

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061611.D
 Acq On : 2 Jun 2020 11:21
 Operator : JC/MD
 Sample : VN0602WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2020 11:32:19 AM

Quant Time: Jun 03 01:16:38 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	344802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	575599	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	538918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	268953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	209227	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
35) Dibromofluoromethane	7.54	113	161779	55.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.82%	
50) Toluene-d8	10.06	98	698029	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
62) 4-Bromofluorobenzene	12.37	95	254137	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	73147	19.100	ug/l	100
3) Chloromethane	2.03	50	78655	18.703	ug/l	99
4) Vinyl Chloride	2.16	62	106819	18.535	ug/l	100
5) Bromomethane	2.54	94	66541	20.122	ug/l	97
6) Chloroethane	2.67	64	68050	18.345	ug/l	100
7) Trichlorofluoromethane	2.98	101	143418	19.298	ug/l	97
8) Diethyl Ether	3.37	74	41304	18.176	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	64728	19.628	ug/l	100
10) Methyl Iodide	3.91	142	85895	18.763	ug/l	100
11) Tert butyl alcohol	4.73	59	55181	100.986	ug/l	99
12) 1,1-Dichloroethene	3.69	96	62914	17.857	ug/l	97
13) Acrolein	3.57	56	17772	93.033	ug/l	95
14) Allyl chloride	4.27	41	82106	17.825	ug/l	98
15) Acrylonitrile	4.92	53	134620	88.265	ug/l	99
16) Acetone	3.77	43	109202	92.547	ug/l	97
17) Carbon Disulfide	4.01	76	159848	20.621	ug/l	99
18) Methyl Acetate	4.27	43	64060	17.226	ug/l #	71
19) Methyl tert-butyl Ether	4.99	73	222559	18.535	ug/l	100
20) Methylene Chloride	4.50	84	72141	18.214	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	72945	18.359	ug/l	91
22) Diisopropyl ether	5.90	45	189669	18.683	ug/l	97
23) Vinyl Acetate	5.84	43	705201	87.154	ug/l	98
24) 1,1-Dichloroethane	5.79	63	120406	18.703	ug/l	100
25) 2-Butanone	6.78	43	164336	84.407	ug/l	99
26) 2,2-Dichloropropane	6.77	77	113436	19.252	ug/l	100
27) cis-1,2-Dichloroethene	6.77	96	86660	19.261	ug/l	98
28) Bromochloromethane	7.15	49	52934	21.096	ug/l	98
29) Tetrahydrofuran	7.16	42	107378	83.638	ug/l	99
30) Chloroform	7.32	83	135584	19.037	ug/l	99
31) Cyclohexane	7.61	56	108947	18.817	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	120673	18.595	ug/l	99
36) 1,1-Dichloropropene	7.75	75	97888	19.210	ug/l	99
37) Ethyl Acetate	6.88	43	72379	17.636	ug/l	97
38) Carbon Tetrachloride	7.73	117	98513	20.043	ug/l	97

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 Sample : VN0602WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0602WBS01

Manual Integrations
 APPROVED

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 6/3/2020 11:32:19 AM

Quant Time: Jun 03 01:16:38 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)
39) Methylcyclohexane	9.04	83	120813	19.236	ug/l	99
40) Benzene	8.00	78	295379	18.788	ug/l	99
41) Methacrylonitrile	7.12	41	31806	16.915	ug/l	93
42) 1,2-Dichloroethane	8.08	62	99623	18.927	ug/l	99
43) Isopropyl Acetate	8.12	43	127799	17.308	ug/l #	91
44) Trichloroethene	8.80	130	91708	18.980	ug/l	97
45) 1,2-Dichloropropane	9.08	63	71290	19.096	ug/l	99
46) Dibromomethane	9.17	93	53172	18.571	ug/l	99
47) Bromodichloromethane	9.37	83	107619	18.971	ug/l	99
48) Methyl methacrylate	9.16	41	53330	16.053	ug/l	97
49) 1,4-Dioxane	9.16	88	24914	484.099	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	355558	85.451	ug/l	99
52) Toluene	10.12	92	201026	19.590	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	113699	18.606	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	122288	18.611	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	75576	18.486	ug/l	99
56) Ethyl methacrylate	10.40	69	102823	18.005	ug/l	99
57) 1,3-Dichloropropane	10.68	76	123350	18.865	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	216740	88.808	ug/l	100
59) 2-Hexanone	10.72	43	253052	84.681	ug/l	100
60) Dibromochloromethane	10.87	129	88232	18.984	ug/l	99
61) 1,2-Dibromoethane	10.98	107	81011	18.999	ug/l	99
64) Tetrachloroethene	10.60	164	97892	19.297	ug/l	98
65) Chlorobenzene	11.40	112	217852	19.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	80349	19.263	ug/l	97
67) Ethyl Benzene	11.48	91	375106	19.374	ug/l	98
68) m/p-Xylenes	11.59	106	295711	38.519	ug/l	98
69) o-Xylene	11.92	106	141450	19.399	ug/l	99
70) Styrene	11.94	104	232281	19.236	ug/l	99
71) Bromoform	12.10	173	56443	17.561	ug/l #	99
73) Isopropylbenzene	12.22	105	378624	19.288	ug/l	98
74) N-amyl acetate	12.04	43	104009	16.825	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	96248	17.497	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	89096m	18.218	ug/l	
77) Bromobenzene	12.50	156	93808	18.721	ug/l	99
78) n-propylbenzene	12.56	91	418591	19.101	ug/l	100
79) 2-Chlorotoluene	12.65	91	243853	18.661	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	316246	19.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	32490	16.989	ug/l	100
82) 4-Chlorotoluene	12.75	91	254618	18.522	ug/l	99
83) tert-Butylbenzene	12.97	119	277002	19.108	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	311335	19.101	ug/l	98
85) sec-Butylbenzene	13.15	105	359700	19.256	ug/l	99
86) p-Isopropyltoluene	13.26	119	338849	19.698	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	170488	19.214	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	168234	18.612	ug/l	98
89) n-Butylbenzene	13.59	91	276694	19.203	ug/l	100
90) Hexachloroethane	13.85	117	41325	21.722	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	162674	19.184	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18044	16.084	ug/l	98

