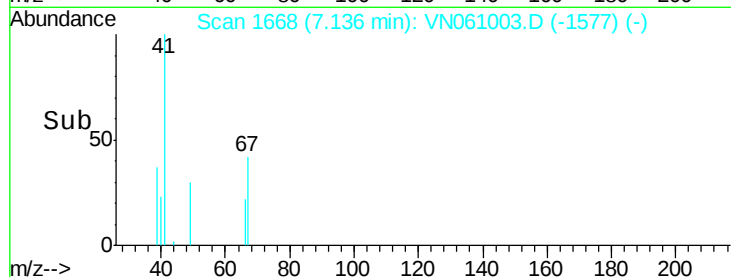
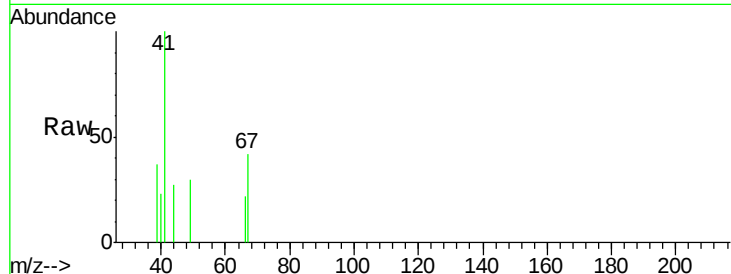
#41
Methacrylonitrile
Concen: 0.983 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	33.5	0.0	0.0#		
67	0.0	0.0	0.0		
52	7.7	0.0	0.0#		

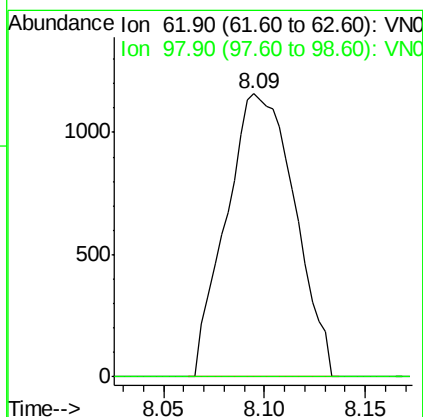
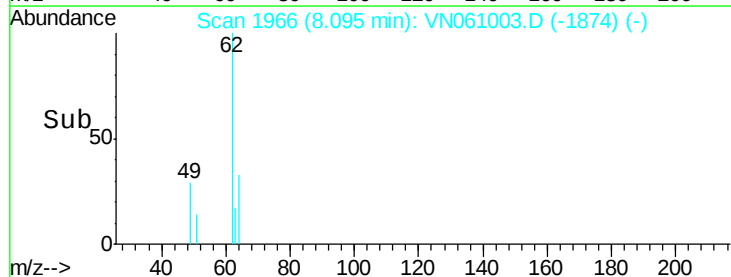
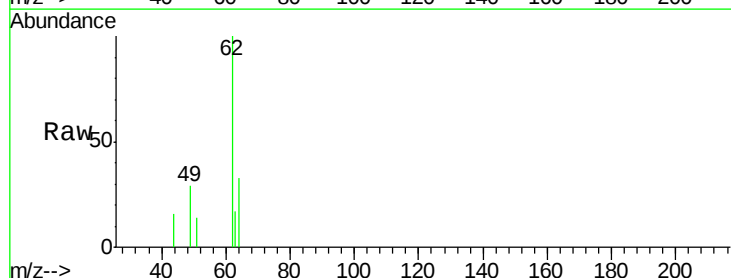
Manual Integrations
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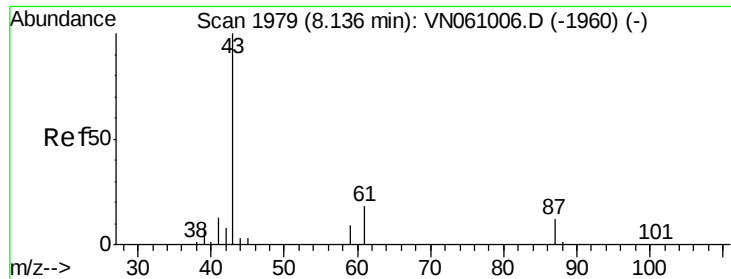
MMDadoda
4/17/2020 11:52:52 AM



#42
1,2-Dichloroethane
Concen: 0.926 ug/l
RT: 8.09 min Scan# 1966
Delta R.T. -0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	0.0	0.0	17.2		





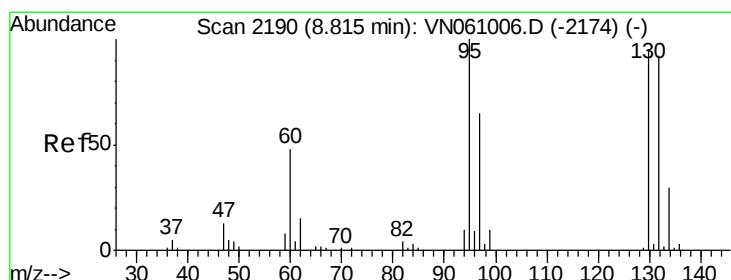
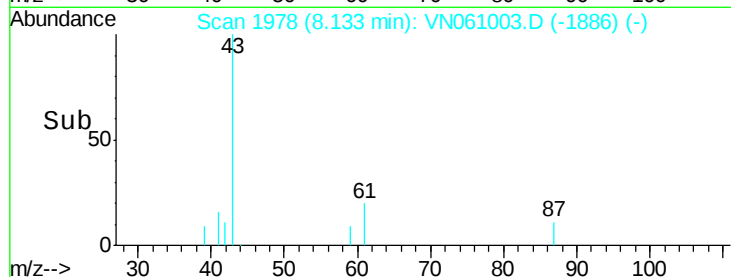
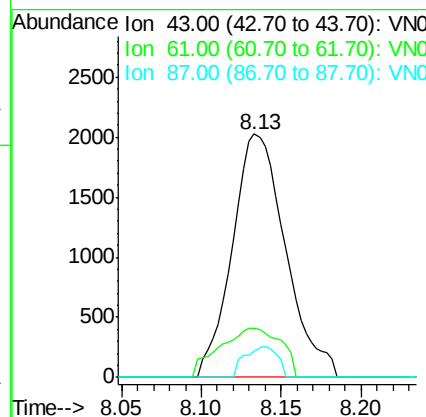
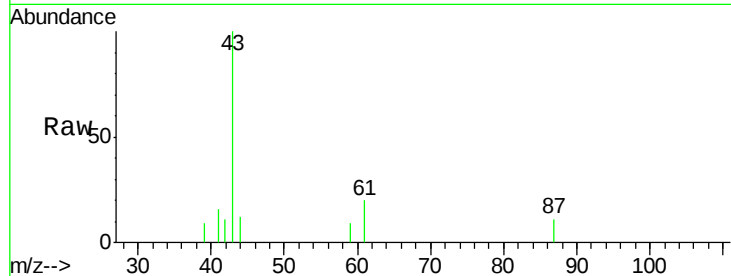
#43
Isopropyl Acetate
Concen: 0.903 ug/l
RT: 8.13 min Scan# 1978
Delta R.T. -0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.4	20.3	30.5
87	7.7	9.4	14.2

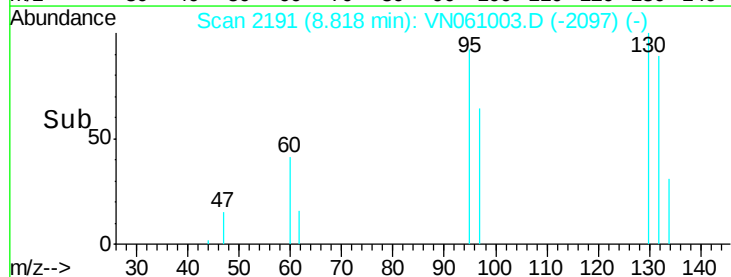
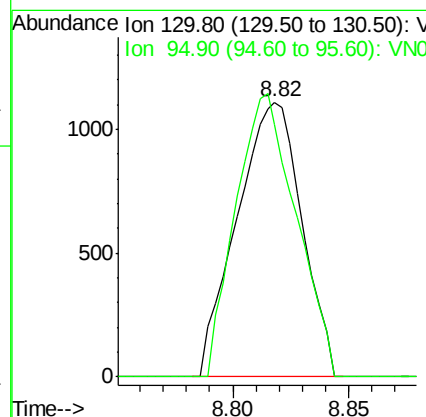
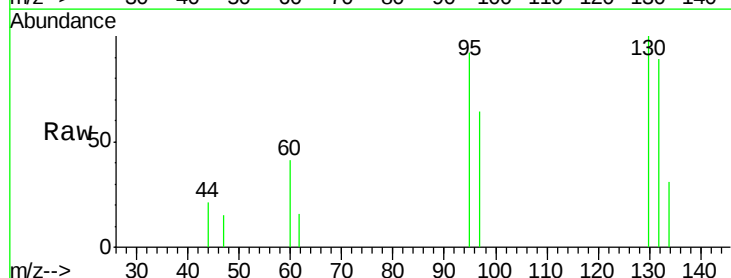
Manual Integrations
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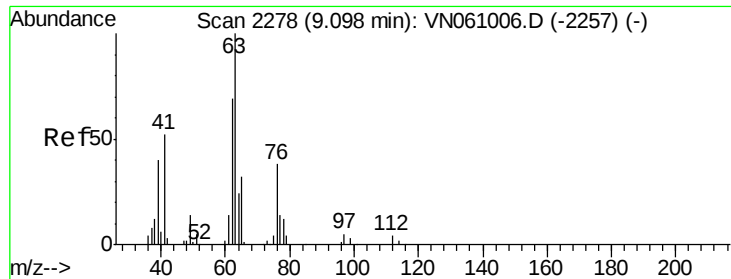
MMDadoda
4/17/2020 11:52:52 AM



#44
Trichloroethene
Concen: 0.994 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	210.0





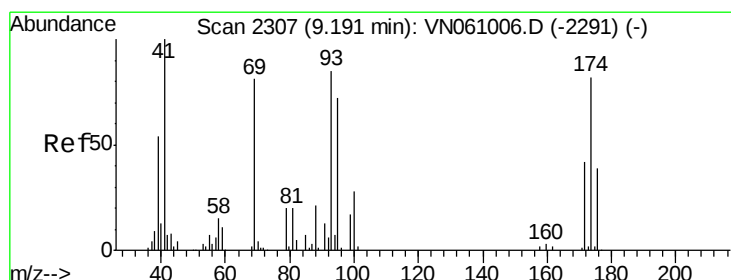
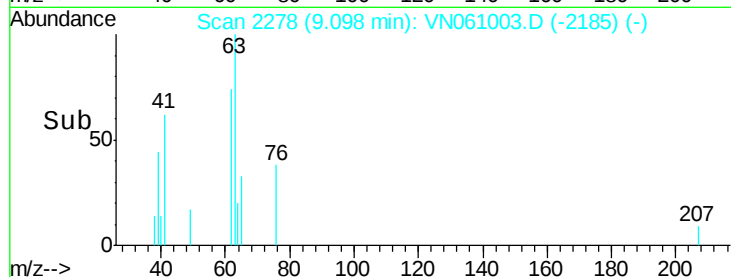
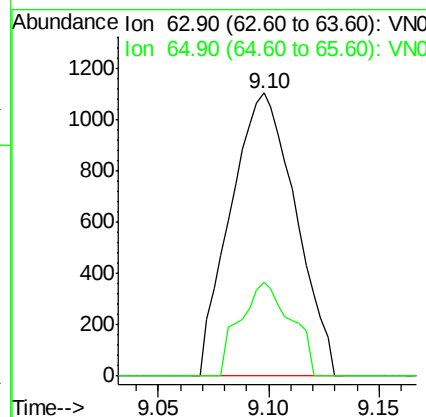
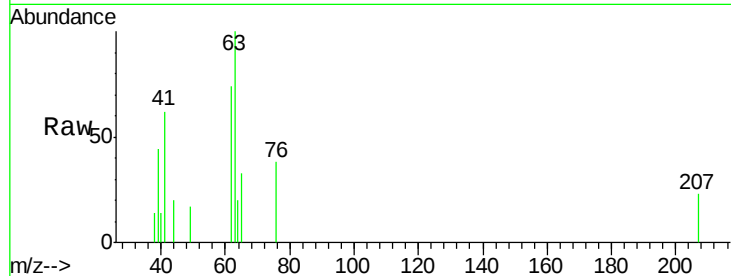
#45
 1,2-Dichloropropane
 Concen: 0.990 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC001

Tot Ion: 63 Resp: 2261
 Ion Ratio Lower Upper
 63 100
 65 33.3 25.2 37.8

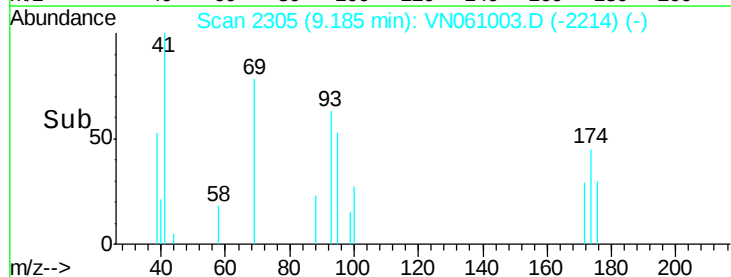
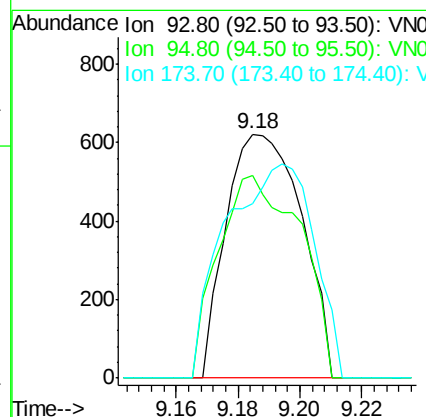
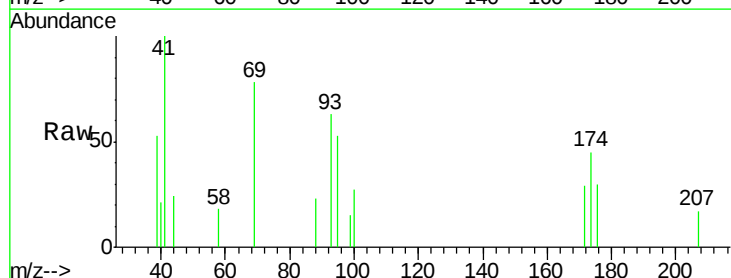
Manual Integrations
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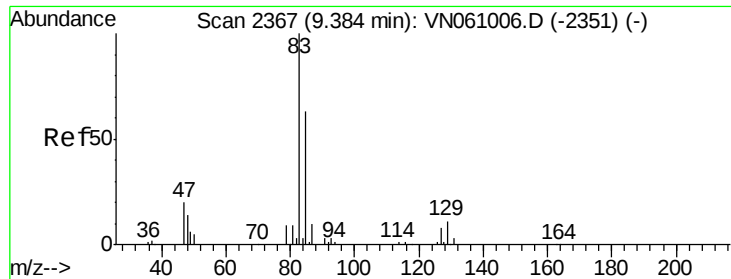
MMDadoda
 4/17/2020 11:52:52 AM



#46
 Dibromomethane
 Concen: 0.767 ug/l
 RT: 9.18 min Scan# 2305
 Delta R.T. -0.01 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tgt Ion: 93 Resp: 1054
 Ion Ratio Lower Upper
 93 100
 95 90.3 66.8 100.2
 174 102.8 76.2 114.4





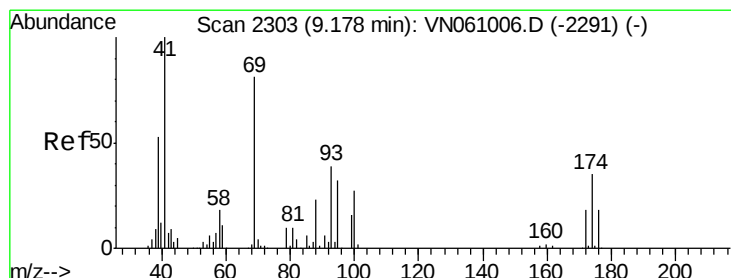
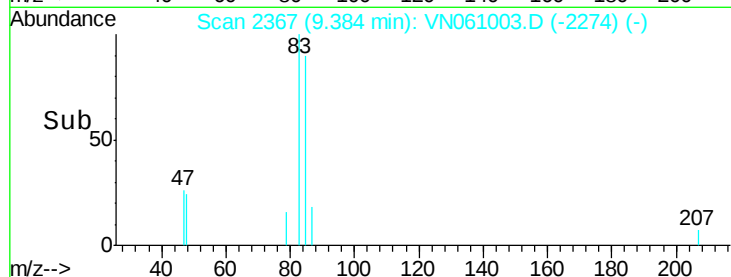
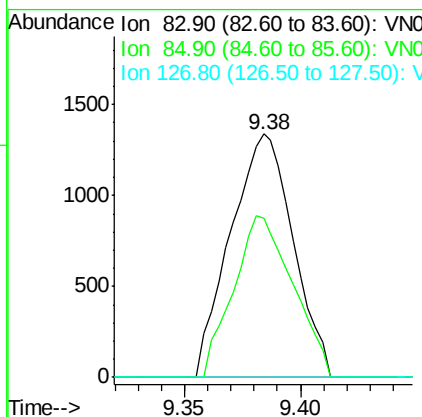
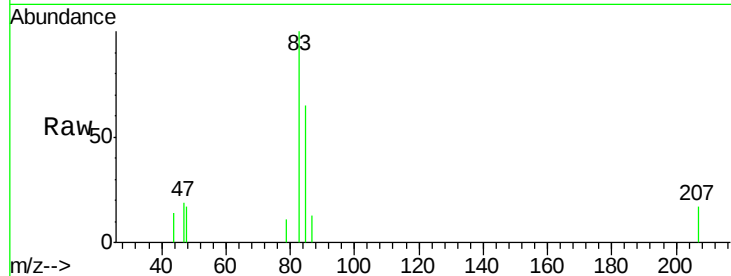
#47
Bromodichloromethane
Concen: 0.875 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.6	76.0
127	0.0	6.1	9.1#

