

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061587.D
 Acq On : 1 Jun 2020 12:17
 Operator : JC/MD
 Sample : VN0601WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 4:01:38 PM

Quant Time: Jun 02 04:06:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	325526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	540895	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	506576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	242598	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	186551	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.54	113	144060	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	10.06	98	608767	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
62) 4-Bromofluorobenzene	12.37	95	215533	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	69474	19.208	ug/l	99
3) Chloromethane	2.03	50	71549	18.021	ug/l	98
4) Vinyl Chloride	2.16	62	94920	17.446	ug/l	100
5) Bromomethane	2.54	94	58280	18.667	ug/l	96
6) Chloroethane	2.67	64	59252	16.919	ug/l	99
7) Trichlorofluoromethane	2.98	101	113458	16.171	ug/l	100
8) Diethyl Ether	3.37	74	38160	17.787	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	58174	18.685	ug/l	98
10) Methyl Iodide	3.91	142	77710	17.980	ug/l	99
11) Tert butyl alcohol	4.72	59	48346	93.716	ug/l	99
12) 1,1-Dichloroethene	3.70	96	57702	17.347	ug/l	96
13) Acrolein	3.56	56	15860	86.028	ug/l	99
14) Allyl chloride	4.27	41	76753	17.650	ug/l	99
15) Acrylonitrile	4.92	53	125910	87.442	ug/l	99
16) Acetone	3.77	43	102037	91.530	ug/l	99
17) Carbon Disulfide	4.00	76	155358	21.229	ug/l	96
18) Methyl Acetate	4.27	43	59905	17.062	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	198652	17.523	ug/l	97
20) Methylene Chloride	4.50	84	68240	18.253	ug/l	95
21) trans-1,2-Dichloroethene	4.98	96	65571	17.480	ug/l	97
22) Diisopropyl ether	5.90	45	170999	17.841	ug/l	97
23) Vinyl Acetate	5.84	43	651005	85.220	ug/l	100
24) 1,1-Dichloroethane	5.79	63	107988	17.768	ug/l	99
25) 2-Butanone	6.78	43	151032	82.167	ug/l	96
26) 2,2-Dichloropropane	6.77	77	100748	18.111	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	77838	18.325	ug/l	99
28) Bromochloromethane	7.15	49	47855	20.141	ug/l	100
29) Tetrahydrofuran	7.16	42	99872	82.397	ug/l	100
30) Chloroform	7.32	83	122462	18.213	ug/l	99
31) Cyclohexane	7.61	56	95129	17.404	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	108546	17.717	ug/l	98
36) 1,1-Dichloropropene	7.75	75	82801	17.292	ug/l	98
37) Ethyl Acetate	6.87	43	65384	16.953	ug/l	96
38) Carbon Tetrachloride	7.73	117	85612	18.536	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	105768	17.921	ug/l	97
40) Benzene	8.00	78	265166	17.948	ug/l	100
41) Methacrylonitrile	7.13	41	32842m	18.586	ug/l	
42) 1,2-Dichloroethane	8.08	62	90584	18.314	ug/l	100
43) Isopropyl Acetate	8.12	43	116302	16.762	ug/l	98
44) Trichloroethene	8.80	130	82370	18.141	ug/l	96
45) 1,2-Dichloropropane	9.08	63	63902	18.215	ug/l	98
46) Dibromomethane	9.17	93	48860	18.160	ug/l	99
47) Bromodichloromethane	9.37	83	99264	18.621	ug/l	100
48) Methyl methacrylate	9.16	41	49390	15.821	ug/l	98
49) 1,4-Dioxane	9.16	88	21278	439.976	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	321486	82.220	ug/l	100
52) Toluene	10.12	92	176098	18.262	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	101773	17.723	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	110772	17.940	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	69860	18.184	ug/l	98
56) Ethyl methacrylate	10.40	69	91127	16.980	ug/l	99
57) 1,3-Dichloropropane	10.68	76	110879	18.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	197897	86.290	ug/l	100
59) 2-Hexanone	10.72	43	226831	80.777	ug/l	98
60) Dibromochloromethane	10.87	129	80101	18.340	ug/l	100
61) 1,2-Dibromoethane	10.98	107	72217	18.024	ug/l	99
64) Tetrachloroethene	10.60	164	84469	17.714	ug/l	99
65) Chlorobenzene	11.40	112	192441	18.276	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	71009	18.111	ug/l	98
67) Ethyl Benzene	11.48	91	331335	18.205	ug/l	97
68) m/p-Xylenes	11.59	106	260243	36.063	ug/l	100
69) o-Xylene	11.92	106	122386	17.856	ug/l	99
70) Styrene	11.94	104	201470	17.750	ug/l	98
71) Bromoform	12.10	173	51845	17.160	ug/l #	97
73) Isopropylbenzene	12.22	105	326998	18.468	ug/l	99
74) N-amyl acetate	12.04	43	94576	16.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	85898	17.311	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	84282m	19.106	ug/l	
77) Bromobenzene	12.50	156	83343	18.440	ug/l	99
78) n-propylbenzene	12.56	91	364360	18.433	ug/l	100
79) 2-Chlorotoluene	12.65	91	214337	18.185	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	274341	18.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	28714	16.645	ug/l	96
82) 4-Chlorotoluene	12.74	91	225200	18.162	ug/l	100
83) tert-Butylbenzene	12.97	119	232209	17.759	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	275454	18.736	ug/l	99
85) sec-Butylbenzene	13.15	105	308775	18.326	ug/l	99
86) p-Isopropyltoluene	13.26	119	289399	18.651	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	146172	18.263	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	148766	18.246	ug/l	99
89) n-Butylbenzene	13.59	91	243612	18.744	ug/l	98
90) Hexachloroethane	13.85	117	36208	21.100	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	144746	18.924	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	15935	15.747	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	81354	18.187	ug/l	99
94) Hexachlorobutadiene	14.98	225	36383	19.071	ug/l	99
95) Naphthalene	15.10	128	238376	17.508	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	81158	18.453	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

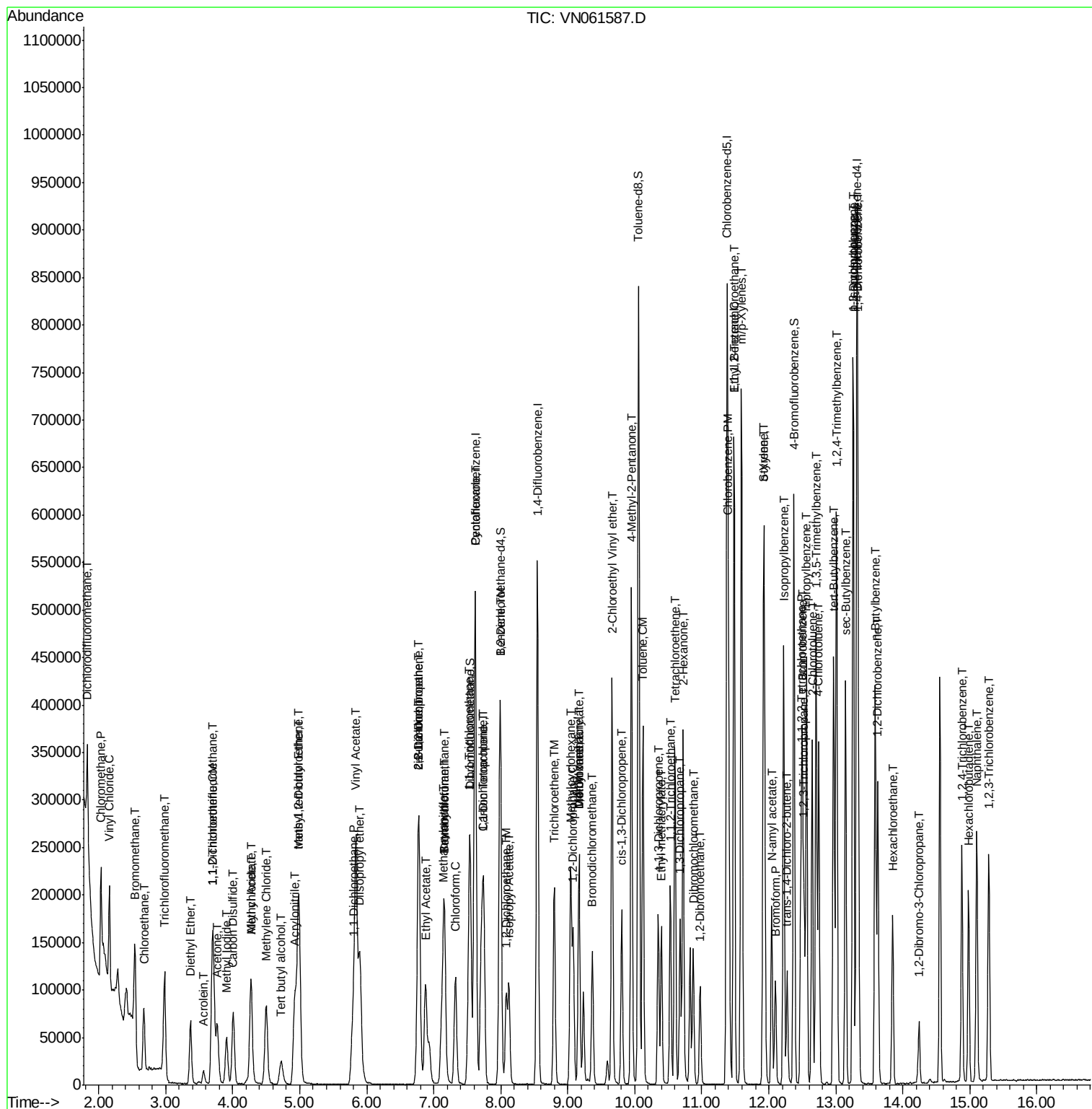
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
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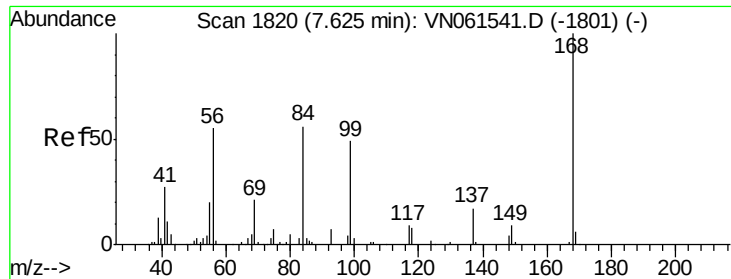
Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

Tot Ion:168 Resp: 325526

Ion Ratio Lower Upper

168 100

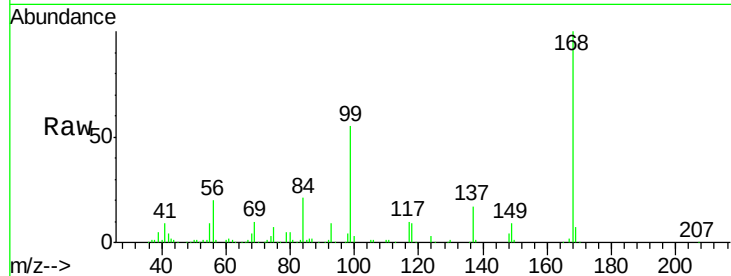
99 54.6 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

150000

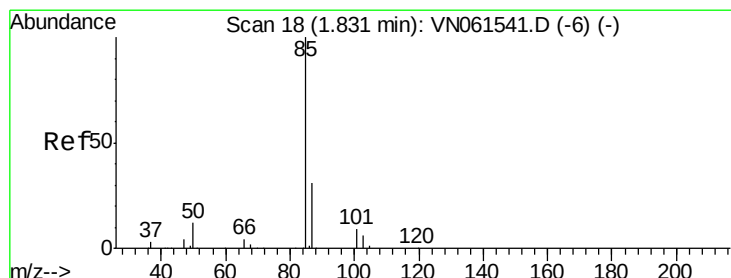
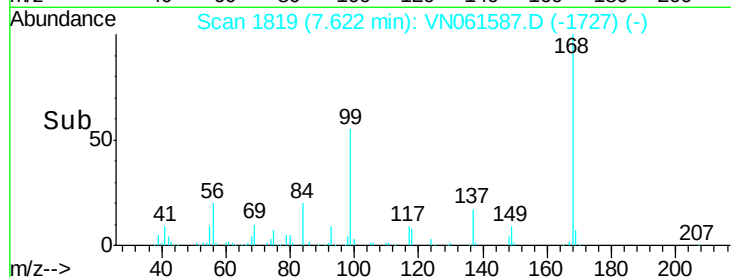
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50000

0

7.50 7.55 7.60 7.65 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.208 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061587.D

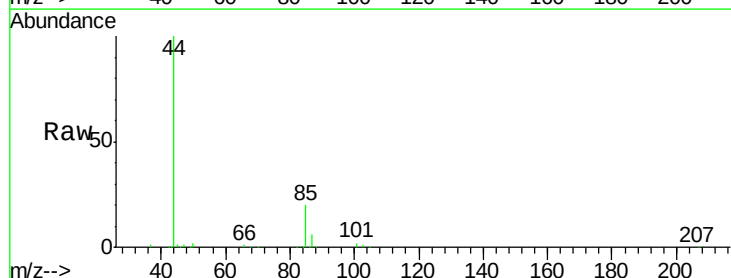
Acq: 1 Jun 2020 12:17

Tgt Ion: 85 Resp: 69474

Ion Ratio Lower Upper

85 100

87 31.7 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

30000

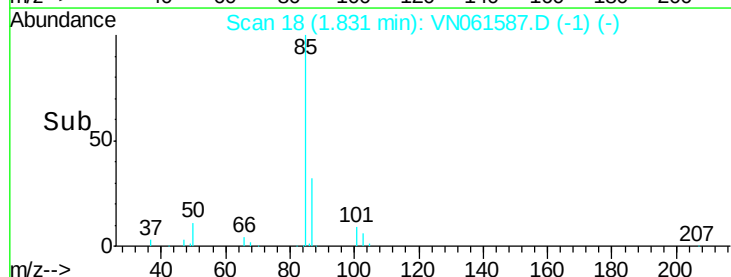
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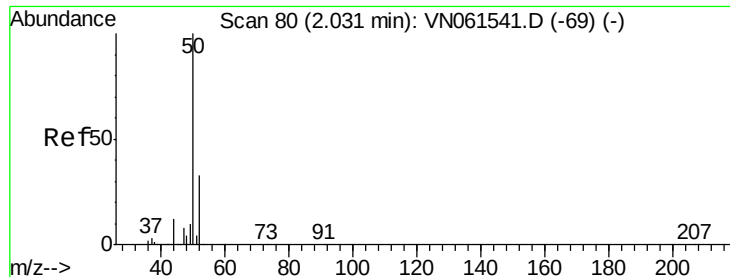
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0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.021 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

Tot Ion: 50 Resp: 71549

Ion Ratio Lower Upper

50 100

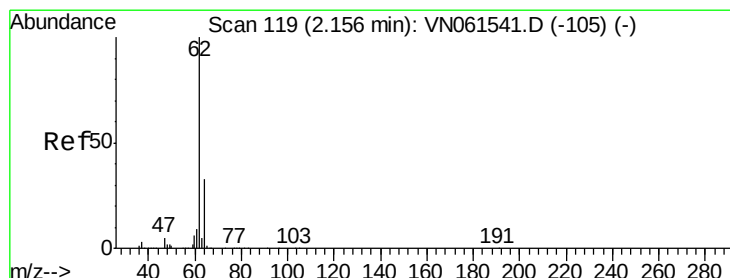
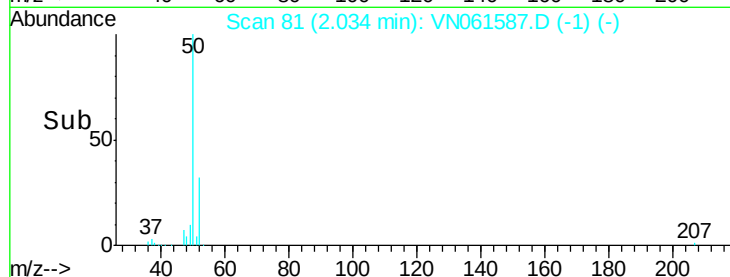
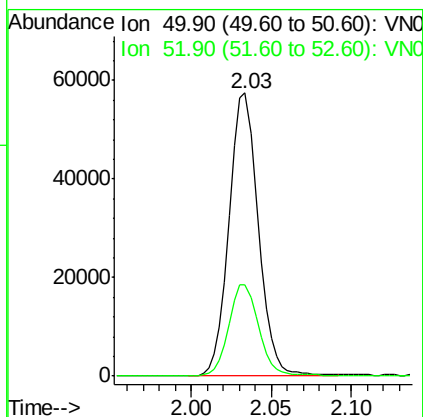
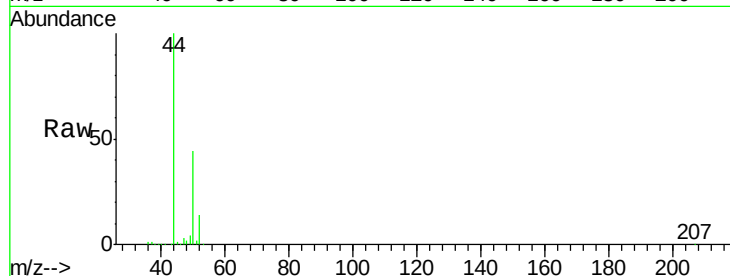
52 32.3 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.446 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061587.D

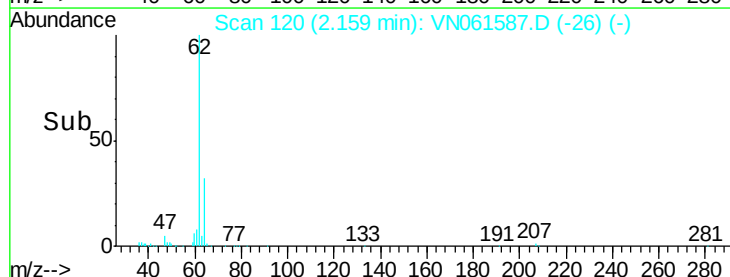
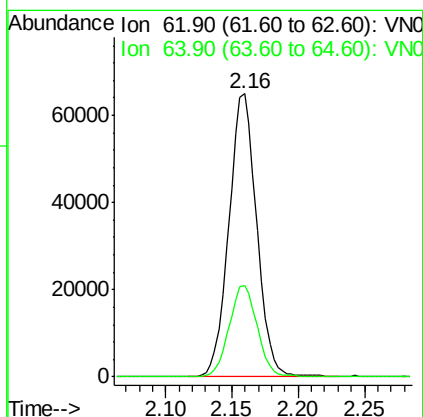
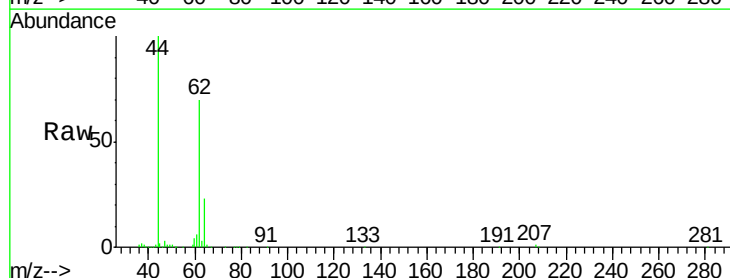
Acq: 1 Jun 2020 12:17

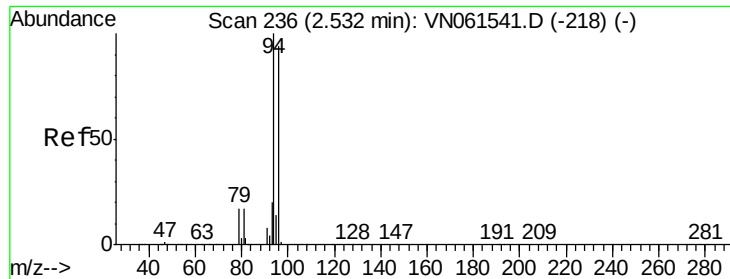
Tgt Ion: 62 Resp: 94920

Ion Ratio Lower Upper

62 100

64 32.5 26.2 39.2





#5

Bromomethane

Concen: 18.667 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.01 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

Tot Ion: 94 Resp: 58280

Ion Ratio Lower Upper

94 100

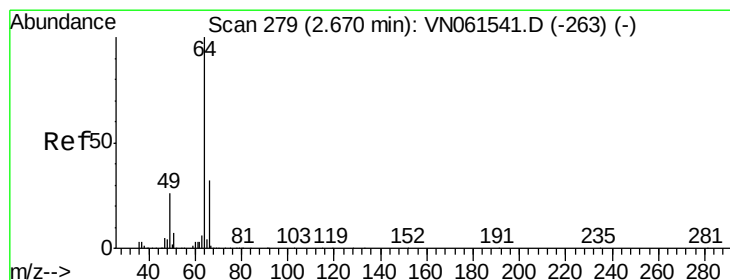
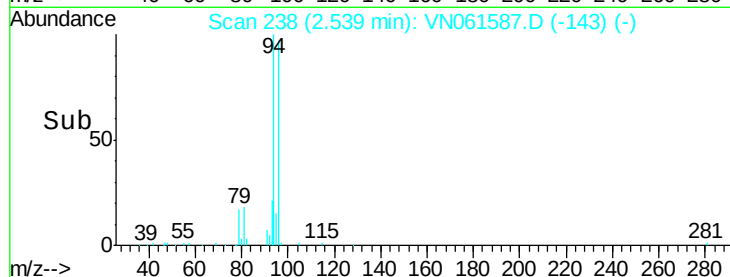
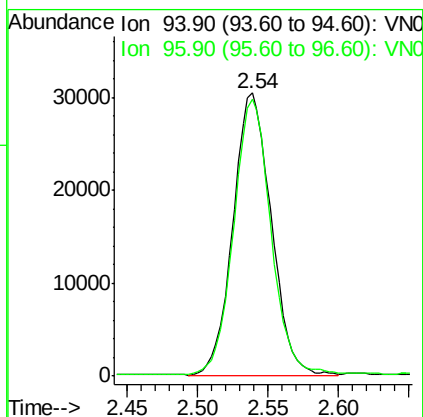
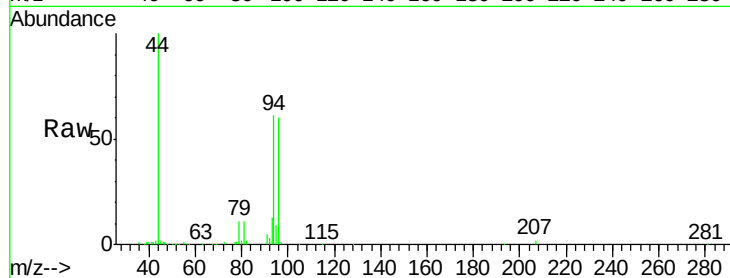
96 97.2 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 16.919 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061587.D

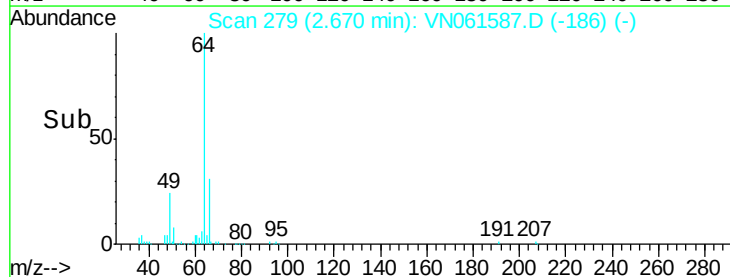
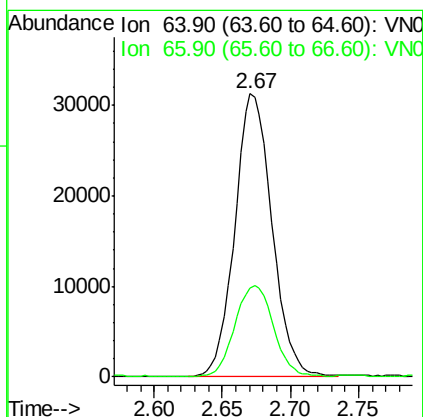
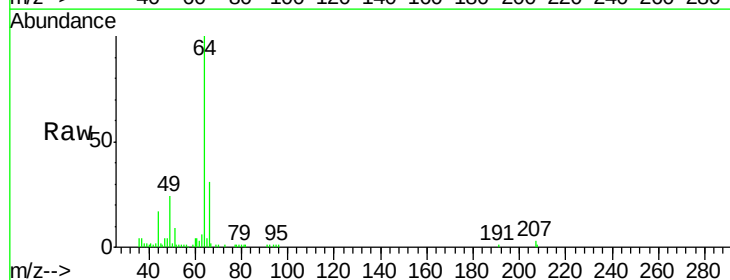
Acq: 1 Jun 2020 12:17

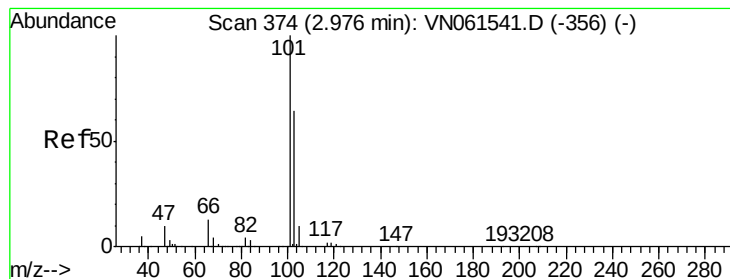
Tgt Ion: 64 Resp: 59252

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4





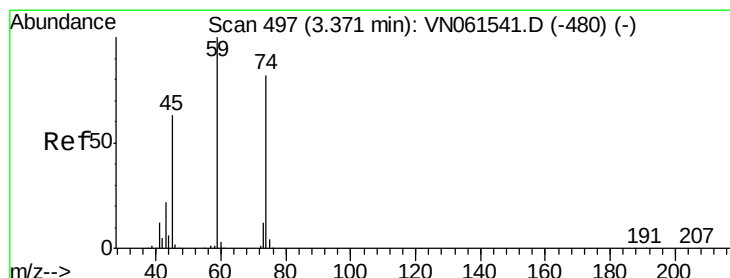
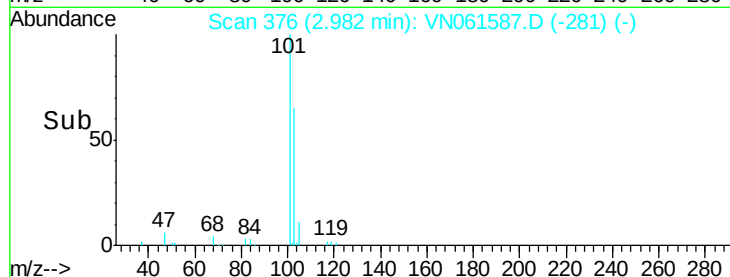
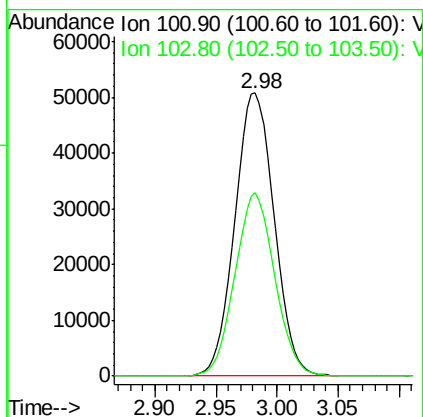
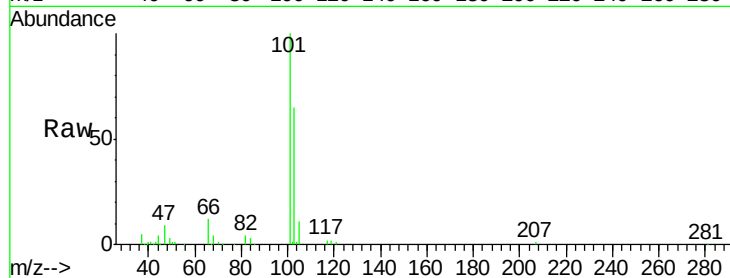
#7
 Trichlorofluoromethane
 Concen: 16.171 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.01 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.4	77.2

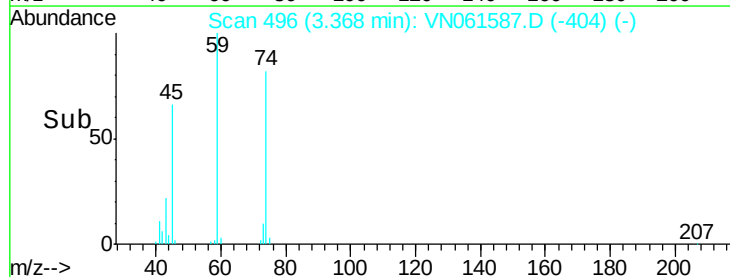
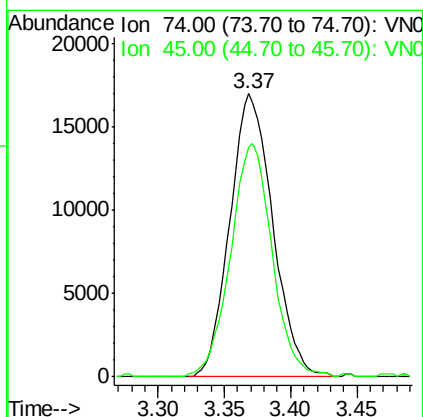
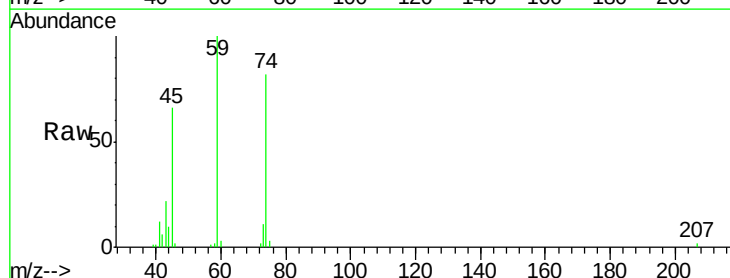
Manual Integrations
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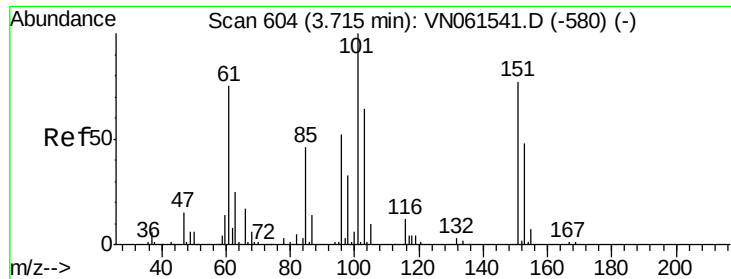
MMDadoda
 6/2/2020 4:01:38 PM



#8
 Diethyl Ether
 Concen: 17.787 ug/l
 RT: 3.37 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.8	39.9	119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.685 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061587.D

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MSVOA_N

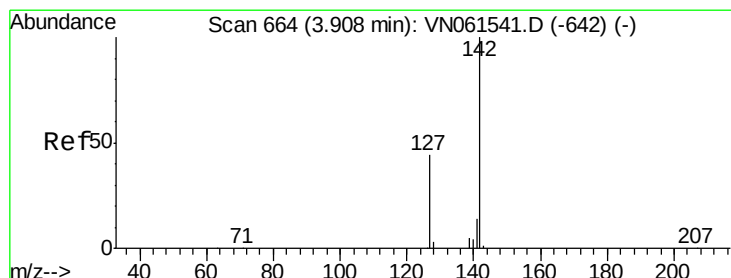
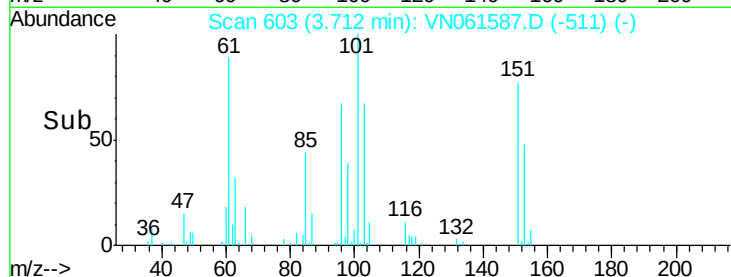
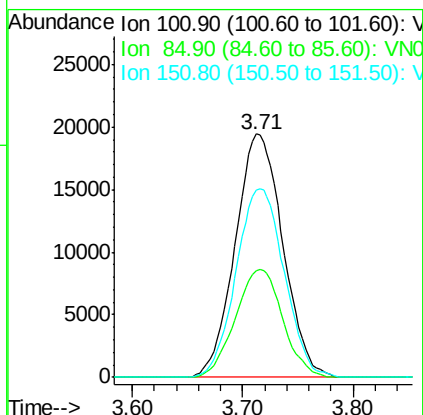
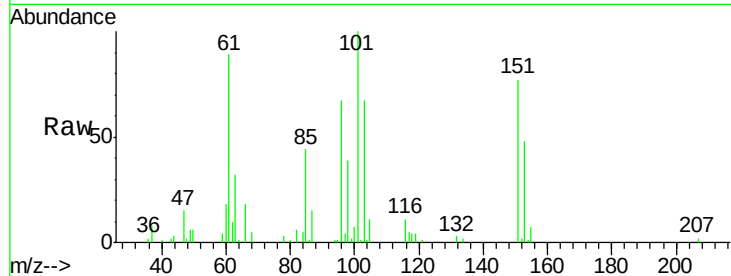
ClientSampleId :

VN0601WBSD01

Tot Ion:	101	Resp:	58174
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.2	52.8
151	78.3	61.0	91.6