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0602WBS01

Manual Integrations
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Quant Time: Jun 03 01:16:38 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)
93) 1,2,4-Trichlorobenzene	14.88	180	91842	18.520	ug/l	98
94) Hexachlorobutadiene	14.98	225	40344	19.075	ug/l	99
95) Naphthalene	15.10	128	256783	17.012	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	89872	18.432	ug/l	99

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

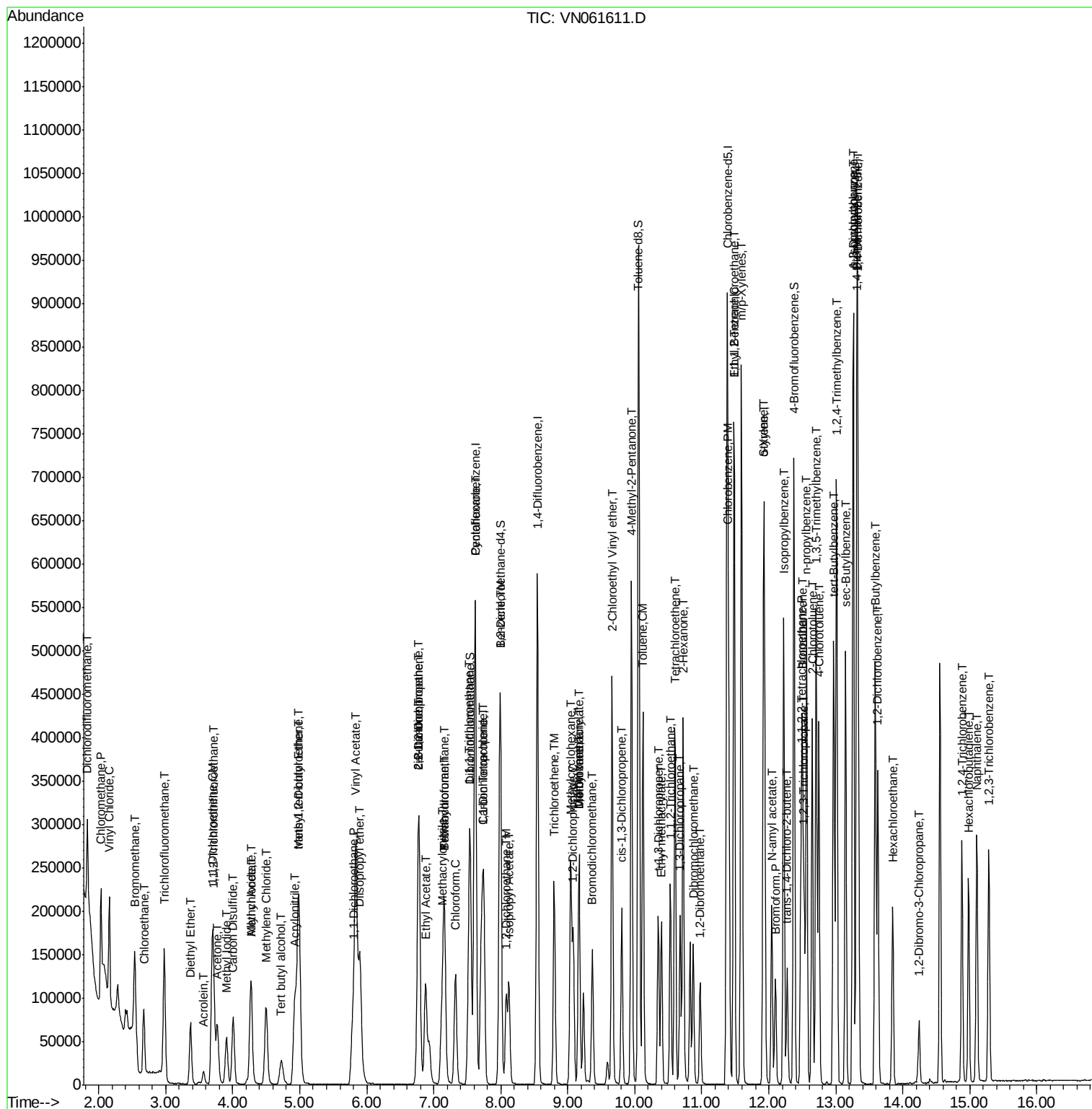
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Data File : VN061611.D
Acq On : 2 Jun 2020 11:21
Operator : JC/MD
Sample : VN0602WBS01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