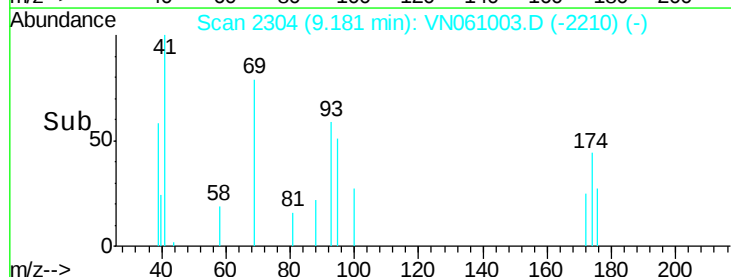
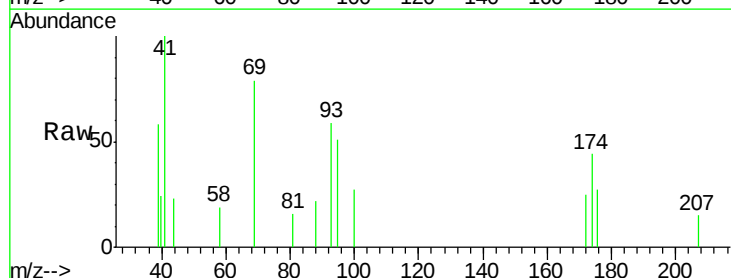
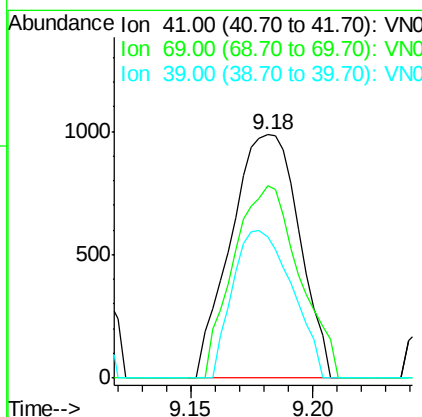
Manual Integrations
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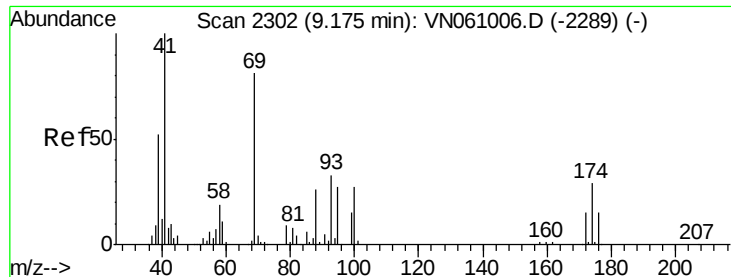
MMDadoda
4/17/2020 11:52:52 AM



#48
Methyl methacrylate
Concen: 0.839 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
41	100		
69	76.3	65.3	97.9
39	52.7	45.2	67.8





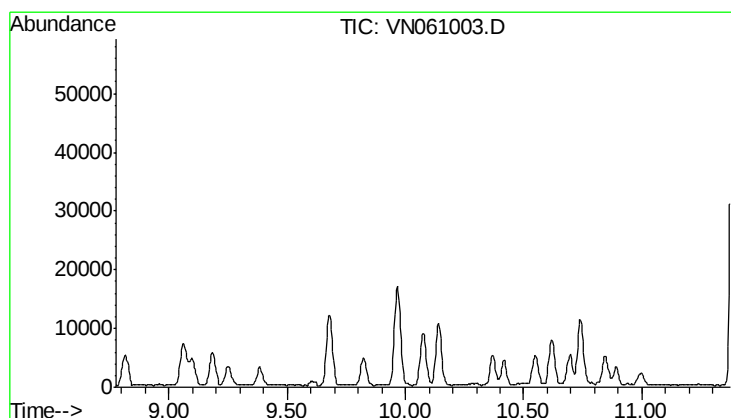
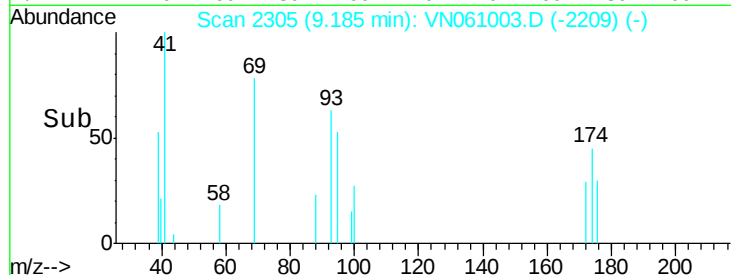
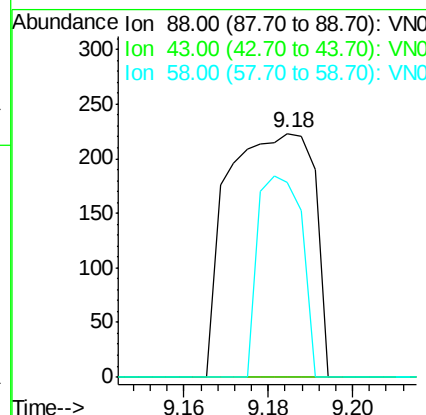
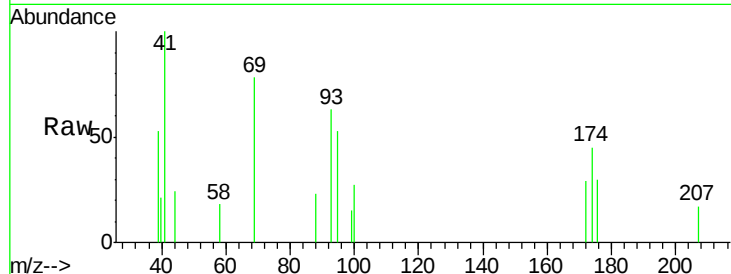
#49
1,4-Dioxane
Concen: 11.531 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.01 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	30.9	46.3#
58	41.6	59.8	89.8#

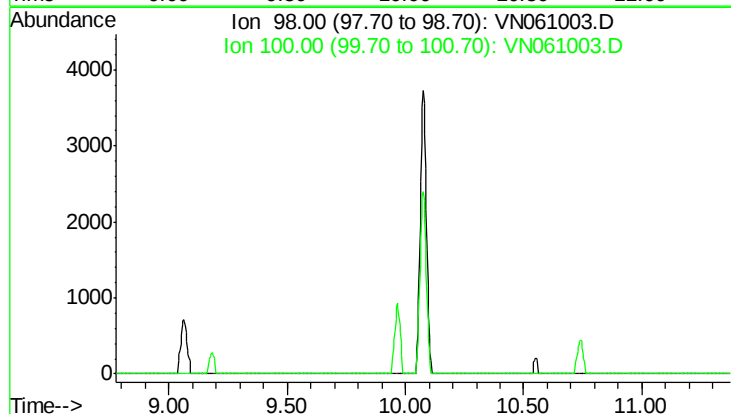
Manual Integrations
APPROVED

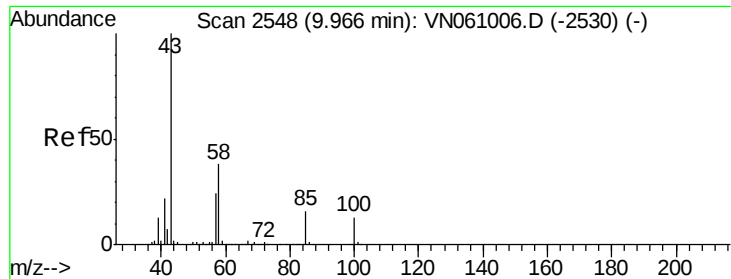
MMDadoda
4/17/2020 11:52:52 AM



#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.08 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	Sig	Exp Ratio
98	100	
100	64.9	





#51

4-Methyl-2-Pentanone

Concen: 4.391 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. 0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Instrument :

MSVOA_N

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 12808

Ion Ratio Lower Upper

43 100

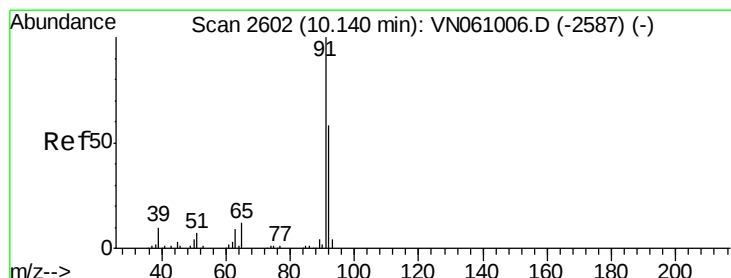
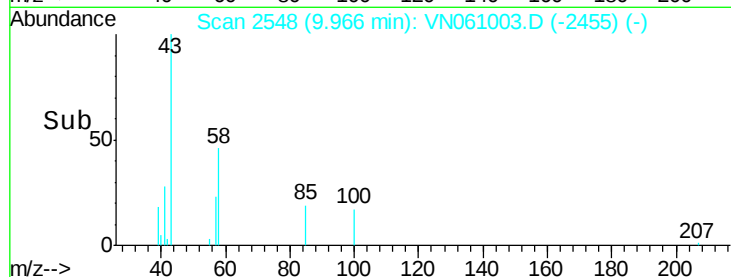
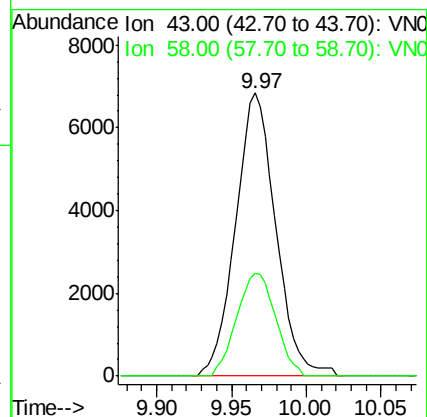
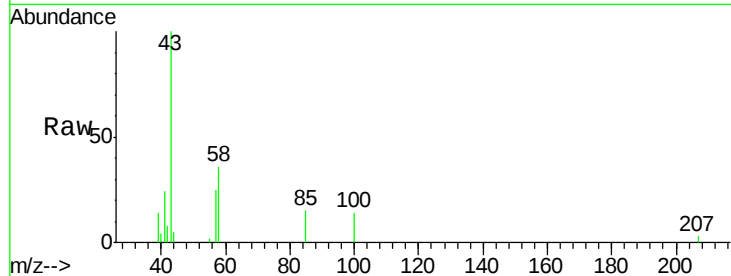
58 34.9 30.3 45.5

Manual Integrations

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MMDadoda

4/17/2020 11:52:52 AM



#52

Toluene

Concen: 0.967 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN061003.D

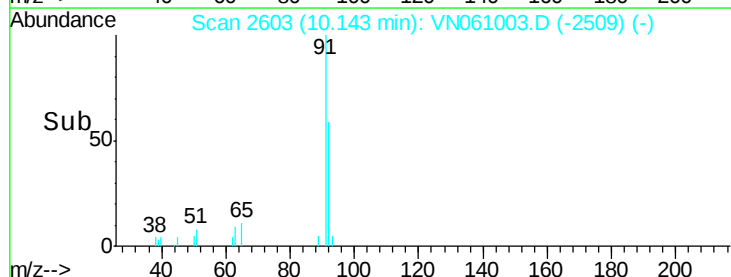
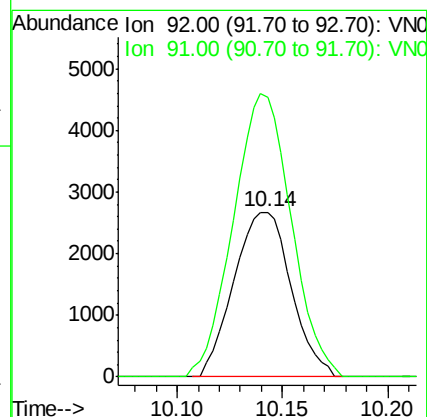
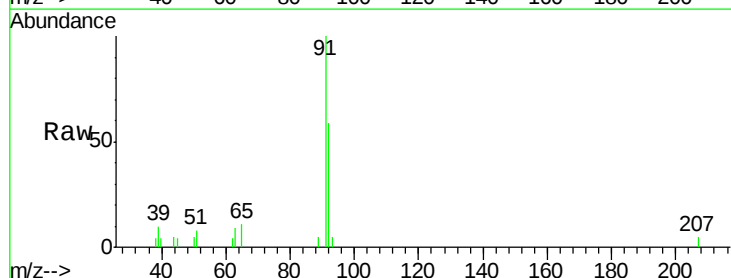
Acq: 16 Apr 2020 11:11

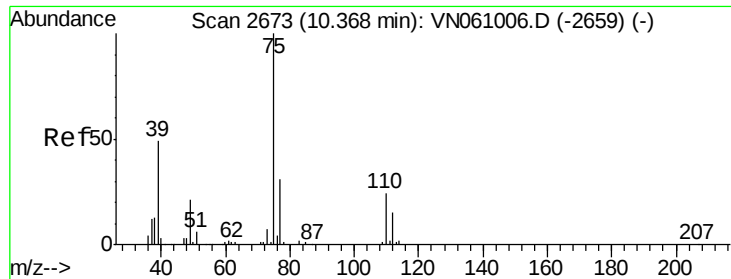
Tgt Ion: 92 Resp: 5042

Ion Ratio Lower Upper

92 100

91 173.4 137.7 206.5





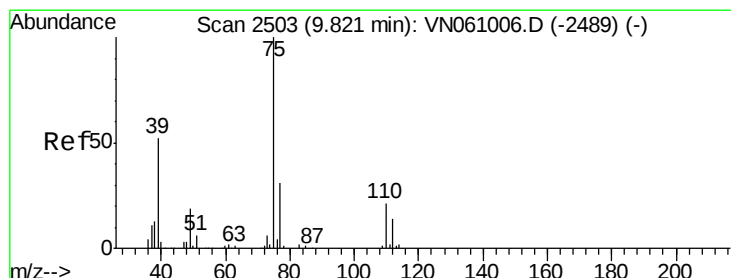
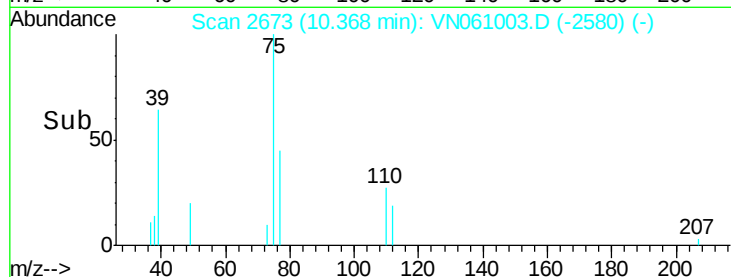
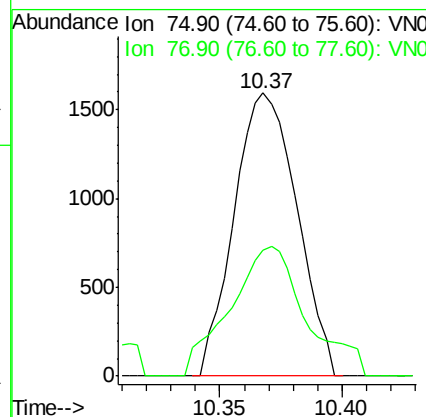
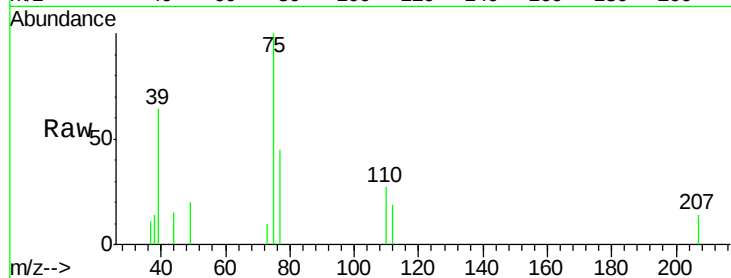
#53
t-1,3-Dichloropropene
Concen: 0.864 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 75 Resp: 2847
Ion Ratio Lower Upper
75 100
77 34.5 25.0 37.6

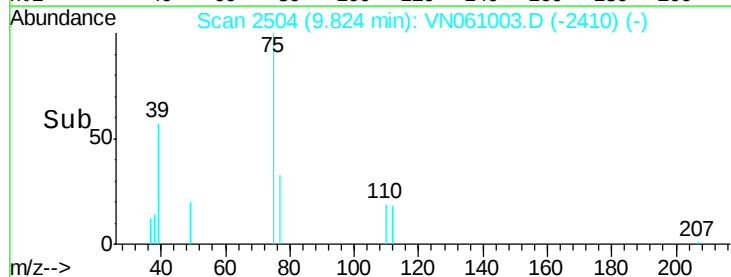
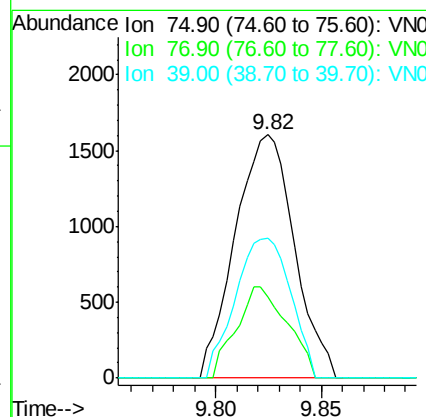
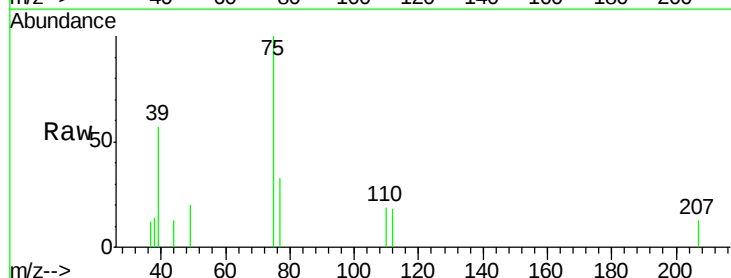
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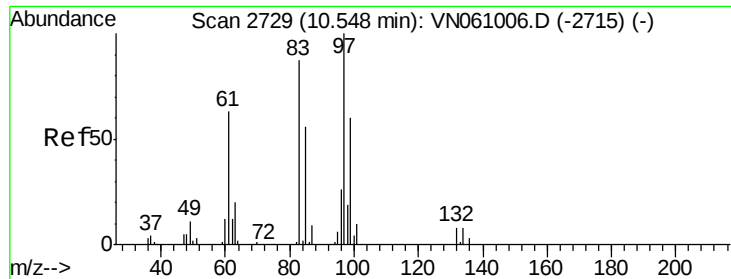
MMDadoda
4/17/2020 11:52:52 AM