Manual Integrations
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#10

Methyl Iodide

Concen: 17.980 ug/l

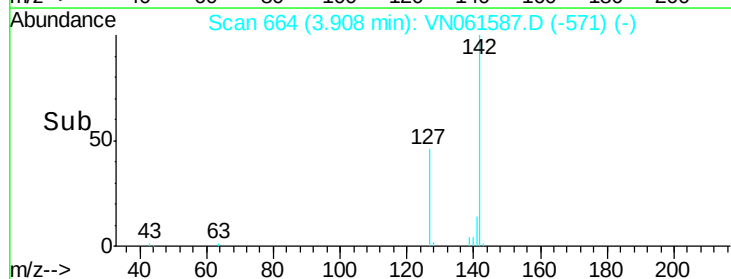
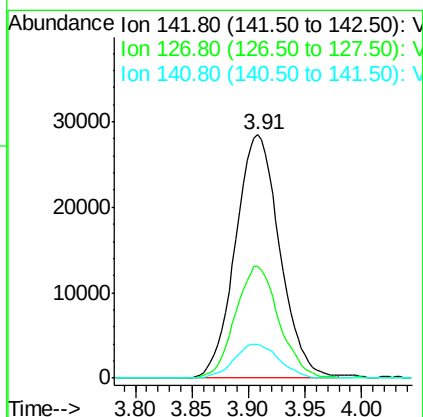
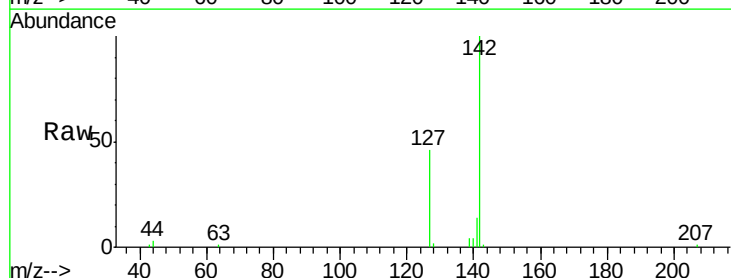
RT: 3.91 min Scan# 664

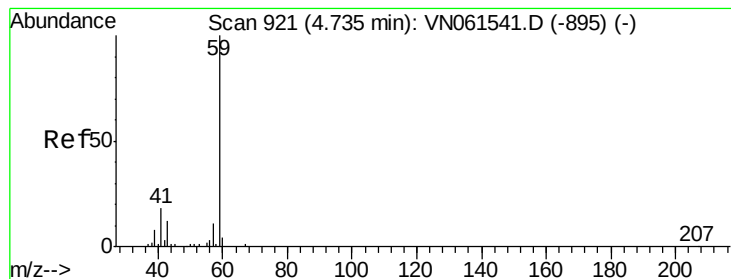
Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion:	142	Resp:	77710
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.5	53.3
141	14.0	11.5	17.3





#11

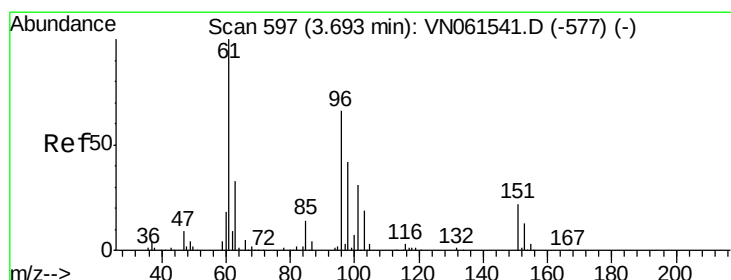
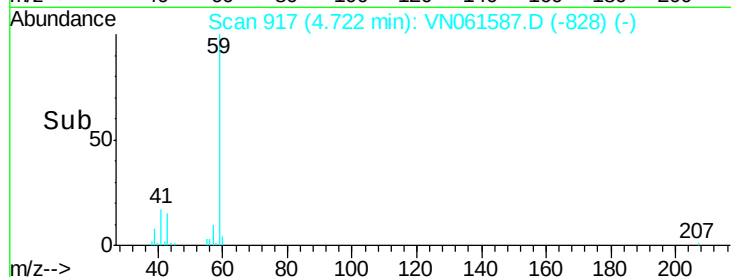
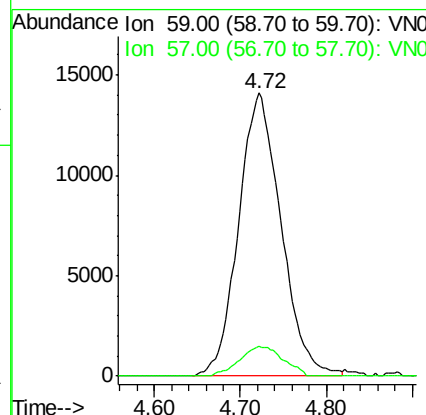
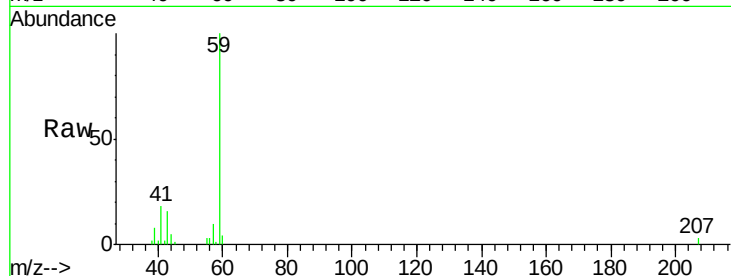
Tert butyl alcohol
 Concen: 93.716 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Tot Ion	59	Resp	48346
Ion Ratio	100	Lower	Upper
57	10.7	8.4	12.6

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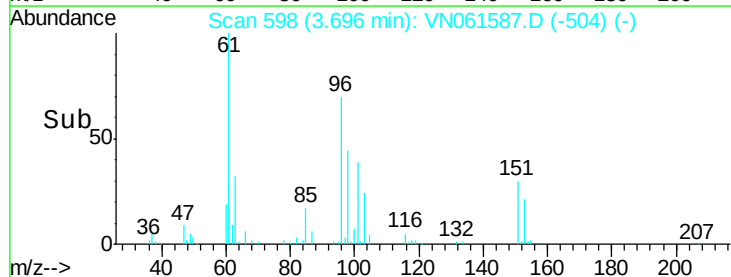
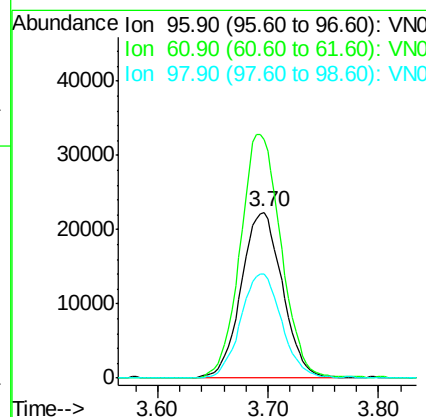
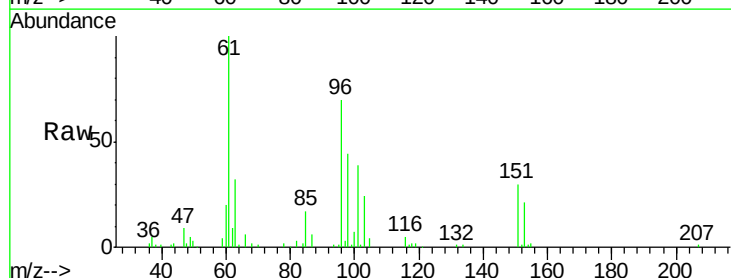
MMDadoda
 6/2/2020 4:01:38 PM

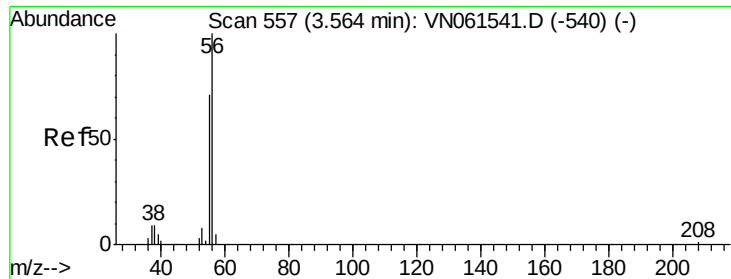


#12

1,1-Dichloroethene
 Concen: 17.347 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	96	Resp	57702
Ion Ratio	100	Lower	Upper
61	143.6	120.5	180.7
98	62.7	50.8	76.2





#13

Acrolein

Concen: 86.028 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampled :

VN0601WBSD01

Tot Ion: 56 Resp: 15860

Ion Ratio Lower Upper

56 100

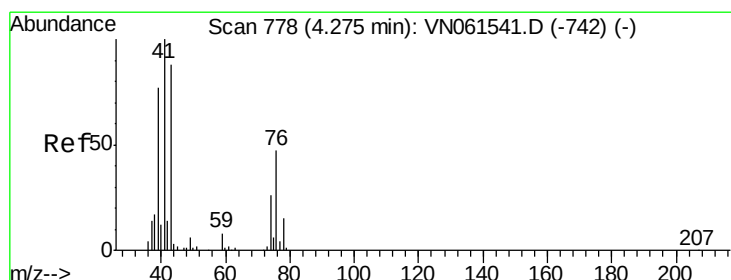
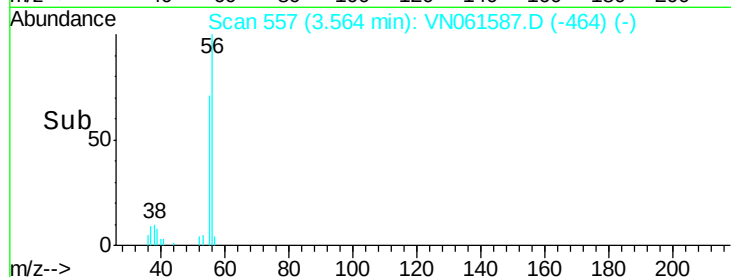
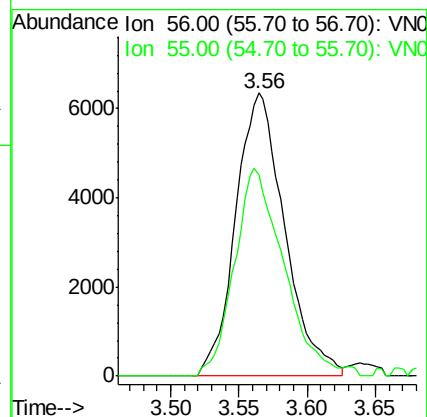
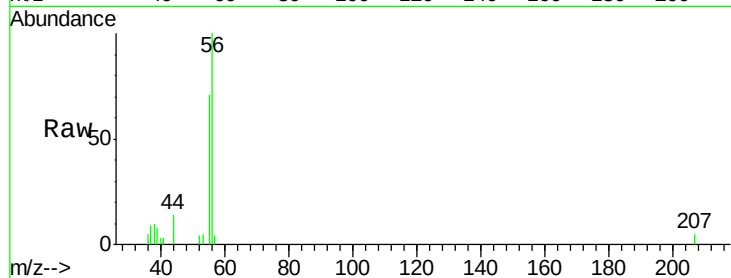
55 73.2 58.0 87.0

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 17.650 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

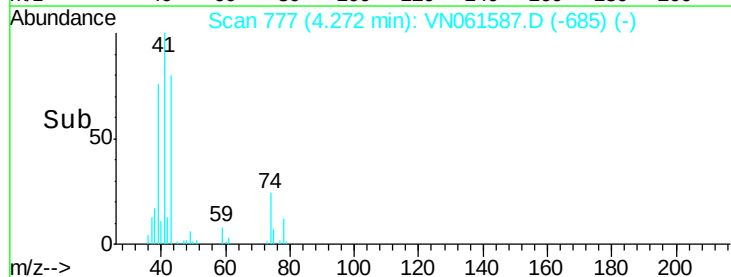
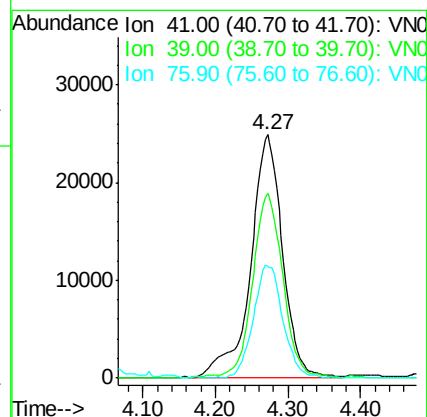
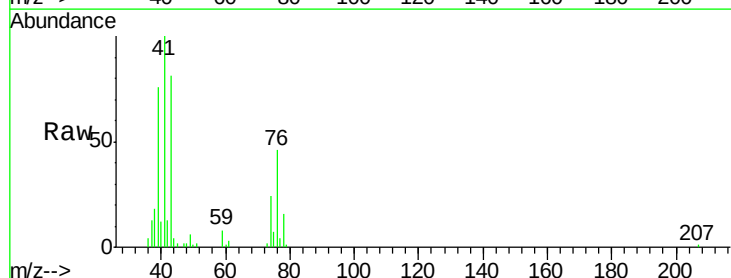
Tgt Ion: 41 Resp: 76753

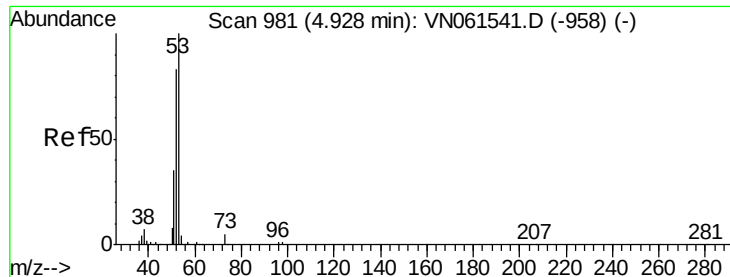
Ion Ratio Lower Upper

41 100

39 71.8 58.6 88.0

76 42.6 34.2 51.4





#15

Acrylonitrile

Concen: 87.442 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

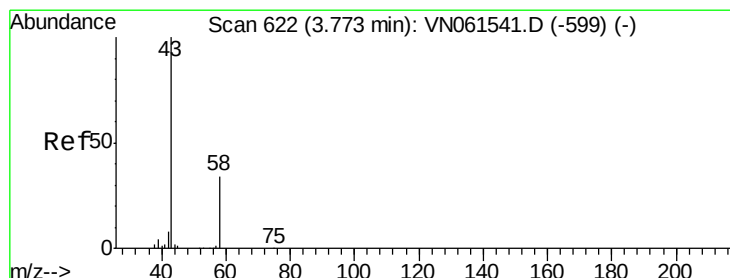
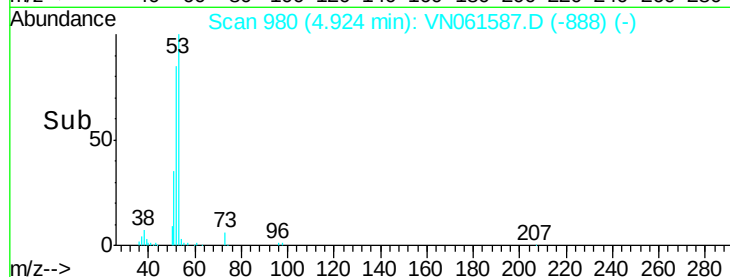
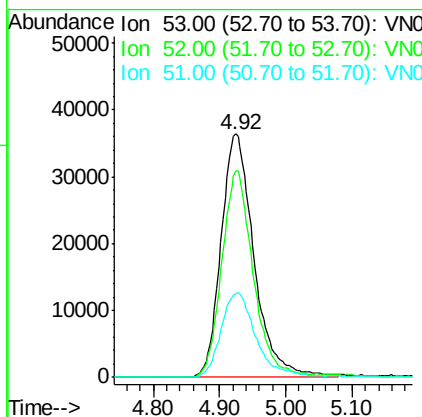
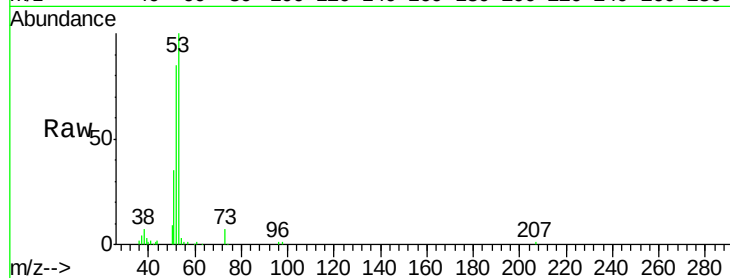
ClientSampleId :

VN0601WBSD01

Tot Ion:	53	Resp:	125910
Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.4	98.2
51	36.6	29.0	43.6

Manual Integrations
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6/2/2020 4:01:38 PM



#16

Acetone

Concen: 91.530 ug/l

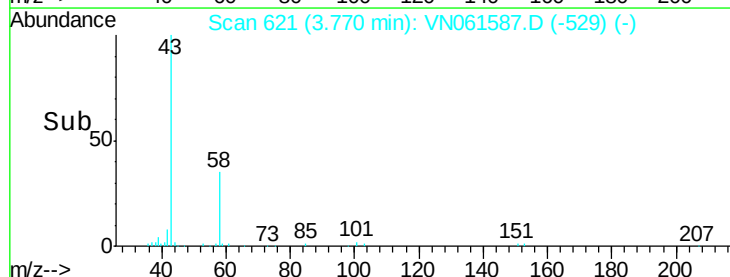
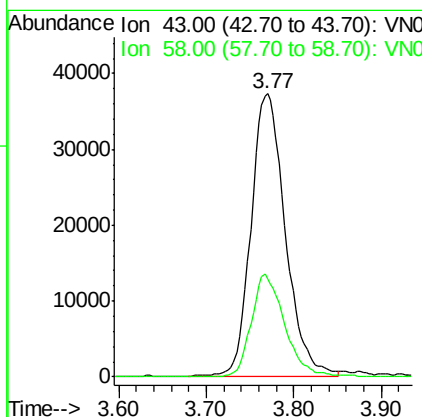
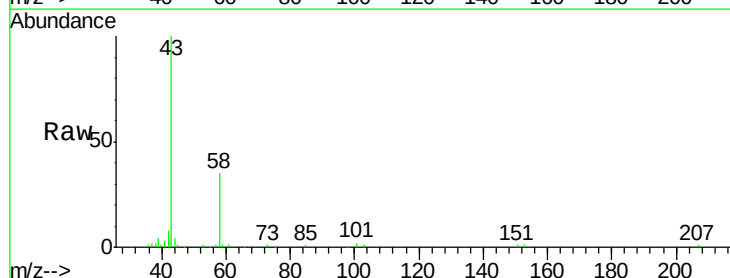
RT: 3.77 min Scan# 621

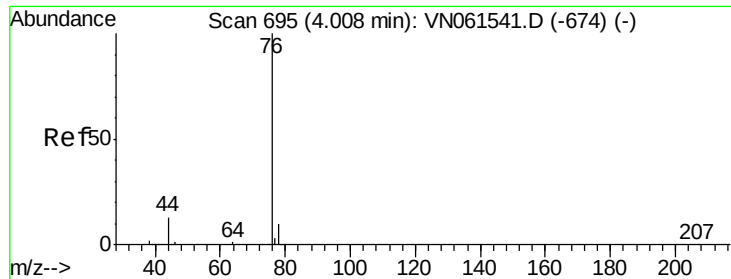
Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion:	43	Resp:	102037
Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.2	40.8





#17

Carbon Disulfide

Concen: 21.229 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

Tot Ion: 76 Resp: 155358

Ion Ratio Lower Upper

76 100

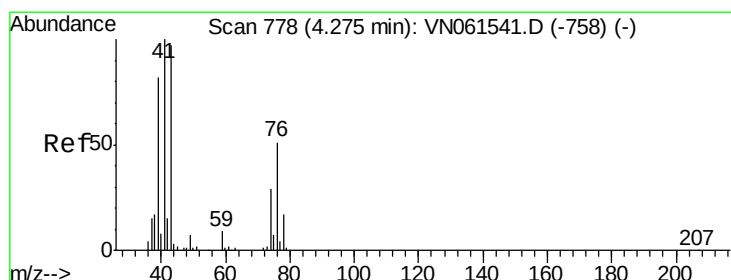
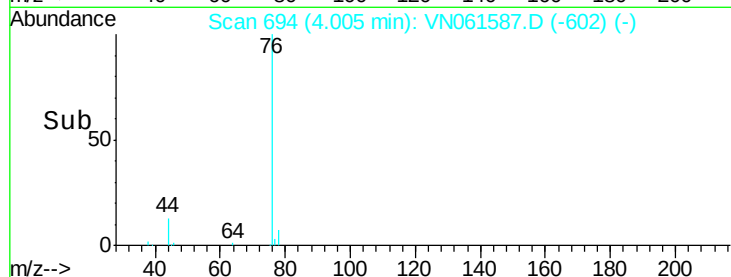
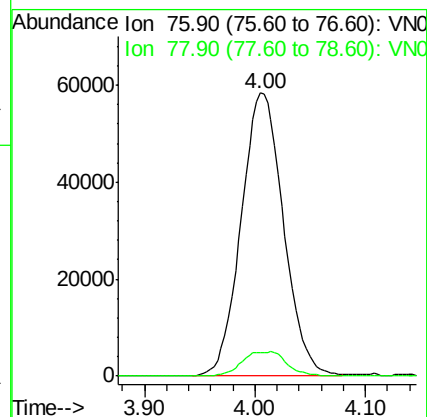
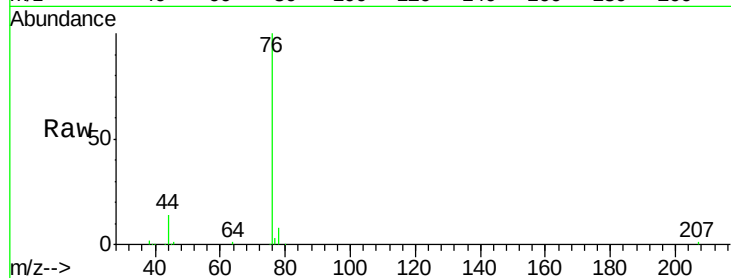
78 8.3 7.8 11.6

Manual Integrations

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#18

Methyl Acetate

Concen: 17.062 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061587.D

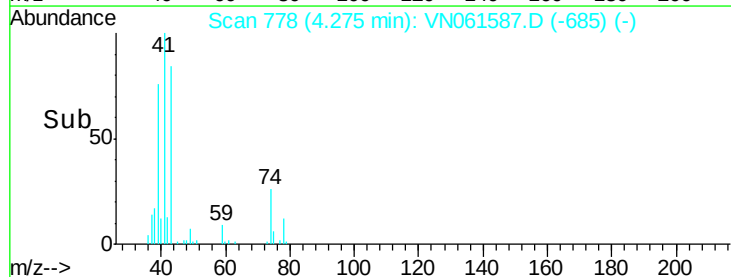
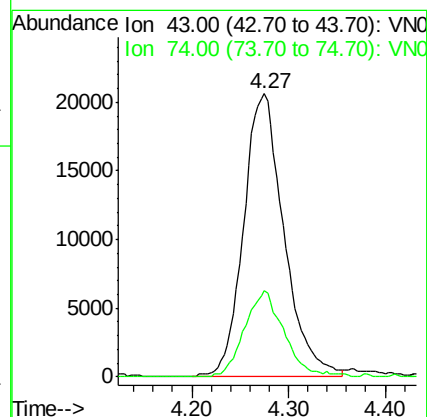
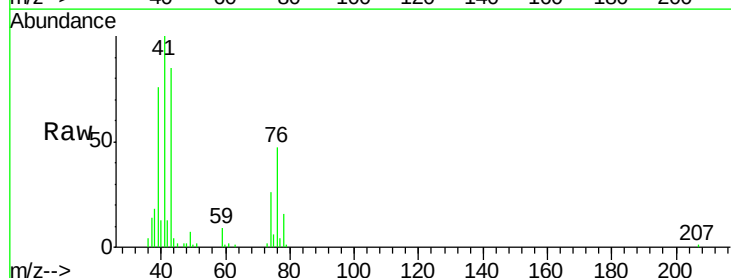
Acq: 1 Jun 2020 12:17

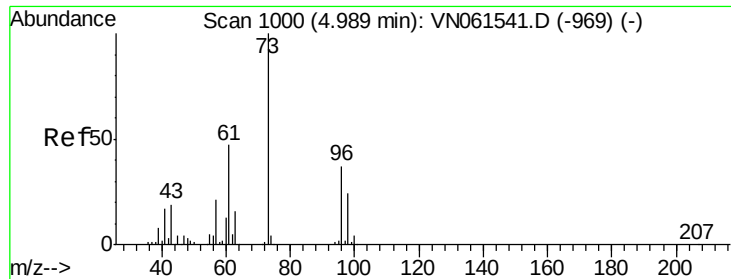
Tgt Ion: 43 Resp: 59905

Ion Ratio Lower Upper

43 100

74 29.1 23.2 34.8





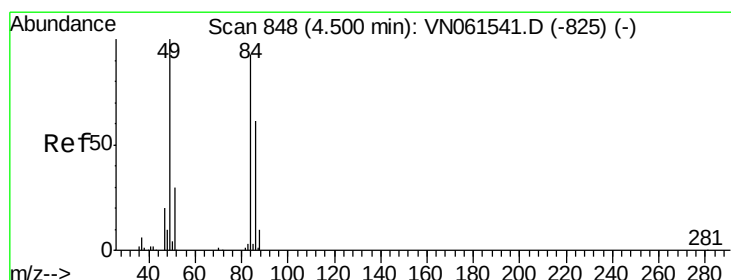
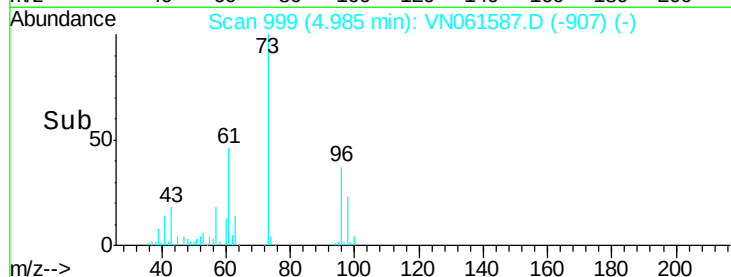
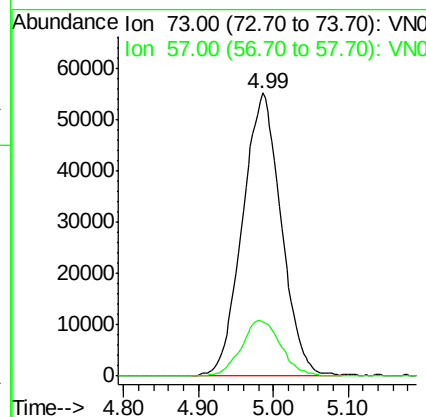
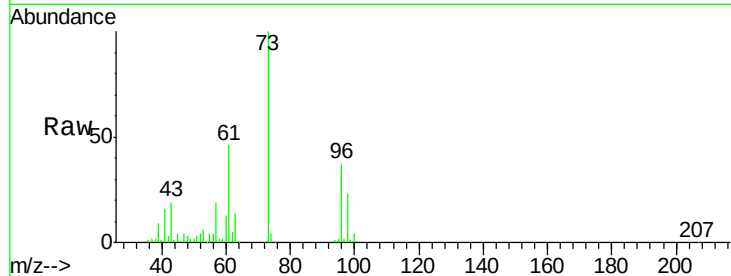
#19
Methvl tert-butvl Ether
Concen: 17.523 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.1	16.4	24.6

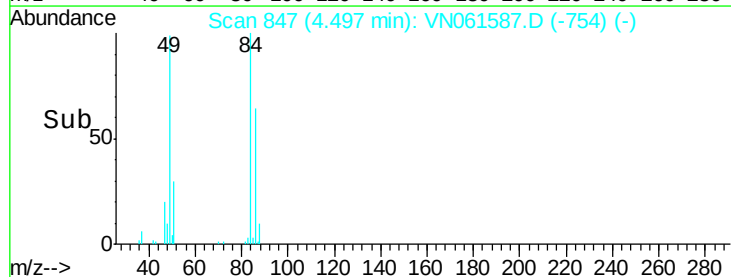
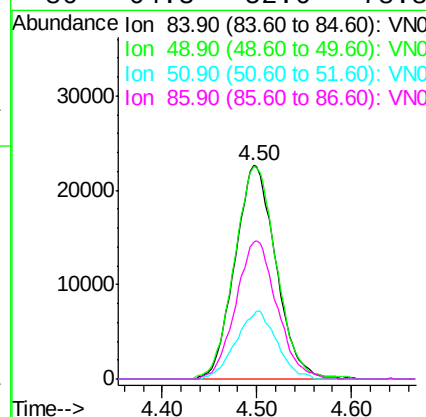
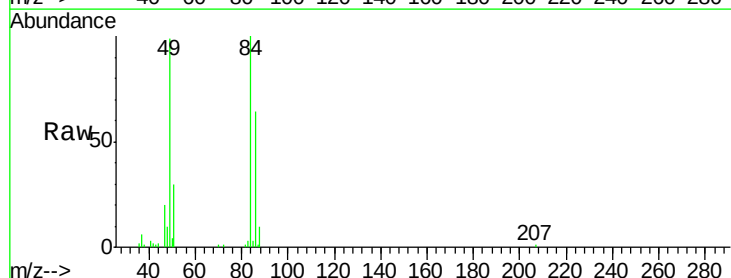
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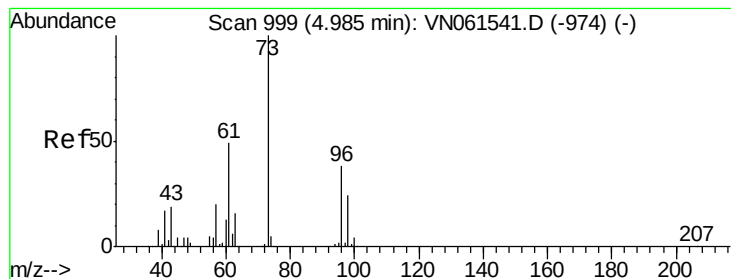
MMDadoda
6/2/2020 4:01:38 PM



#20
Methylene Chloride
Concen: 18.253 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	99.2	85.8	128.8
51	29.9	26.2	39.2
86	64.3	52.6	78.8





#21

trans-1,2-Dichloroethene

Concen: 17.480 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

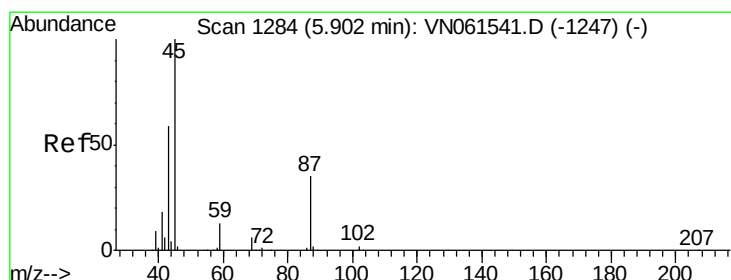
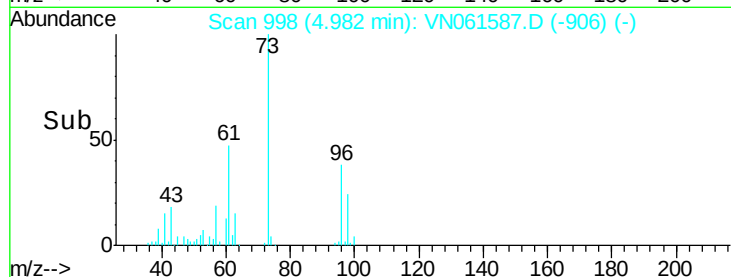
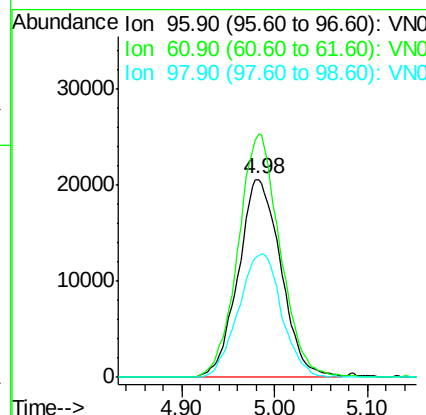
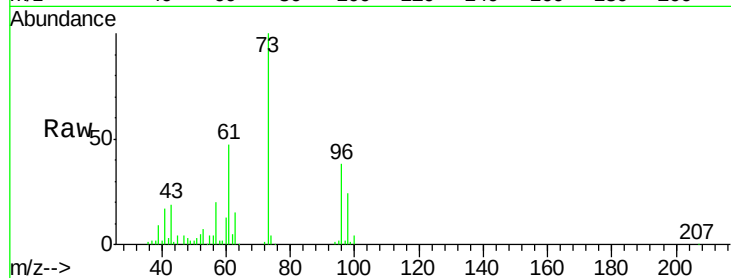
ClientSampleId :

VN0601WBSD01

Tot Ion:	96	Resp:	65571
Ion	Ratio	Lower	Upper
96	100		
61	123.0	101.4	152.0
98	61.4	50.6	76.0

Manual Integrations
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6/2/2020 4:01:38 PM