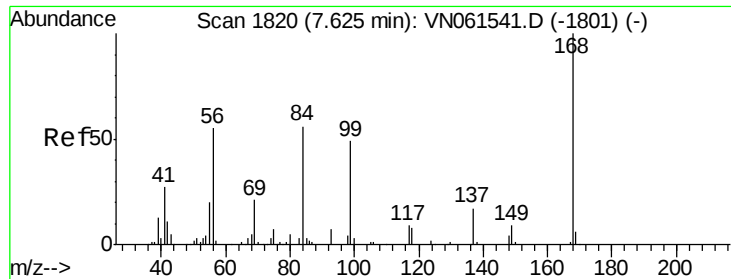
Instrument :
MSVOA_N
ClientSampleId :
VN0602WBS01

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBS01

Tot Ion:168 Resp: 344802

Ion Ratio Lower Upper

168 100

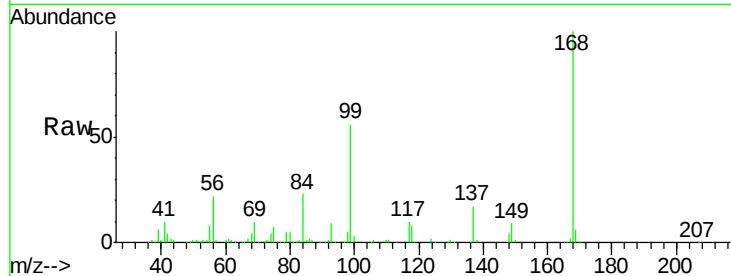
99 55.5 45.0 67.4

Manual Integrations

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6/3/2020 11:32:19 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

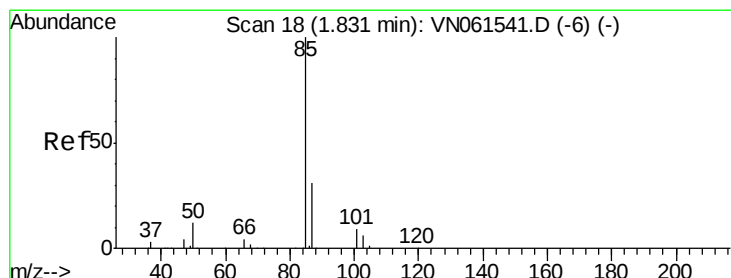
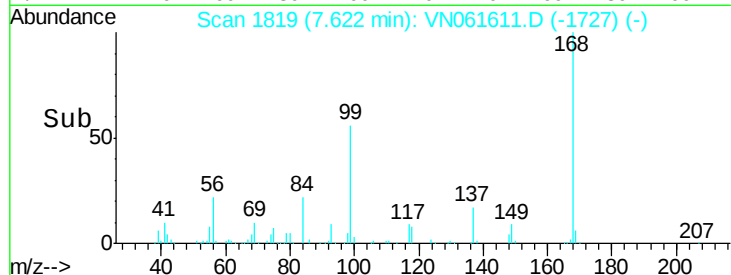
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.100 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061611.D