#54
cis-1,3-Dichloropropene
Concen: 0.863 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion: 75 Resp: 3125
Ion Ratio Lower Upper
75 100
77 33.1 25.0 37.6
39 57.3 41.4 62.2





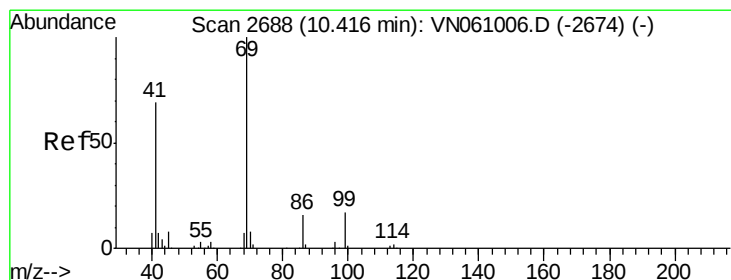
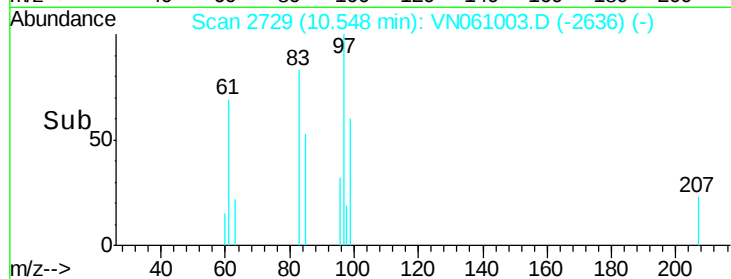
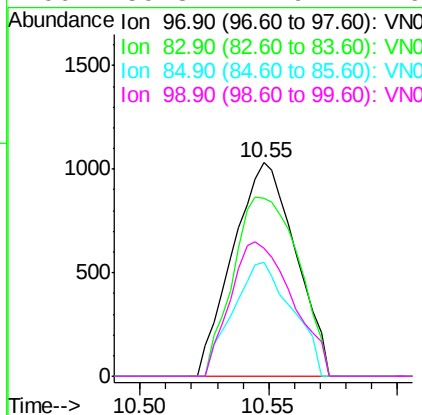
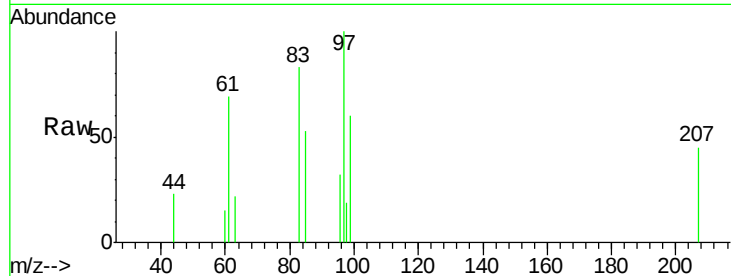
#55
 1,1,2-Trichloroethane
 Concen: 0.873 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:	97	Resp:	1750
Ion	Ratio	Lower	Upper
97	100		
83	83.1	69.5	104.3
85	53.5	45.0	67.4
99	59.8	47.9	71.9

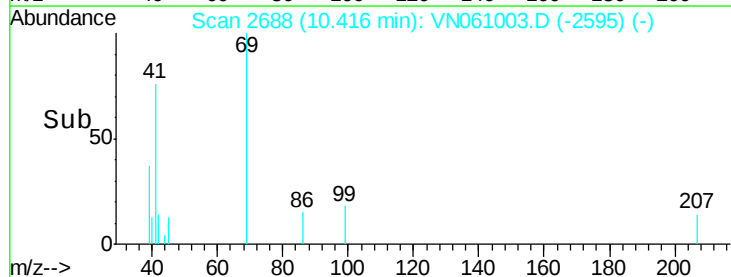
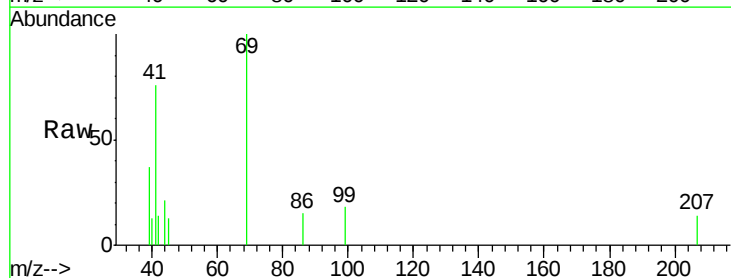
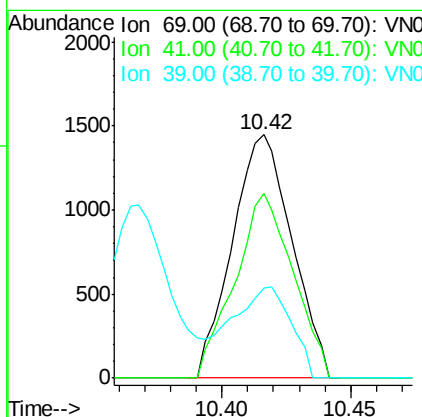
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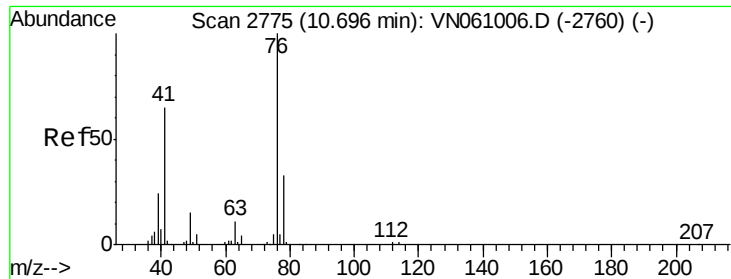
MMDadoda
 4/17/2020 11:52:52 AM



#56
 Ethyl methacrylate
 Concen: 0.744 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tgt Ion:	69	Resp:	2327
Ion	Ratio	Lower	Upper
69	100		
41	74.3	56.7	85.1
39	37.8	29.4	44.0





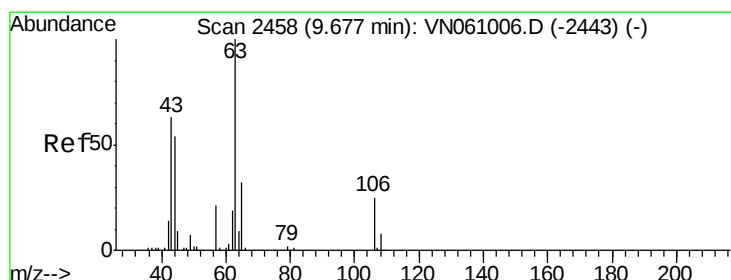
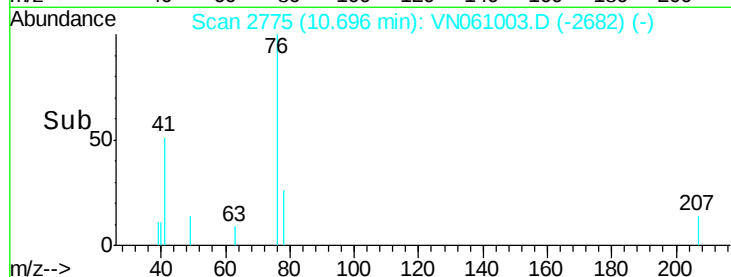
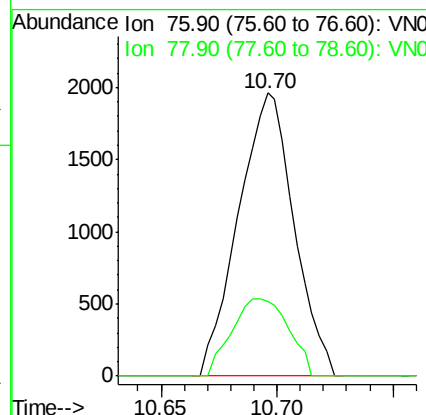
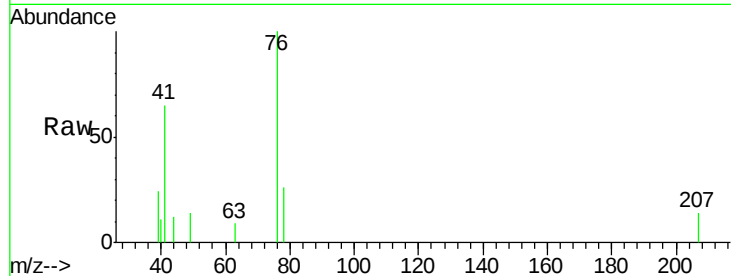
#57
 1,3-Dichloropropane
 Concen: 0.937 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 76 Resp: 3266
 Ion Ratio Lower Upper
 76 100
 78 27.8 25.4 38.0

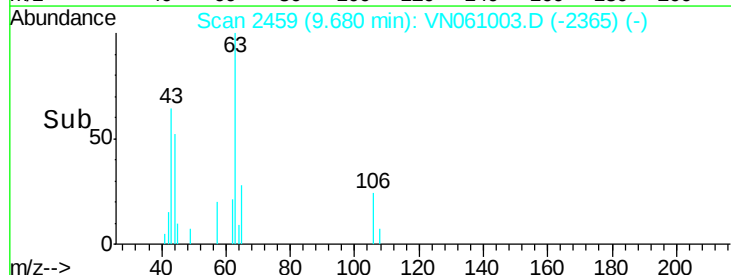
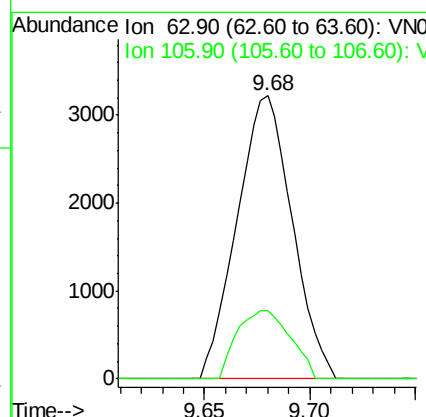
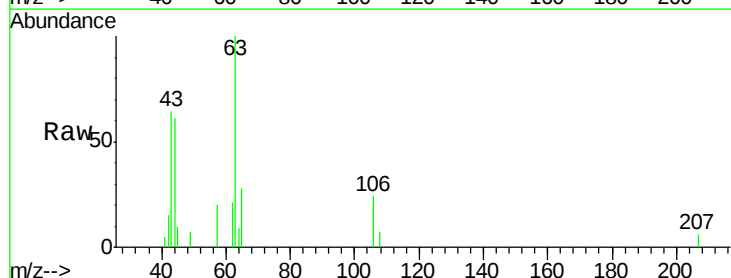
Manual Integrations
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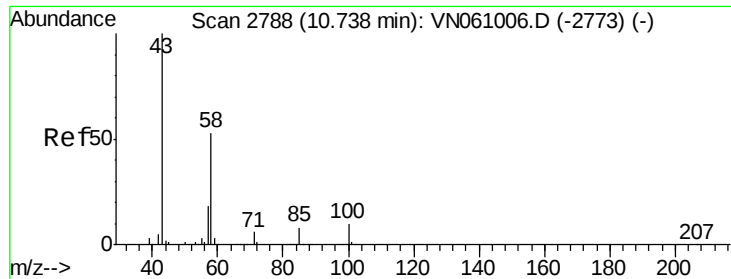
MMDadoda
 4/17/2020 11:52:52 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.923 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tgt Ion: 63 Resp: 5857
 Ion Ratio Lower Upper
 63 100
 106 23.3 19.5 29.3





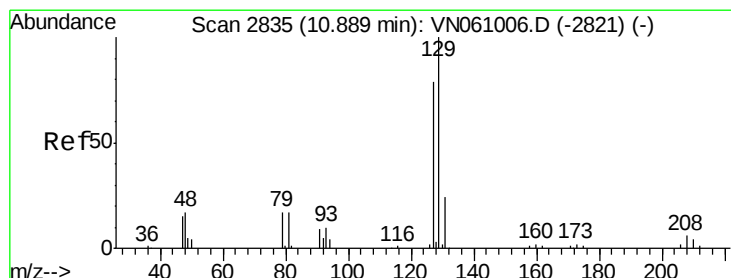
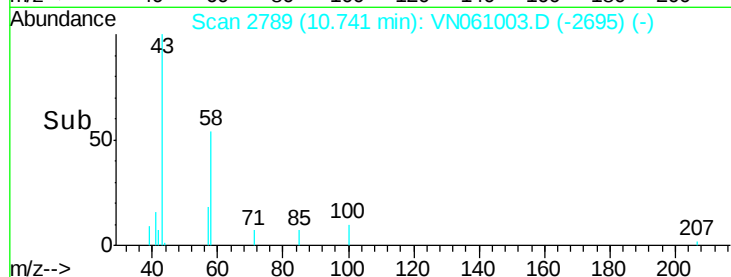
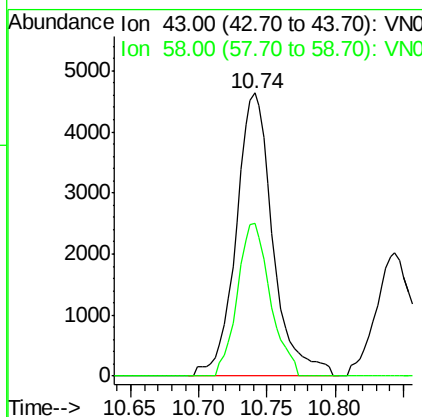
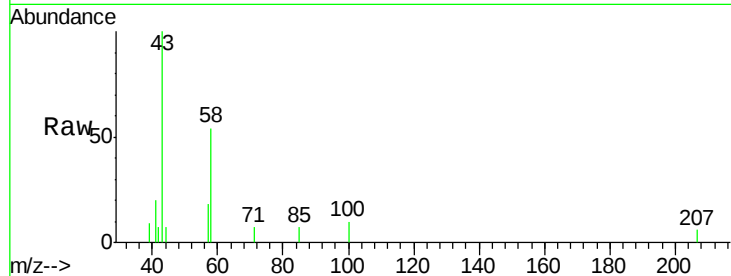
#59
2-Hexanone
Concen: 4.128 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 43 Resp: 8669
Ion Ratio Lower Upper
43 100
58 48.2 26.4 79.0

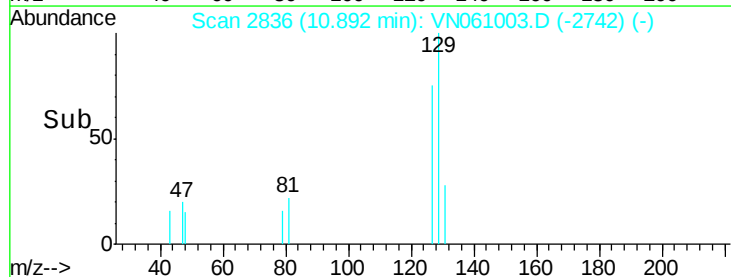
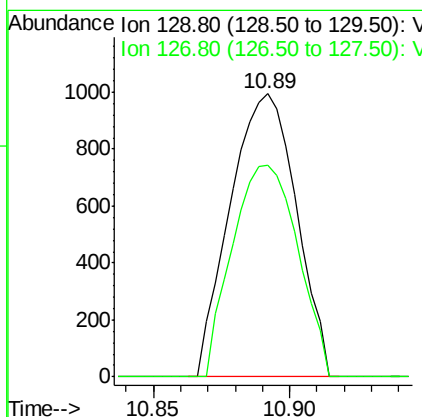
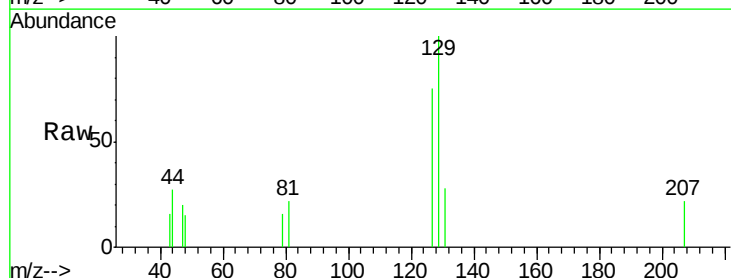
Manual Integrations
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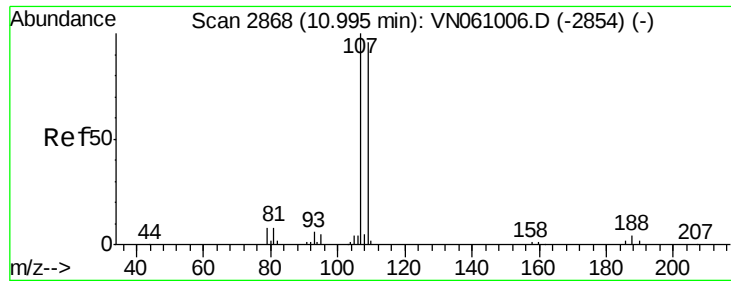
MMDadoda
4/17/2020 11:52:52 AM



#60
Dibromochloromethane
Concen: 0.811 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion: 129 Resp: 1674
Ion Ratio Lower Upper
129 100
127 74.1 39.0 116.9