#22

Diisopropyl ether

Concen: 17.841 ug/l

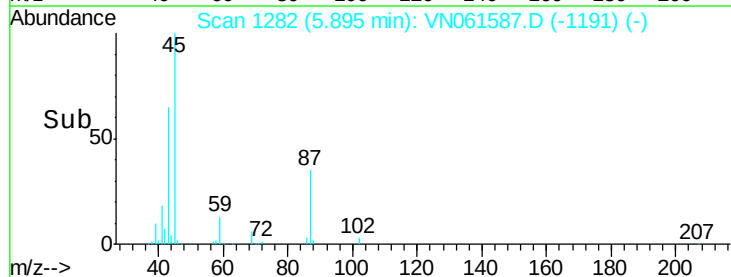
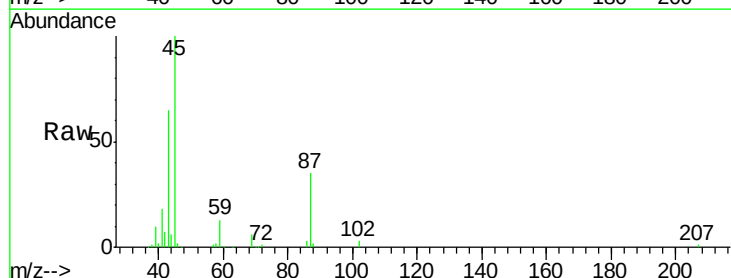
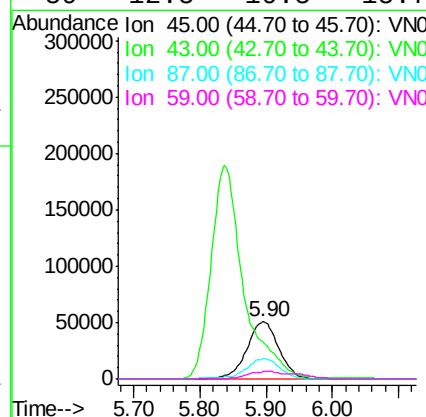
RT: 5.90 min Scan# 1282

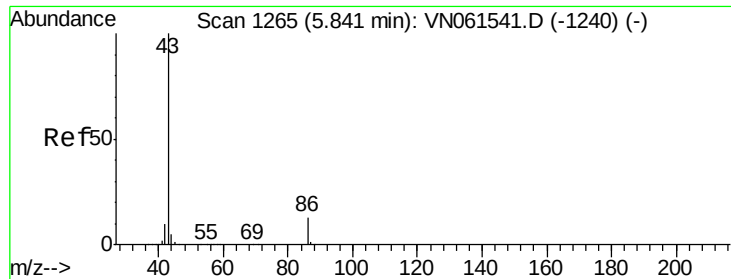
Delta R.T. -0.01 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion:	45	Resp:	170999
Ion	Ratio	Lower	Upper
45	100		
43	63.2	47.9	71.9
87	34.8	28.4	42.6
59	12.5	10.5	15.7





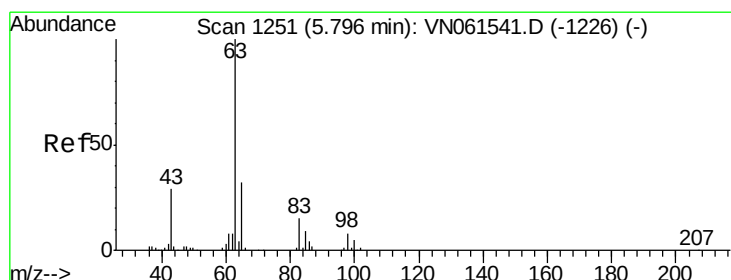
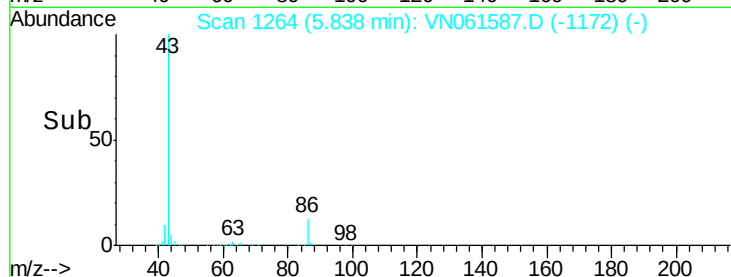
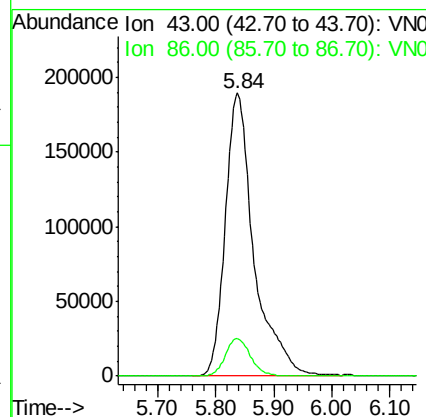
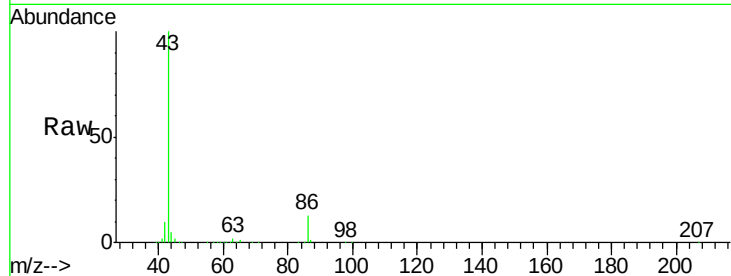
#23
 Vinyl Acetate
 Concen: 85.220 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Tot Ion	43	Resp	651005
Ion Ratio	100	Lower	Upper
43	100		
86	13.3	10.6	16.0

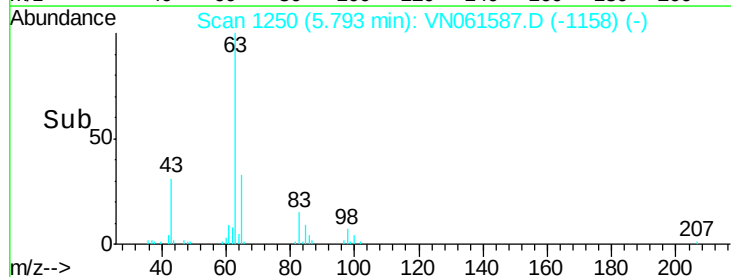
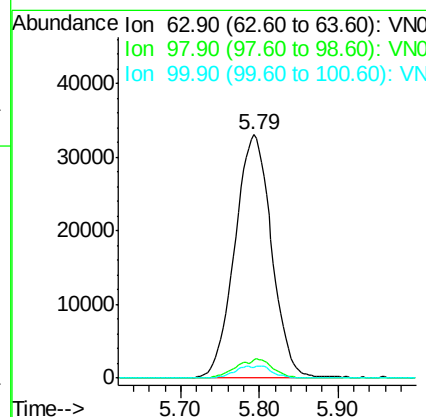
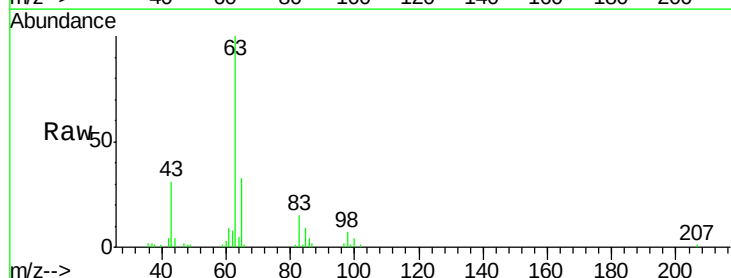
Manual Integrations
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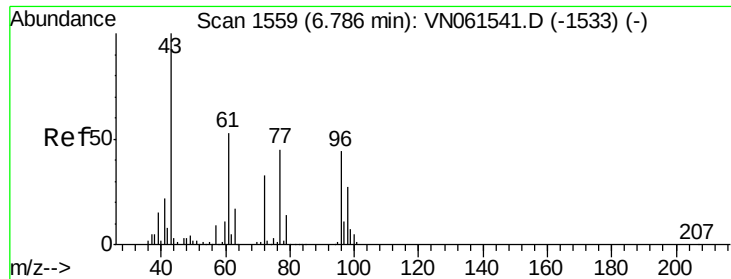
MMDadoda
 6/2/2020 4:01:38 PM



#24
 1,1-Dichloroethane
 Concen: 17.768 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	63	Resp	107988
Ion Ratio	100	Lower	Upper
63	100		
98	7.3	3.8	11.4
100	4.4	2.5	7.6





#25

2-Butanone

Concen: 82.167 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.01 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

Tot Ion: 43 Resp: 151032

Ion Ratio Lower Upper

43 100

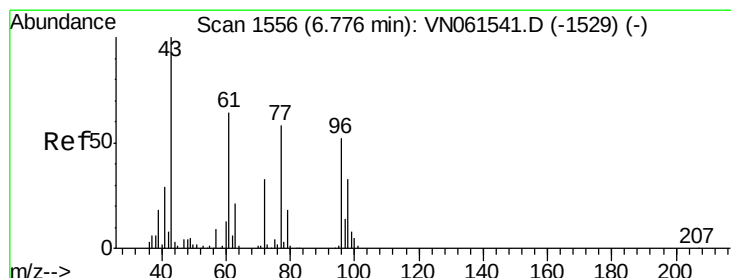
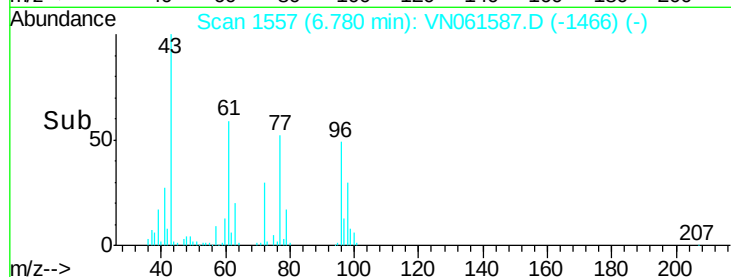
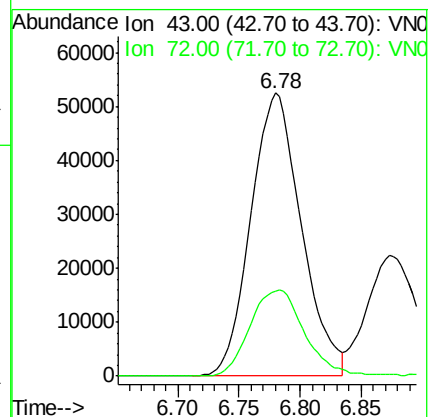
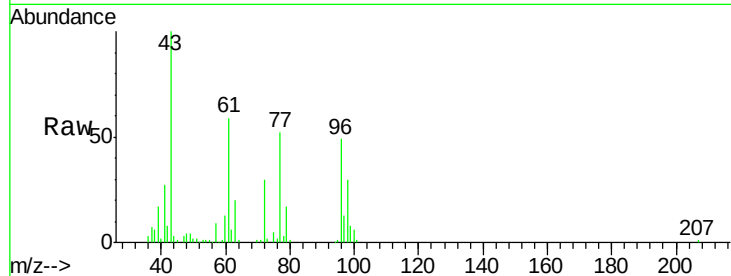
72 30.2 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

6/2/2020 4:01:38 PM



#26

2,2-Dichloropropane

Concen: 18.111 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN061587.D

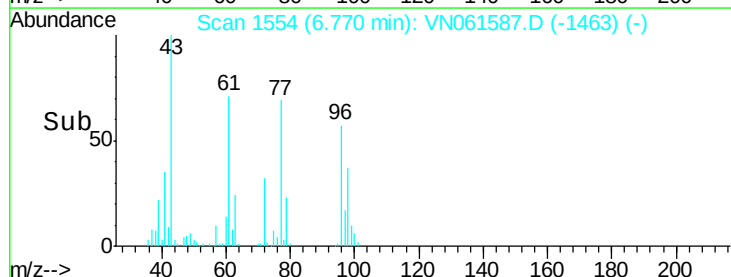
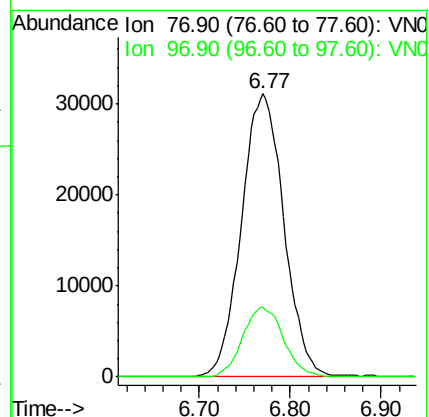
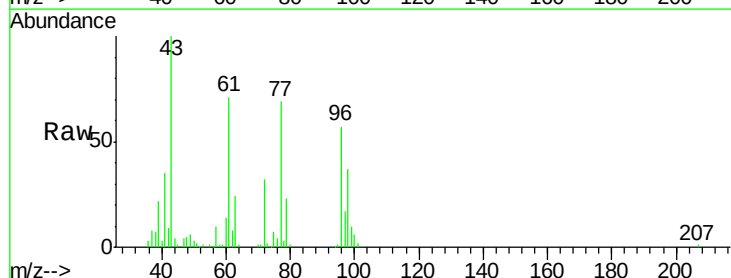
Acq: 1 Jun 2020 12:17

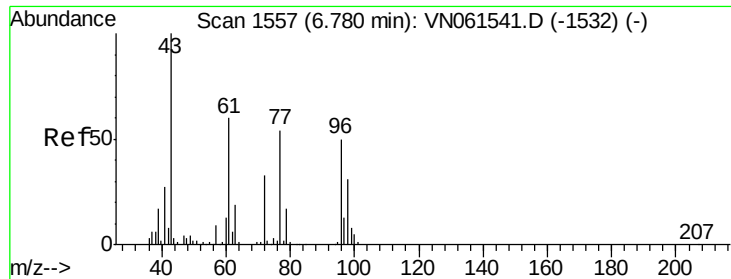
Tgt Ion: 77 Resp: 100748

Ion Ratio Lower Upper

77 100

97 23.6 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 18.325 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

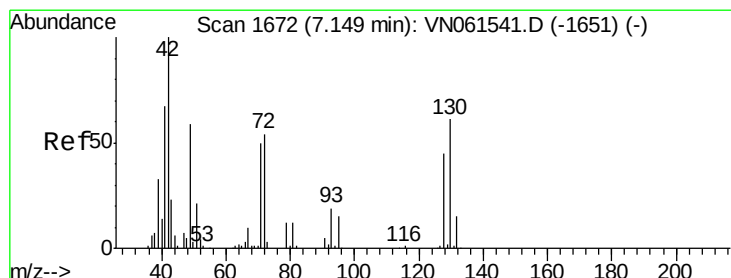
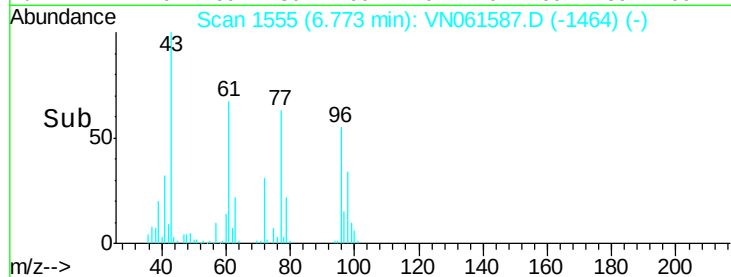
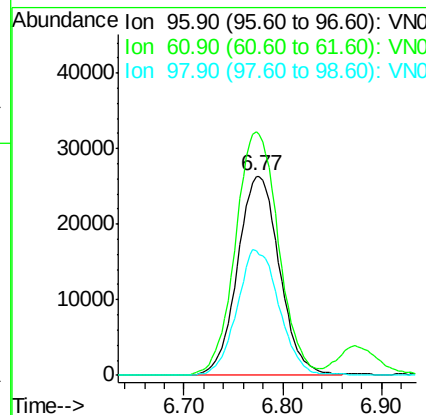
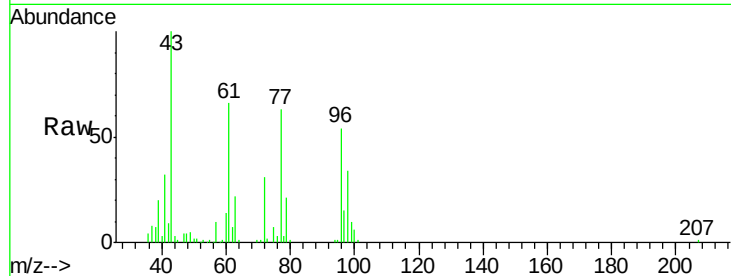
ClientSampleId :

VN0601WBSD01

Tot Ion:	96	Resp:	77838
Ion	Ratio	Lower	Upper
96	100		
61	125.2	0.0	252.2
98	63.3	0.0	129.2

Manual Integrations
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#28

Bromochloromethane

Concen: 20.141 ug/l

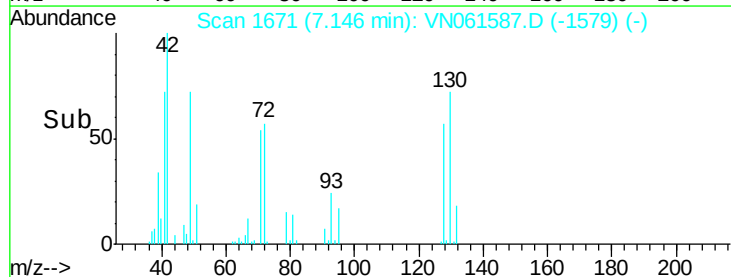
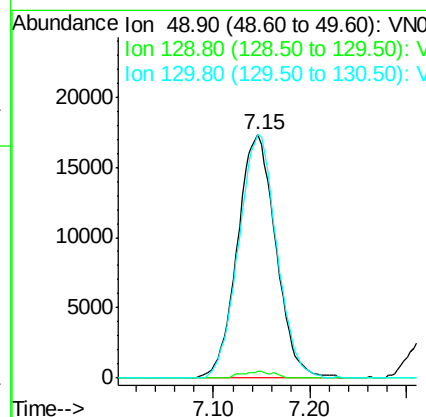
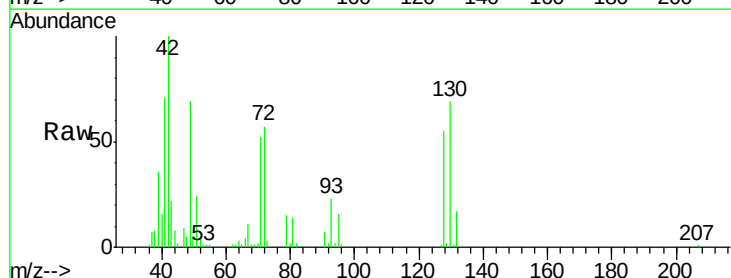
RT: 7.15 min Scan# 1671

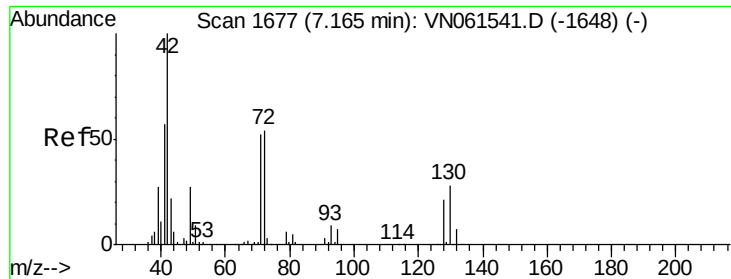
Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion:	49	Resp:	47855
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	99.0	78.8	118.2





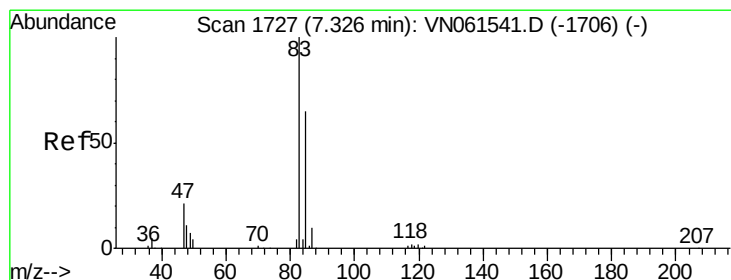
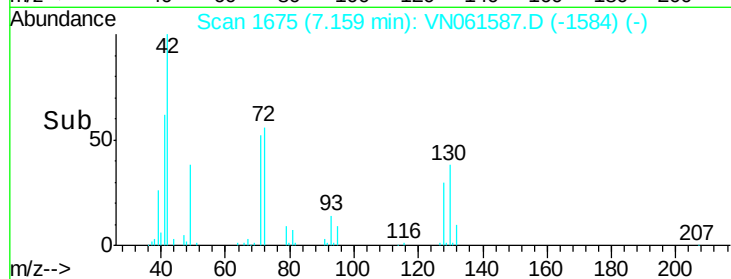
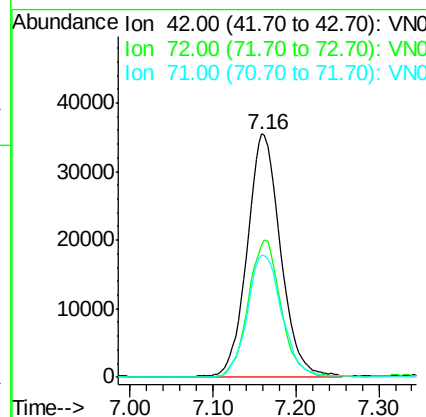
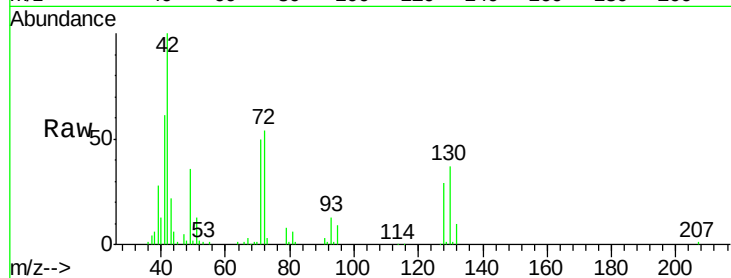
#29
Tetrahydrofuran
Concen: 82.397 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.6	43.6	65.4
71	51.6	41.2	61.8

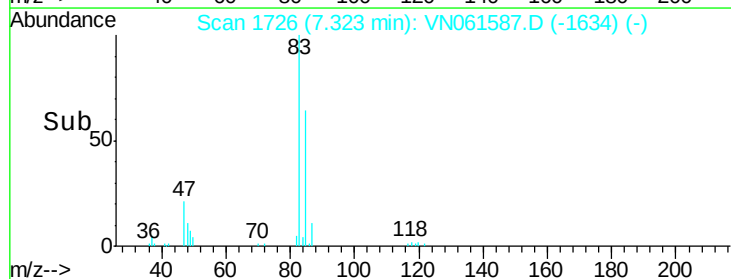
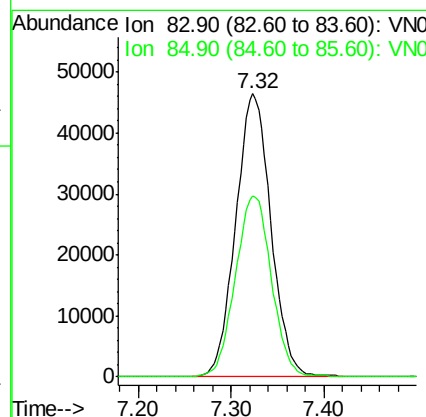
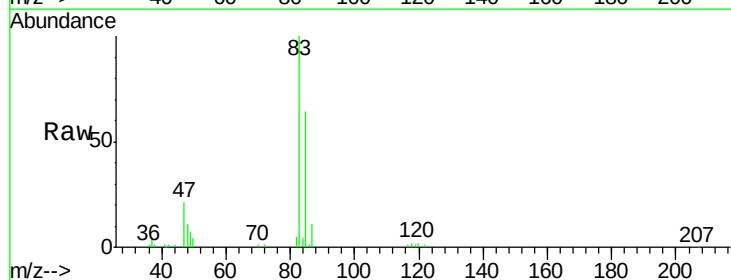
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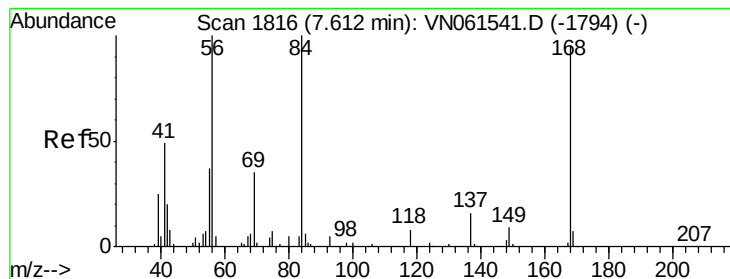
MMDadoda
6/2/2020 4:01:38 PM



#30
Chloroform
Concen: 18.213 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.7	77.5





#31

Cyclohexane

Concen: 17.404 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

Tot Ion: 56 Resp: 95129

Ion Ratio Lower Upper

56 100

69 43.7 27.8 41.8#

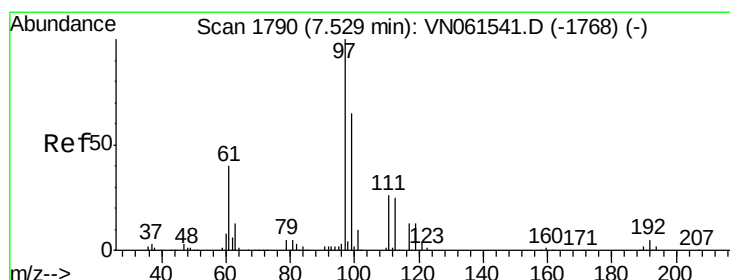
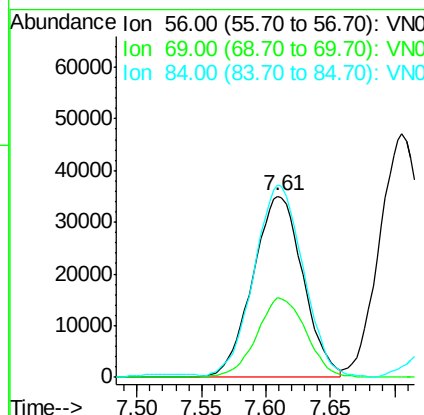
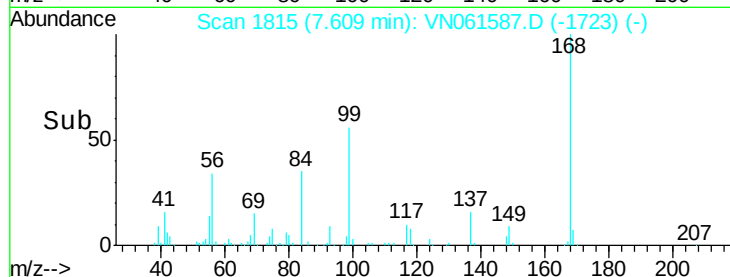
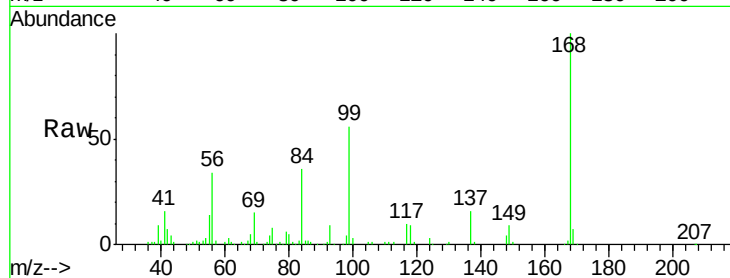
84 104.8 79.9 119.9

Manual Integrations

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6/2/2020 4:01:38 PM



#32

1,1,1-Trichloroethane

Concen: 17.717 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

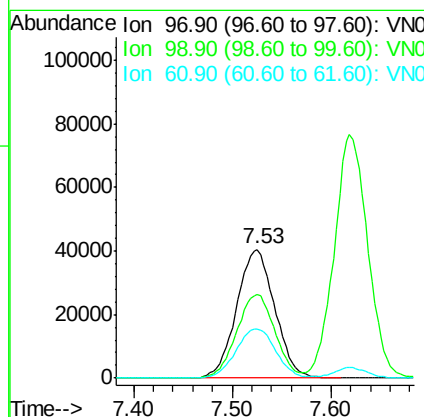
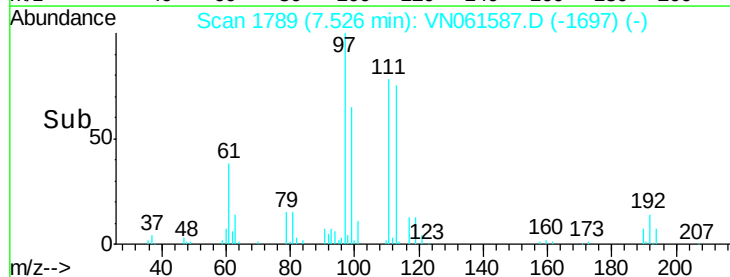
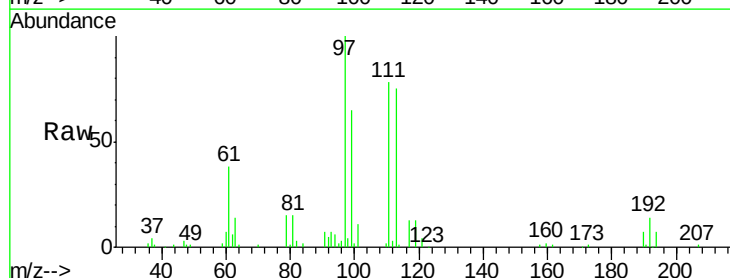
Tgt Ion: 97 Resp: 108546

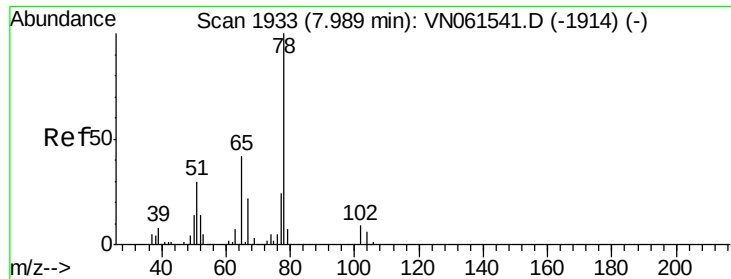
Ion Ratio Lower Upper

97 100

99 65.6 51.4 77.0

61 40.1 31.4 47.0





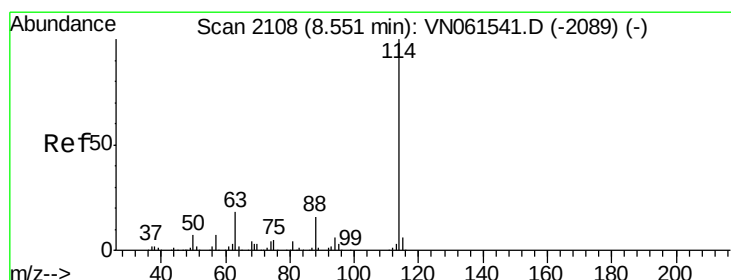
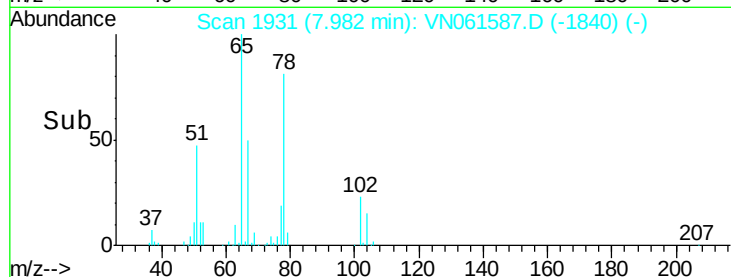
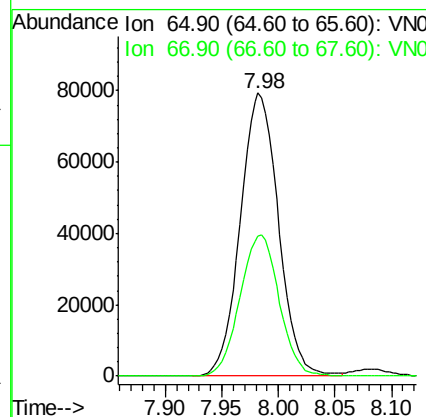
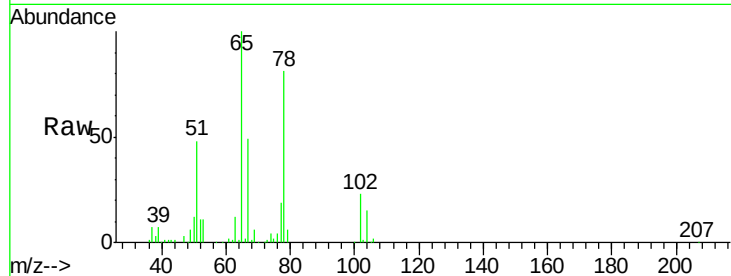
#33
 1,2-Dichloroethane-d4
 Concen: 48.100 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	186551		
67	51.1	0.0	104.8	