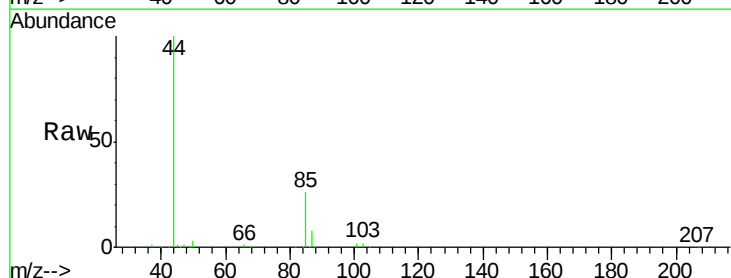
Acq: 2 Jun 2020 11:21

Tgt Ion: 85 Resp: 73147

Ion Ratio Lower Upper

85 100

87 31.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

60000

50000

40000

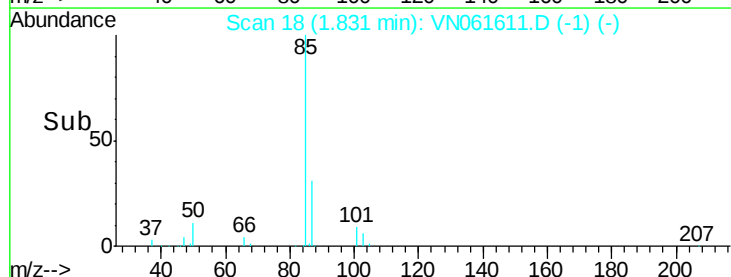
30000

20000

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0

Time-->





#3

Chloromethane

Concen: 18.703 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBS01

Tot Ion: 50 Resp: 78655

Ion Ratio Lower Upper

50 100

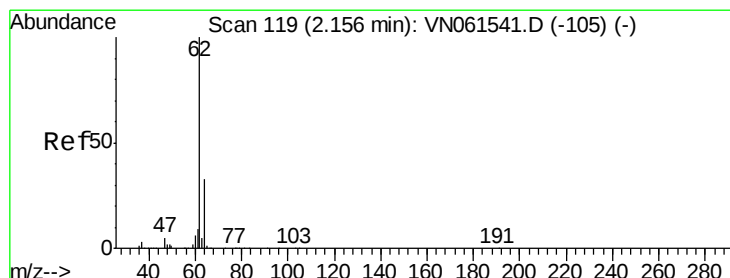
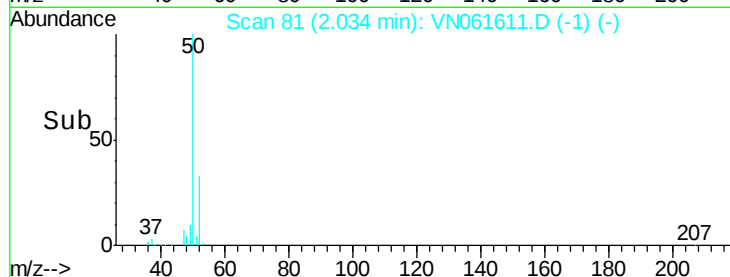
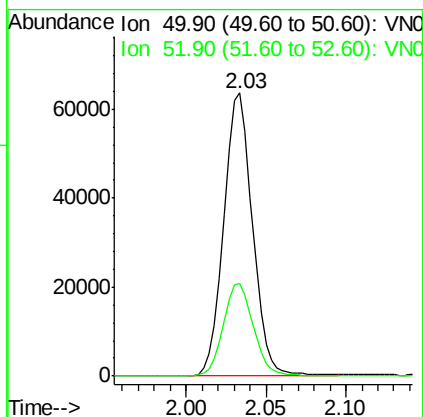
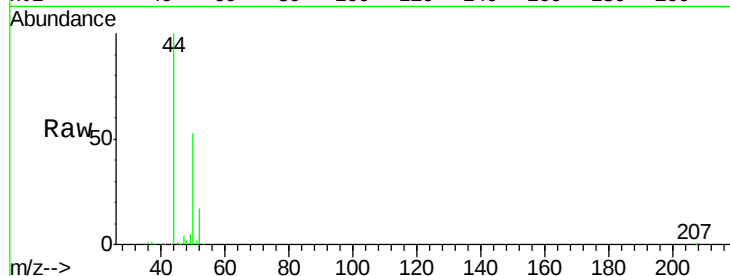
52 32.8 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.535 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061611.D

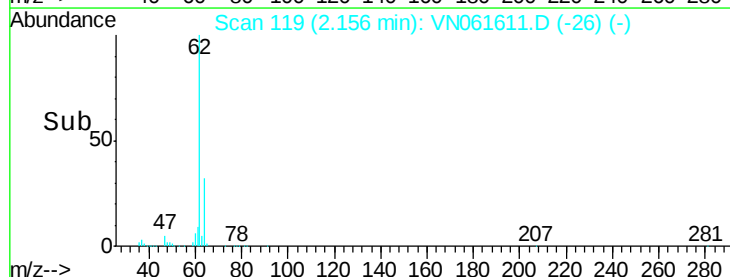
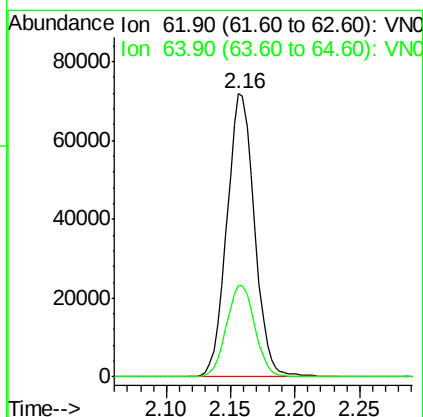
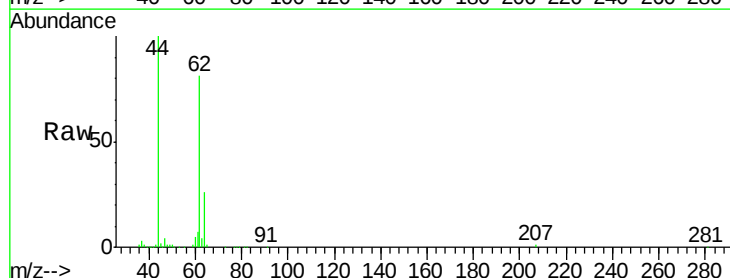
Acq: 2 Jun 2020 11:21