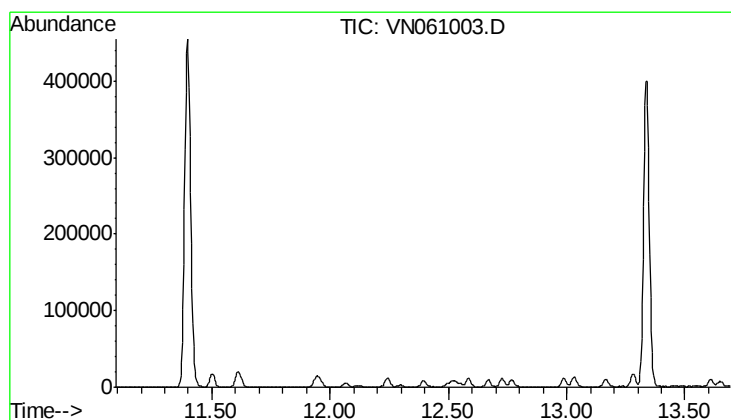
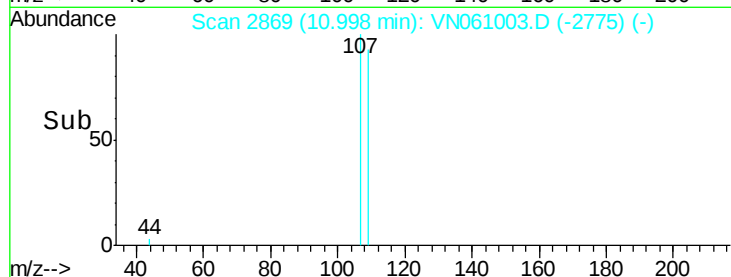
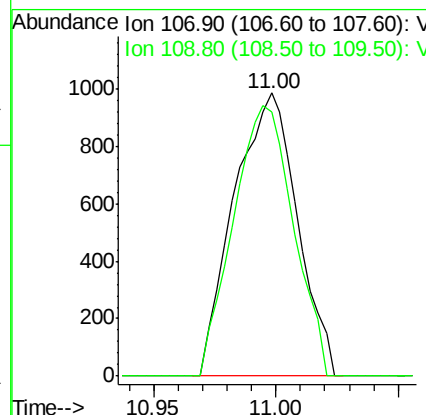
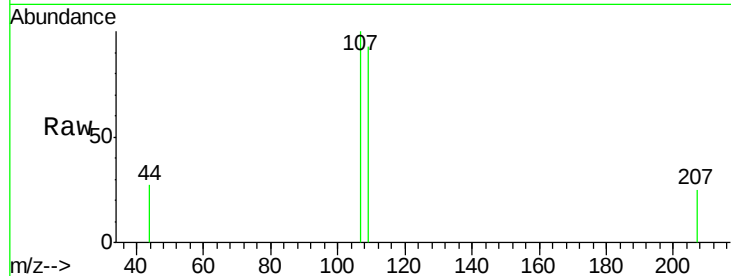
#61
 1,2-Dibromoethane
 Concen: 0.882 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
107	100		
109	90.7	75.9	113.9

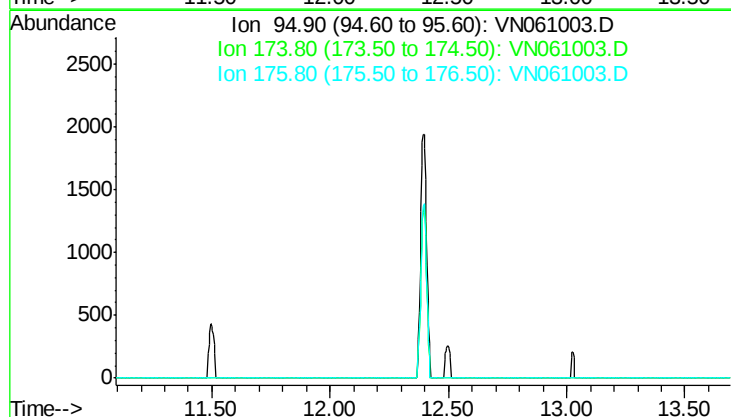
Manual Integrations
 APPROVED

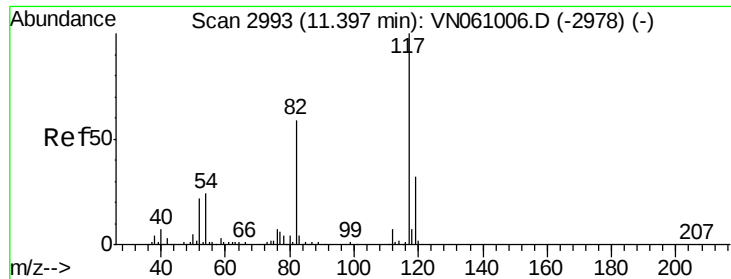
MMDadoda
 4/17/2020 11:52:52 AM



#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.39 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tgt Ion	Sig	Exp Ratio
95	100	
174	75.6	
176	74.1	





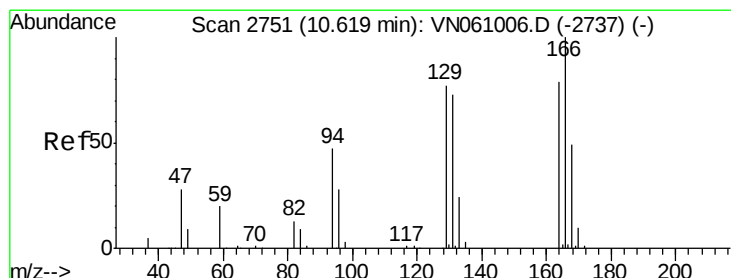
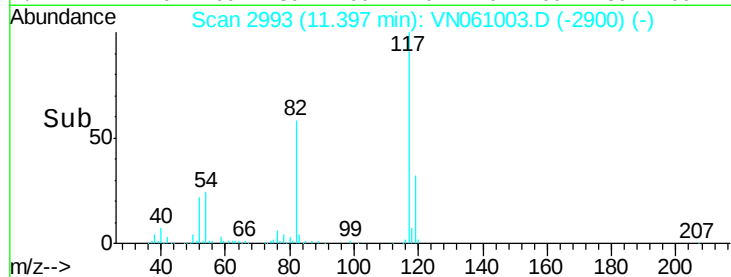
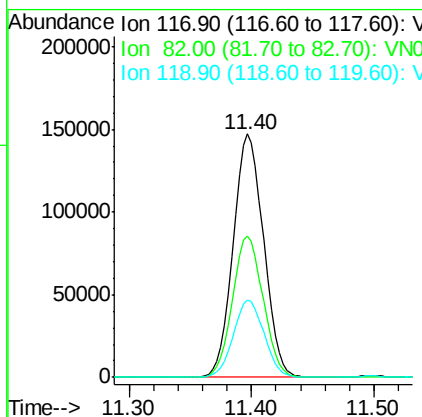
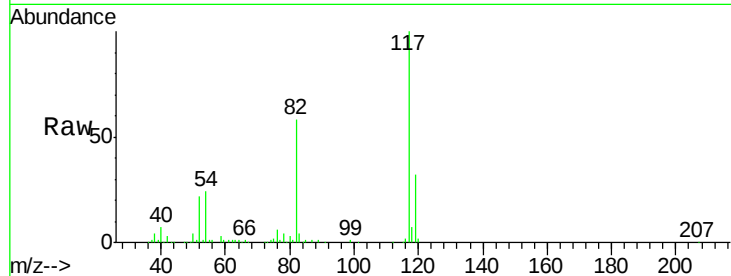
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
117	100	254816		
82	58.3		47.1	70.7
119	31.7		25.7	38.5

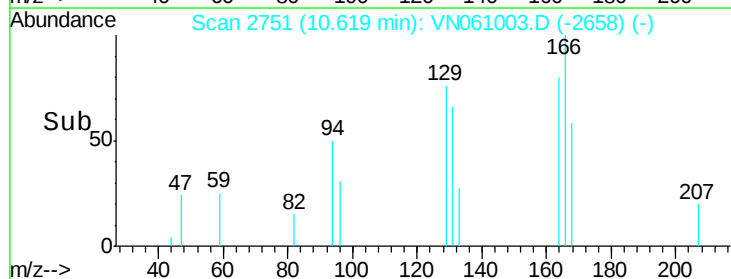
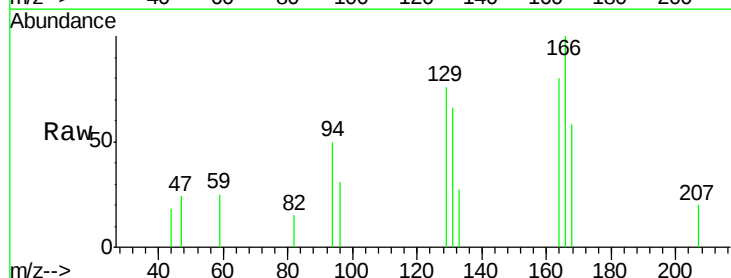
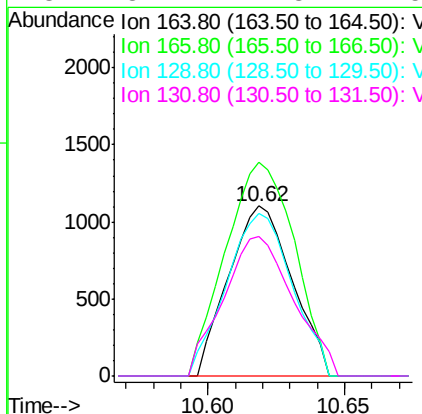
Manual Integrations
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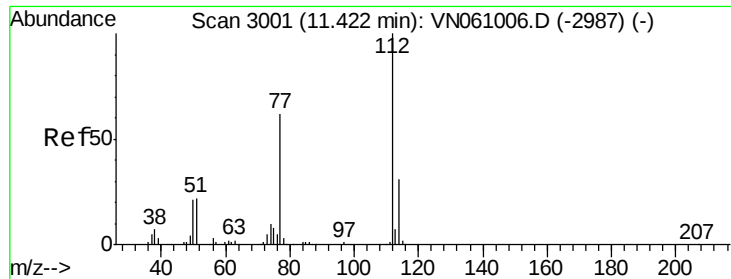
MMDadoda
4/17/2020 11:52:52 AM



#64
Tetrachloroethene
Concen: 0.891 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1778		
166	125.7		101.6	152.4
129	95.4		78.5	117.7
131	82.4		74.3	111.5





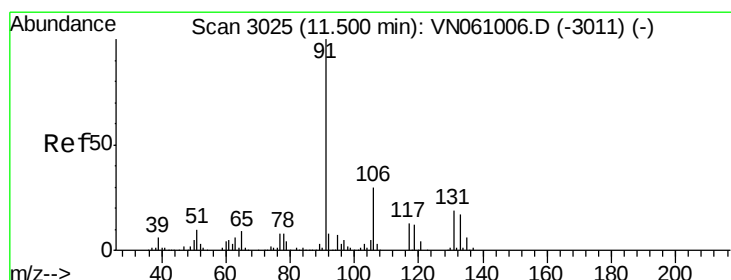
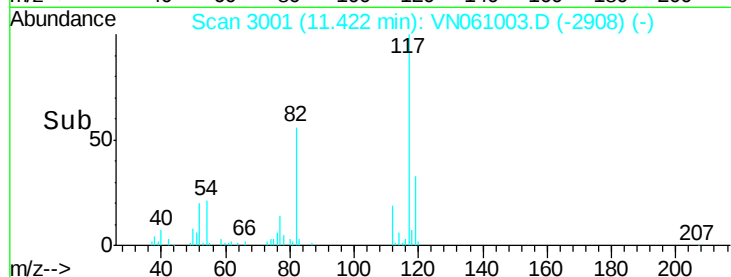
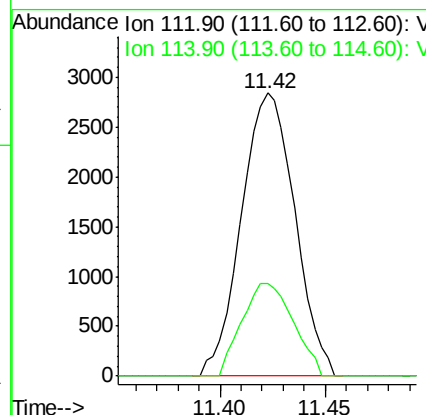
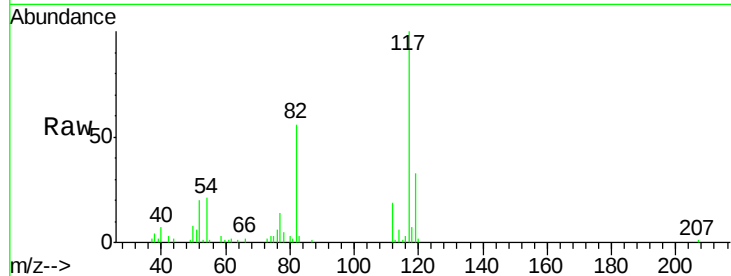
#65
Chlorobenzene
Concen: 0.984 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:112 Resp: 5002
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7

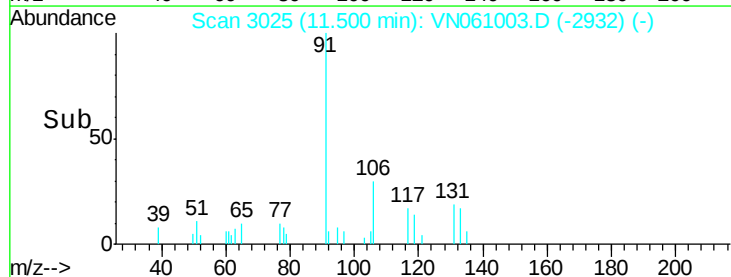
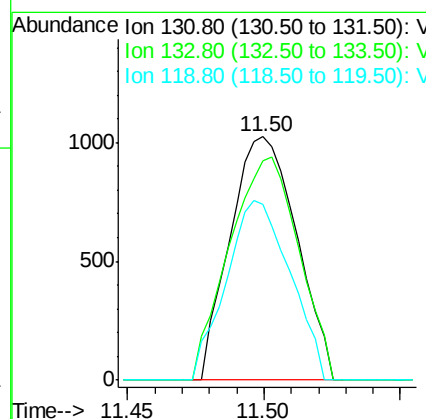
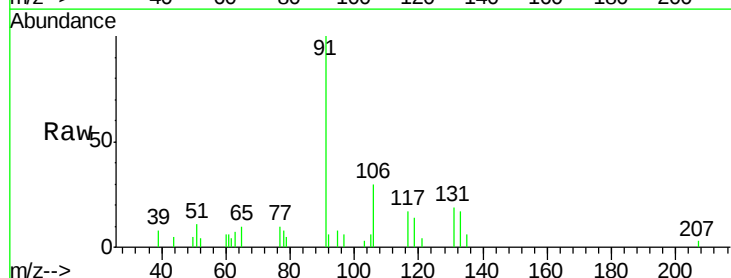
Manual Integrations
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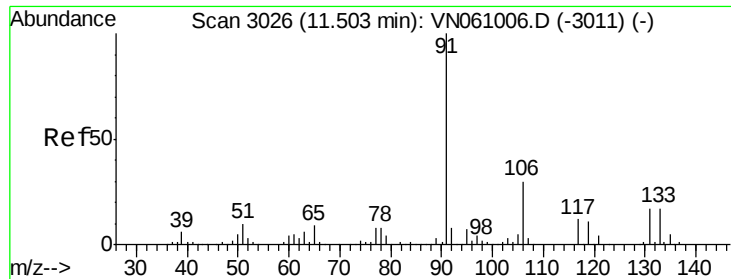
MMDadoda
4/17/2020 11:52:52 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 0.943 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion:131 Resp: 1732
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.8
119 0.0 33.3 99.8#





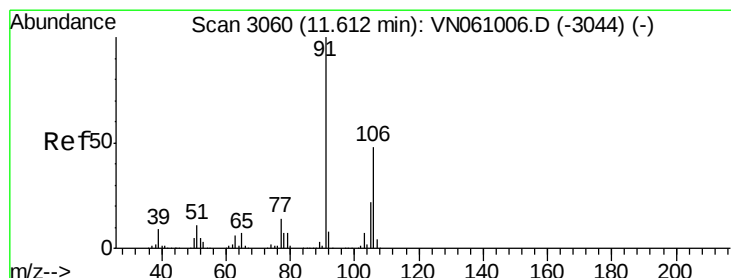
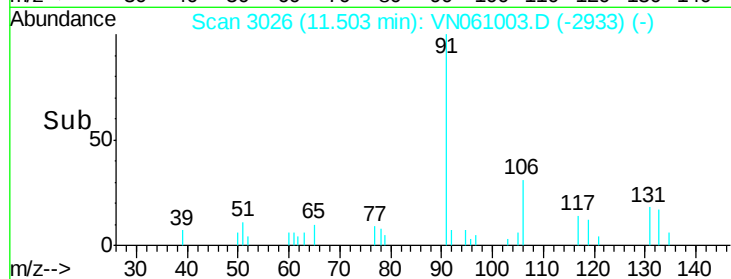
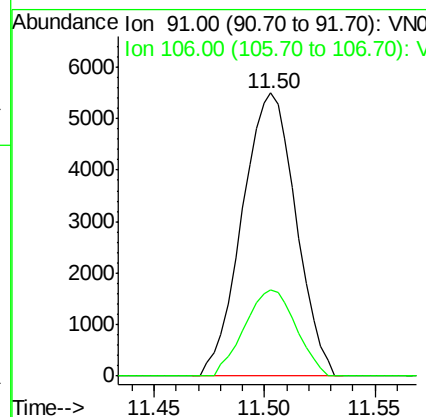
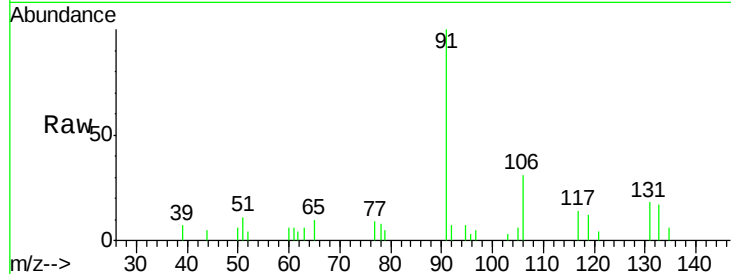
#67
Ethyl Benzene
Concen: 0.983 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 91 Resp: 9293
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.8