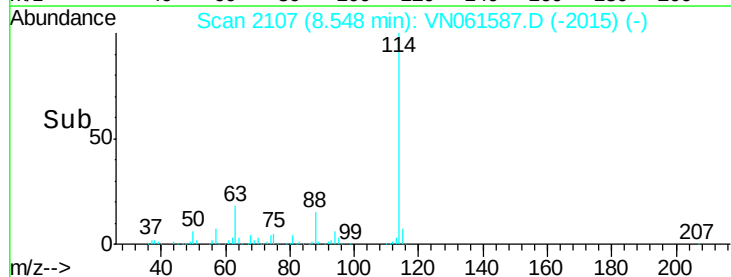
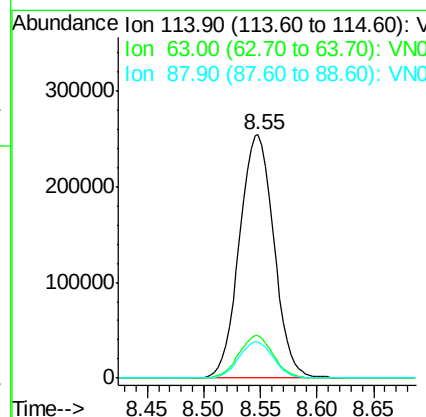
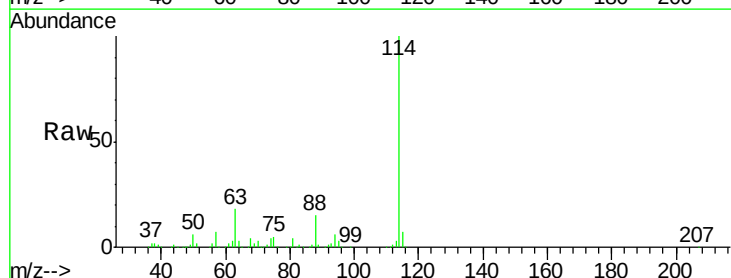
Manual Integrations
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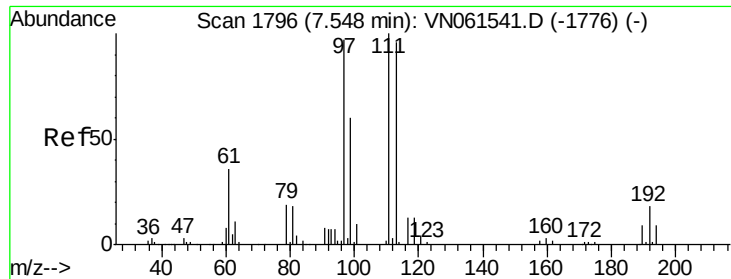
MMDadoda
 6/2/2020 4:01:38 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	540895		
63	17.6	0.0	35.8	
88	14.8	0.0	31.0	





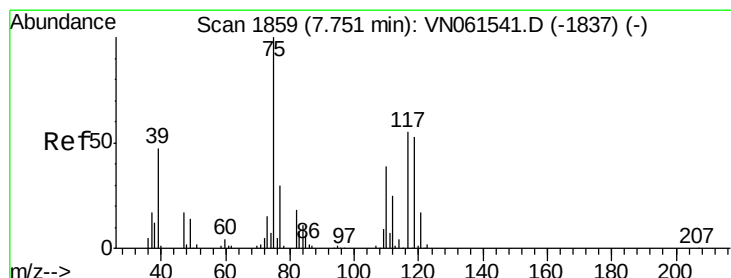
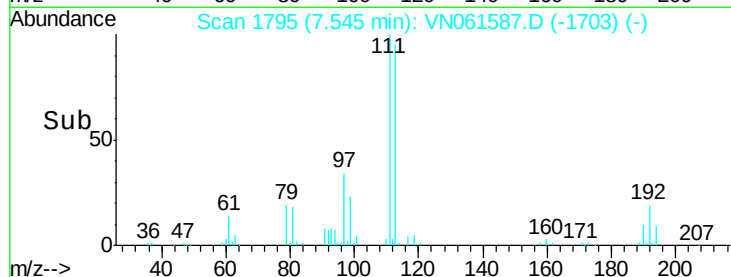
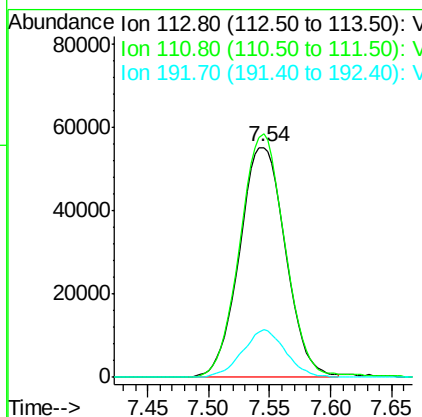
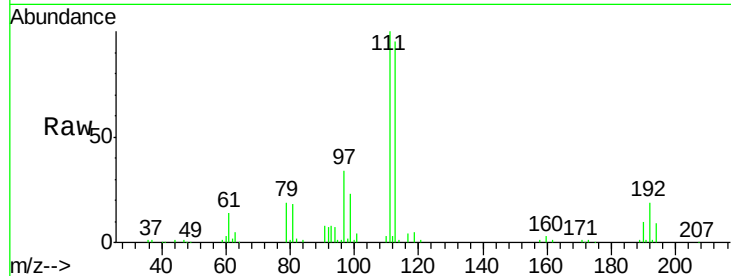
#35
 Dibromofluoromethane
 Concen: 52.503 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144060		
111	103.4	83.4	125.0	
192	19.5	15.4	23.2	

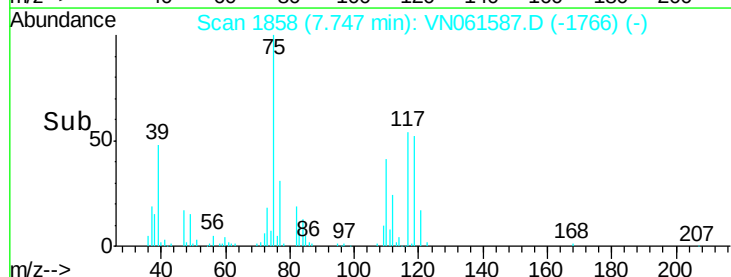
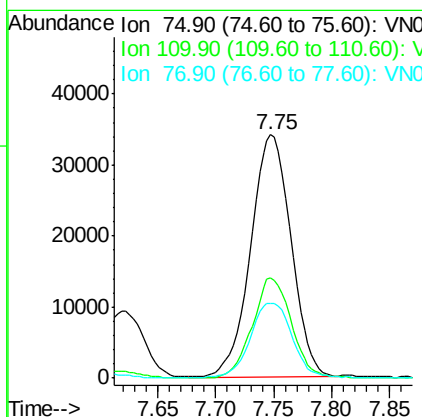
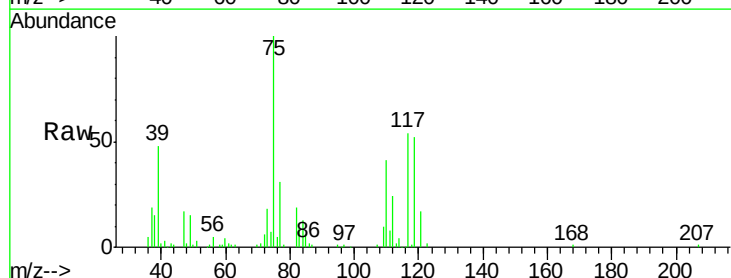
Manual Integrations
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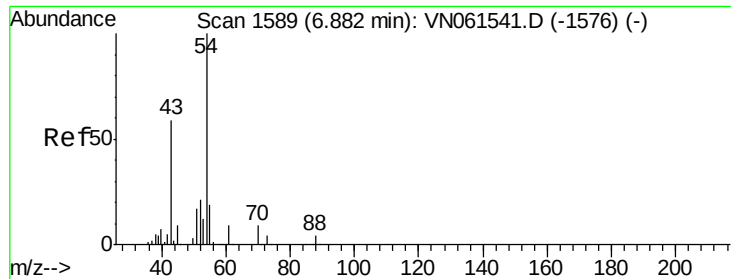
MMDadoda
 6/2/2020 4:01:38 PM



#36
 1,1-Dichloropropene
 Concen: 17.292 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	82801		
110	40.1	19.5	58.5	
77	32.2	24.7	37.1	





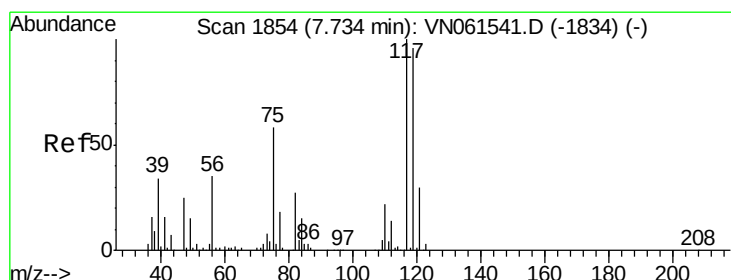
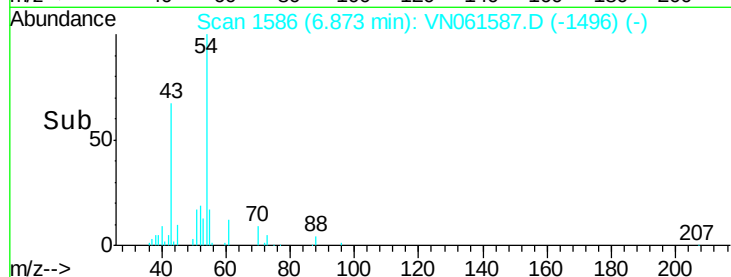
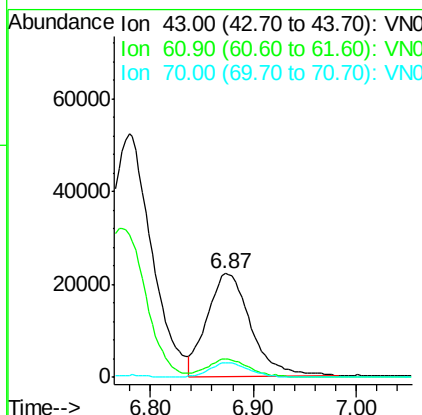
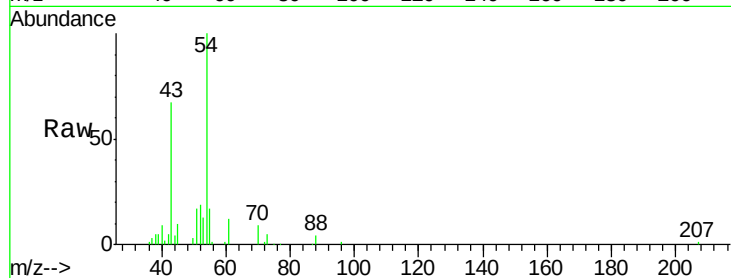
#37
Ethyl Acetate
Concen: 16.953 ug/l
RT: 6.87 min Scan# 1586
Delta R.T. -0.01 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion	43	Resp	65384
Ion Ratio	100	Lower	Upper
43	100		
61	17.4	12.2	18.4
70	13.0	9.4	14.2

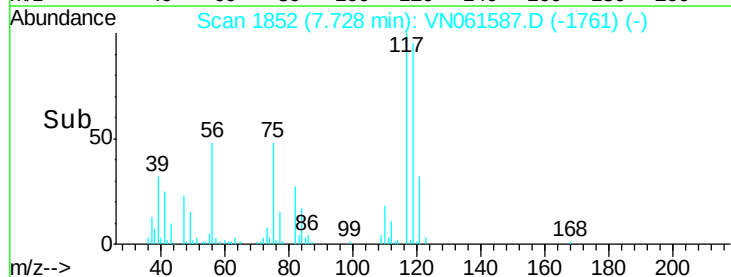
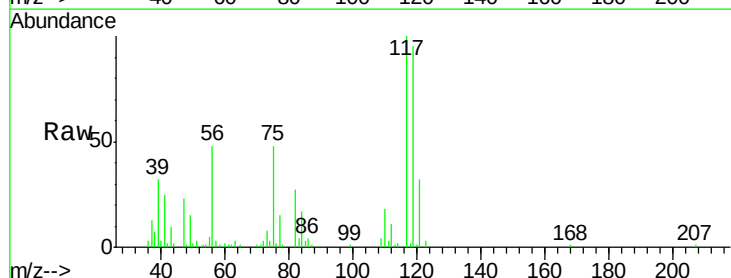
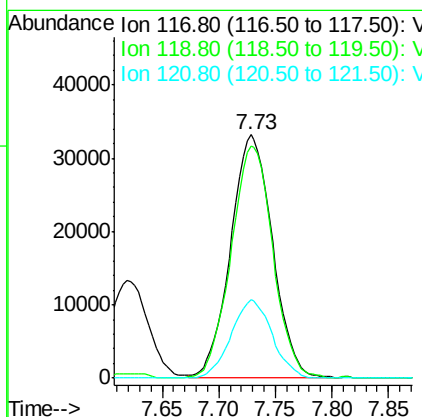
Manual Integrations
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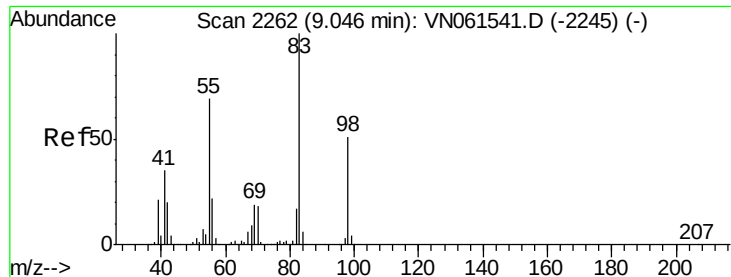
MMDadoda
6/2/2020 4:01:38 PM



#38
Carbon Tetrachloride
Concen: 18.536 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	117	Resp	85612
Ion Ratio	100	Lower	Upper
117	100		
119	95.2	76.5	114.7
121	32.0	24.1	36.1





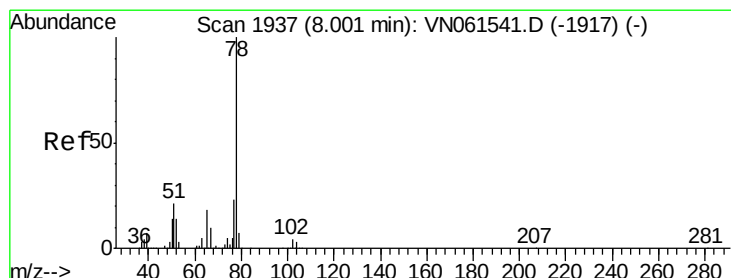
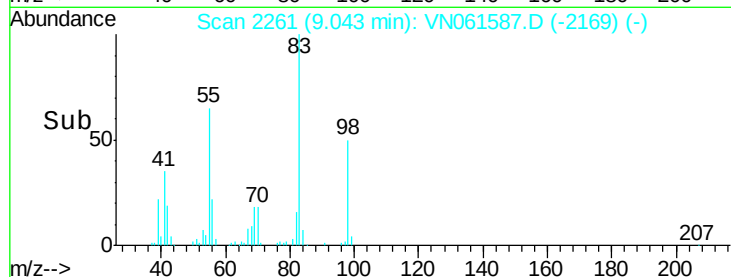
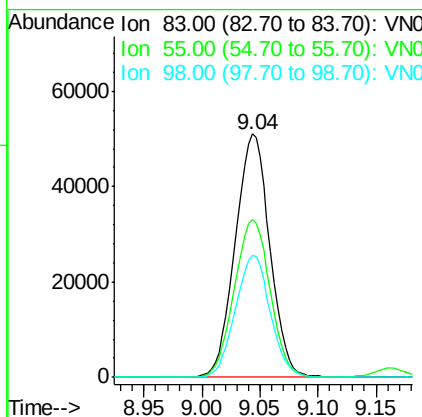
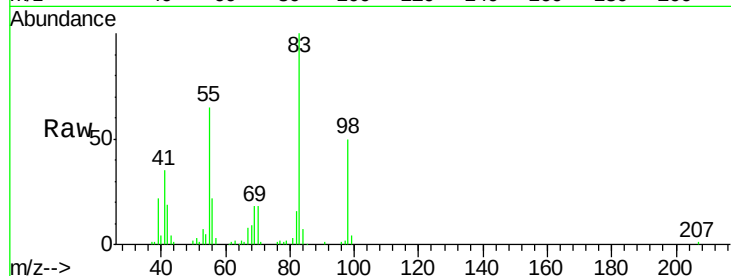
#39
Methylvlcyclohexane
Concen: 17.921 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion	83	Resp	105768
Ion Ratio	Lower	Upper	
83	100		
55	65.0	54.9	82.3
98	50.2	41.0	61.4

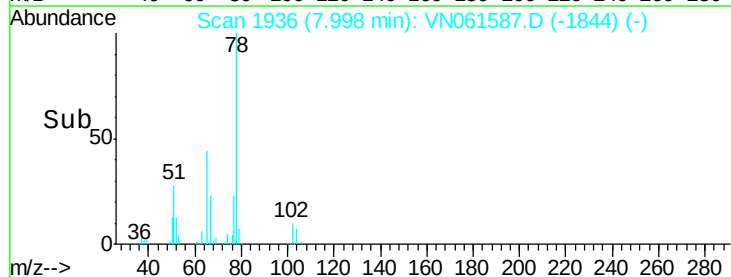
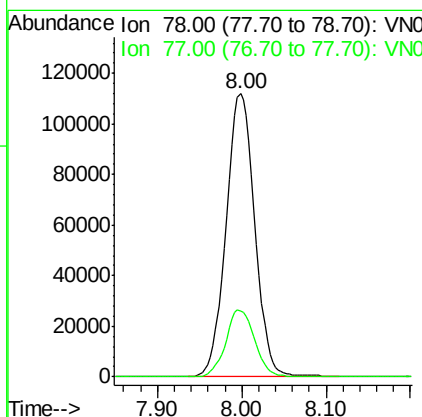
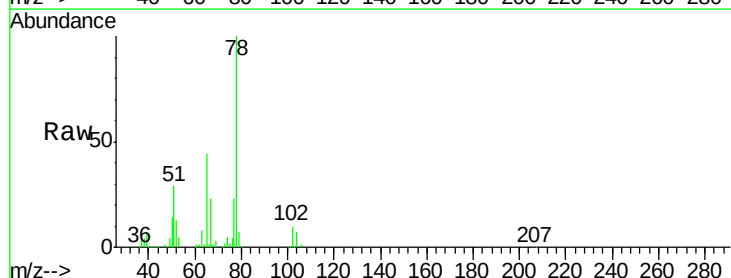
Manual Integrations
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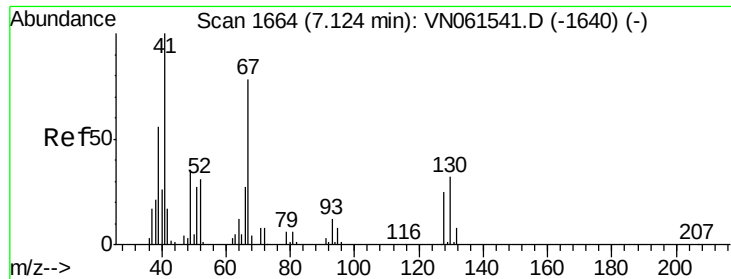
MMDadoda
6/2/2020 4:01:38 PM



#40
Benzene
Concen: 17.948 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	78	Resp	265166
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.6	28.0





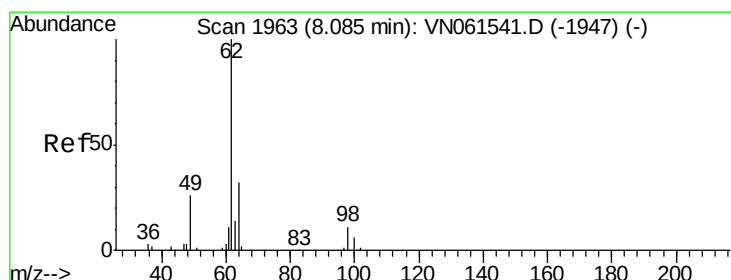
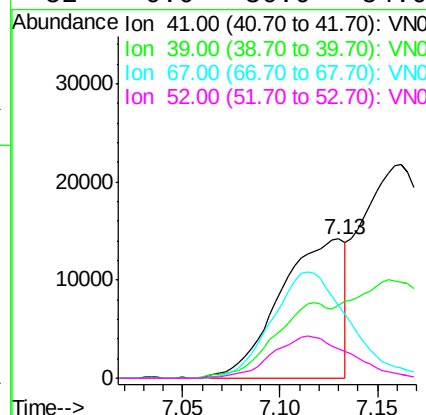
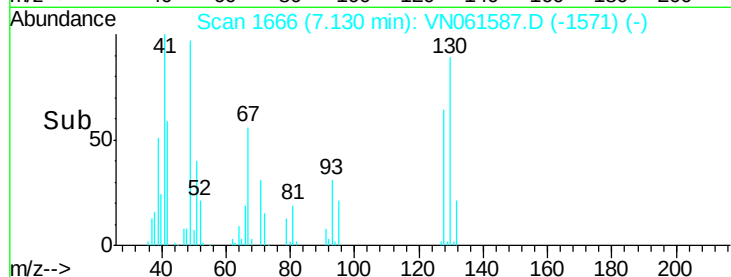
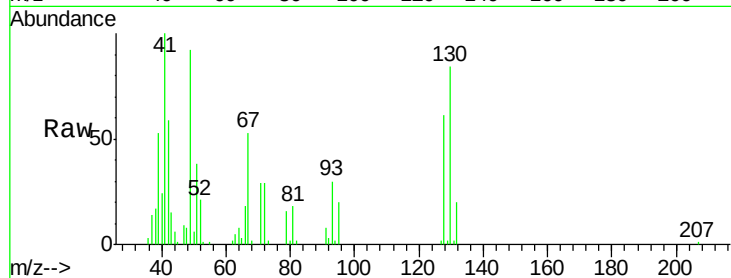
#41
Methacrylonitrile
Concen: 18.586 ug/l m
RT: 7.13 min Scan# 1666
Delta R.T. 0.01 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampled :
VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#

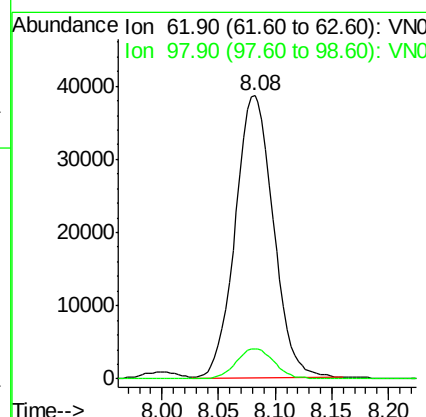
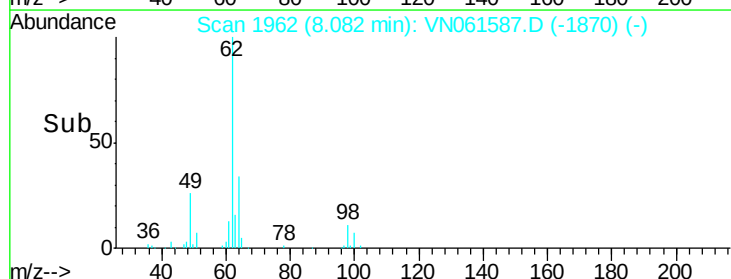
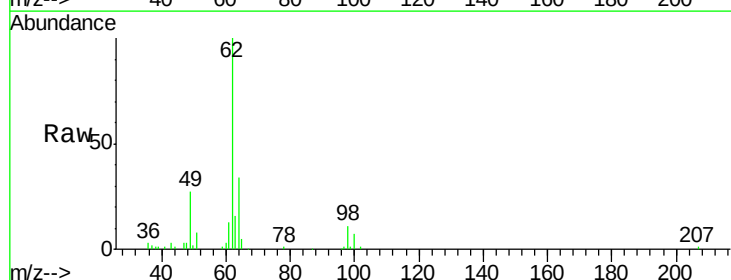
Manual Integrations
APPROVED

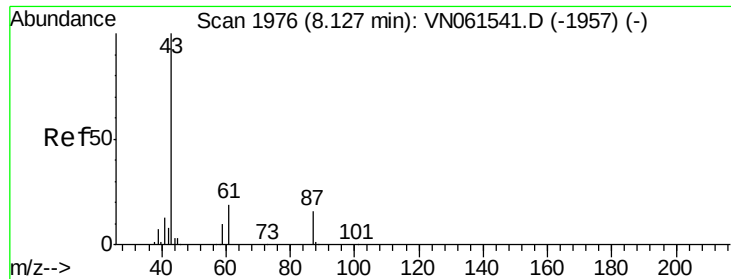
MMDadoda
6/2/2020 4:01:38 PM



#42
1,2-Dichloroethane
Concen: 18.314 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.4





#43

Isopropyl Acetate

Concen: 16.762 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

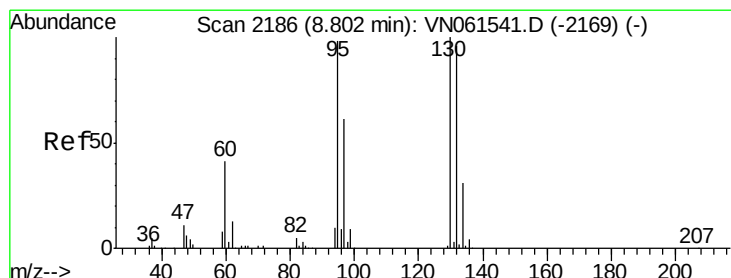
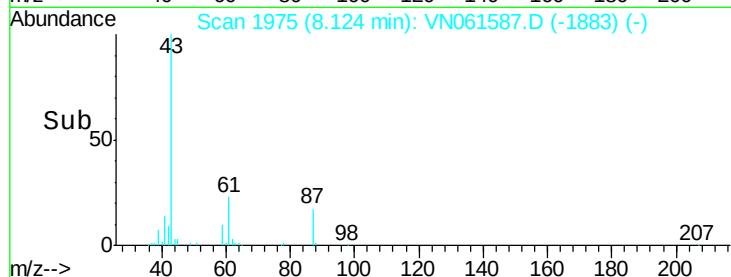
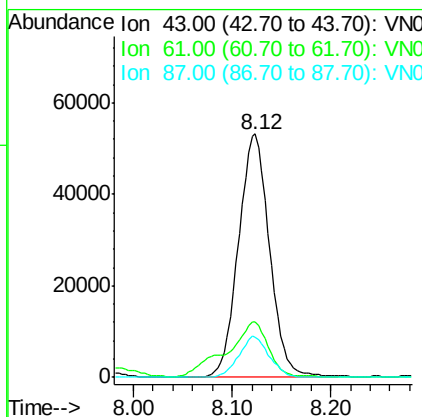
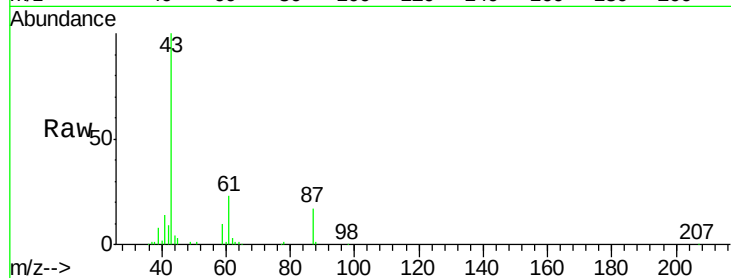
ClientSampled :

VN0601WBSD01

Tot Ion:	43	Resp:	116302
Ion	Ratio	Lower	Upper
43	100		
61	31.0	23.6	35.4
87	16.4	13.0	19.6

Manual Integrations
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#44

Trichloroethene

Concen: 18.141 ug/l

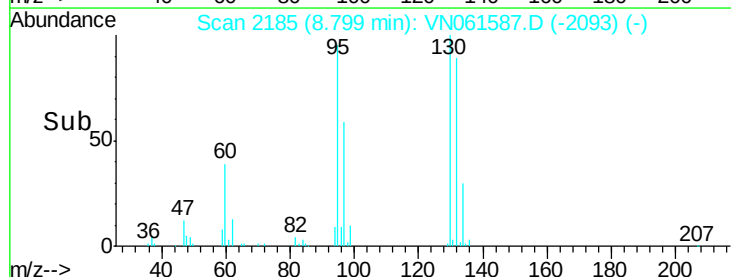
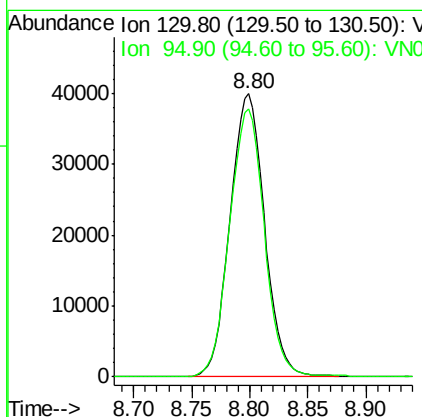
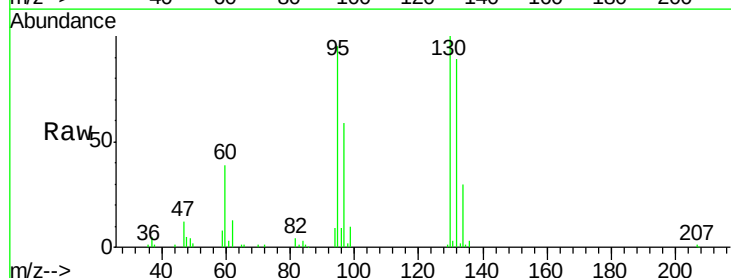
RT: 8.80 min Scan# 2185

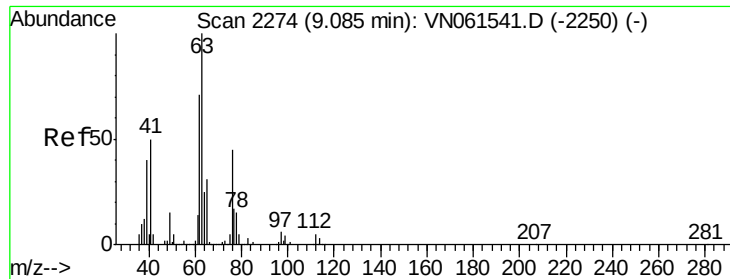
Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion:	130	Resp:	82370
Ion	Ratio	Lower	Upper
130	100		
95	94.6	0.0	196.6





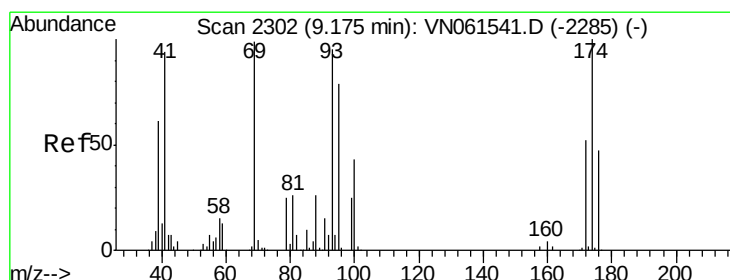
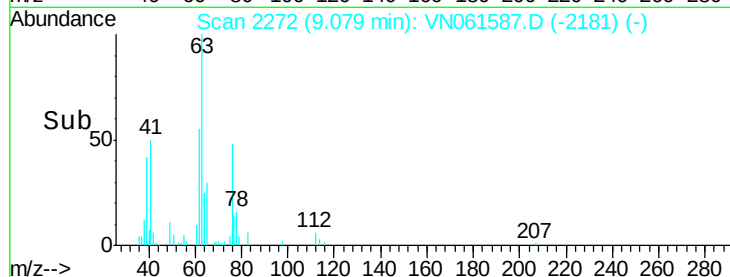
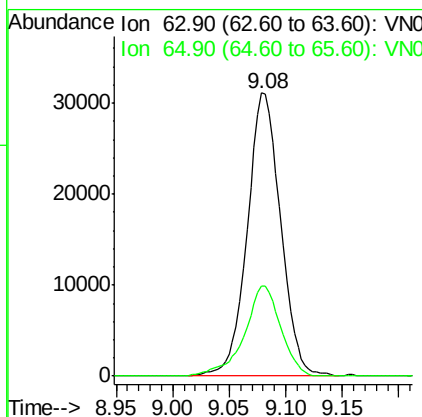
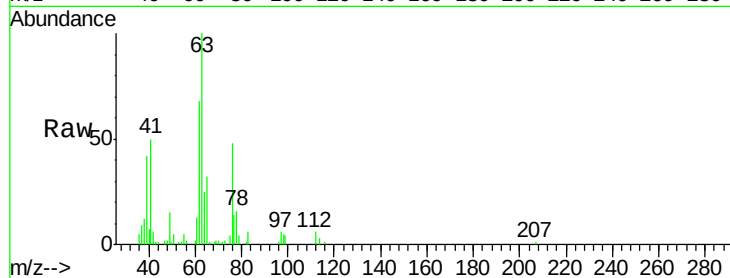
#45
 1,2-Dichloropropane
 Concen: 18.215 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0601WBSD01

Tot Ion: 63 Resp: 63902
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1

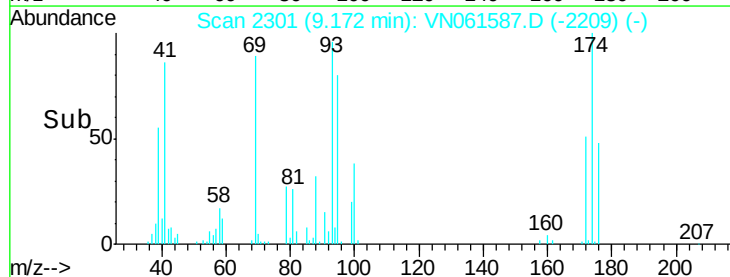
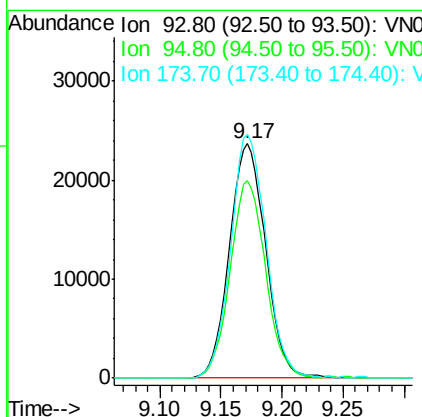
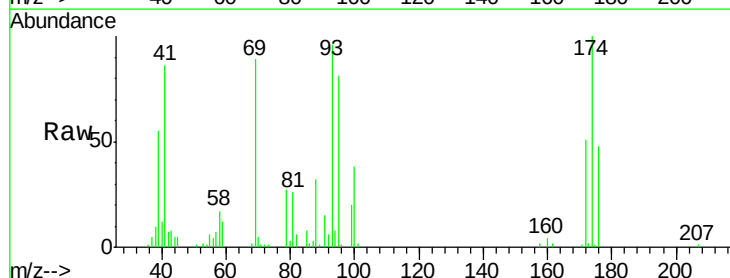
Manual Integrations
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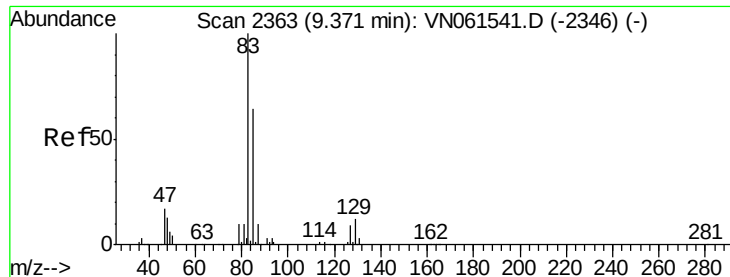
MMDadoda
 6/2/2020 4:01:38 PM