Tgt Ion: 62 Resp: 106819

Ion Ratio Lower Upper

62 100

64 32.4 26.2 39.2





#5

Bromomethane

Concen: 20.122 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBS01

Tot Ion: 94 Resp: 66541

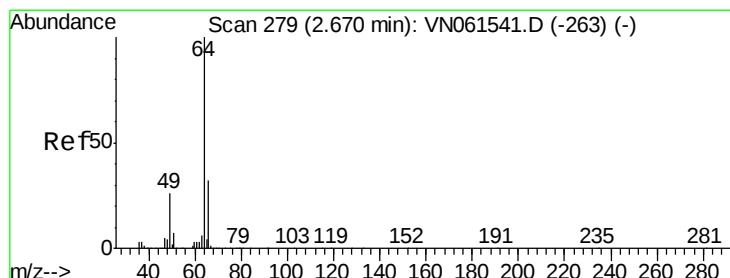
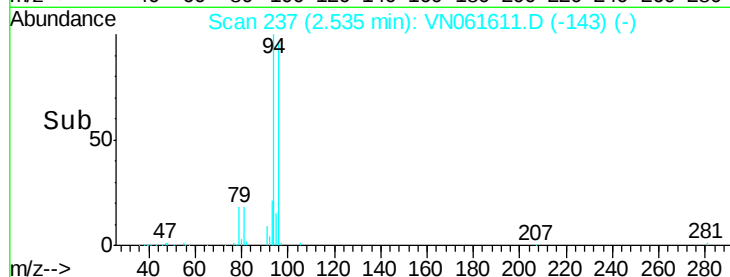
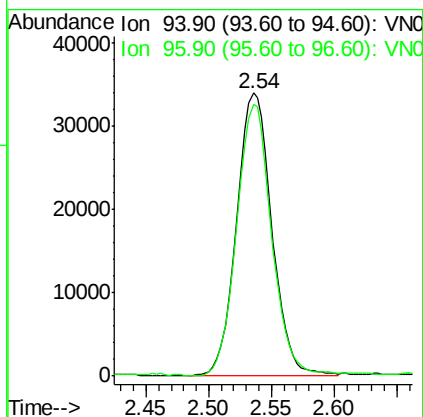
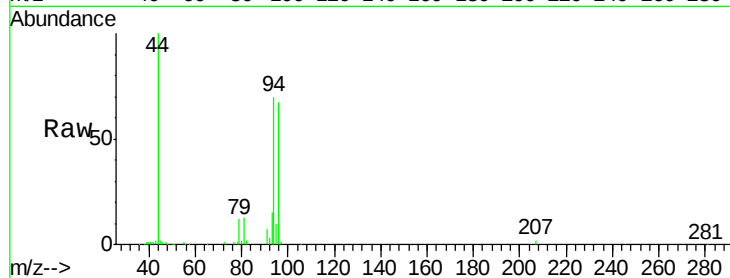
Ion Ratio Lower Upper

94 100

96 96.2 74.8 112.2

Manual Integrations
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6/3/2020 11:32:19 AM



#6

Chloroethane

Concen: 18.345 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061611.D

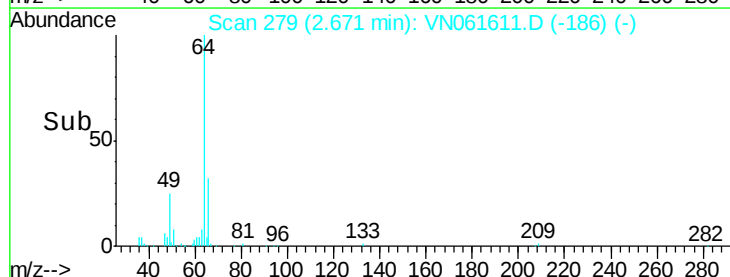
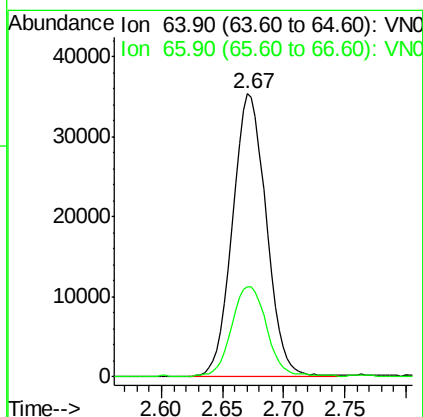
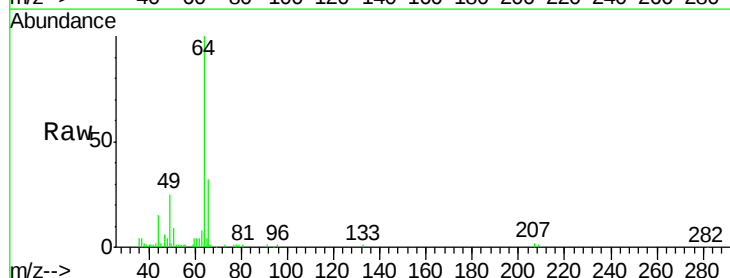
Acq: 2 Jun 2020 11:21