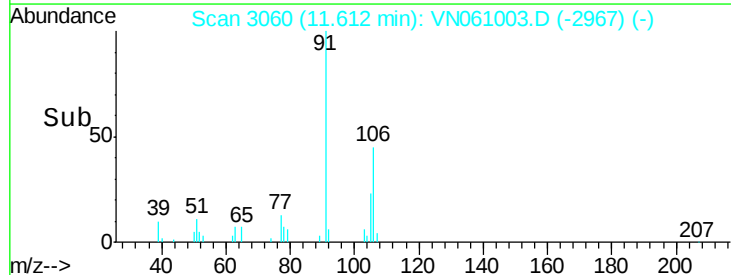
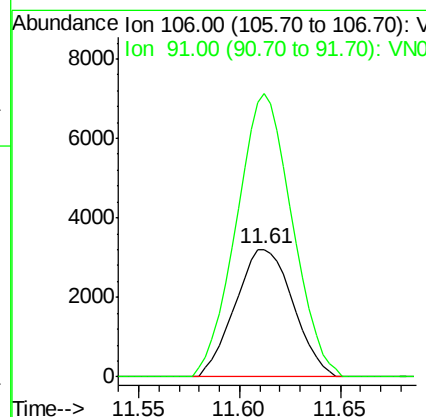
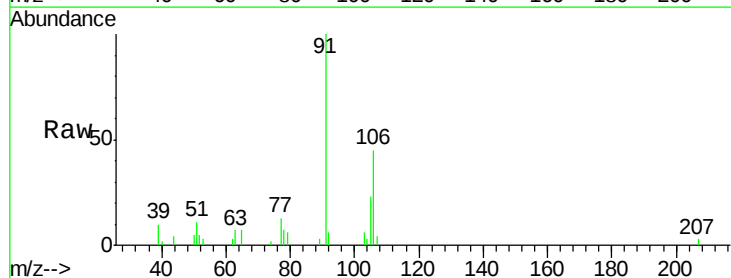
Manual Integrations
APPROVED

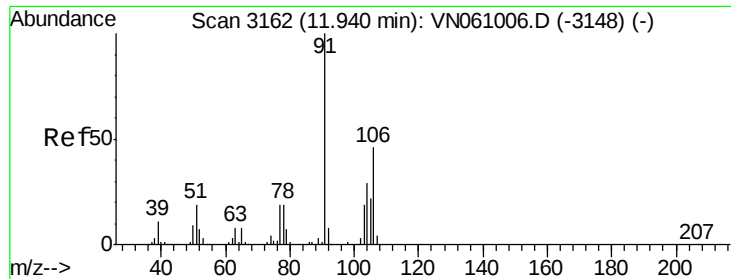
MMDadoda
4/17/2020 11:52:52 AM



#68
m/p-Xylenes
Concen: 1.840 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion: 106 Resp: 6436
Ion Ratio Lower Upper
106 100
91 213.0 167.9 251.9





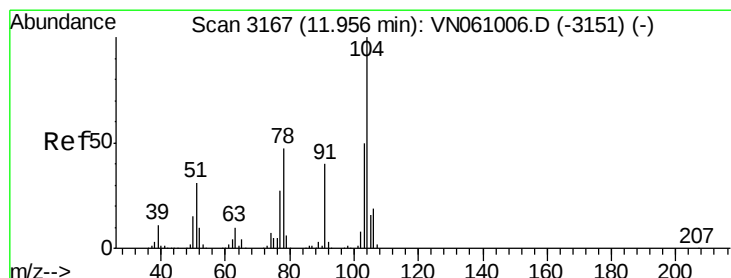
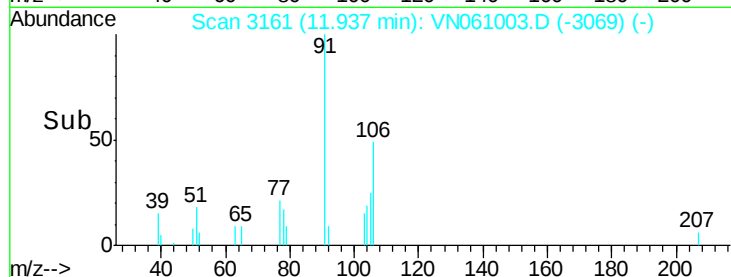
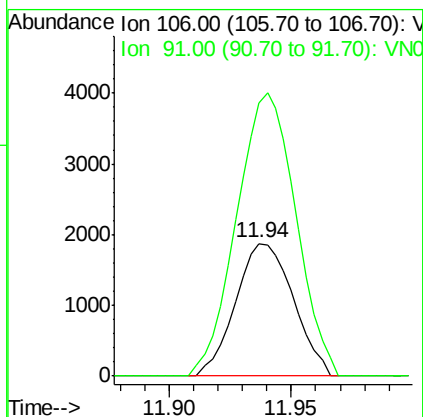
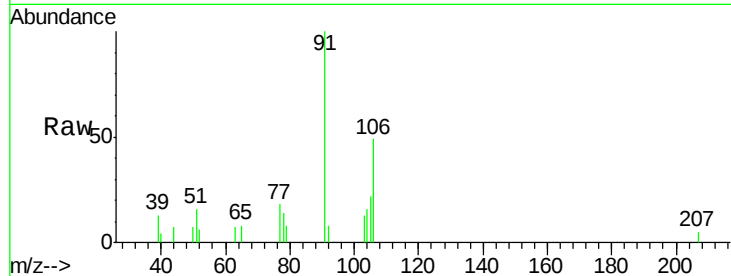
#69
o-Xylene
Concen: 0.920 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 3071
Ion Ratio Lower Upper
106 100
91 219.0 110.7 332.1

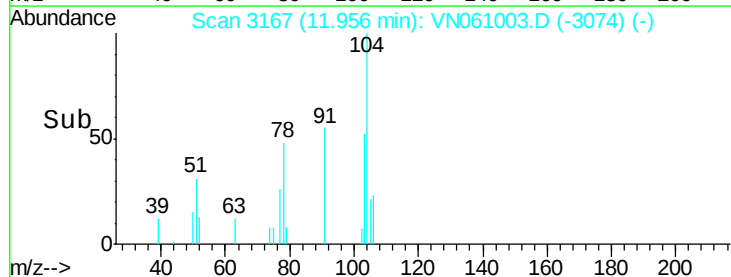
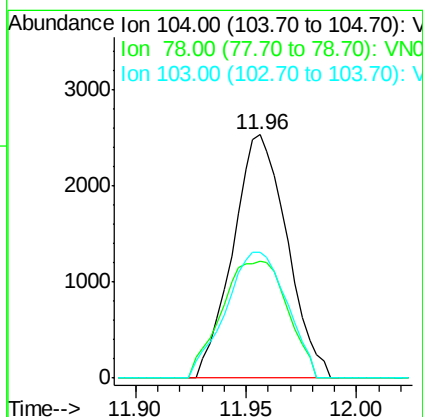
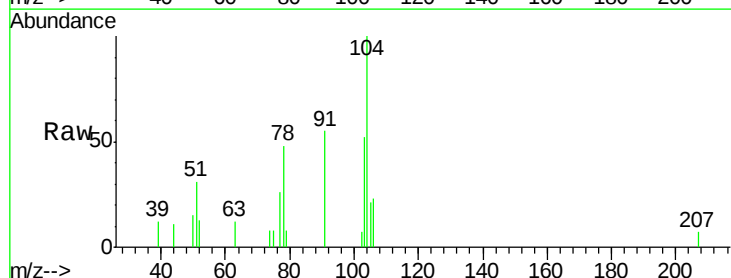
Manual Integrations
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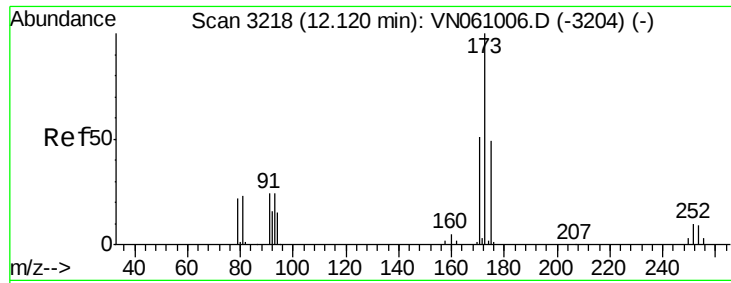
MMDadoda
4/17/2020 11:52:52 AM



#70
Styrene
Concen: 0.789 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion:104 Resp: 4314
Ion Ratio Lower Upper
104 100
78 58.2 42.2 63.4
103 58.2 44.4 66.6





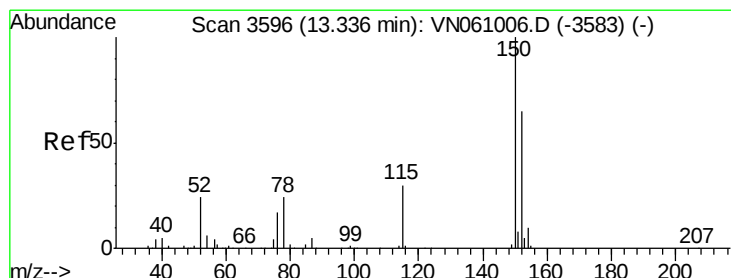
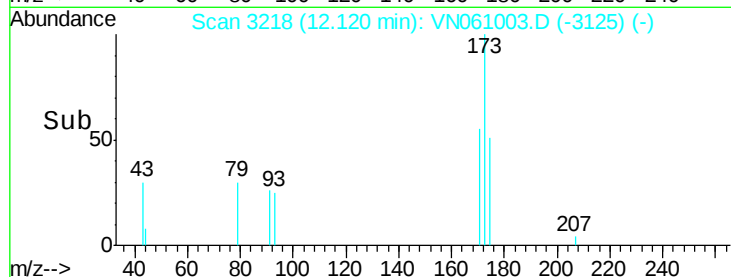
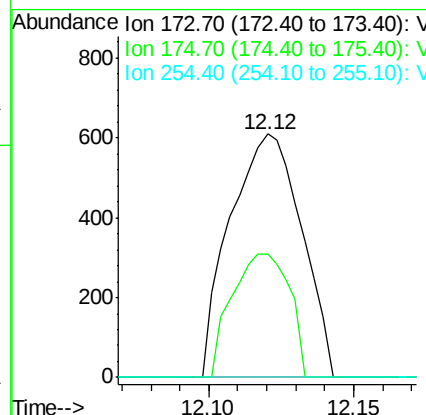
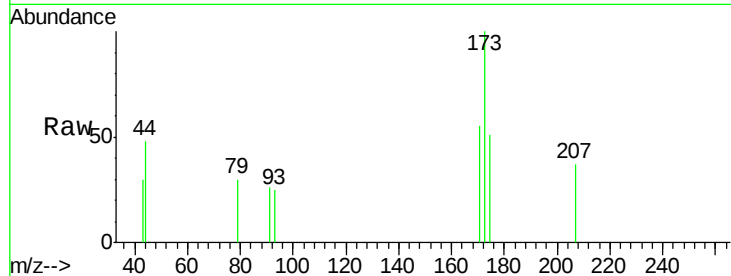
#71
Bromoform
Concen: 0.762 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
173	100		
175	40.8	24.5	73.5
254	0.0	0.0	0.0

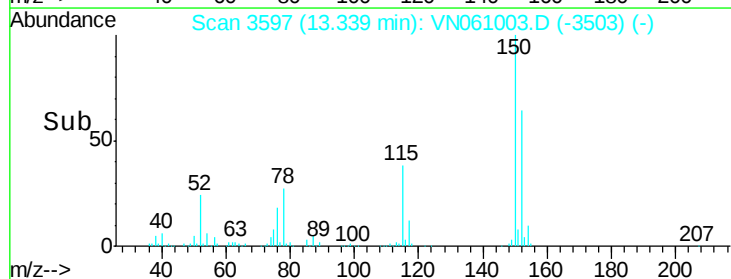
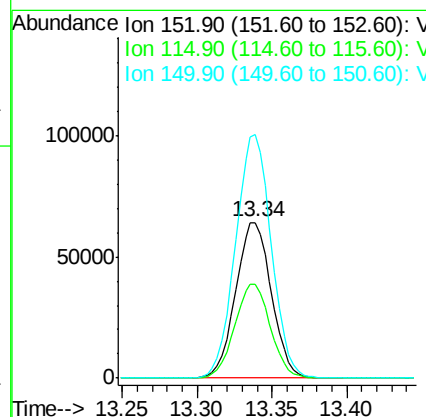
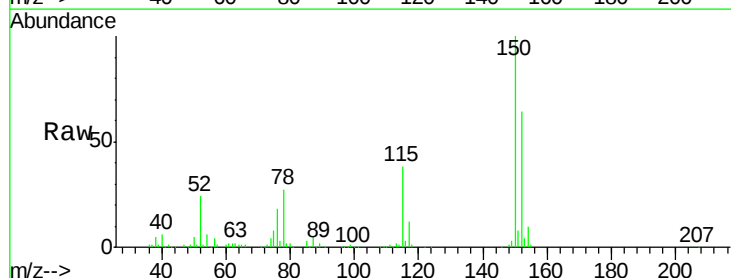
Manual Integrations
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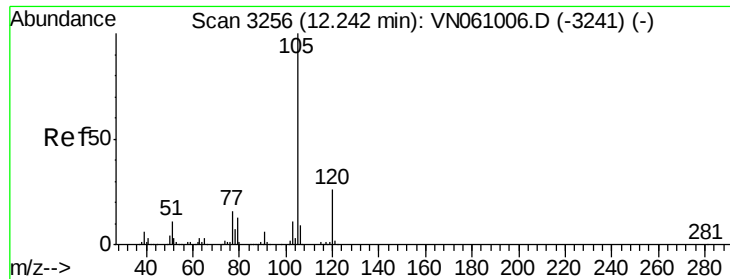
MMDadoda
4/17/2020 11:52:52 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	30.8	92.4
150	156.3	0.0	349.0





#73

Isopropylbenzene

Concen: 1.091 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 8797

Ion Ratio Lower Upper

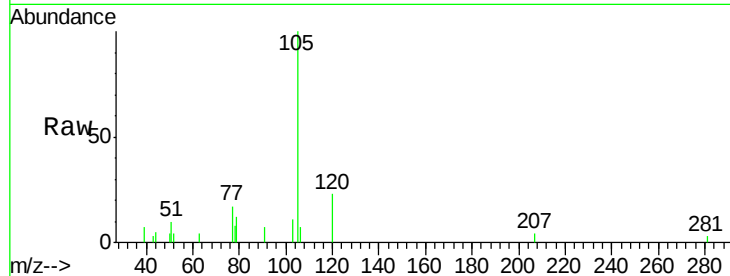
105 100

120 23.8 13.0 38.9

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

6000

5000

4000

3000

2000

1000

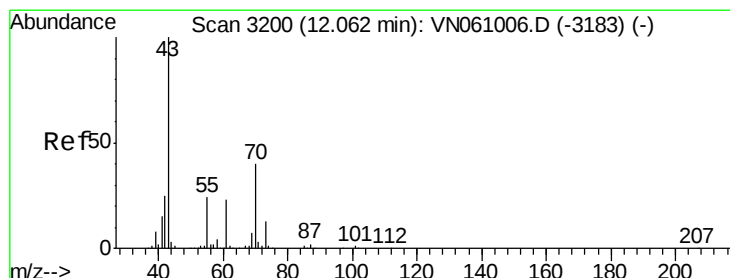
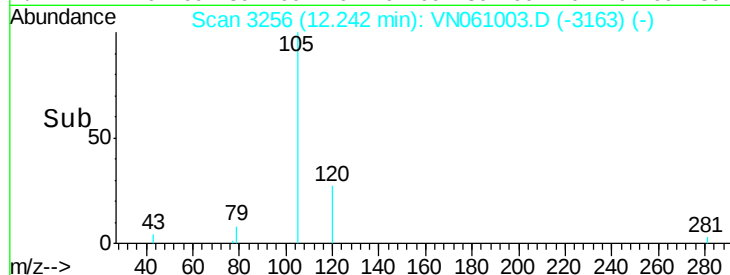
0

12.20

12.25

12.30

Time-->



#74

N-ethyl acetate

Concen: 1.003 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Tgt Ion: 43 Resp: 3752

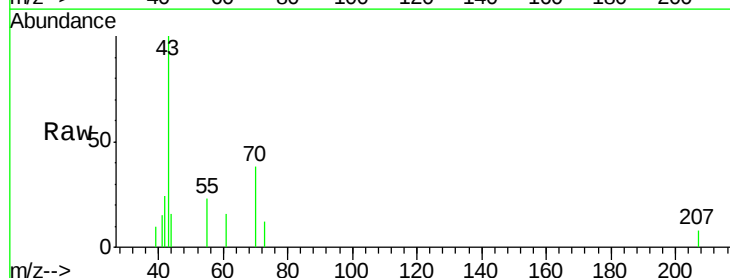
Ion Ratio Lower Upper

43 100

70 32.1 31.0 46.6

55 18.9 18.6 27.8

61 13.0 18.2 27.4#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

3000

2500

2000

1500

1000

500

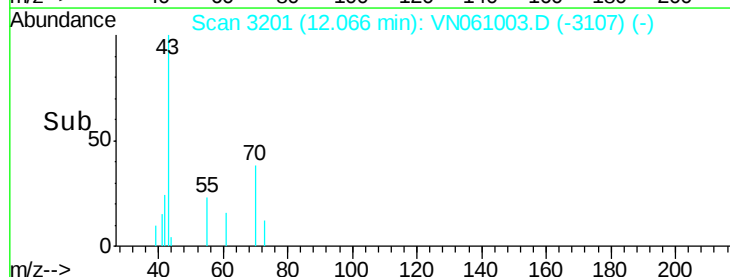
0

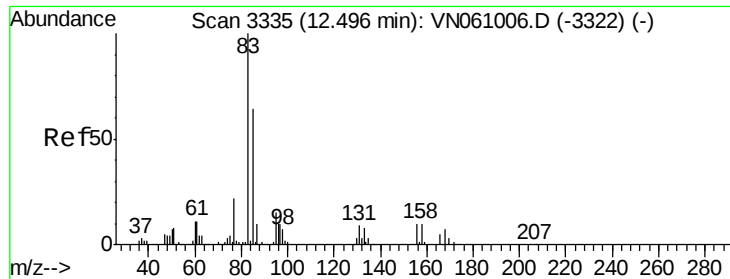
12.00

12.05

12.10

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 1.012 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Instrument :

MSVOA_N

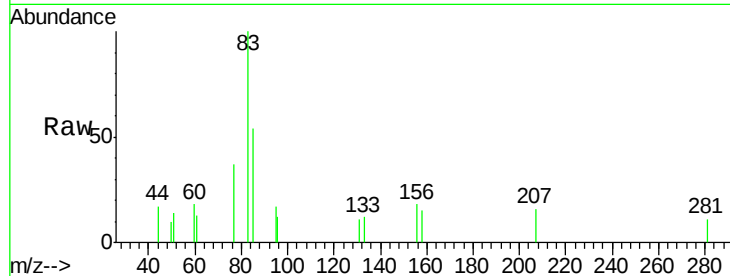
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
83	100		
131	2.5	4.8	14.3#
85	58.0	32.3	96.8