#46
 Dibromomethane
 Concen: 18.160 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion: 93 Resp: 48860
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.0 99.0
 174 101.5 82.5 123.7





#47

Bromodichloromethane

Concen: 18.621 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

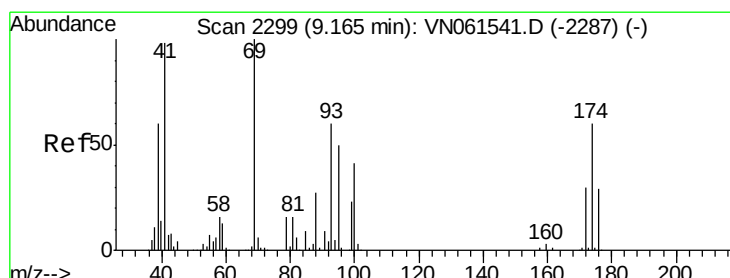
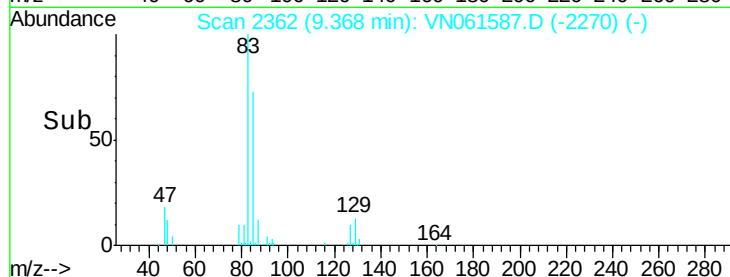
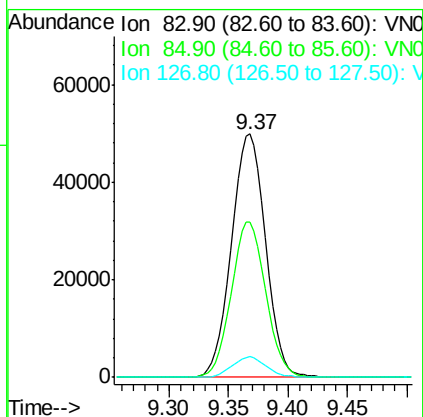
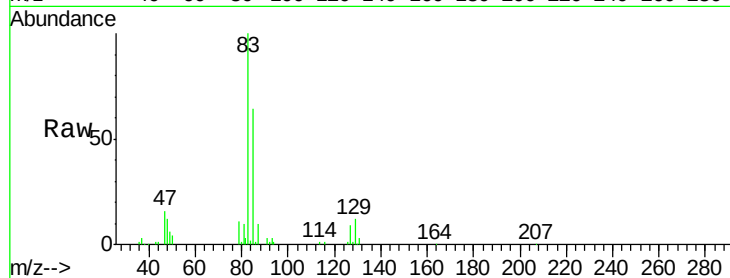
ClientSampleId :

VN0601WBSD01

Tot Ion:	83	Resp:	99264
Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.1	76.7
127	8.6	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 15.821 ug/l

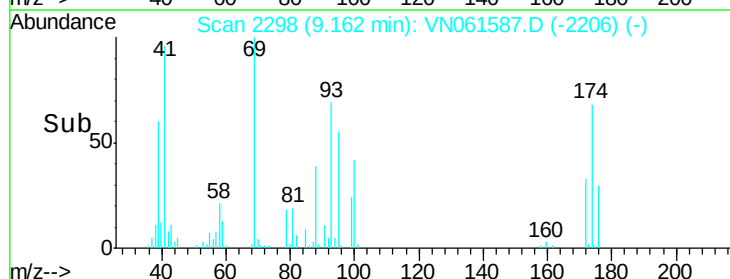
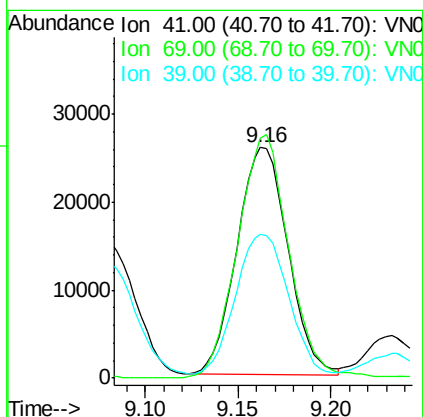
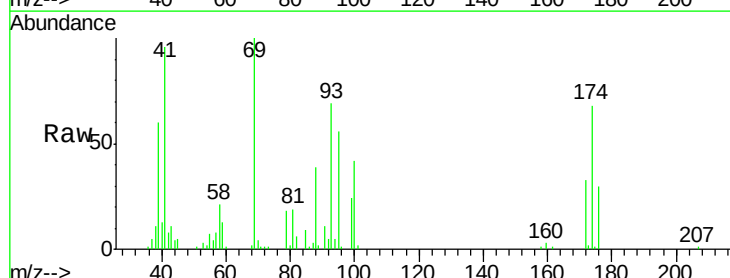
RT: 9.16 min Scan# 2298

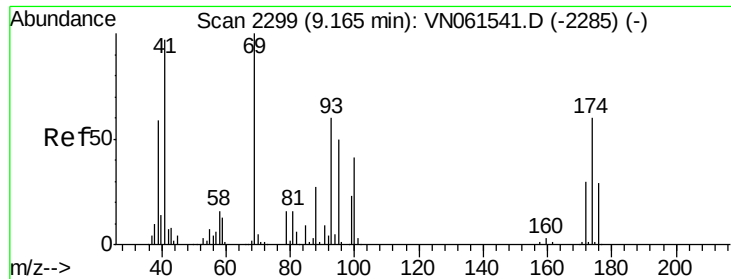
Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion:	41	Resp:	49390
Ion	Ratio	Lower	Upper
41	100		
69	107.7	83.9	125.9
39	66.2	52.1	78.1





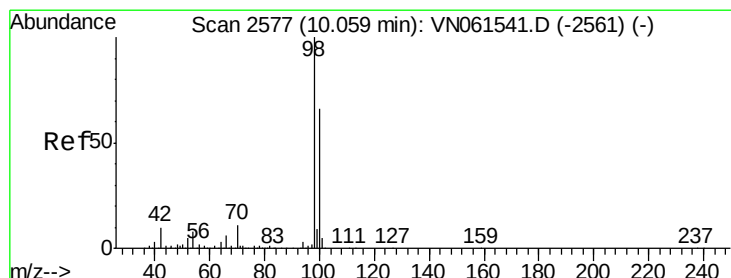
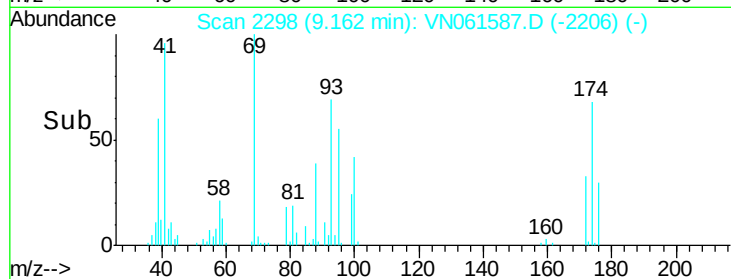
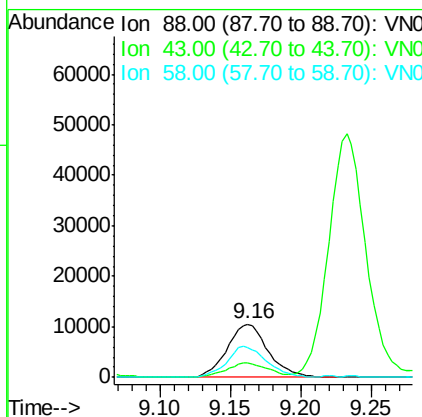
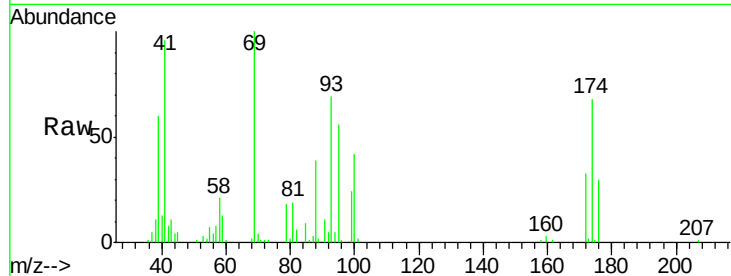
#49
1,4-Dioxane
Concen: 439.976 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion	88	Resp	21278
Ion	Ratio	Lower	Upper
88	100		
43	25.1	23.1	34.7
58	56.9	48.3	72.5

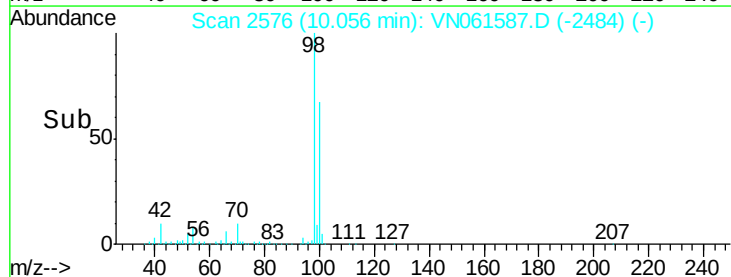
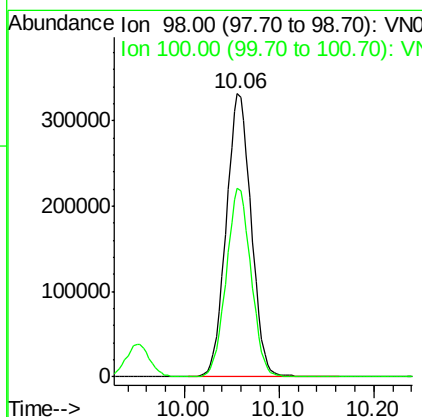
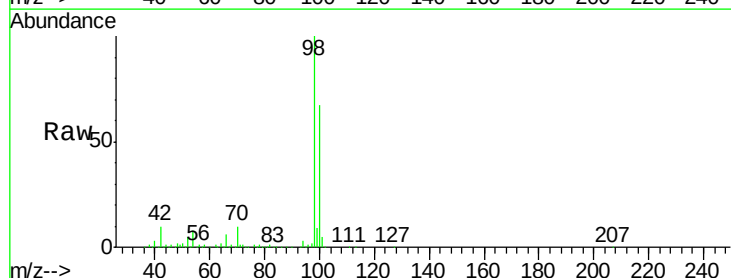
Manual Integrations
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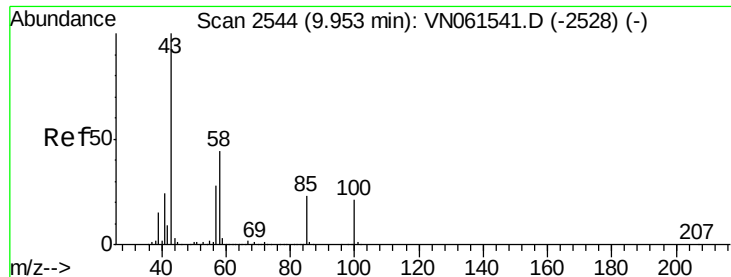
MMDadoda
6/2/2020 4:01:38 PM



#50
Toluene-d8
Concen: 47.876 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	98	Resp	608767
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 82.220 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampled :

VN0601WBSD01

Tot Ion: 43 Resp: 321486

Ion Ratio Lower Upper

43 100

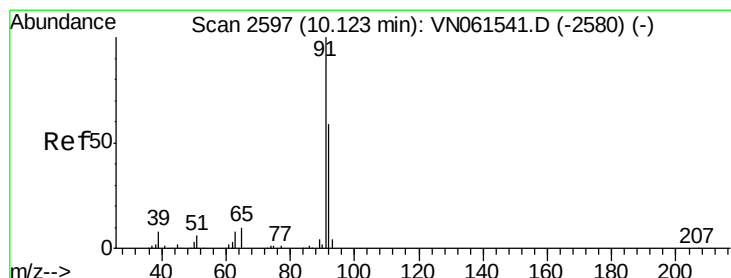
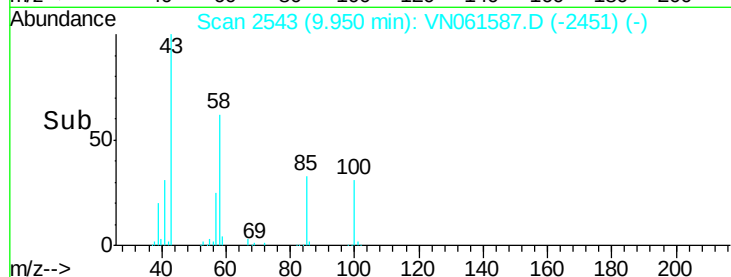
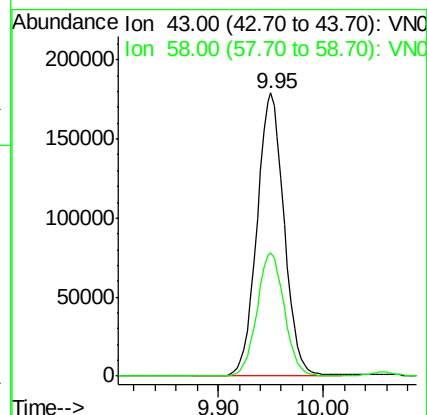
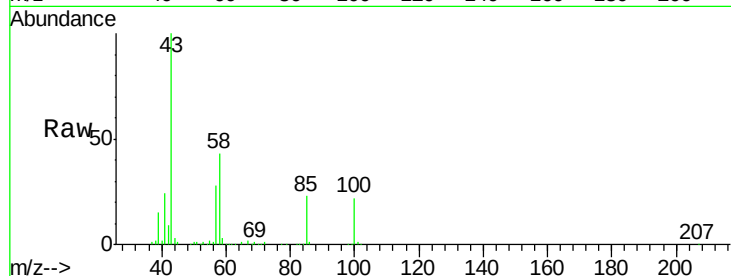
58 43.9 35.0 52.6

Manual Integrations

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6/2/2020 4:01:38 PM



#52

Toluene

Concen: 18.262 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061587.D

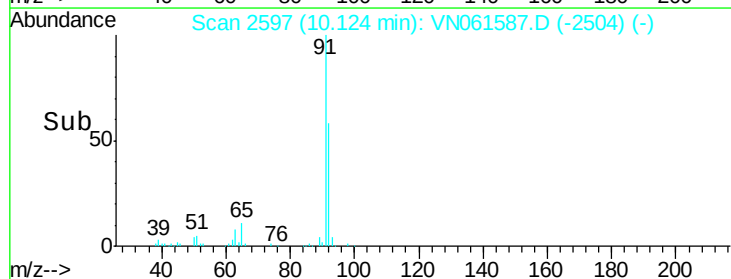
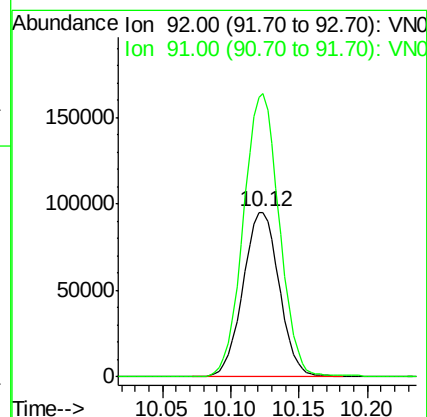
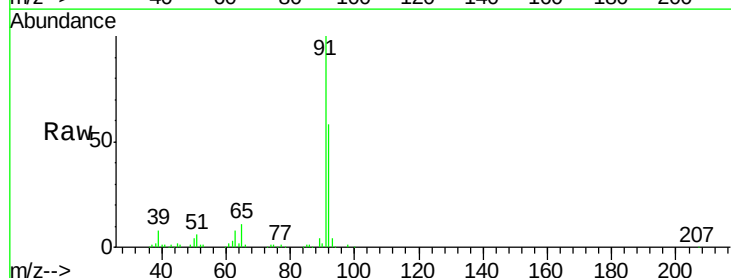
Acq: 1 Jun 2020 12:17

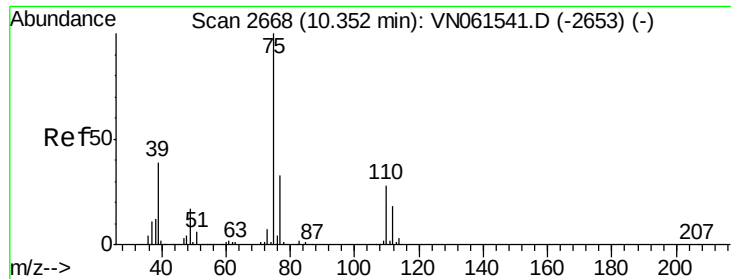
Tgt Ion: 92 Resp: 176098

Ion Ratio Lower Upper

92 100

91 170.6 136.4 204.6





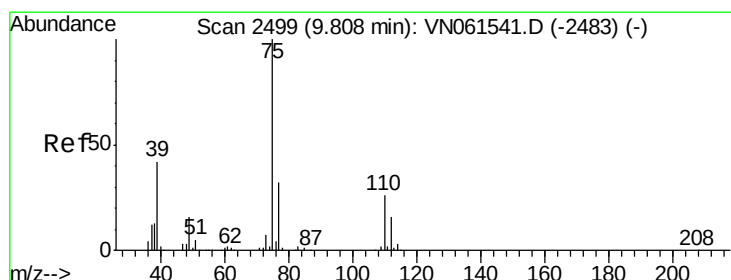
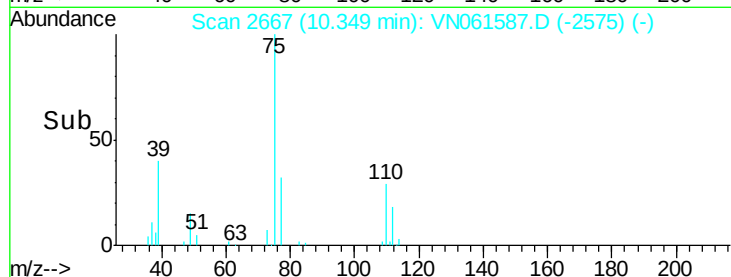
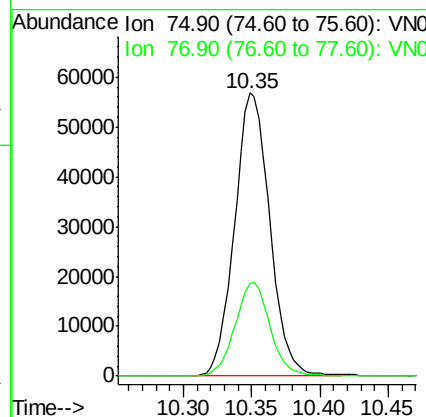
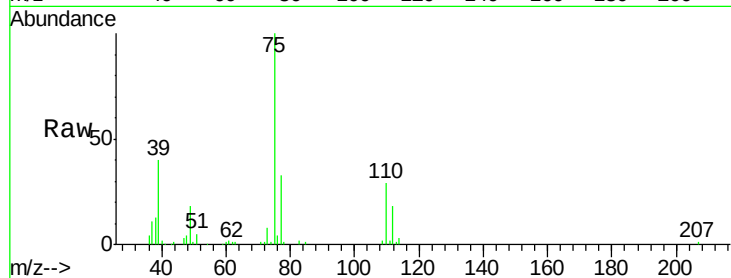
#53
t-1,3-Dichloropropene
Concen: 17.723 ug/l
RT: 10.35 min Scan# 2667
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion: 75 Resp: 101773
Ion Ratio Lower Upper
75 100
77 32.6 26.2 39.4

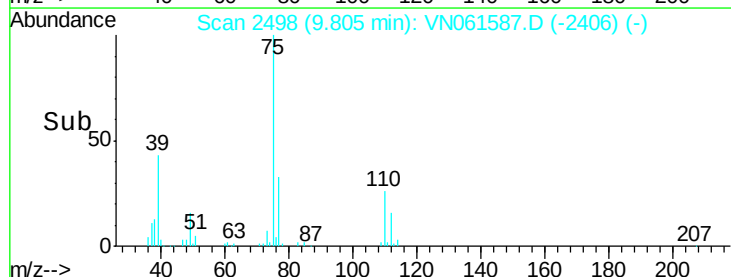
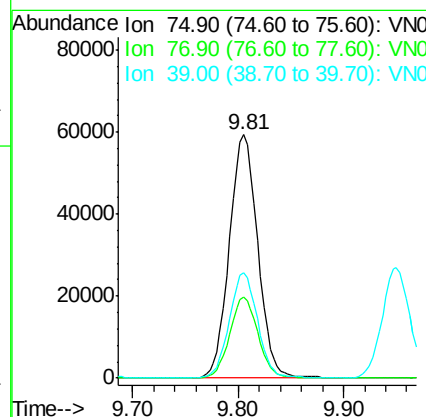
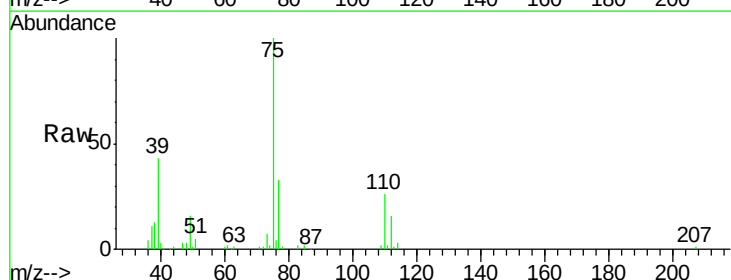
Manual Integrations
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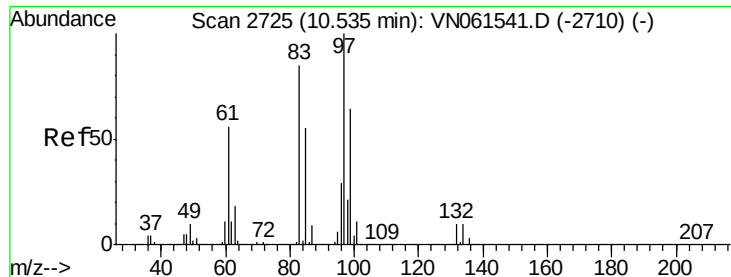
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 17.940 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion: 75 Resp: 110772
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.2
39 43.2 33.8 50.6





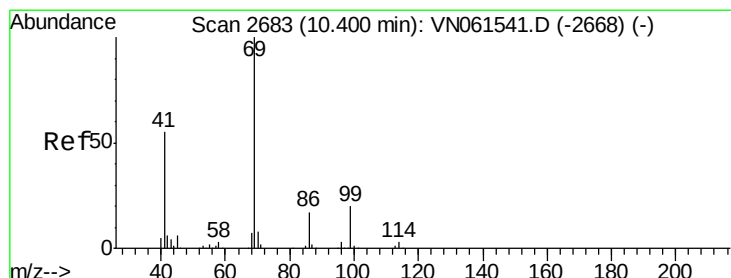
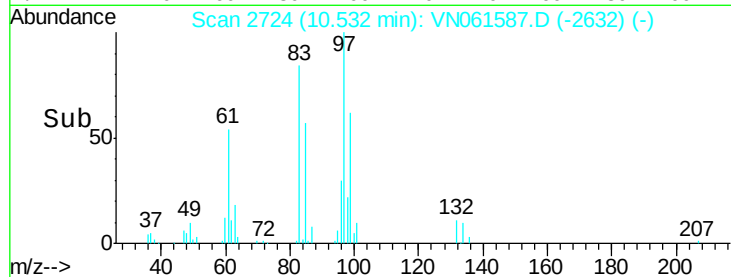
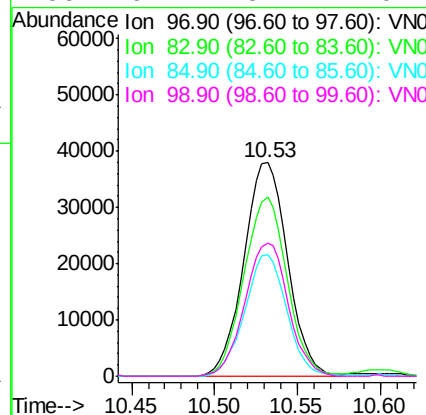
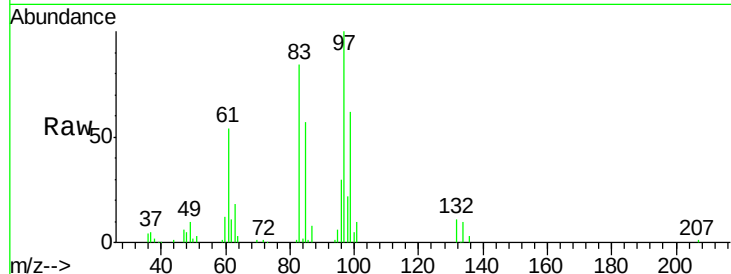
#55
 1,1,2-Trichloroethane
 Concen: 18.184 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.1	102.1
85	57.2	44.1	66.1
99	62.4	51.1	76.7

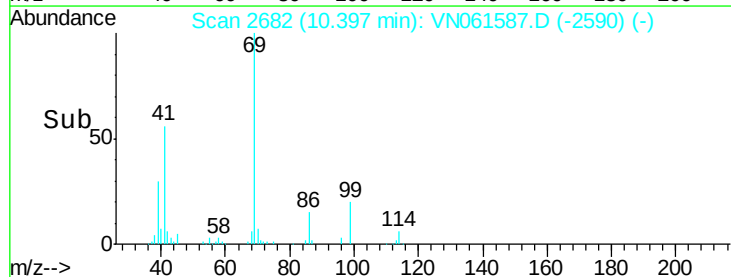
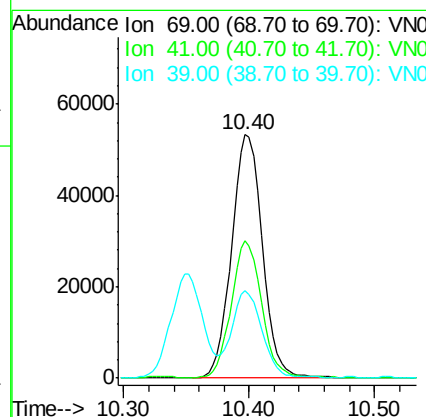
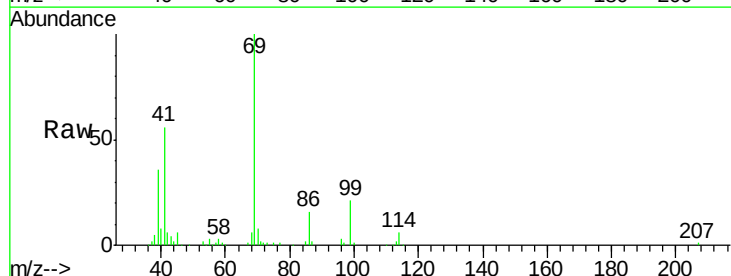
Manual Integrations
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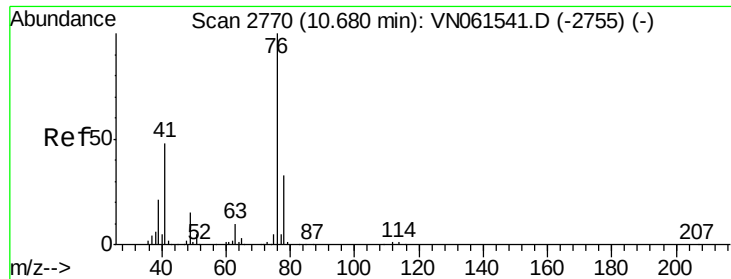
MMDadoda
 6/2/2020 4:01:38 PM



#56
 Ethyl methacrylate
 Concen: 16.980 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.7	43.5	65.3
39	35.3	27.0	40.6





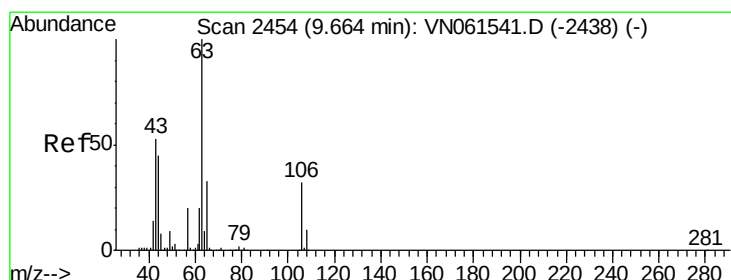
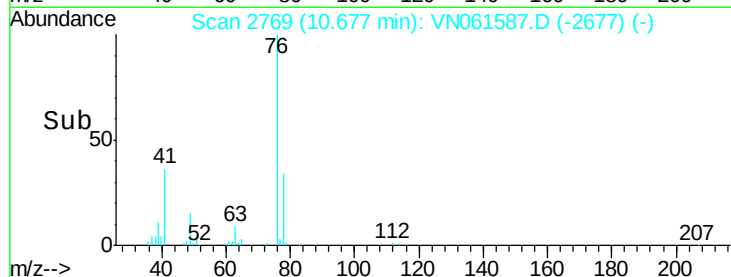
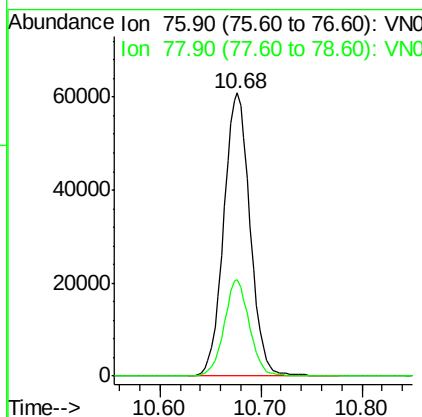
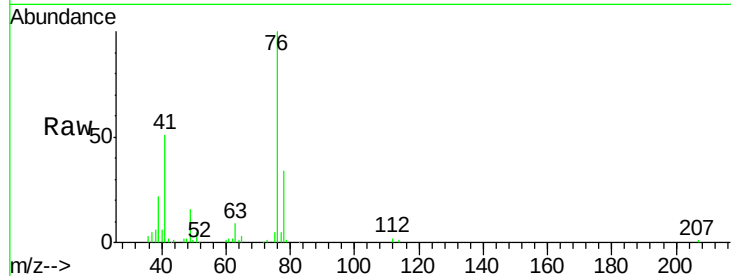
#57
 1,3-Dichloropropane
 Concen: 18.045 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN0601WBSD01

Tot Ion: 76 Resp: 110879
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.3 39.5

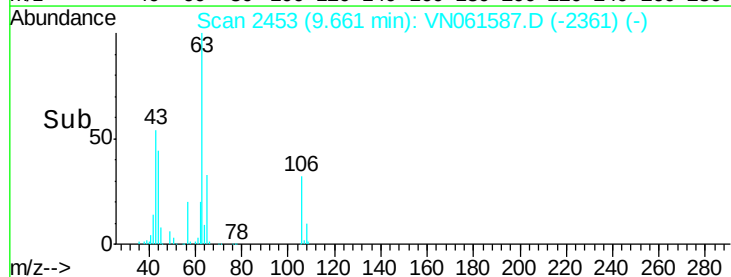
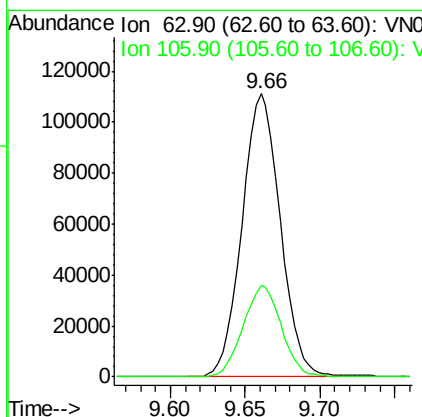
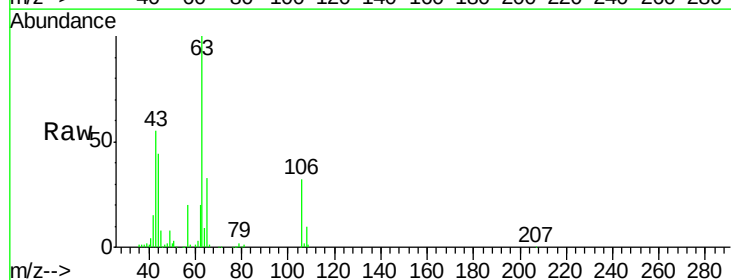
Manual Integrations
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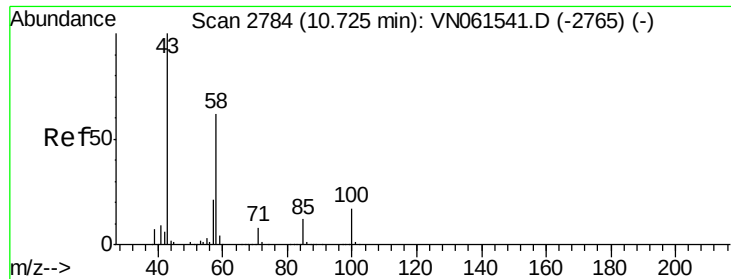
MMDadoda
 6/2/2020 4:01:38 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.290 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion: 63 Resp: 197897
 Ion Ratio Lower Upper
 63 100
 106 32.4 25.9 38.9