Tgt Ion: 64 Resp: 68050

Ion Ratio Lower Upper

64 100

66 31.9 25.6 38.4





#7

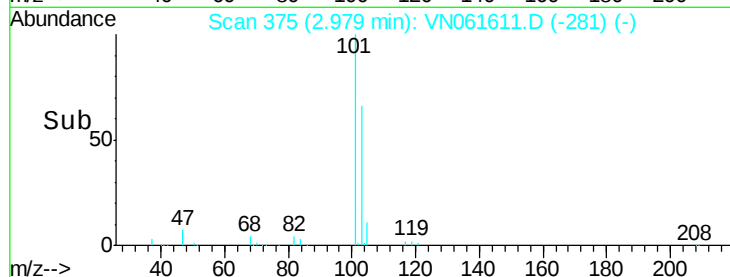
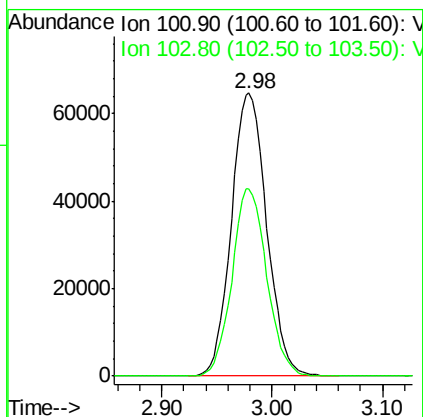
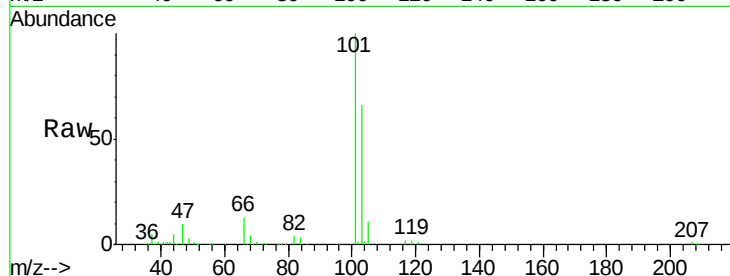
Trichlorofluoromethane
Concen: 19.298 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN0602WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.4	77.2

Manual Integrations
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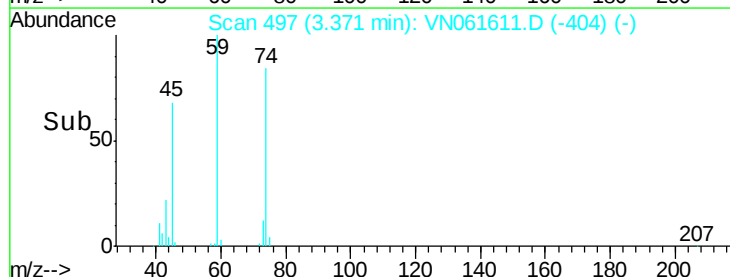
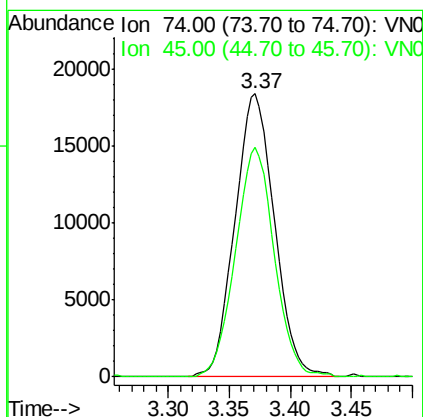
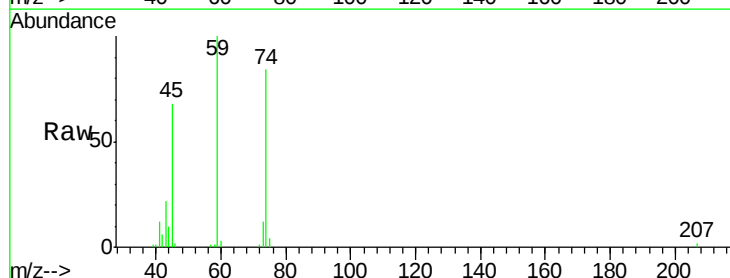
MMDadoda
6/3/2020 11:32:19 AM

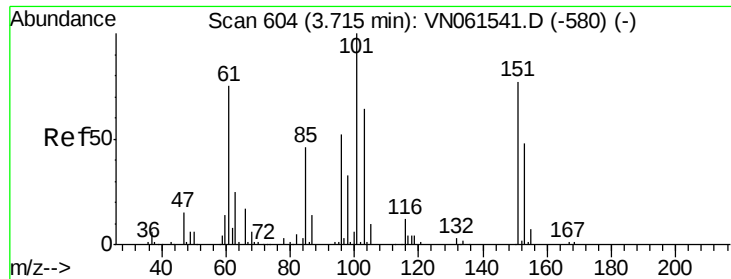


#8

Diethyl Ether
Concen: 18.176 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.5	39.9	119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.628 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