Manual Integrations
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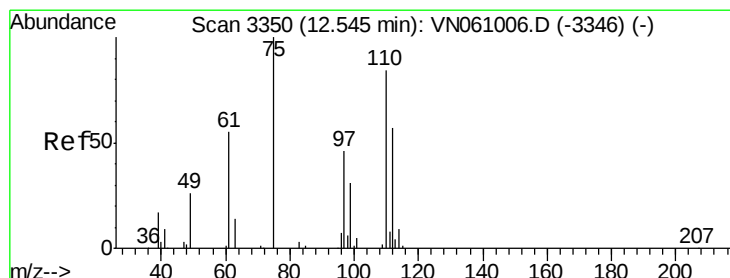
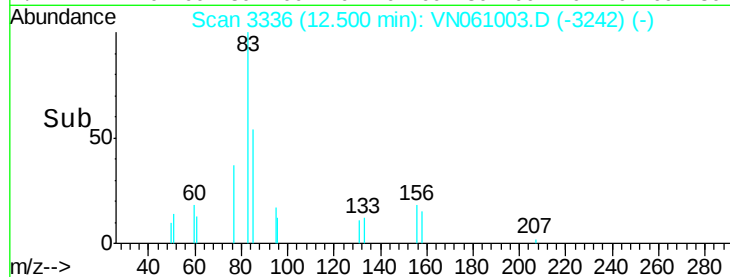
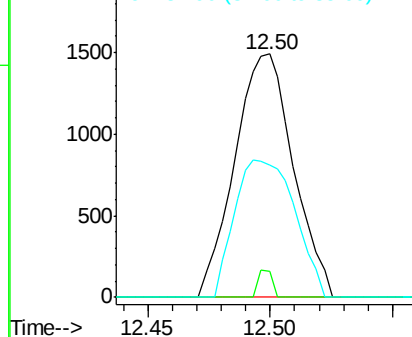
MMDadoda
4/17/2020 11:52:52 AM



Abundance Ion 82.90 (82.60 to 83.60): VN061006.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN061006.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN061006.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 0.933 ug/l m

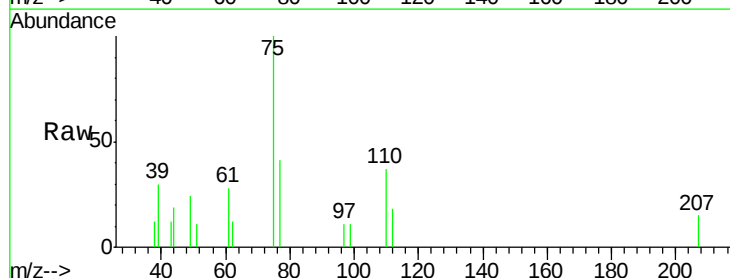
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061003.D

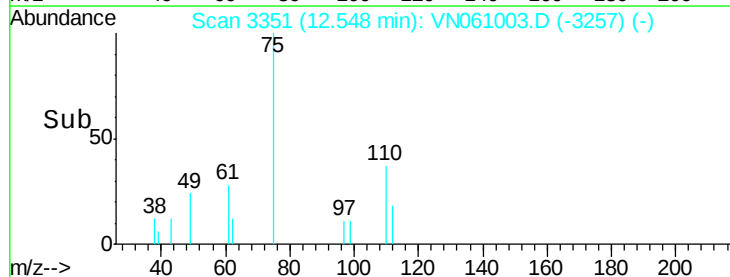
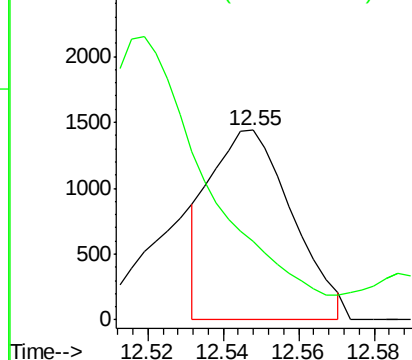
Acq: 16 Apr 2020 11:11

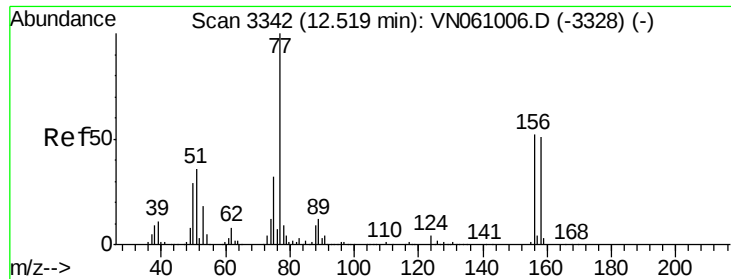
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061006.D (-3346) (-)

Ion 77.00 (76.70 to 77.70): VN061006.D (-3346) (-)





#77

Bromobenzene

Concen: 1.050 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:156 Resp: 2033

Ion Ratio Lower Upper

156 100

77 224.2 115.6 346.8

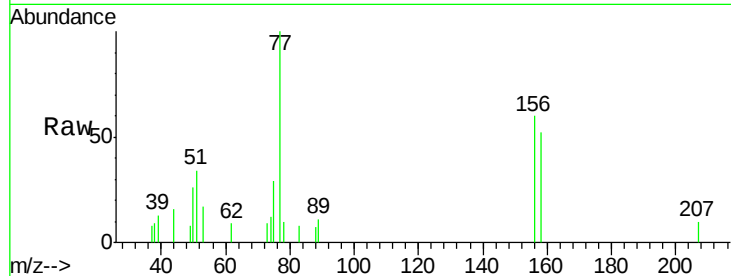
158 85.2 48.9 146.6

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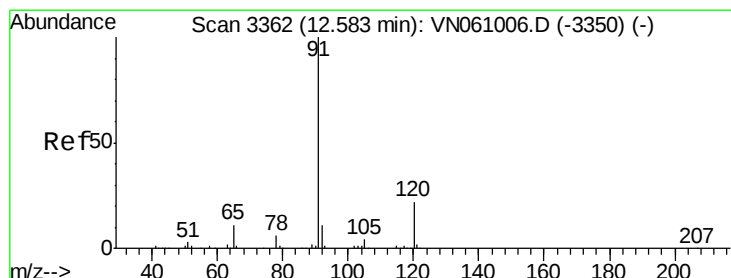
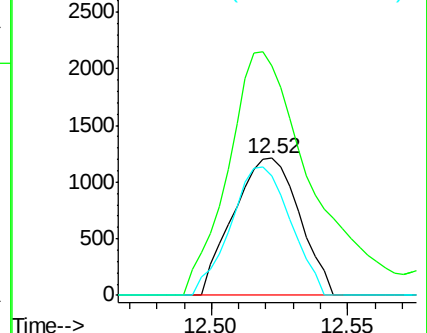
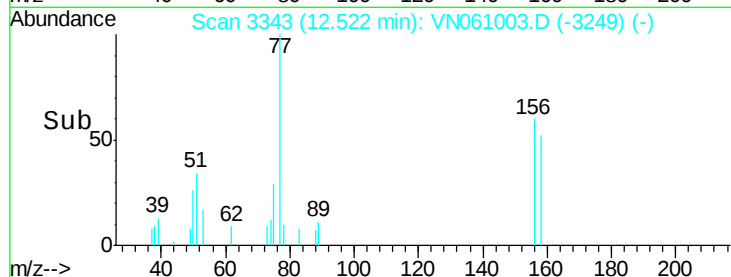
4/17/2020 11:52:52 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.984 ug/l

RT: 12.58 min Scan# 3362

Delta R.T. 0.00 min

Lab File: VN061003.D

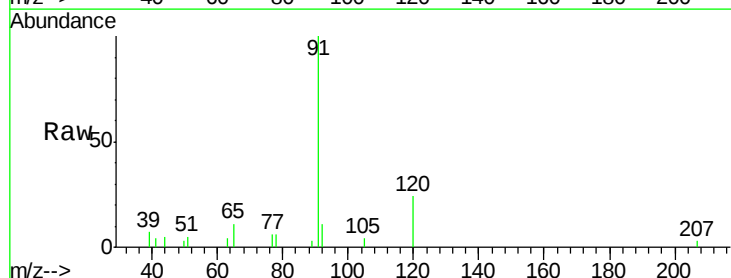
Acq: 16 Apr 2020 11:11

Tgt Ion: 91 Resp: 9406

Ion Ratio Lower Upper

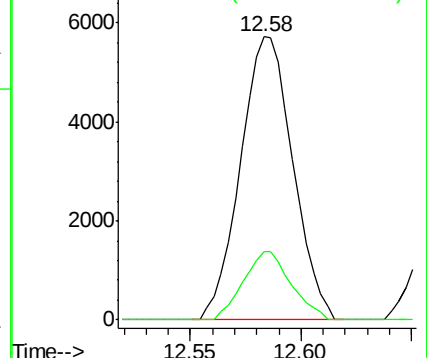
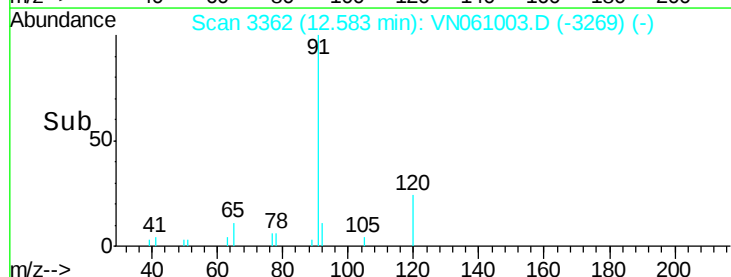
91 100

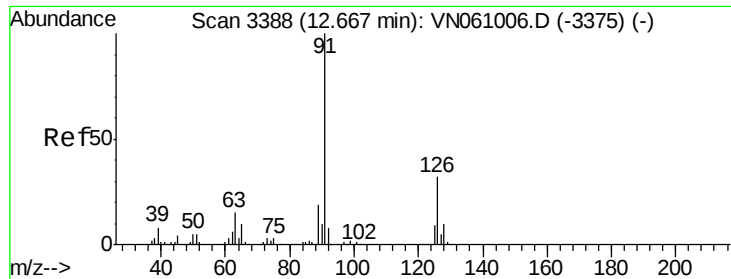
120 22.0 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.993 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 5650

Ion Ratio Lower Upper

91 100

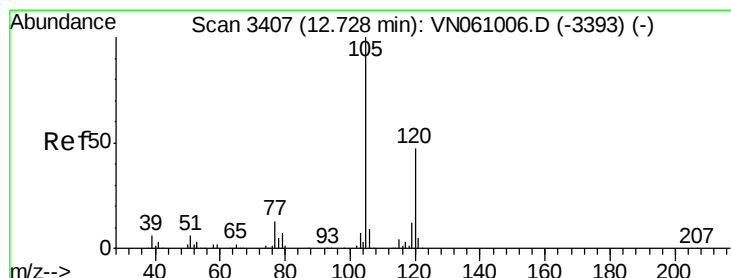
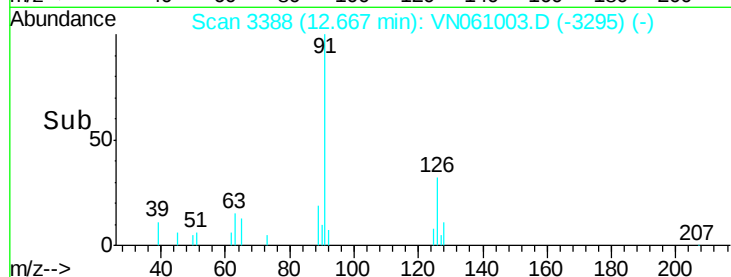
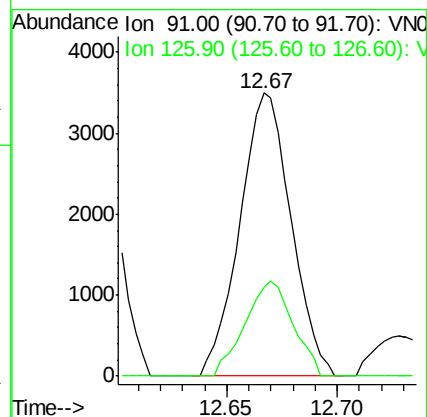
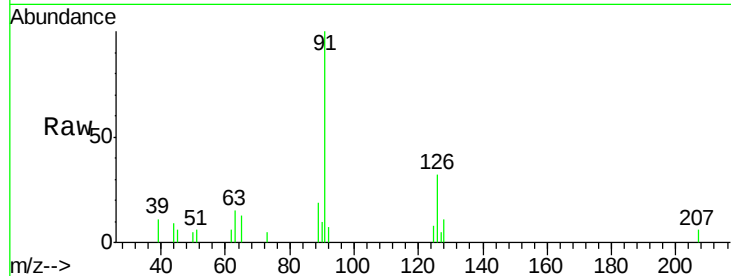
126 31.3 16.1 48.2

Manual Integrations

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4/17/2020 11:52:52 AM



#80

1,3,5-Trimethylbenzene

Concen: 0.966 ug/l

RT: 12.72 min Scan# 3406

Delta R.T. -0.00 min

Lab File: VN061003.D

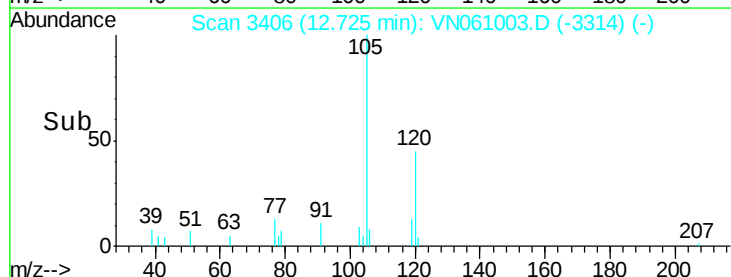
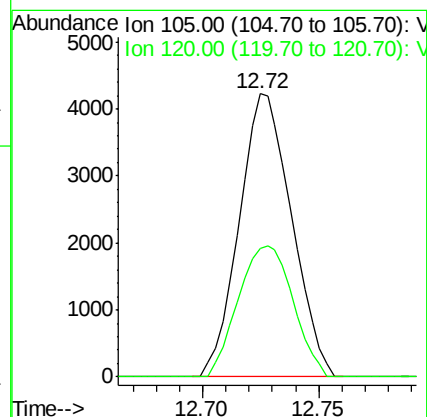
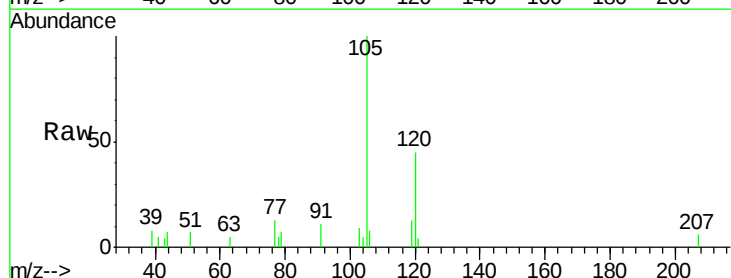
Acq: 16 Apr 2020 11:11

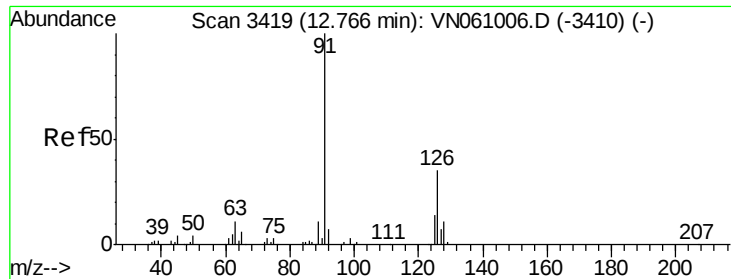
Tgt Ion: 105 Resp: 6618

Ion Ratio Lower Upper

105 100

120 48.4 23.6 70.8





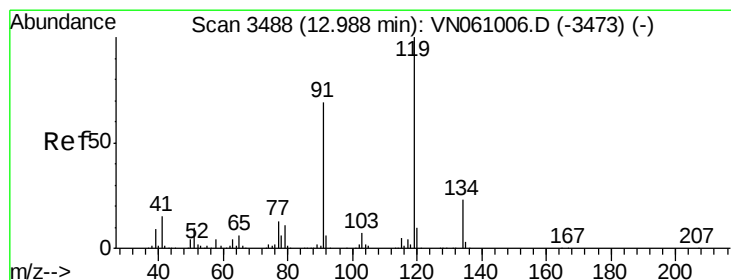
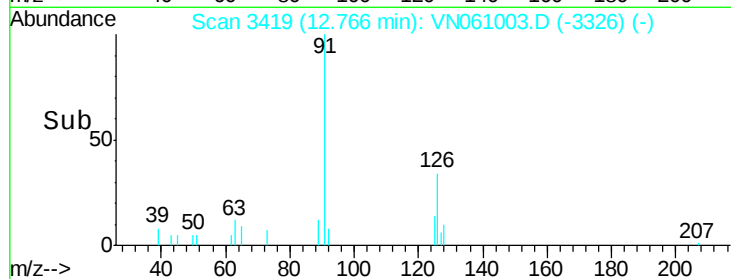
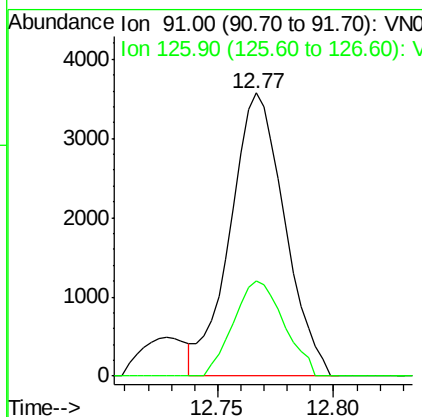
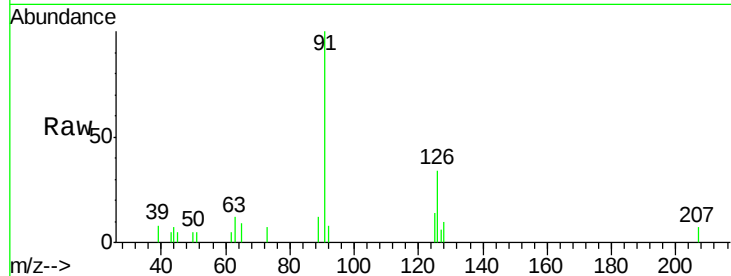
#82
4-Chlorotoluene
Concen: 1.001 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 5813
Ion Ratio Lower Upper
91 100
126 31.2 15.9 47.6