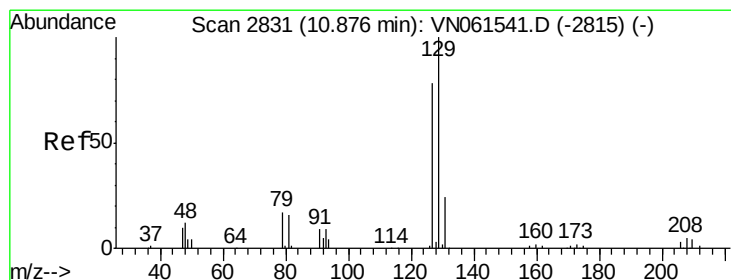
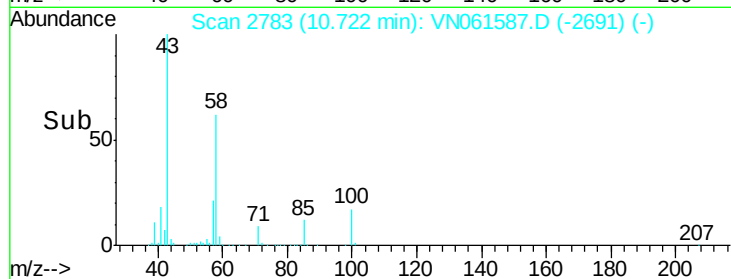
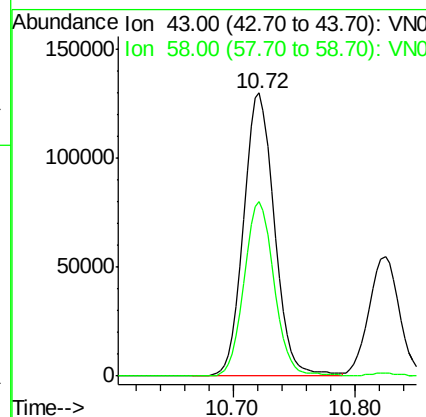
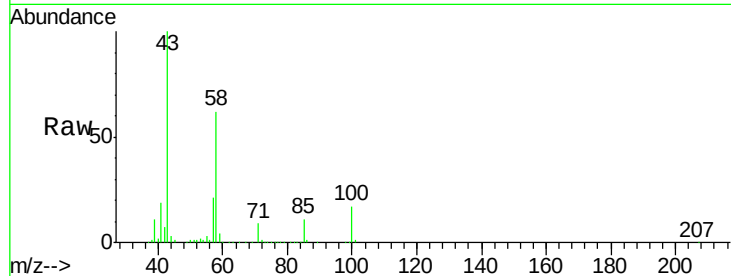
#59
2-Hexanone
Concen: 80.777 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	60.2	30.7	92.1

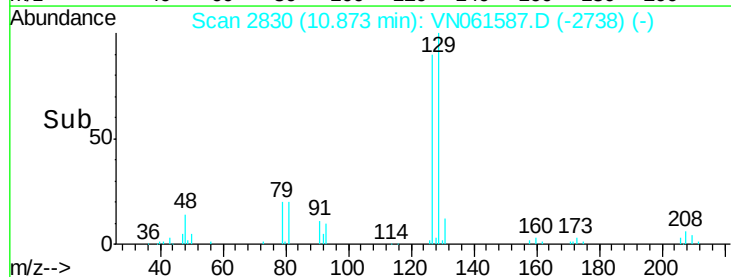
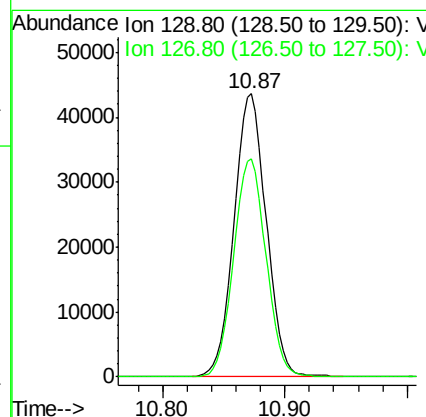
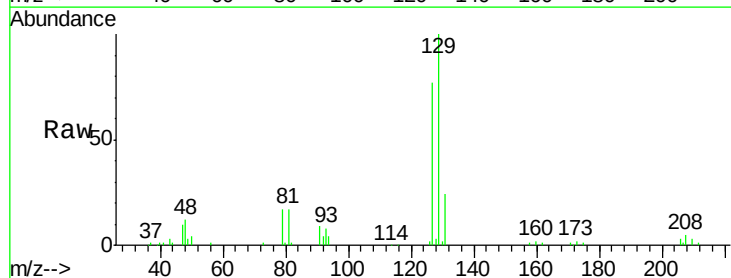
Manual Integrations
APPROVED

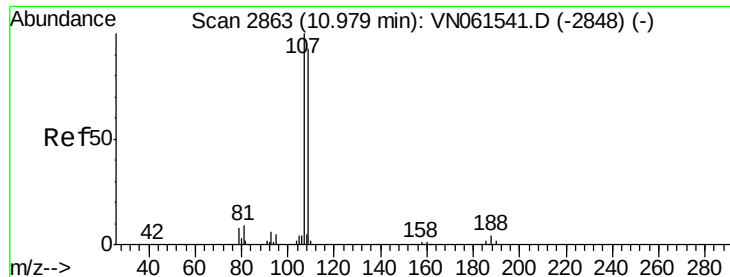
MMDadoda
6/2/2020 4:01:38 PM



#60
Dibromochloromethane
Concen: 18.340 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	38.8	116.3





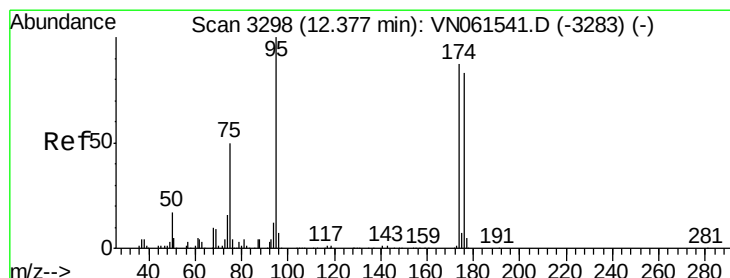
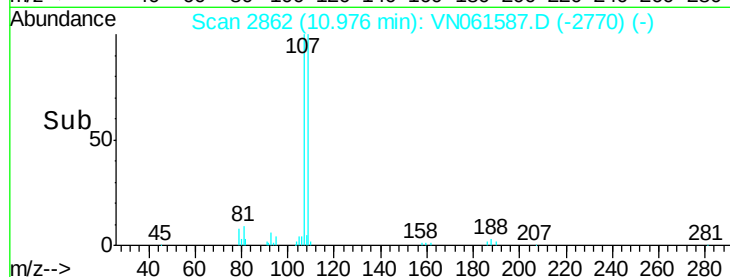
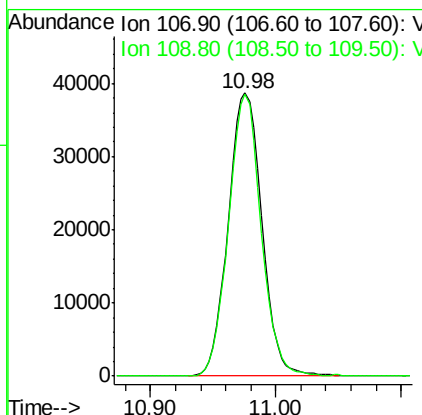
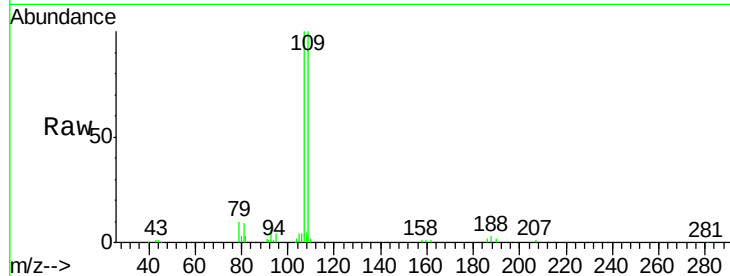
#61
 1,2-Dibromoethane
 Concen: 18.024 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Tot Ion:107 Resp: 72217
 Ion Ratio Lower Upper
 107 100
 109 95.8 76.1 114.1

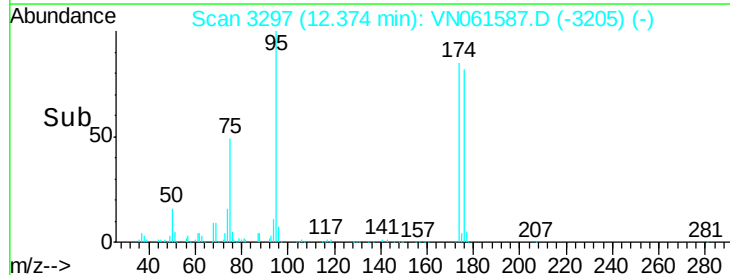
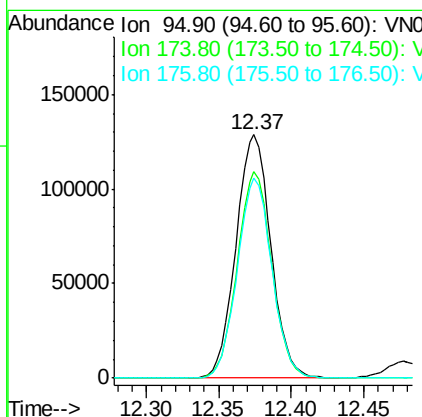
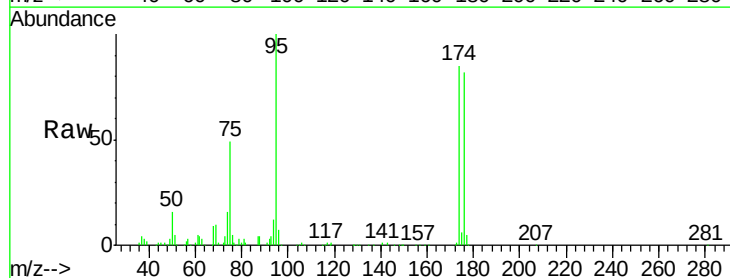
Manual Integrations
 APPROVED

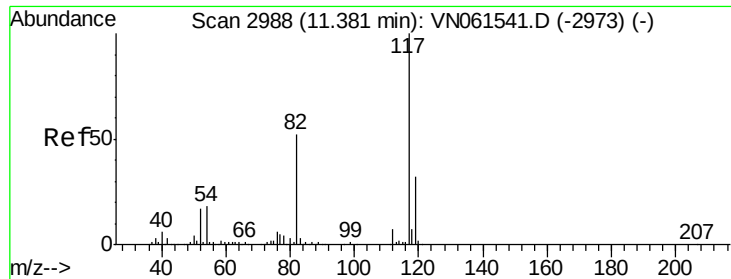
MMDadoda
 6/2/2020 4:01:38 PM



#62
 4-Bromofluorobenzene
 Concen: 46.461 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion: 95 Resp: 215533
 Ion Ratio Lower Upper
 95 100
 174 83.7 0.0 172.8
 176 81.6 0.0 164.8





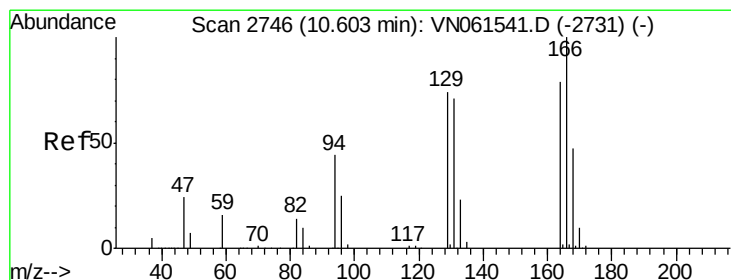
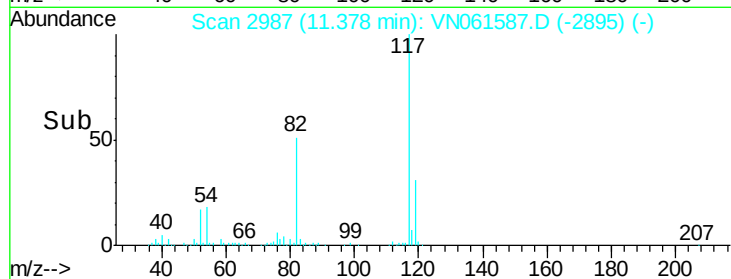
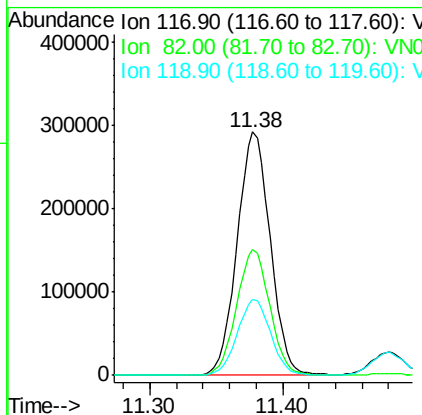
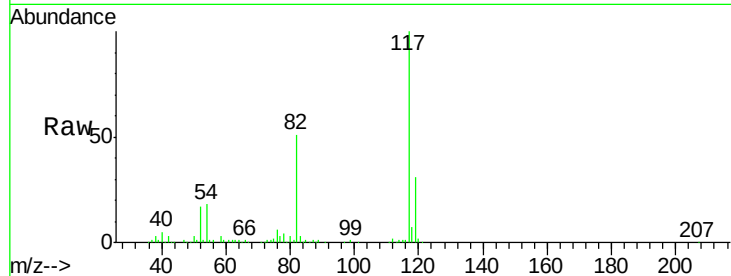
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.5	62.3
119	31.2	25.6	38.4

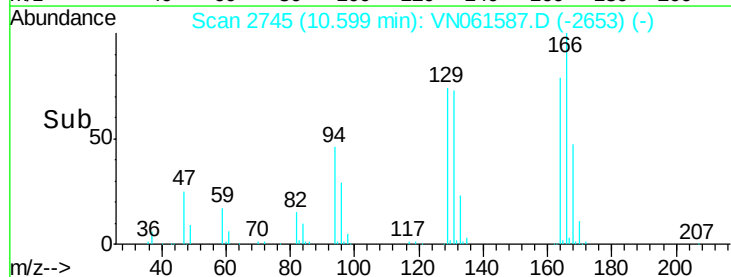
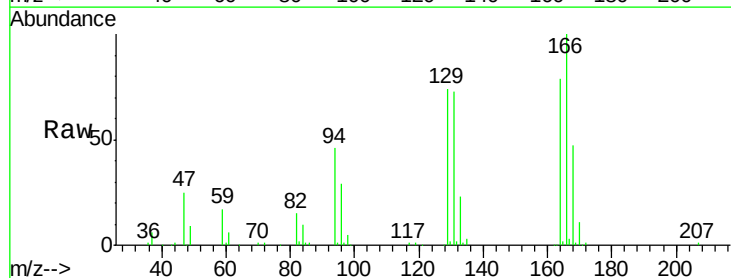
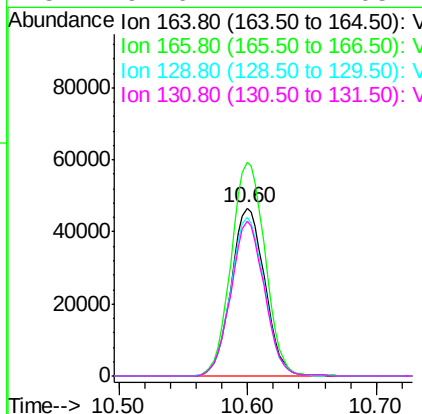
Manual Integrations
APPROVED

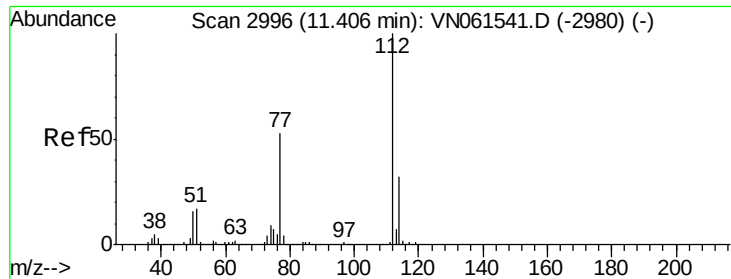
MMDadoda
6/2/2020 4:01:38 PM



#64
Tetrachloroethene
Concen: 17.714 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	101.5	152.3
129	94.3	74.9	112.3
131	92.6	72.2	108.2





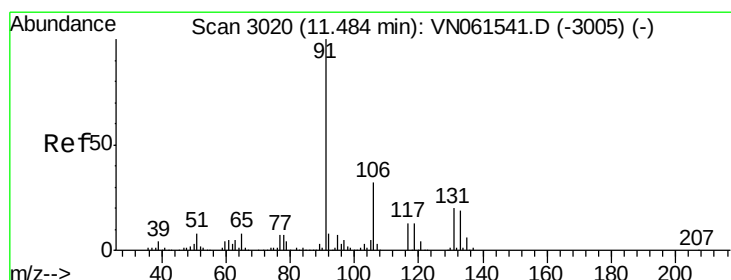
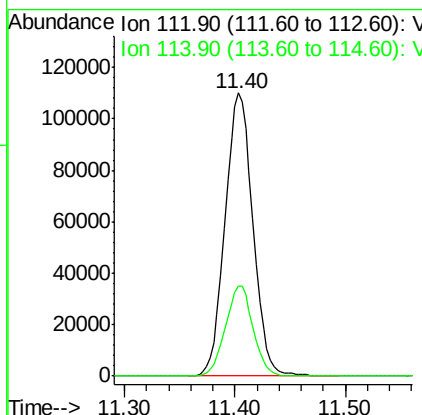
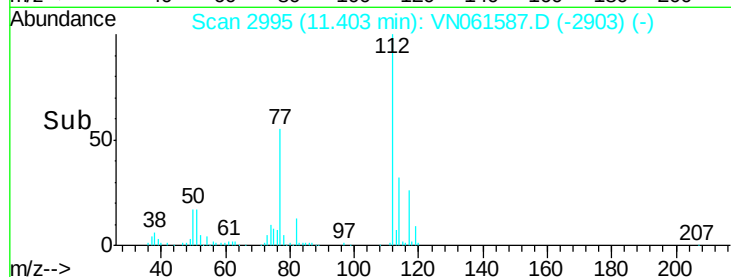
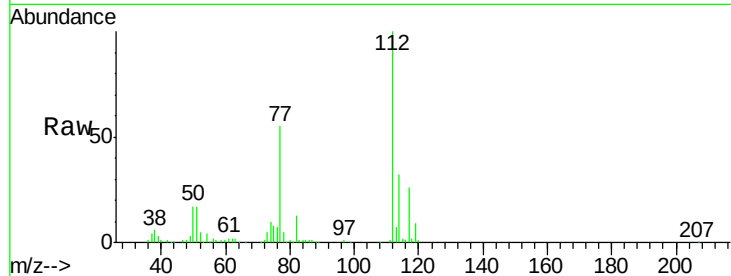
#65
Chlorobenzene
Concen: 18.276 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion:112 Resp: 192441
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

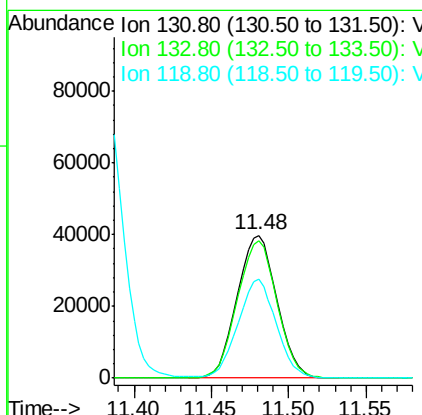
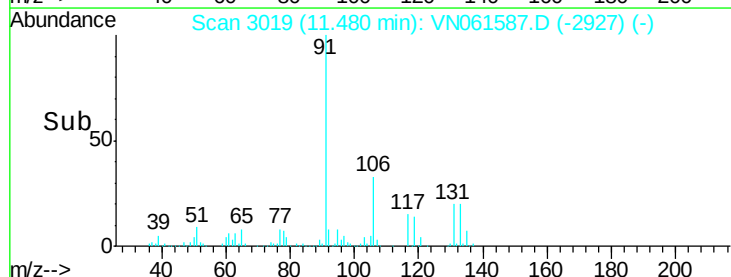
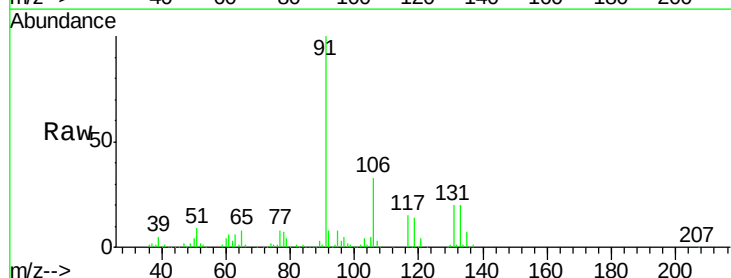
Manual Integrations
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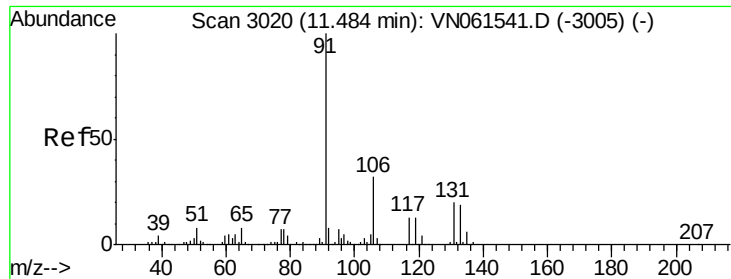
MMDadoda
6/2/2020 4:01:38 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.111 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion:131 Resp: 71009
Ion Ratio Lower Upper
131 100
133 96.3 47.4 142.2
119 66.9 32.6 97.8





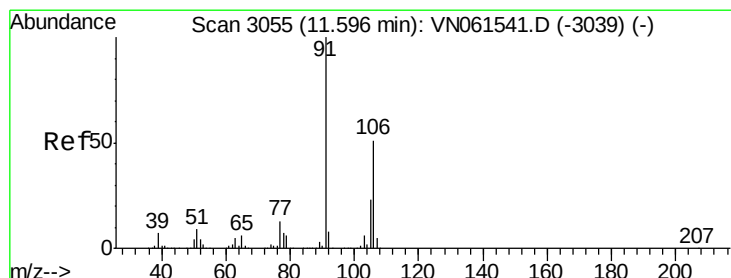
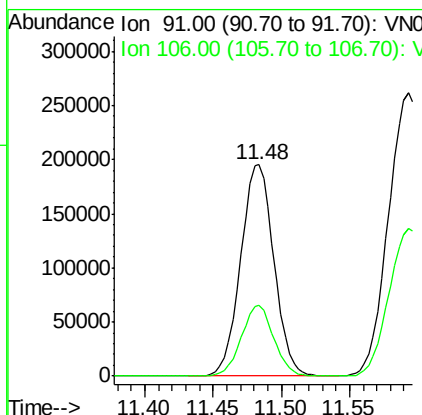
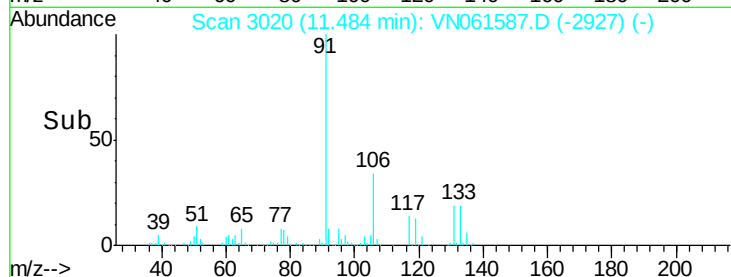
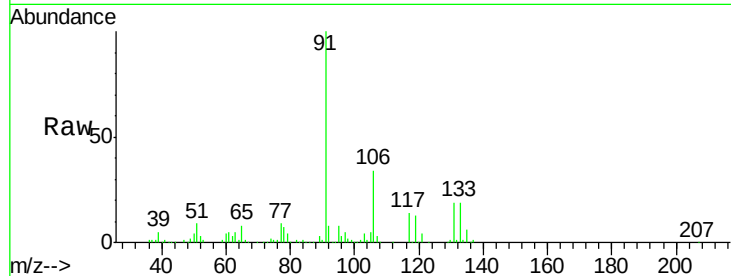
#67
Ethyl Benzene
Concen: 18.205 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion: 91 Resp: 331335
Ion Ratio Lower Upper
91 100
106 33.7 25.6 38.4

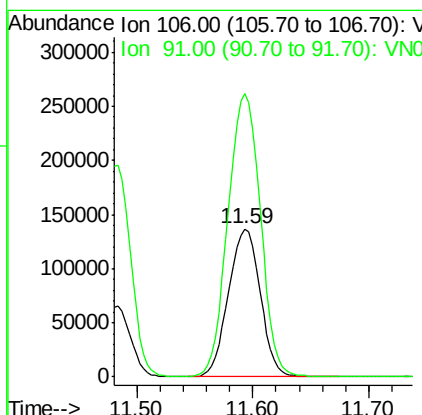
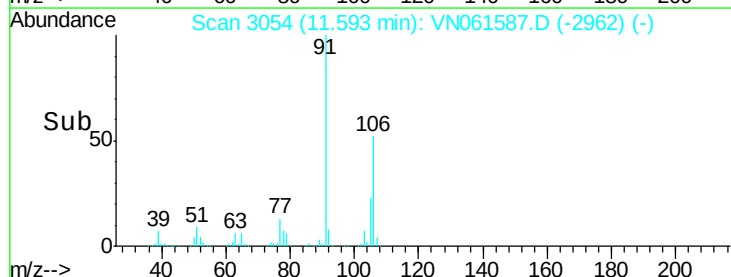
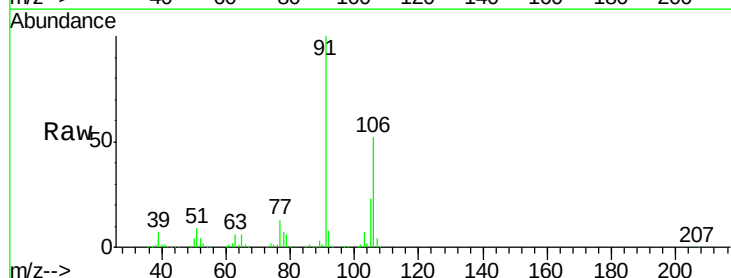
Manual Integrations
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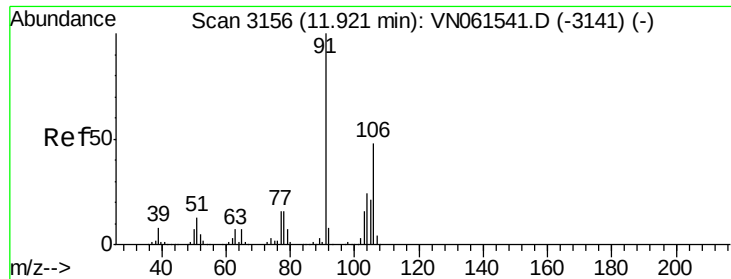
MMDadoda
6/2/2020 4:01:38 PM



#68
m/p-Xylenes
Concen: 36.063 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion: 106 Resp: 260243
Ion Ratio Lower Upper
106 100
91 194.8 156.2 234.4





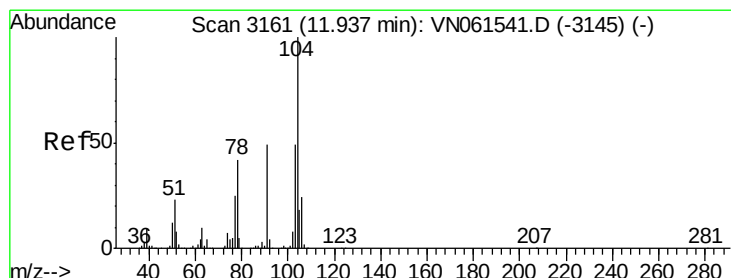
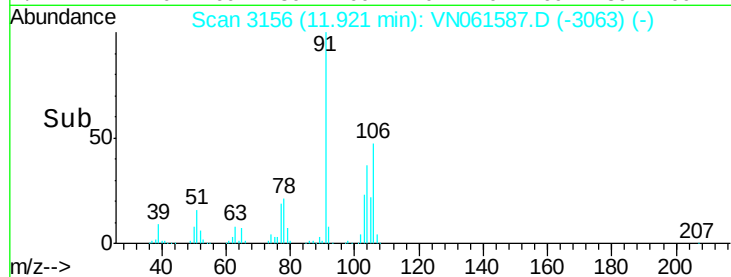
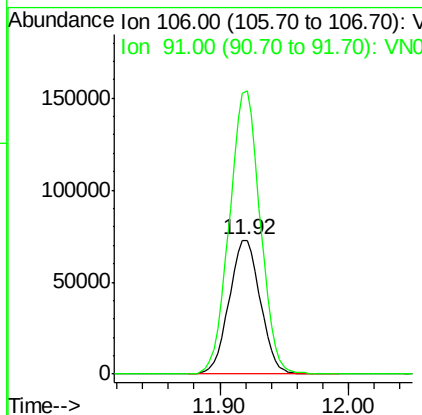
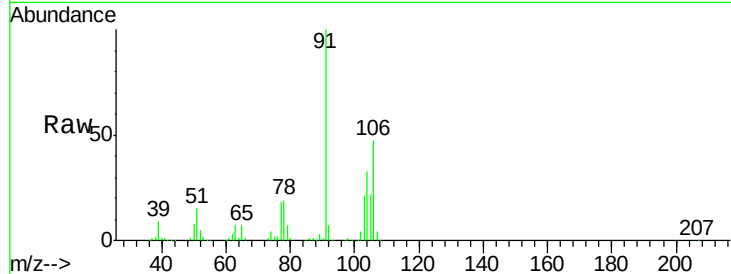
#69
o-Xylene
Concen: 17.856 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampled :
VN0601WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	122386		
91	91	208.8	103.3	309.8	

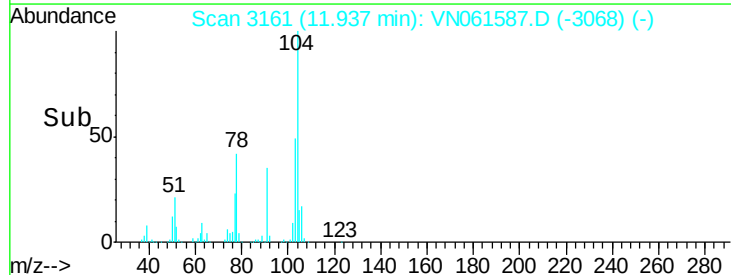
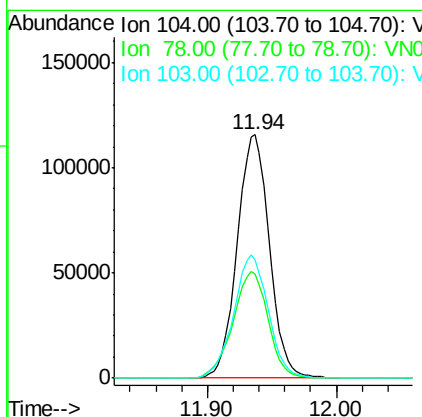
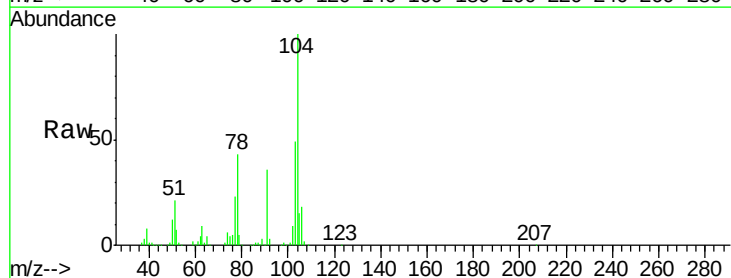
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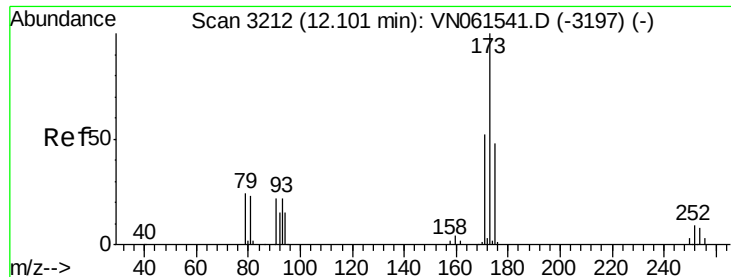
MMDadoda
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#70
Styrene
Concen: 17.750 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	201470		
78	78	47.7	37.4	56.0	
103	103	54.5	42.3	63.5	