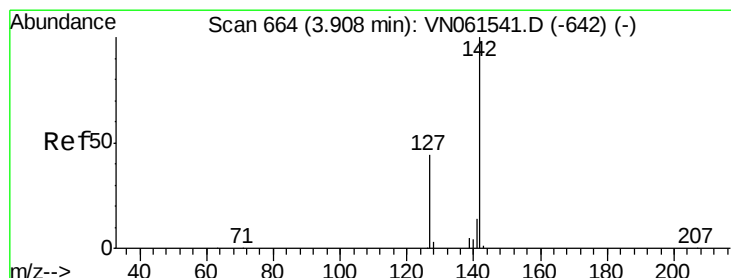
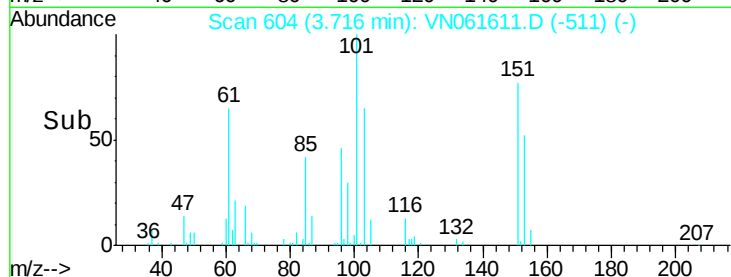
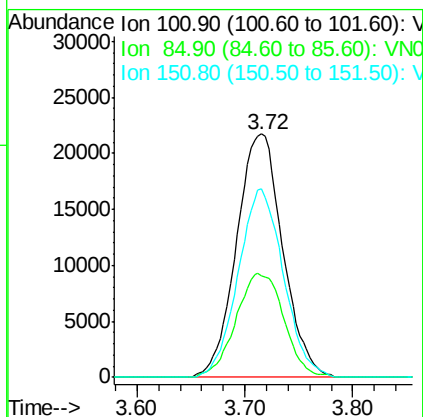
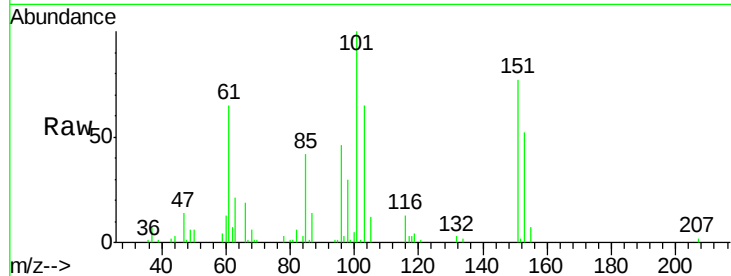
ClientSampled :

VN0602WBS01

Tot Ion:	101	Resp:	64728
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.2	52.8
151	75.8	61.0	91.6

Manual Integrations
APPROVED

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6/3/2020 11:32:19 AM



#10

Methyl Iodide

Concen: 18.763 ug/l

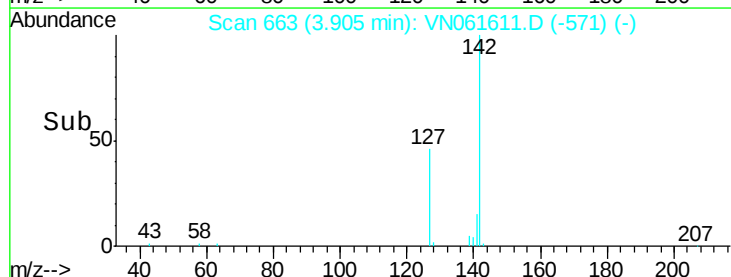
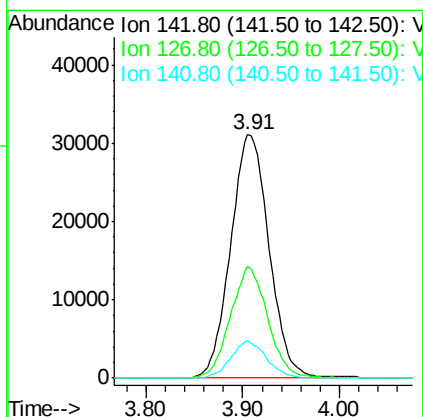
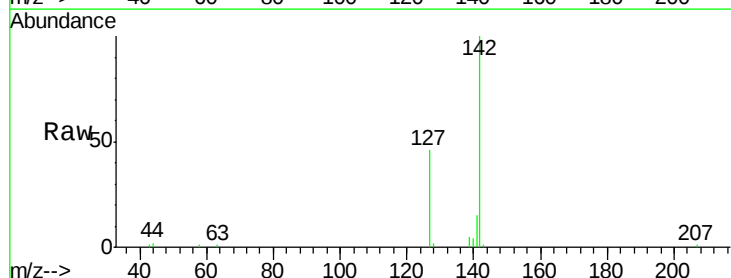
RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Tgt Ion:	142	Resp:	85895
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.5	53.3
141	14.1	11.5	17.3