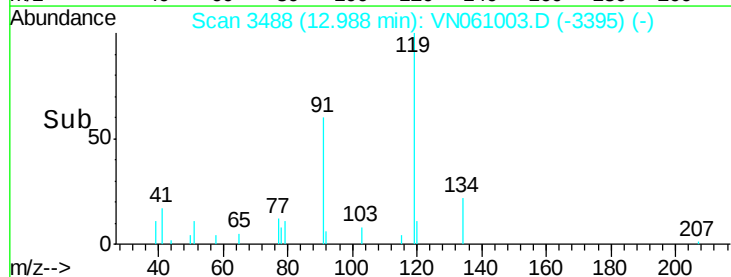
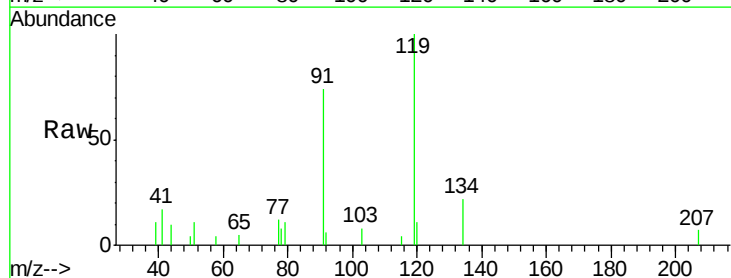
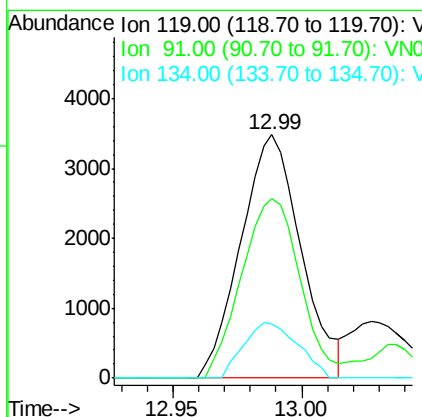
Manual Integrations
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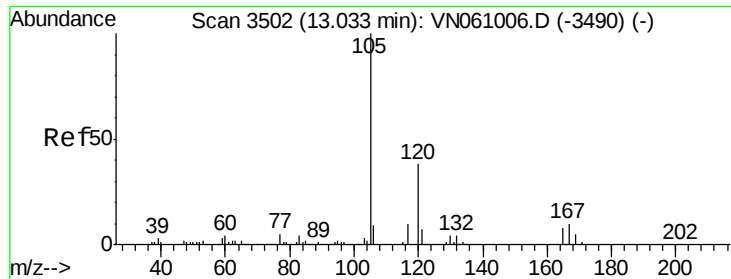
MMDadoda
4/17/2020 11:52:52 AM



#83
tert-Butylbenzene
Concen: 0.997 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion: 119 Resp: 5663
Ion Ratio Lower Upper
119 100
91 71.5 34.1 102.3
134 20.5 12.4 37.2





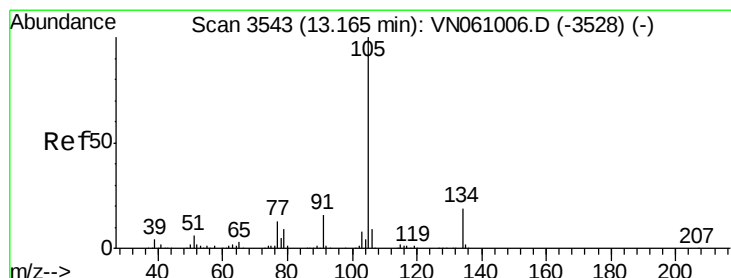
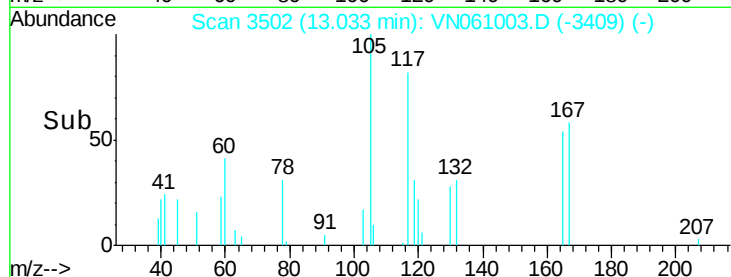
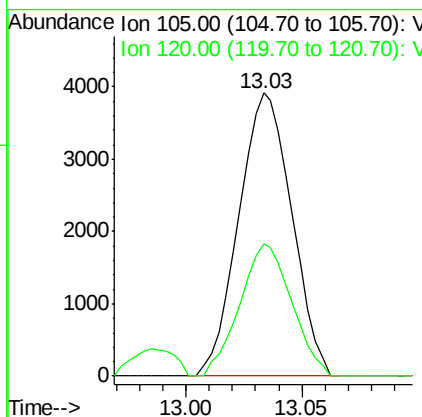
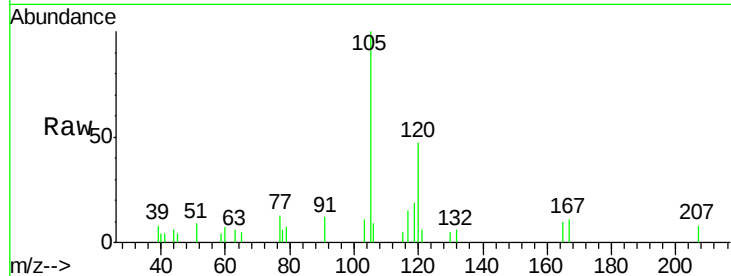
#84
1,2,4-Trimethylbenzene
Concen: 0.918 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:105 Resp: 6217
Ion Ratio Lower Upper
105 100
120 45.7 22.1 66.5

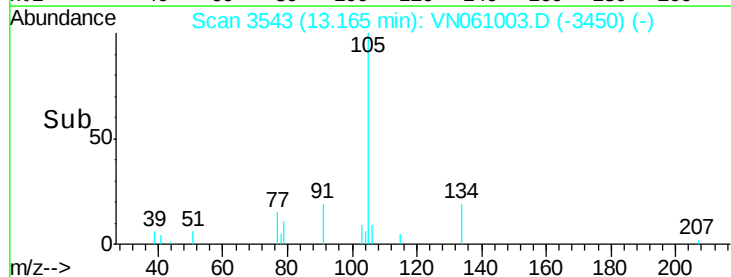
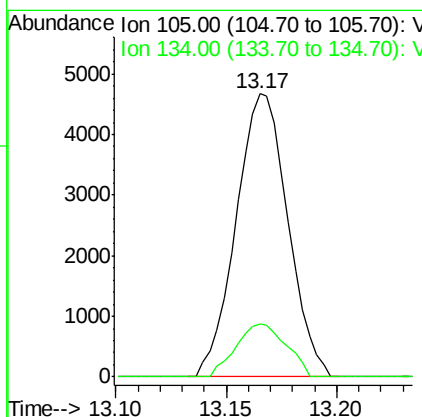
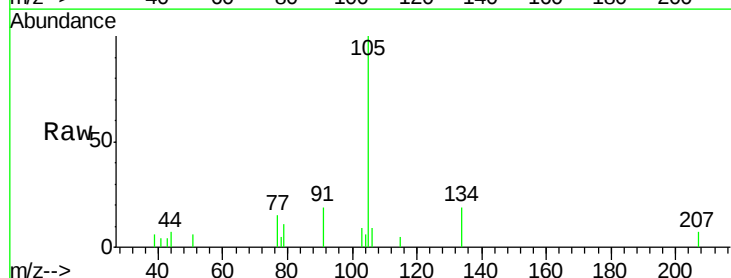
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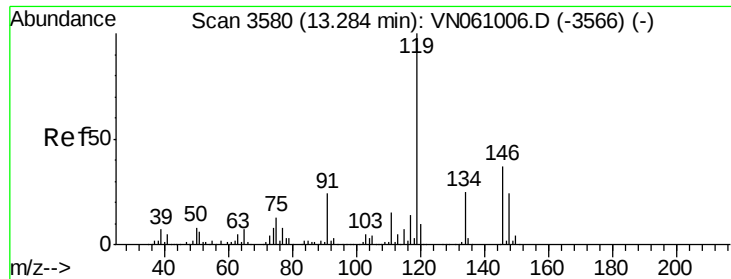
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#85
sec-Butylbenzene
Concen: 0.990 ug/l
RT: 13.17 min Scan# 3543
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion:105 Resp: 7580
Ion Ratio Lower Upper
105 100
134 18.2 9.5 28.5





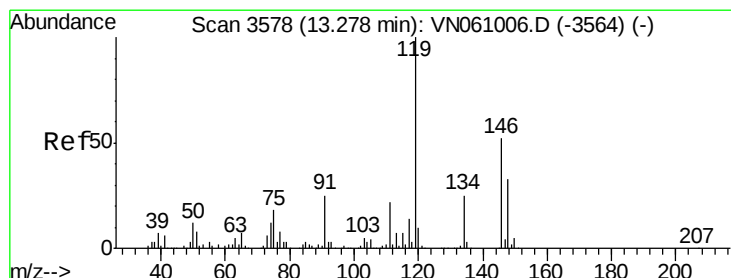
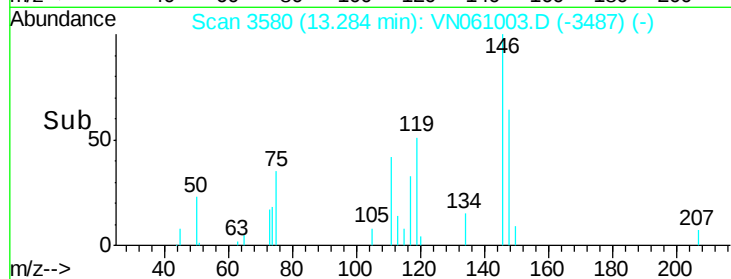
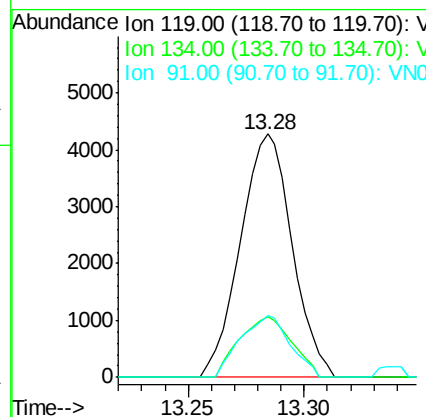
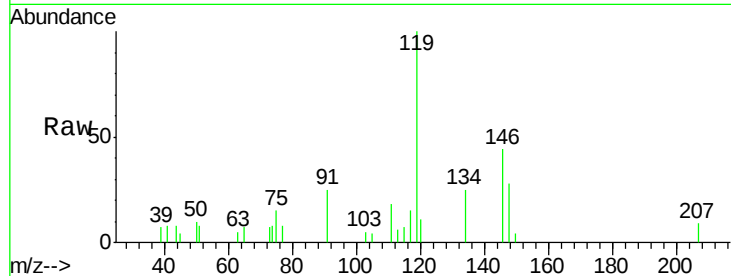
#86
 p-Isopropyltoluene
 Concen: 0.962 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.8	38.4
91	24.2	12.3	36.8

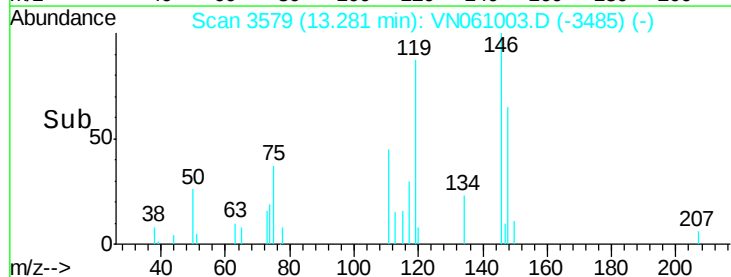
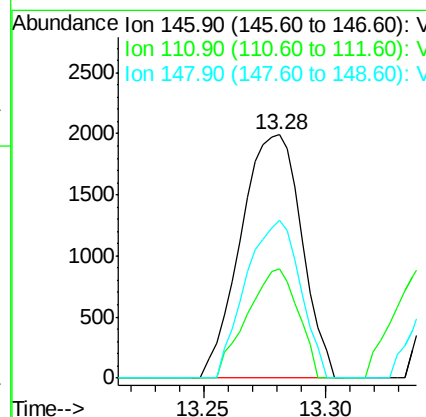
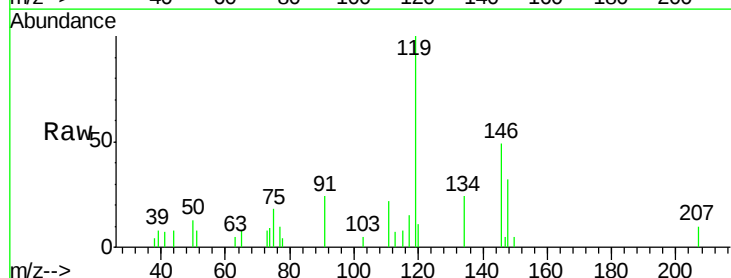
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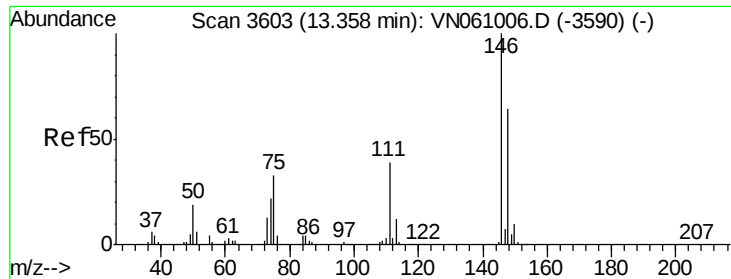
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#87
 1,3-Dichlorobenzene
 Concen: 1.008 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	20.6	61.8
148	57.9	31.8	95.3





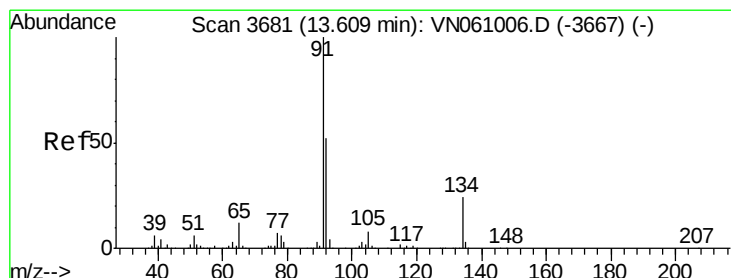
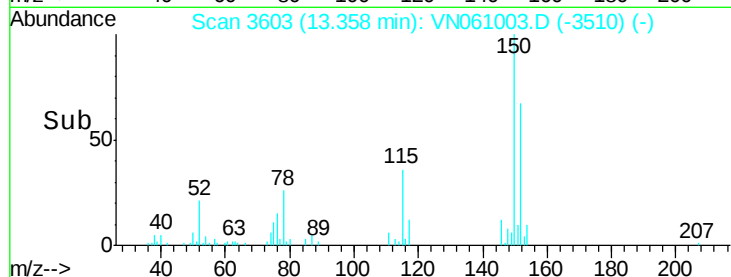
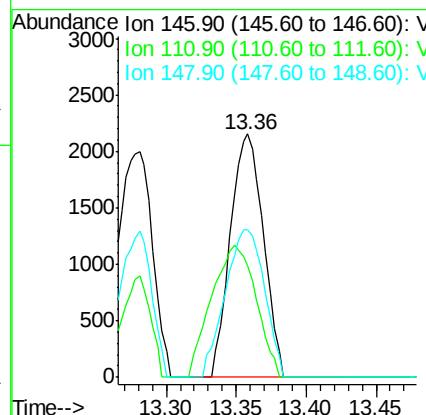
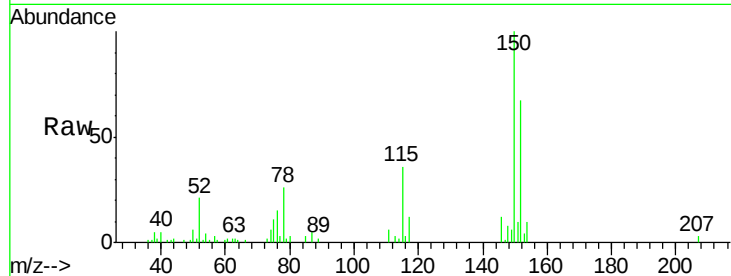
#88
 1,4-Dichlorobenzene
 Concen: 1.023 ug/l m
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	20.1	60.3
148	56.9	32.1	96.3