#71

Bromoform

Concen: 17.160 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

Tot Ion:173 Resp: 51845

Ion Ratio Lower Upper

173 100

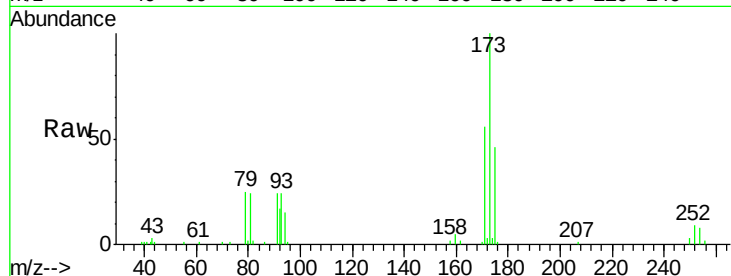
175 47.0 24.4 73.2

254 0.0 0.0 0.0

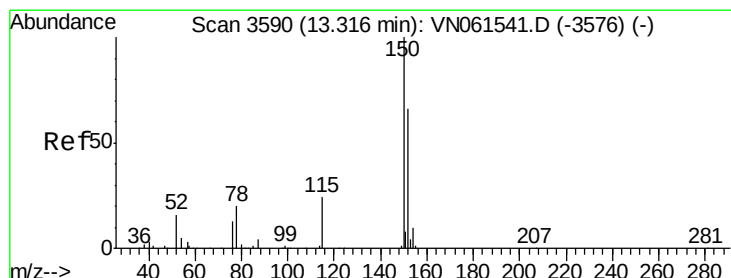
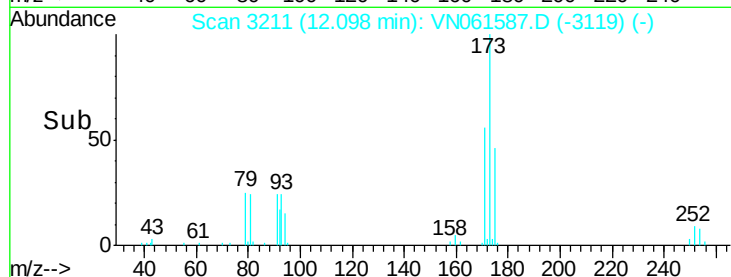
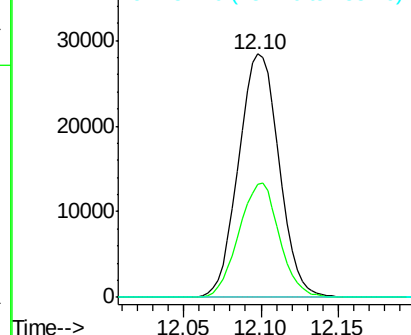
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

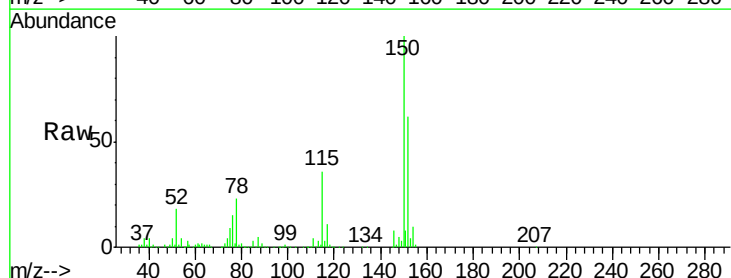
Tgt Ion:152 Resp: 242598

Ion Ratio Lower Upper

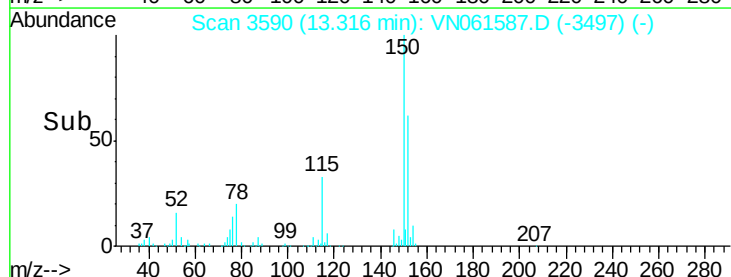
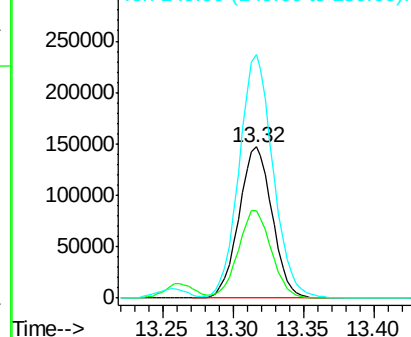
152 100

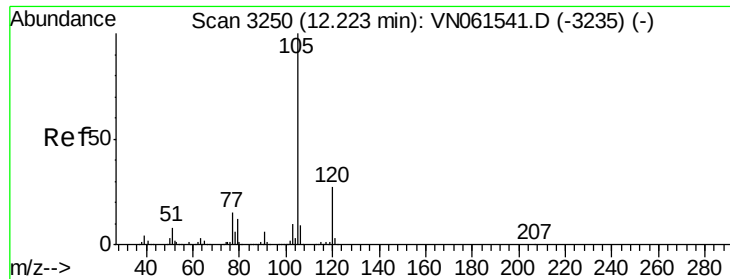
115 57.2 28.0 84.0

150 164.8 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





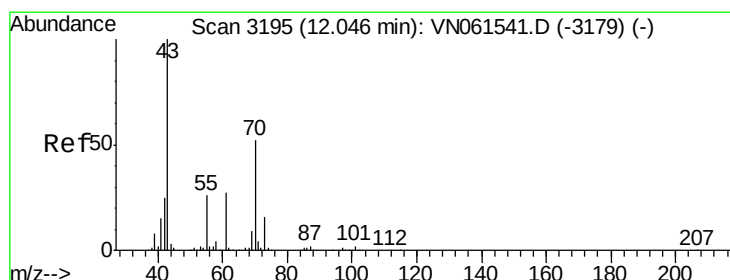
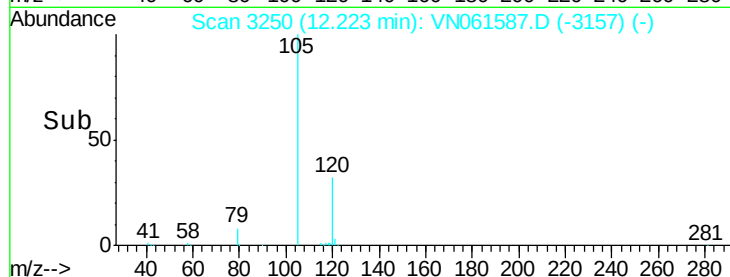
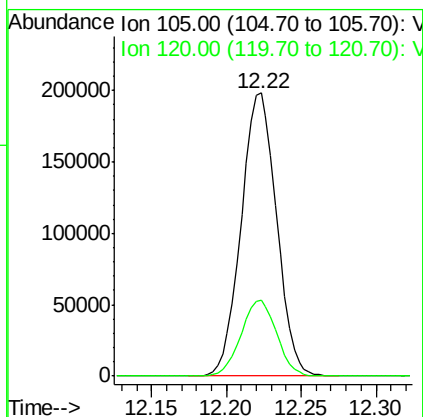
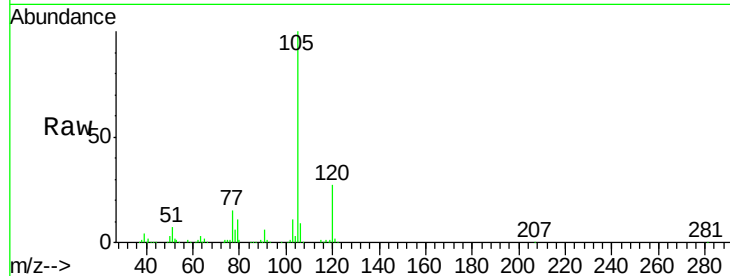
#73
Isopropylbenzene
Concen: 18.468 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.9	13.8	41.3

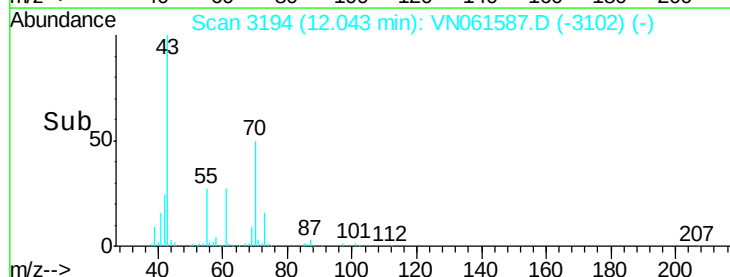
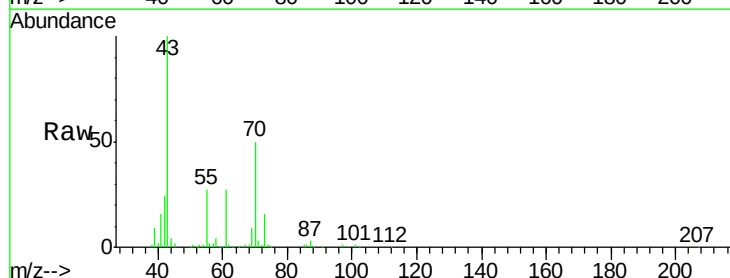
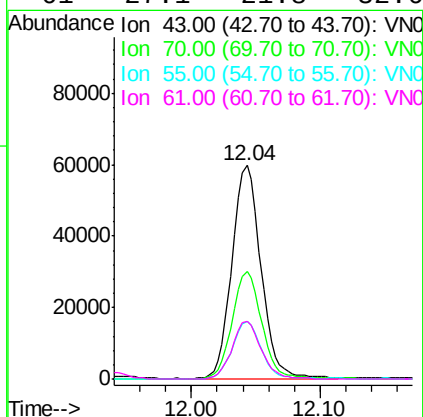
Manual Integrations
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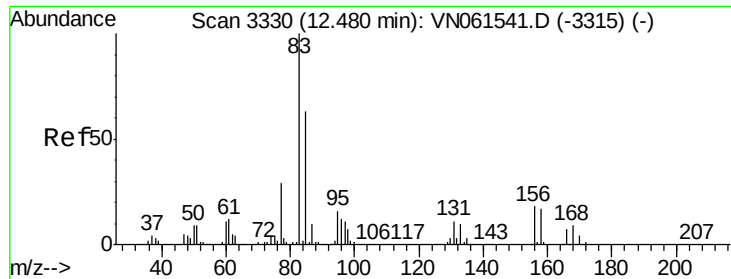
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6/2/2020 4:01:38 PM



#74
N-ethyl acetate
Concen: 16.961 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
43	100		
70	50.9	40.5	60.7
55	26.7	20.6	31.0
61	27.1	21.8	32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.311 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

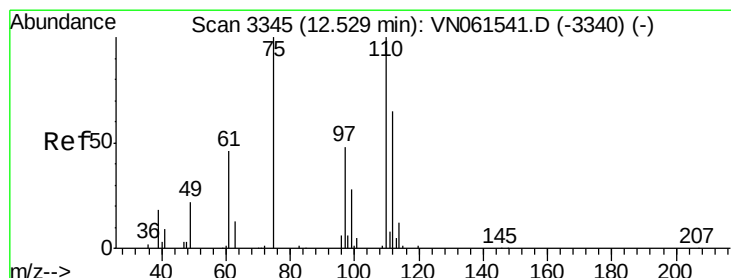
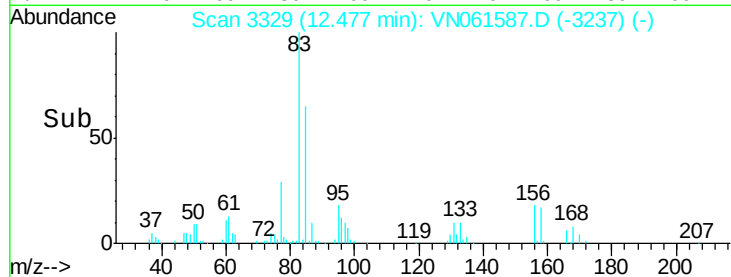
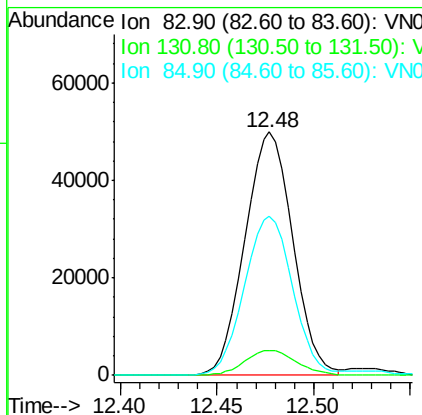
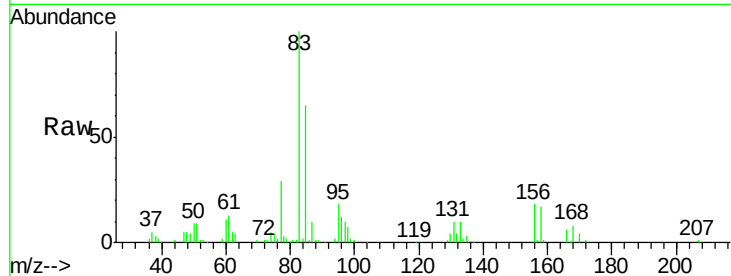
ClientSampled :

VN0601WBSD01

Tot Ion:	83	Resp:	85898
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.5	16.5
85	66.0	32.1	96.3

Manual Integrations
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6/2/2020 4:01:38 PM



#76

1,2,3-Trichloropropane

Concen: 19.106 ug/l m

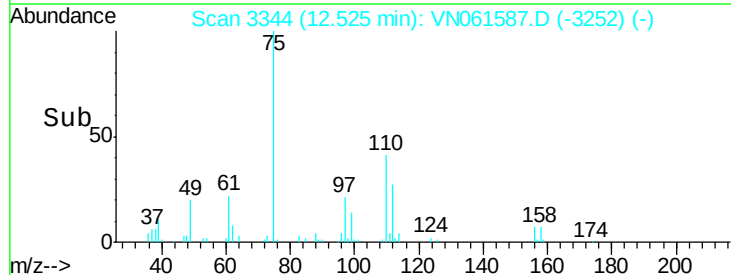
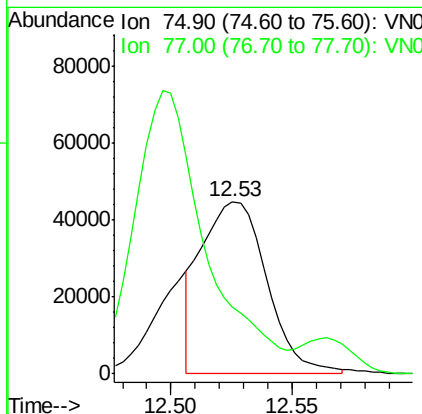
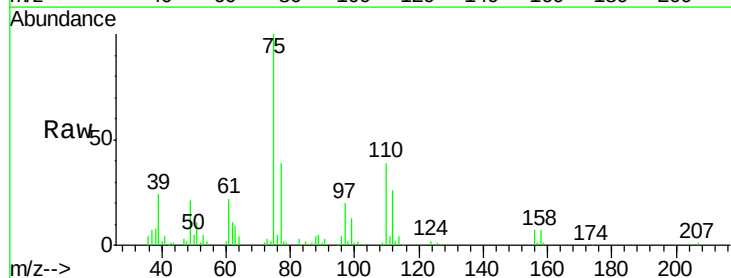
RT: 12.53 min Scan# 3344

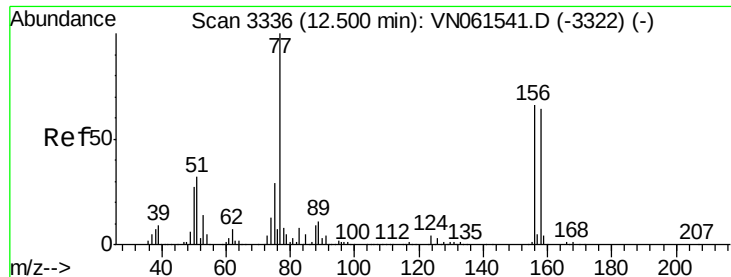
Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion:	75	Resp:	84282
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





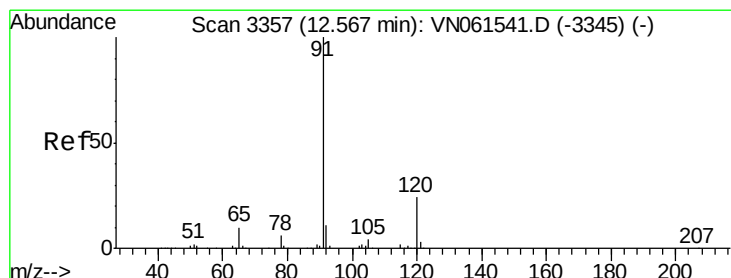
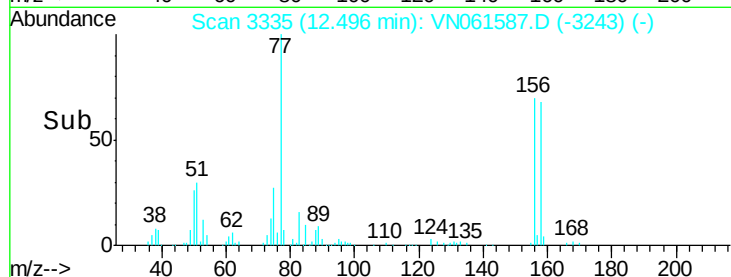
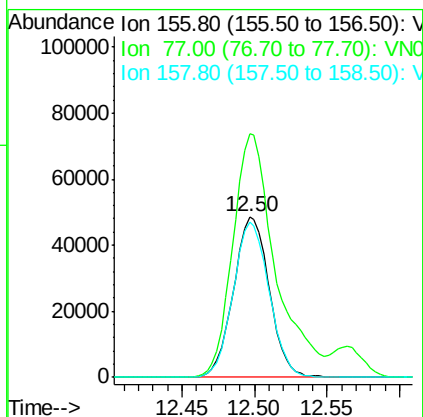
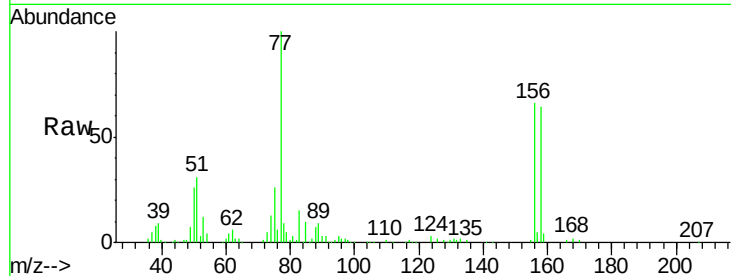
#77
Bromobenzene
Concen: 18.440 ug/l
RT: 12.50 min Scan# 3335
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampled :
VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	180.7	90.9	272.7
158	97.1	48.4	145.3

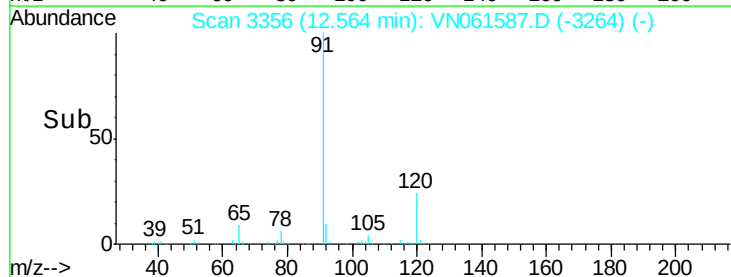
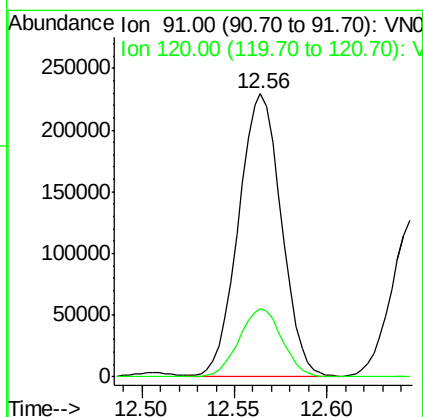
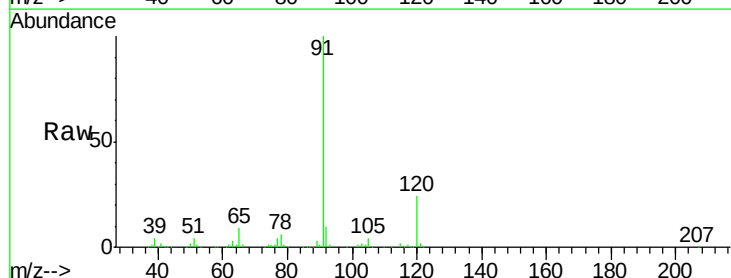
Manual Integrations
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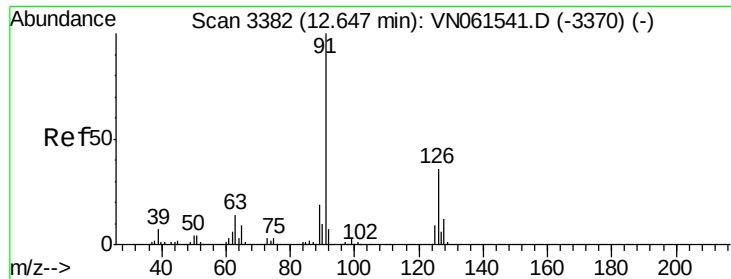
MMDadoda
6/2/2020 4:01:38 PM



#78
n-propylbenzene
Concen: 18.433 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	12.3	36.9





#79

2-Chlorotoluene

Concen: 18.185 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampled :

VN0601WBSD01

Tot Ion: 91 Resp: 214337

Ion Ratio Lower Upper

91 100

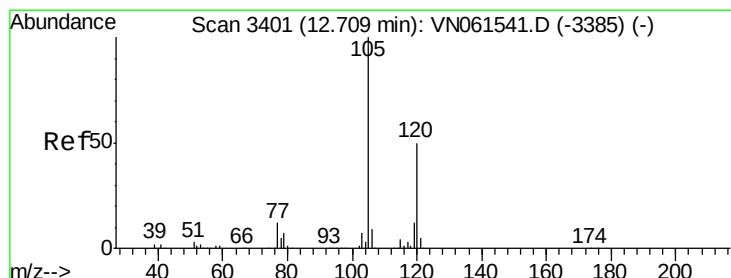
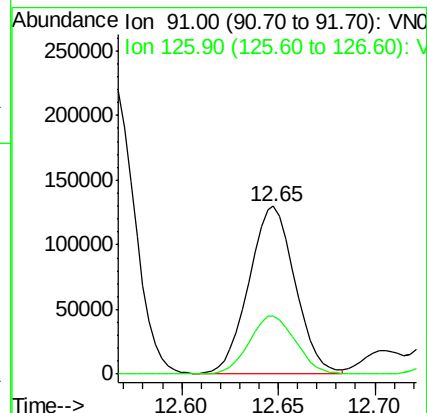
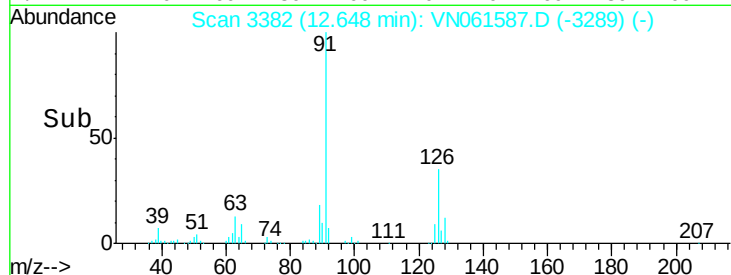
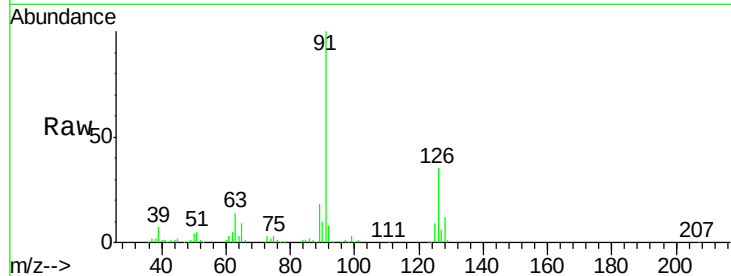
126 35.4 17.9 53.7

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6/2/2020 4:01:38 PM



#80

1,3,5-Trimethylbenzene

Concen: 18.537 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061587.D

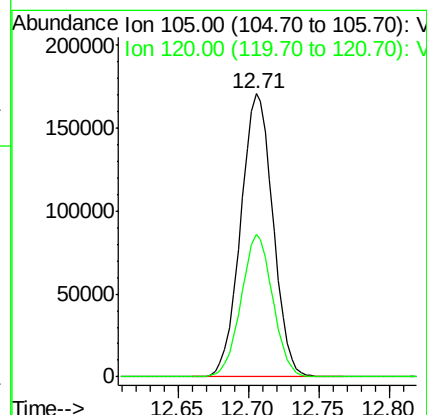
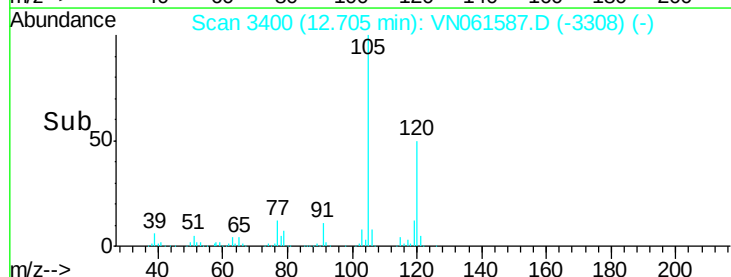
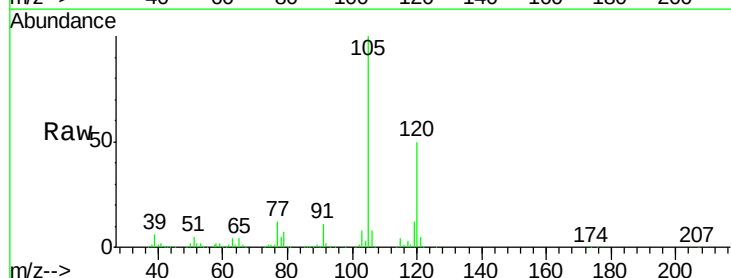
Acq: 1 Jun 2020 12:17

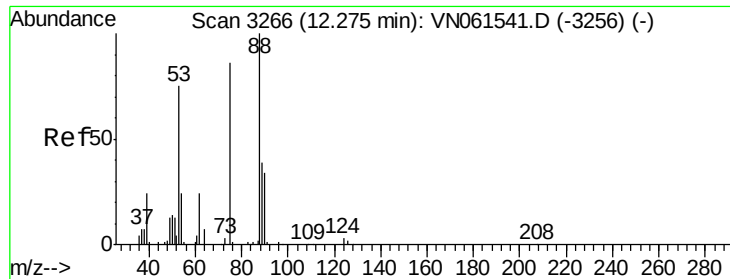
Tgt Ion: 105 Resp: 274341

Ion Ratio Lower Upper

105 100

120 49.4 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.645 ug/l

RT: 12.27 min Scan# 3265

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

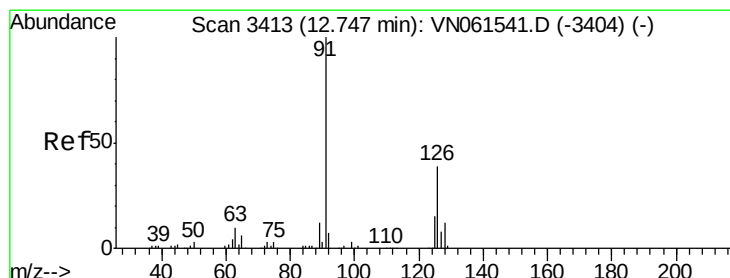
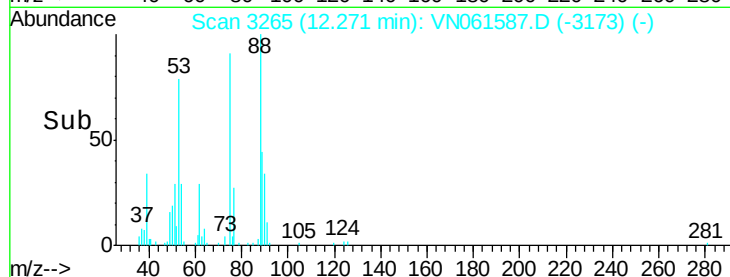
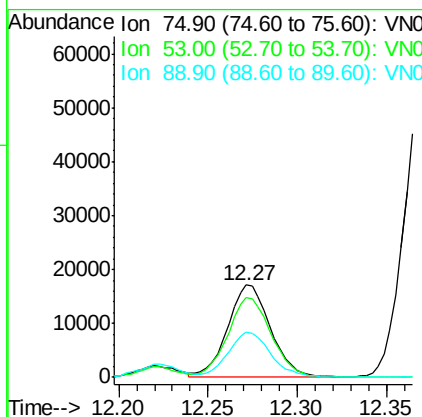
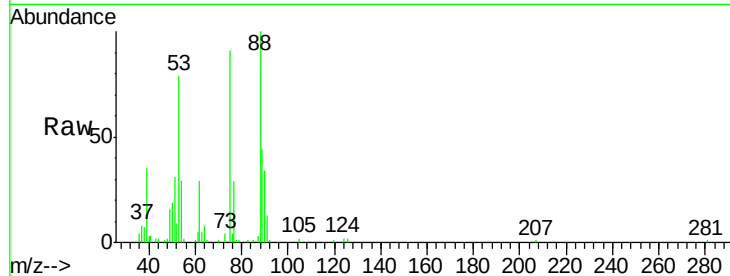
ClientSampleId :

VN0601WBSD01

Tot Ion:	75	Resp:	28714
Ion	Ratio	Lower	Upper
75	100		
53	88.3	67.8	101.8
89	48.4	37.1	55.7

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#82

4-Chlorotoluene

Concen: 18.162 ug/l

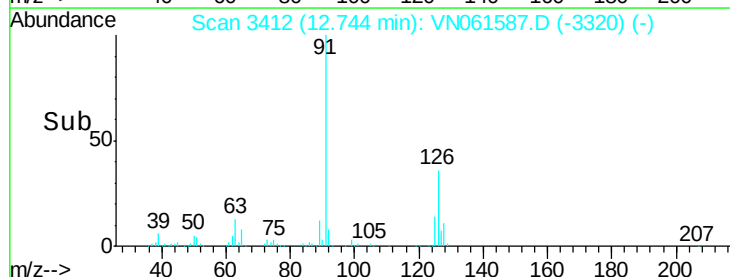
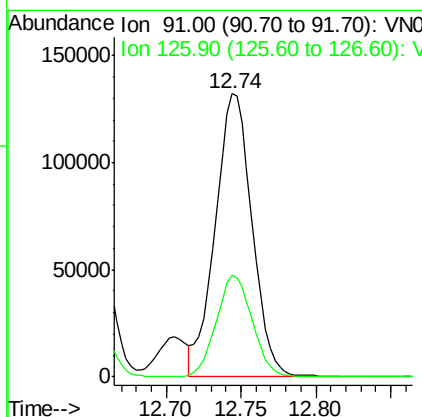
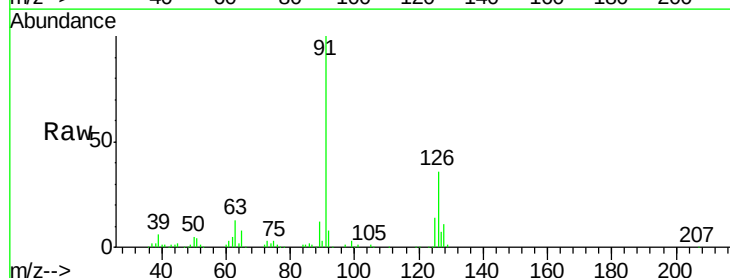
RT: 12.74 min Scan# 3412

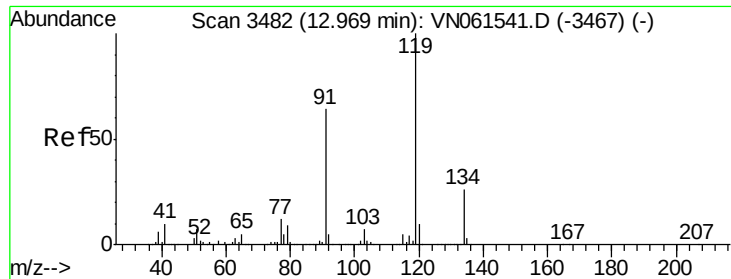
Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion:	91	Resp:	225200
Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.5	52.6





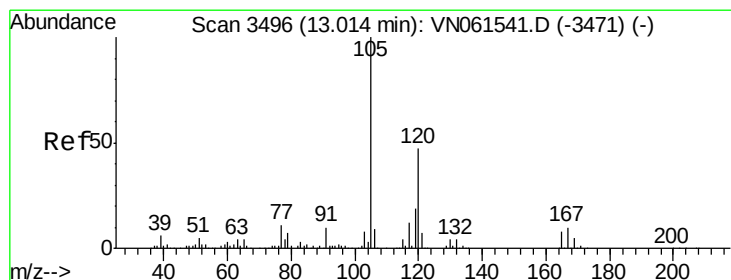
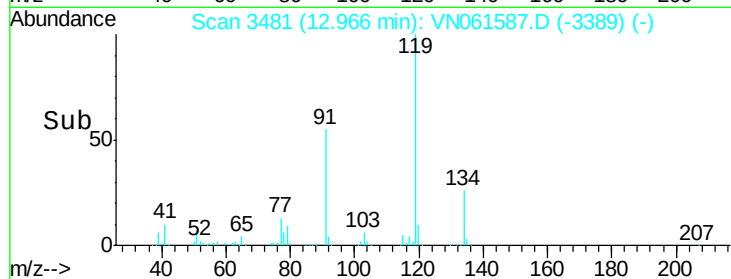
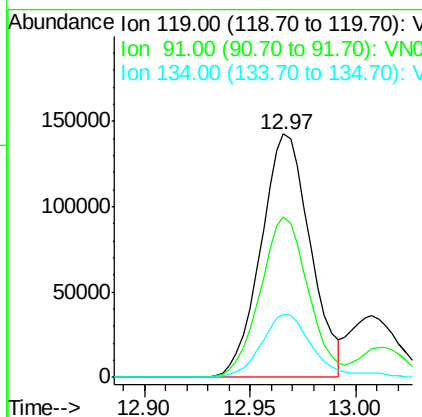
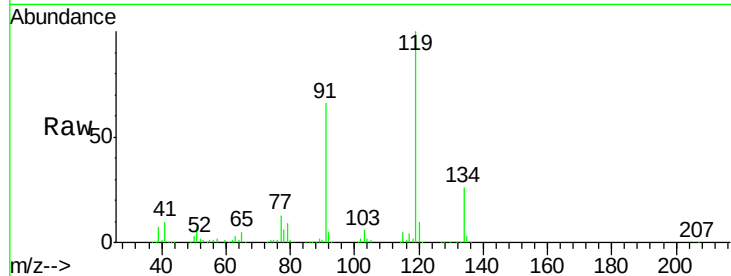
#83
 tert-Butylbenzene
 Concen: 17.759 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.3	31.3	93.8
134	27.1	13.5	40.4