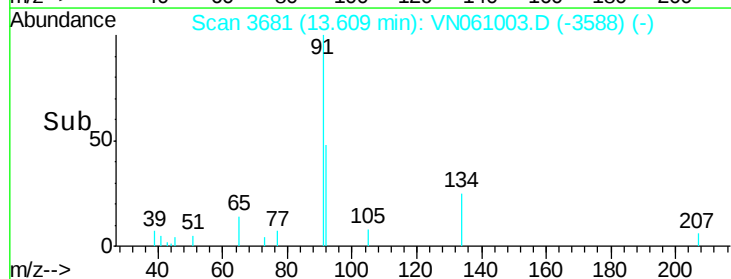
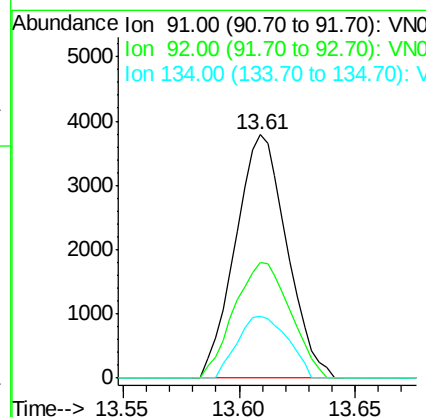
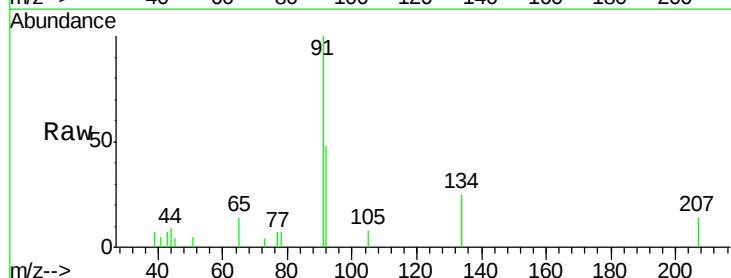
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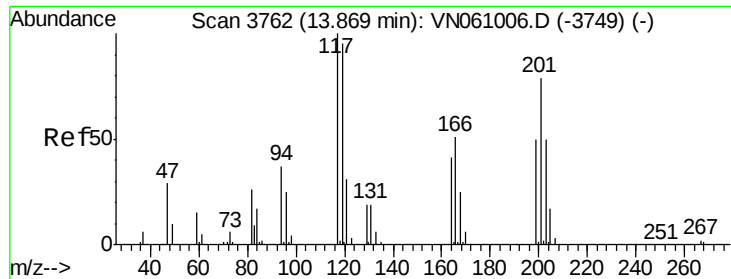
MMDadoda
 4/17/2020 11:52:52 AM



#89
 n-Butylbenzene
 Concen: 0.933 ug/l
 RT: 13.61 min Scan# 3681
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.1	78.2
134	25.0	12.3	36.8





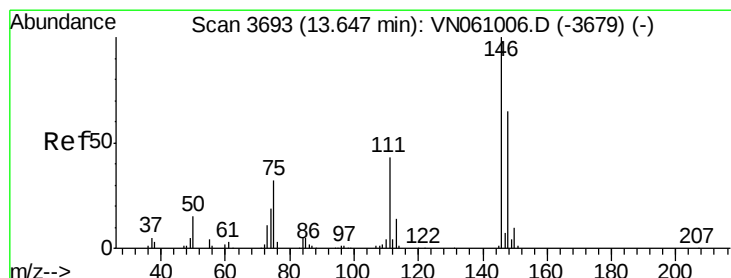
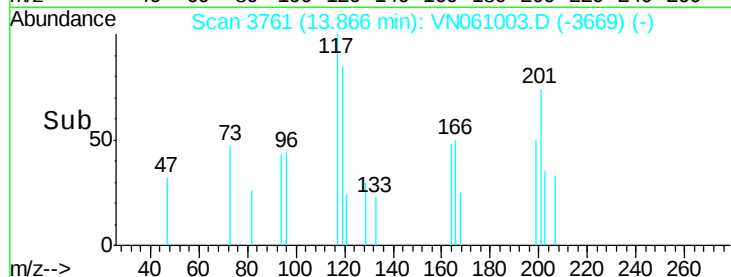
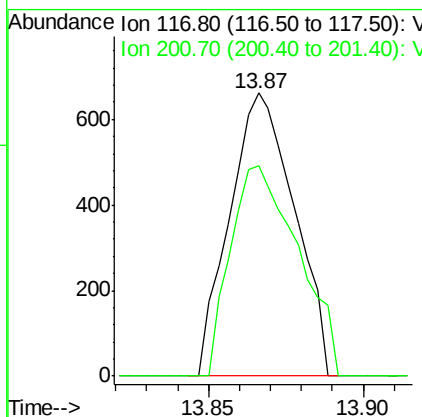
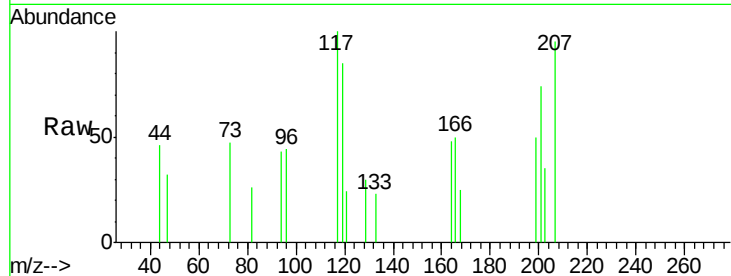
#90
Hexachloroethane
Concen: 0.960 ug/l
RT: 13.87 min Scan# 3761
Delta R.T. -0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:117 Resp: 963
Ion Ratio Lower Upper
117 100
201 77.8 39.3 117.9

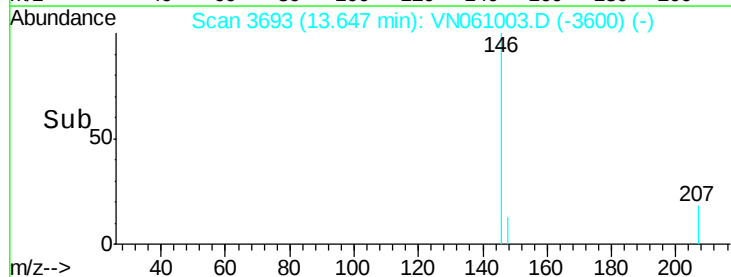
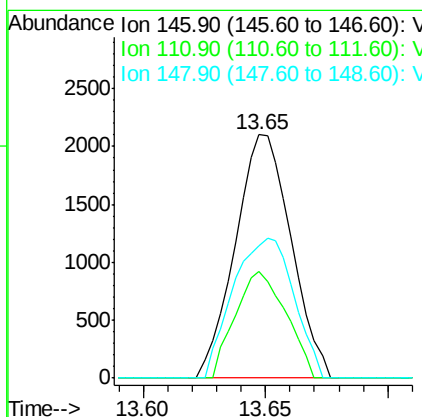
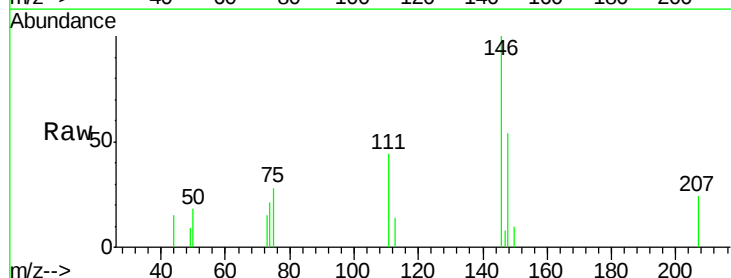
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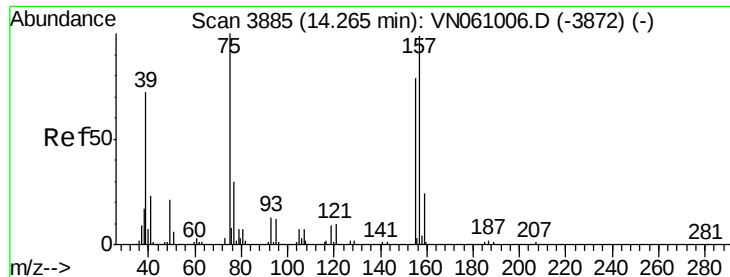
MMDadoda
4/17/2020 11:52:52 AM



#91
1,2-Dichlorobenzene
Concen: 1.018 ug/l
RT: 13.65 min Scan# 3693
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion:146 Resp: 3327
Ion Ratio Lower Upper
146 100
111 40.1 21.3 64.0
148 62.8 32.0 96.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.672 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Instrument :

MSVOA_N

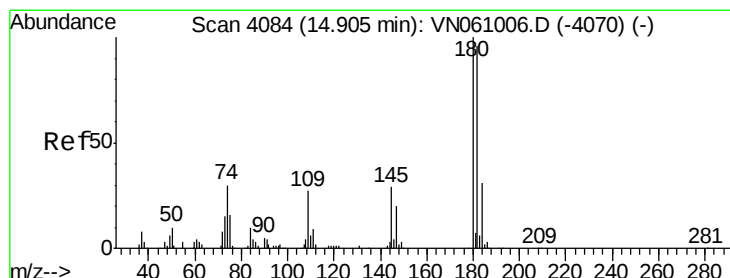
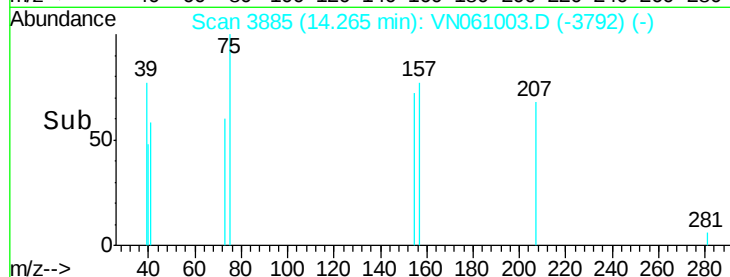
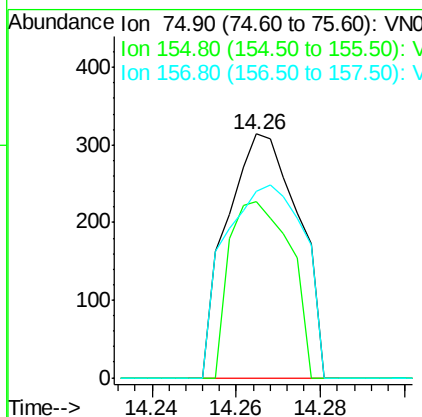
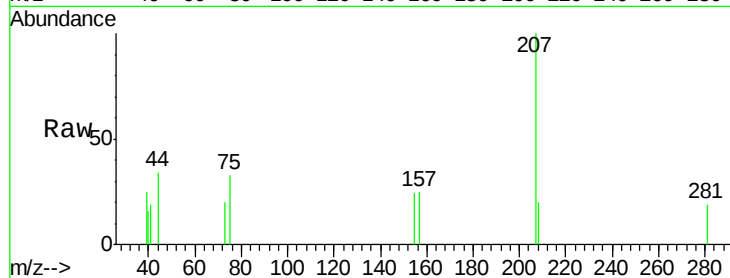
ClientSampled :

VSTDIC001

Tot Ion:	75	Resp:	369
Ion	Ratio	Lower	Upper
75	100		
155	61.5	39.5	118.5
157	87.3	50.1	150.4

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#93

1,2,4-Trichlorobenzene

Concen: 0.824 ug/l

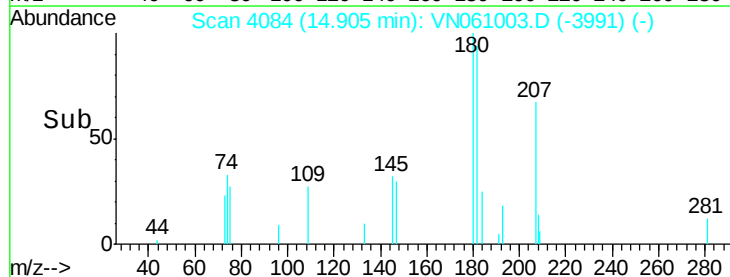
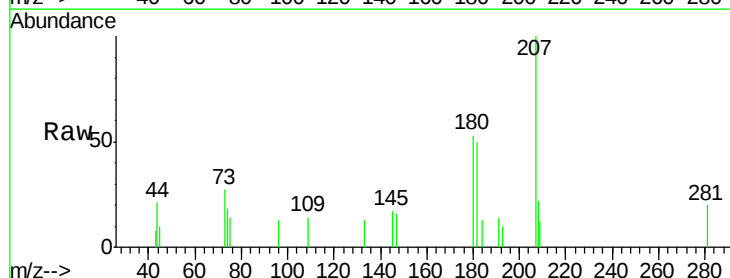
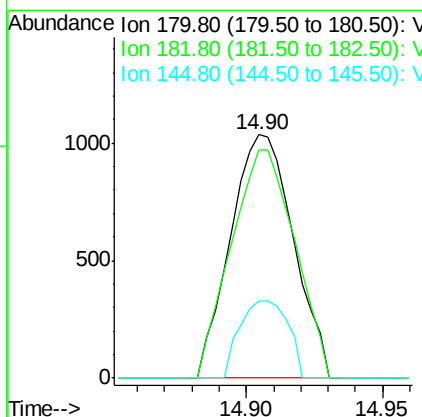
RT: 14.90 min Scan# 4084

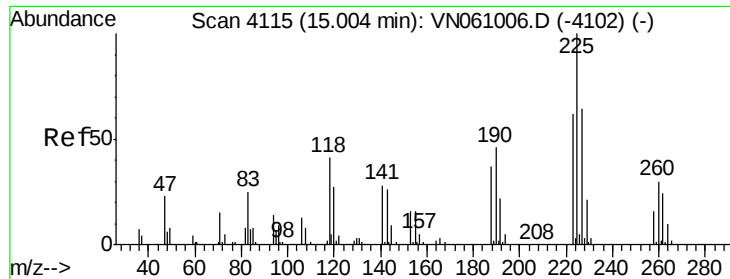
Delta R.T. 0.00 min

Lab File: VN061003.D

Acq: 16 Apr 2020 11:11

Tgt Ion:	180	Resp:	1653
Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	24.4	15.3	45.8





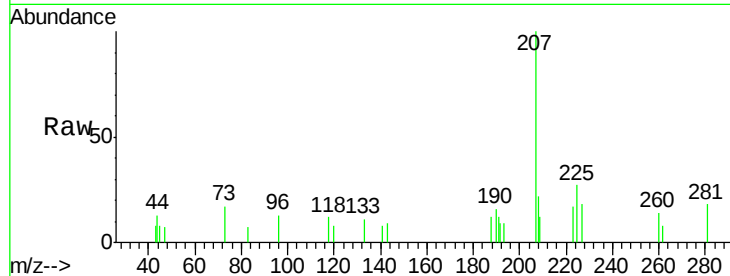
#94
Hexachlorobutadiene
Concen: 0.994 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
225	100		
223	55.1	31.3	93.8
227	64.6	31.9	95.5

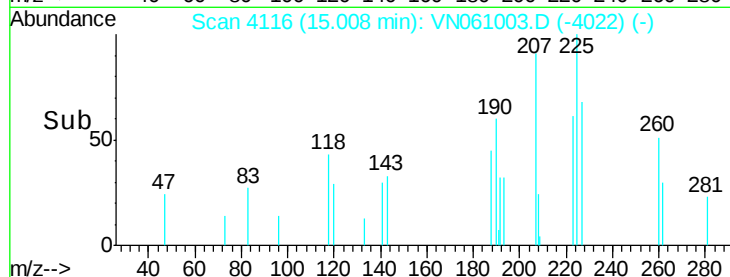
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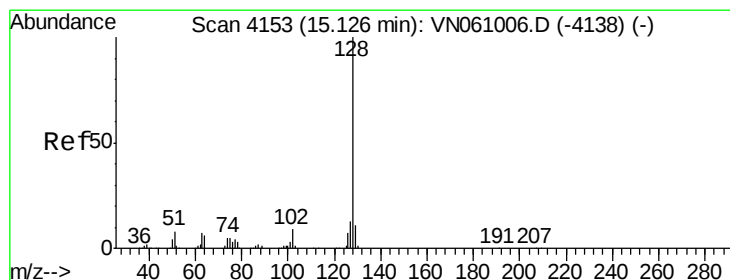


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

15.01

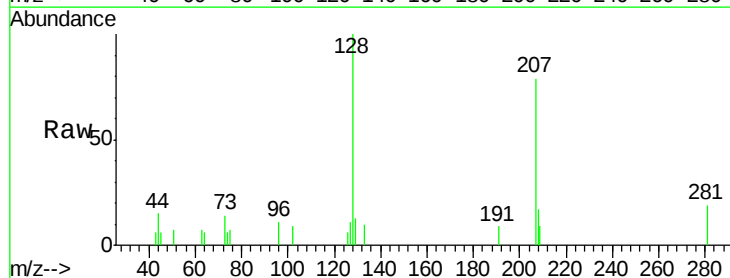


Time-->



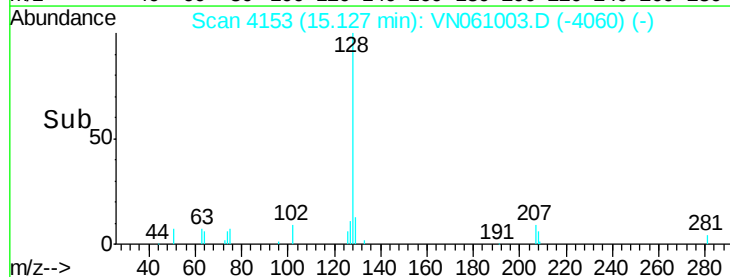
#95
Naphthalene
Concen: 0.764 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN061003.D
Acq: 16 Apr 2020 11:11

Tgt Ion	Ratio	Lower	Upper
128	100		
127	9.3	10.2	15.4#
129	8.9	8.6	13.0

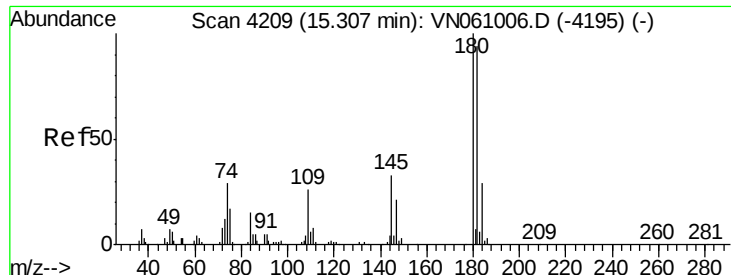


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

15.13



Time-->



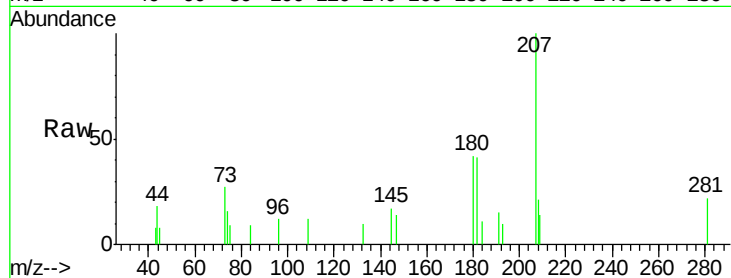
#96
 1,2,3-Trichlorobenzene
 Concen: 0.786 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. 0.00 min
 Lab File: VN061003.D
 Acq: 16 Apr 2020 11:11

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	105.5	47.6	142.8
145	31.8	16.4	49.2

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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