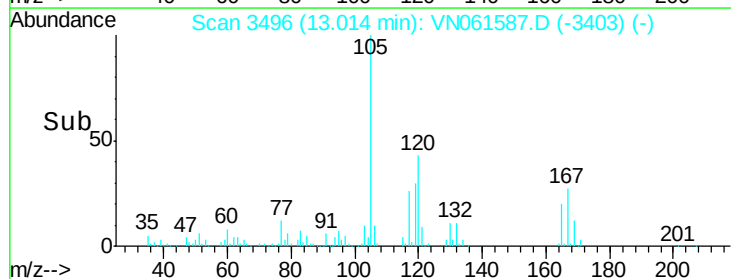
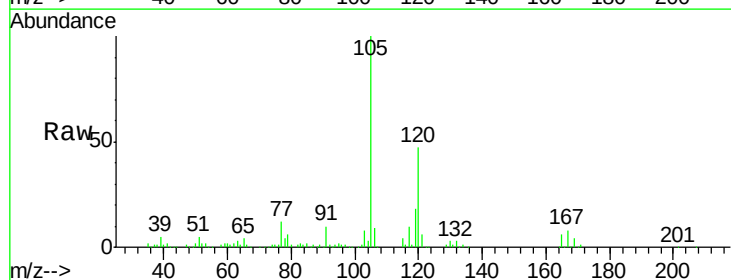
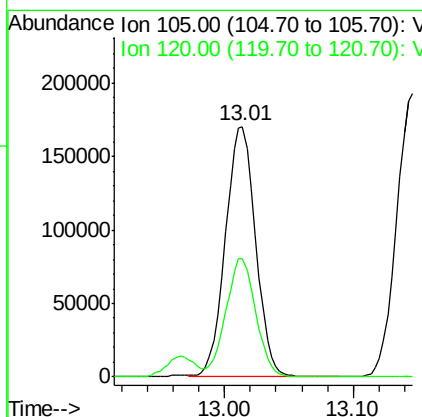
Manual Integrations
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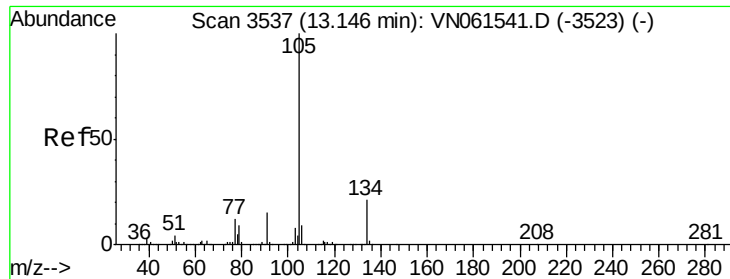
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.736 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.2	69.5





#85

sec-Butylbenzene

Concen: 18.326 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

ClientSampleId :

VN0601WBSD01

Tot Ion:105 Resp: 308775

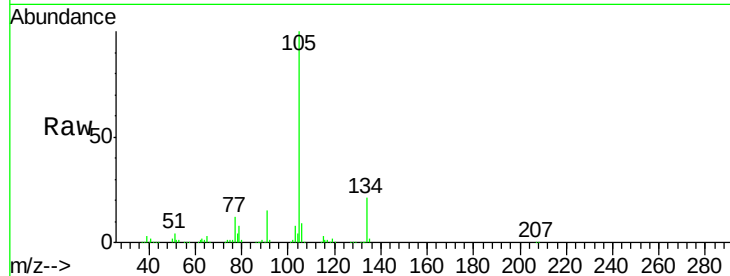
Ion Ratio Lower Upper

105 100

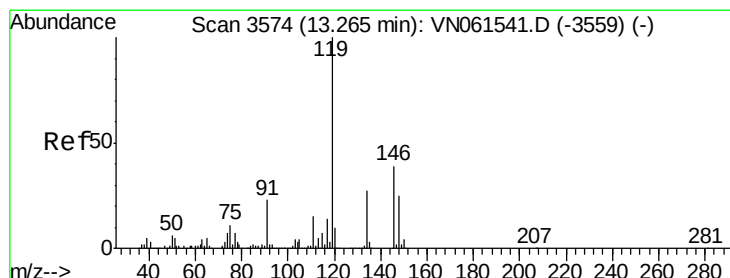
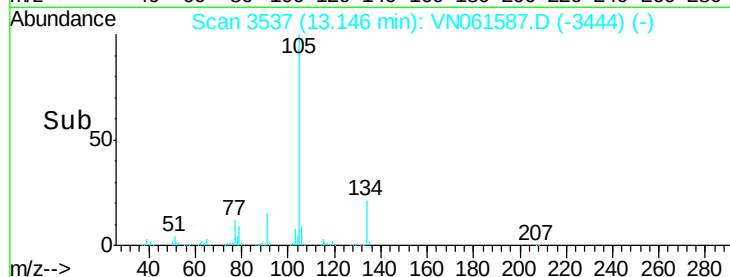
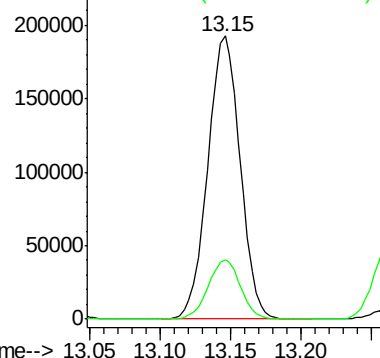
134 21.0 10.7 31.9

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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.651 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

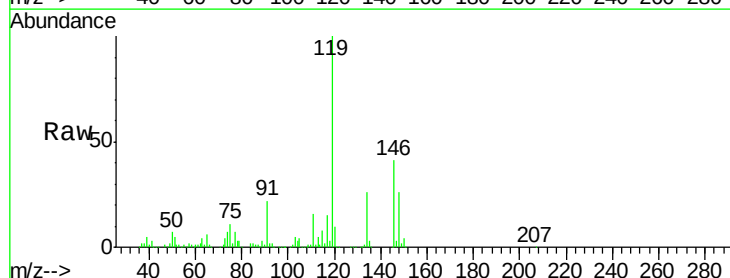
Tgt Ion:119 Resp: 289399

Ion Ratio Lower Upper

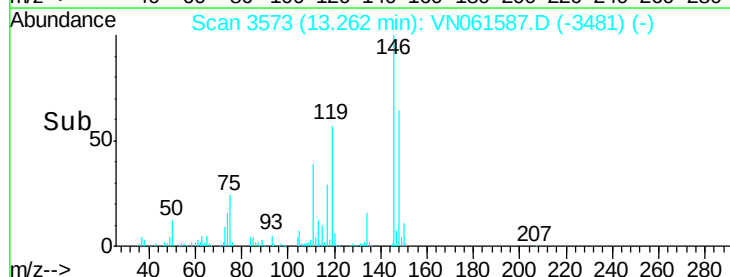
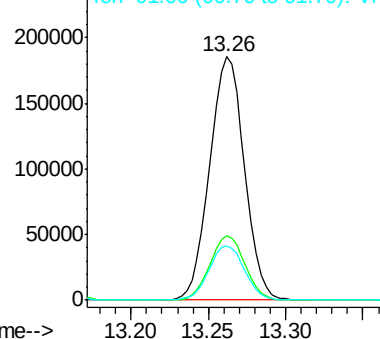
119 100

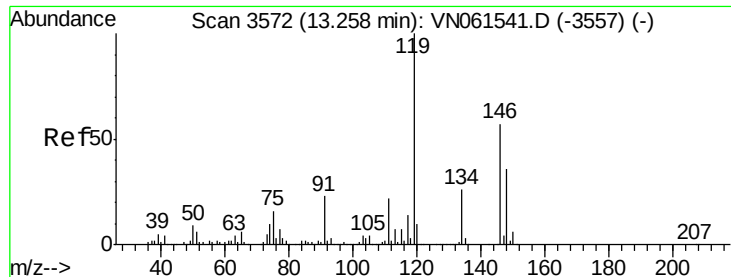
134 26.7 13.5 40.5

91 22.8 11.4 34.1



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





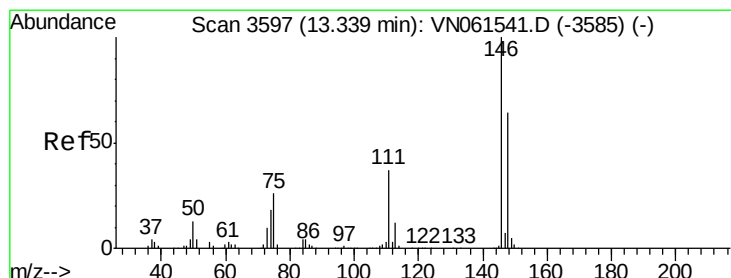
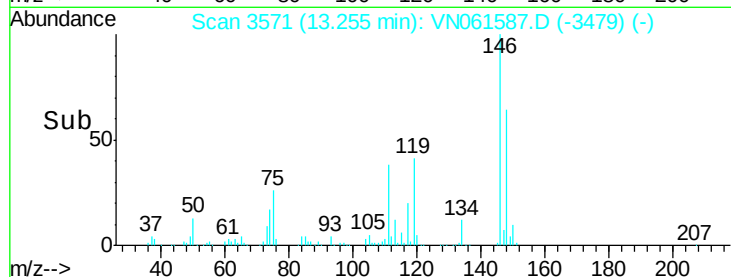
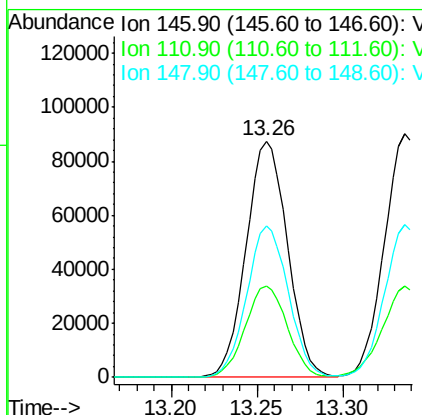
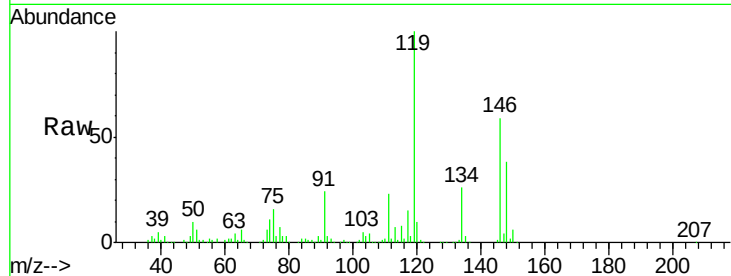
#87
 1,3-Dichlorobenzene
 Concen: 18.263 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.2	57.6
148	64.3	31.7	95.1

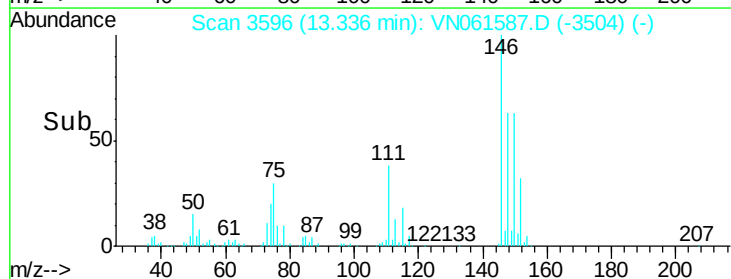
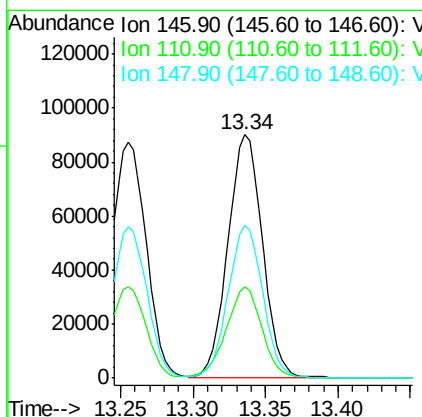
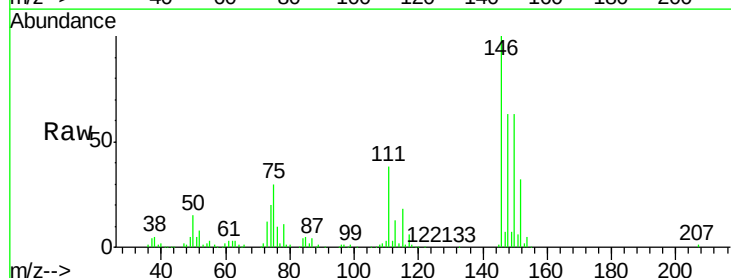
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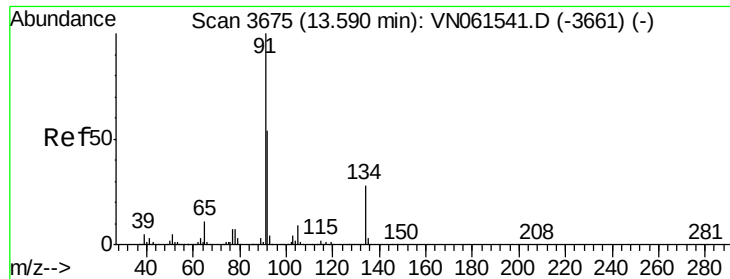
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 6/2/2020 4:01:38 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.246 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	18.9	56.9
148	63.4	31.8	95.3





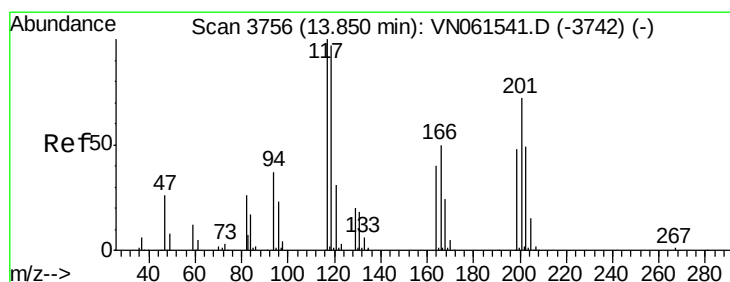
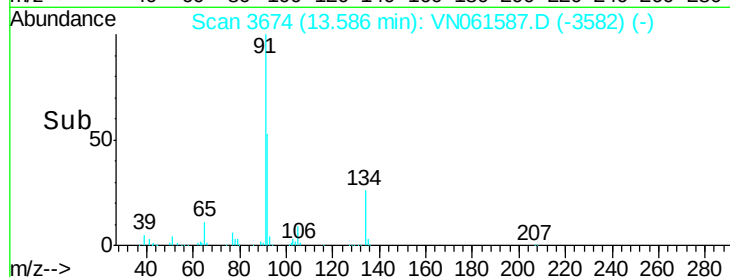
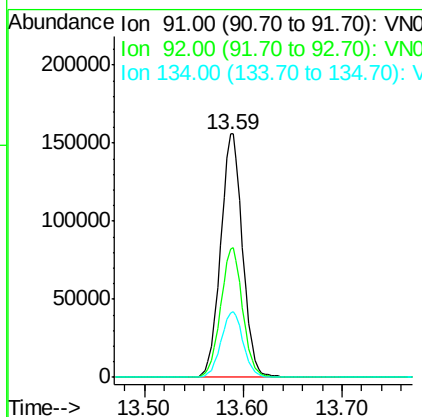
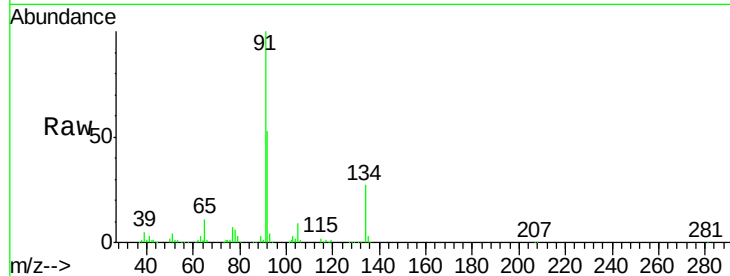
#89
n-Butylbenzene
Concen: 18.744 ug/l
RT: 13.59 min Scan# 3674
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	27.2	81.6
134	27.3	14.0	42.0

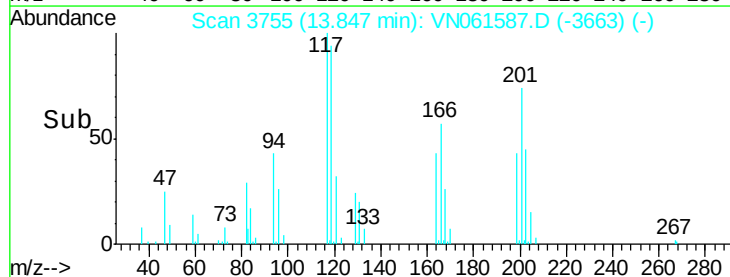
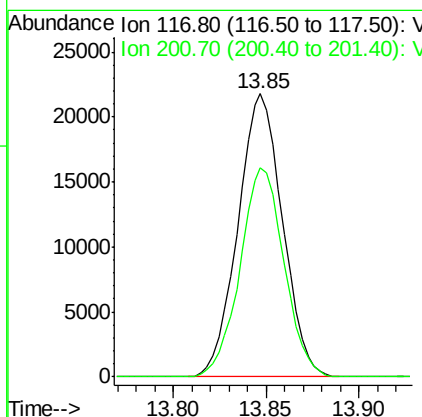
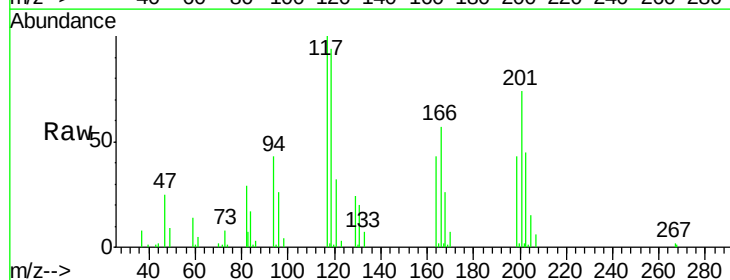
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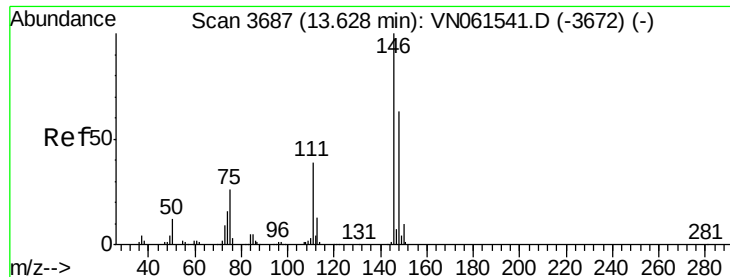
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#90
Hexachloroethane
Concen: 21.100 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.9	36.7	110.1





#91

1,2-Dichlorobenzene

Concen: 18.924 ug/l

RT: 13.63 min Scan# 3686

Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Instrument :

MSVOA_N

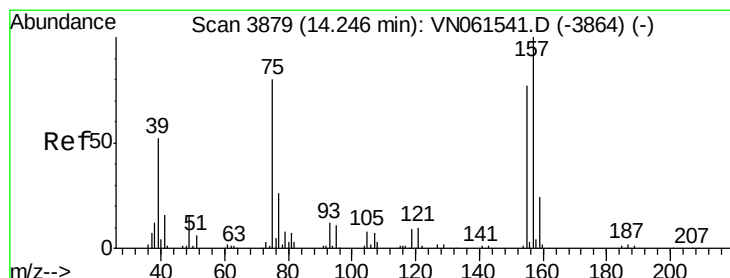
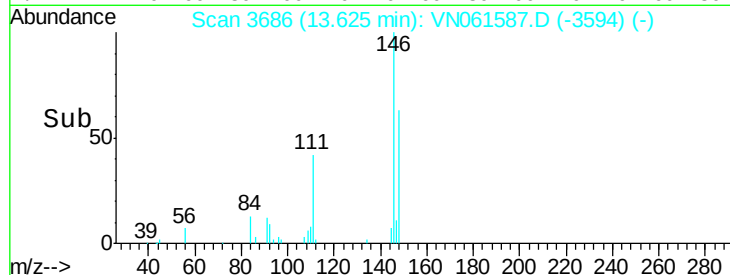
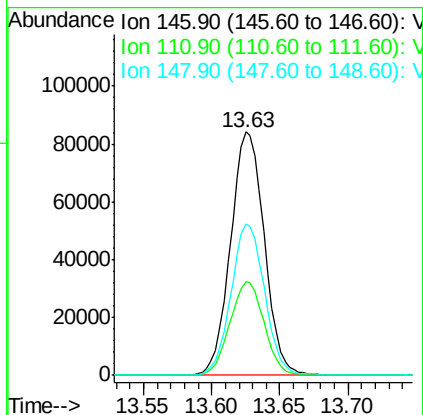
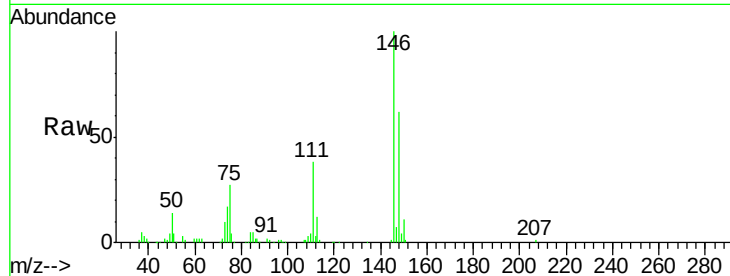
ClientSampleId :

VN0601WBSD01

Tot Ion:	146	Resp:	144746
Ion Ratio	Lower	Upper	
146	100		
111	38.9	20.1	60.2
148	61.7	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 15.747 ug/l

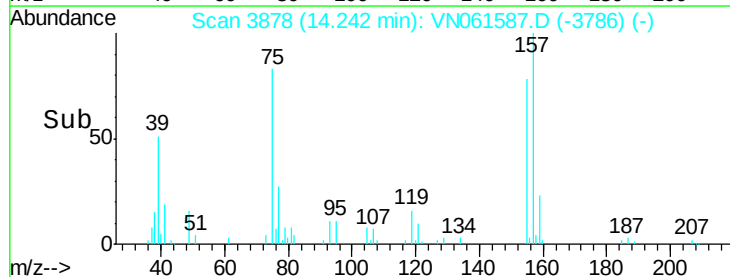
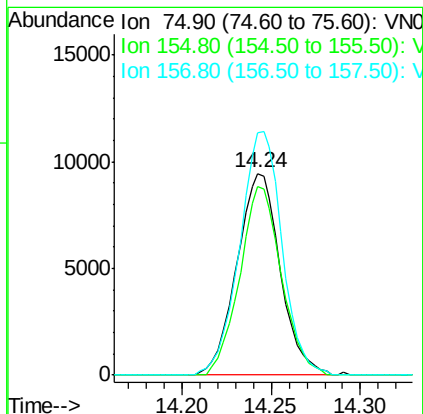
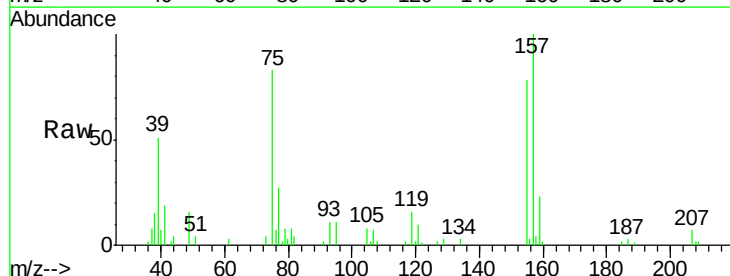
RT: 14.24 min Scan# 3878

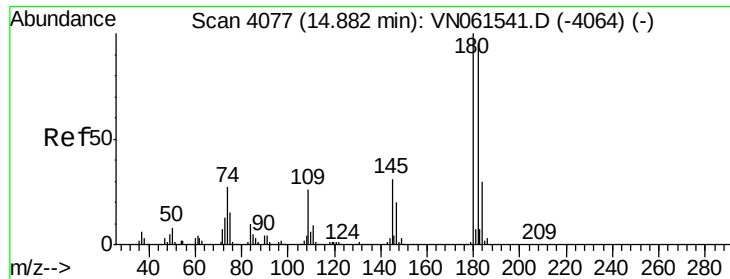
Delta R.T. -0.00 min

Lab File: VN061587.D

Acq: 1 Jun 2020 12:17

Tgt Ion:	75	Resp:	15935
Ion Ratio	Lower	Upper	
75	100		
155	89.9	47.1	141.4
157	118.3	60.3	180.8





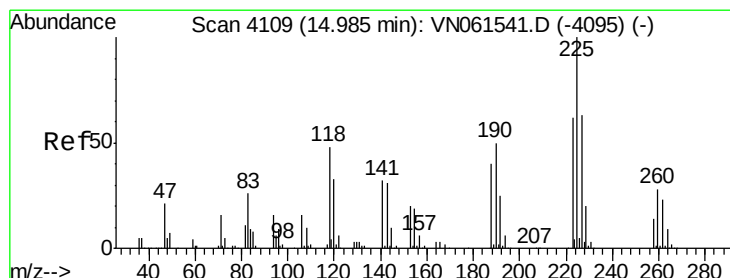
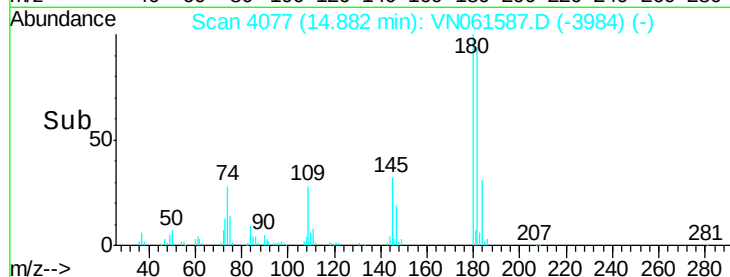
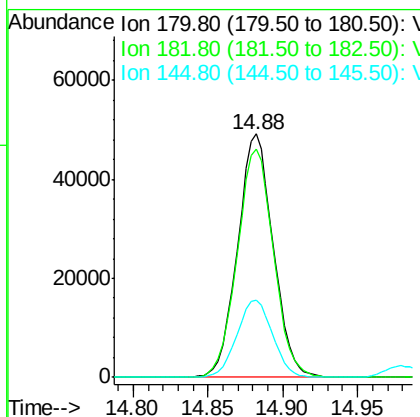
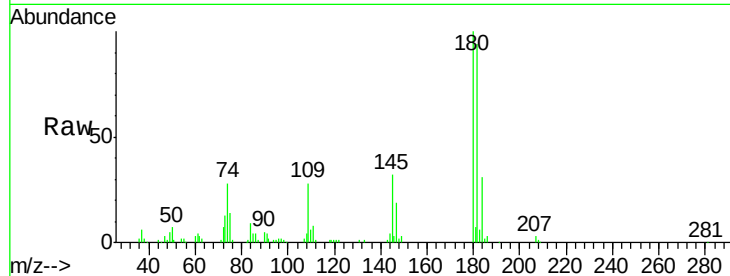
#93
 1,2,4-Trichlorobenzene
 Concen: 18.187 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0601WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	81354		
182	95.8	47.8	143.3	
145	31.8	15.5	46.5	

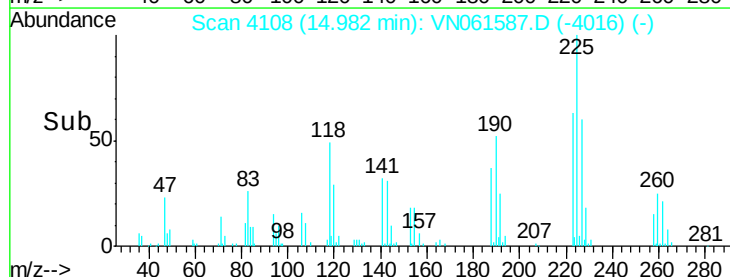
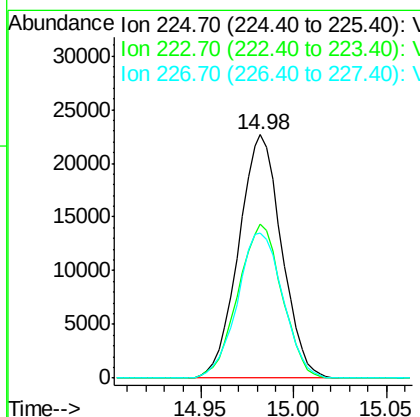
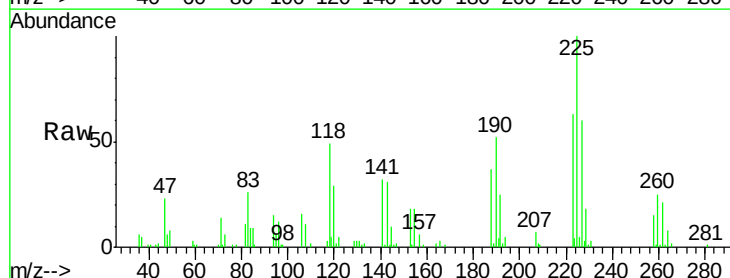
Manual Integrations
 APPROVED

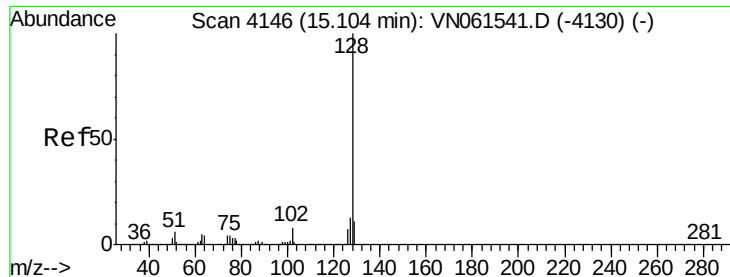
MMDadoda
 6/2/2020 4:01:38 PM



#94
 Hexachlorobutadiene
 Concen: 19.071 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061587.D
 Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36383		
223	64.6	31.9	95.5	
227	63.1	31.9	95.9	





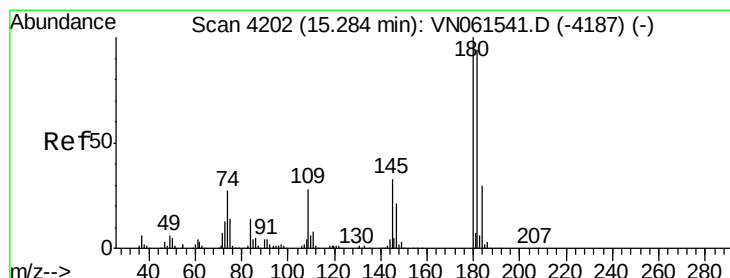
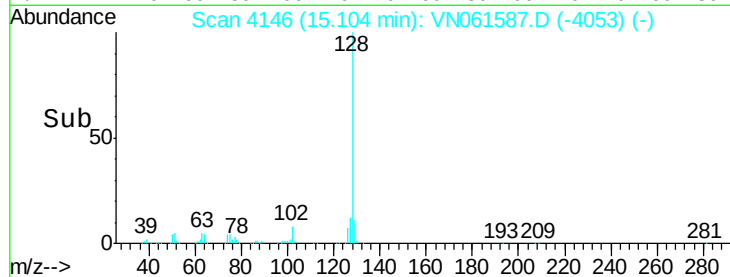
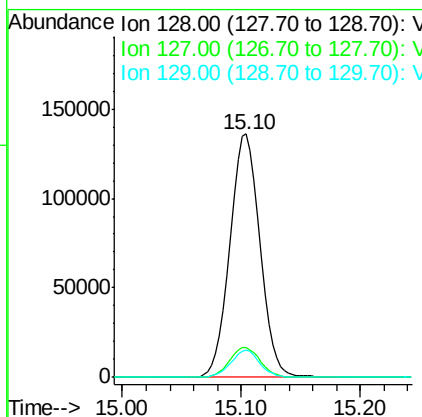
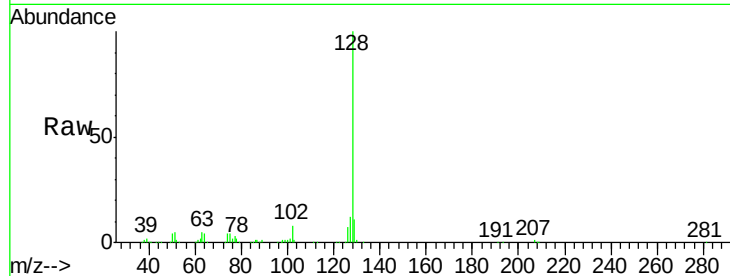
#95
Naphthalene
Concen: 17.508 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Instrument :
MSVOA_N
ClientSampleId :
VN0601WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.0	15.0
129	10.7	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/2/2020 4:01:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.453 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061587.D
Acq: 1 Jun 2020 12:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.1	141.3
145	33.7	16.3	48.9