#11

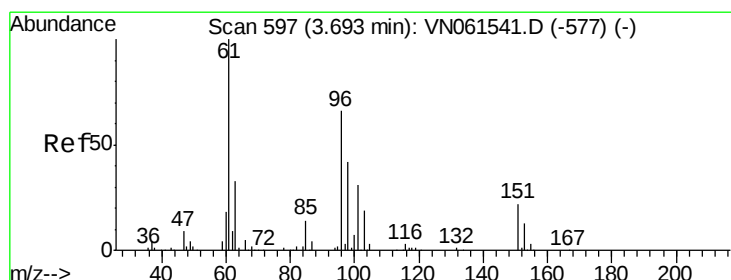
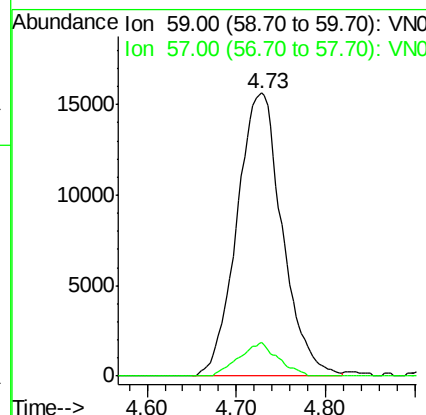
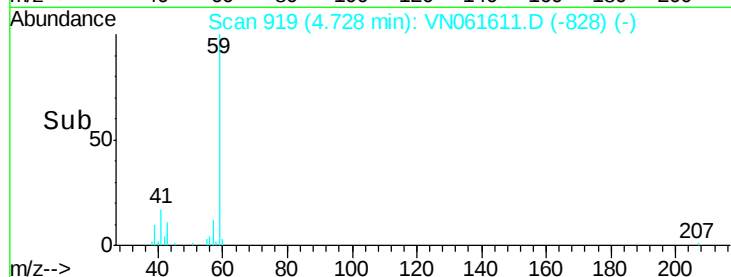
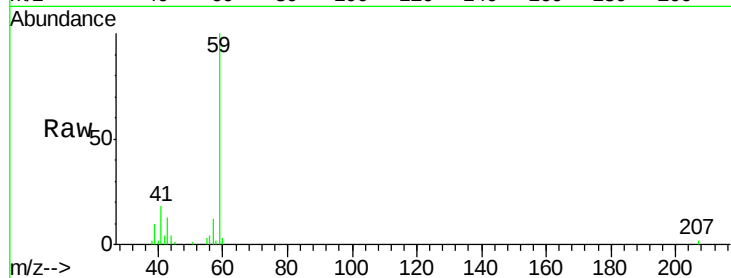
Tert butyl alcohol
Concen: 100.986 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.01 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN0602WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.4	12.6

Manual Integrations
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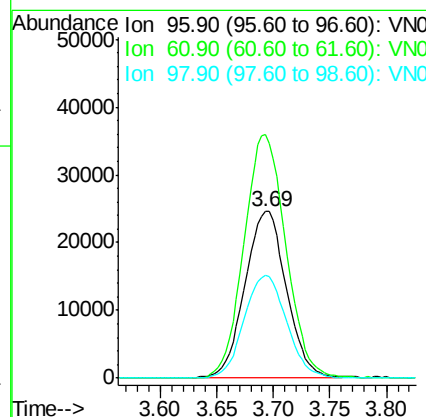
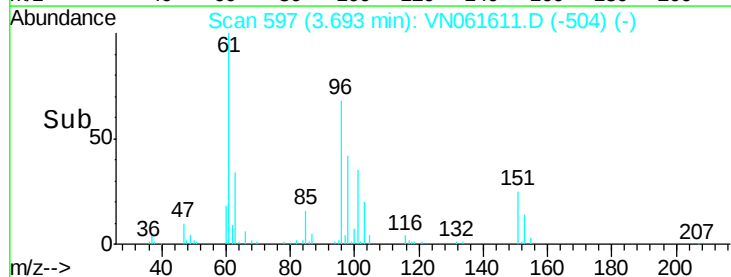
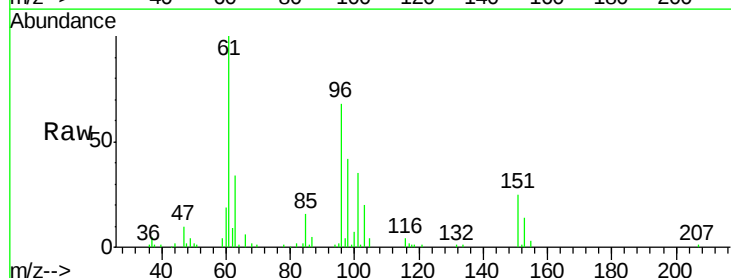
MMDadoda
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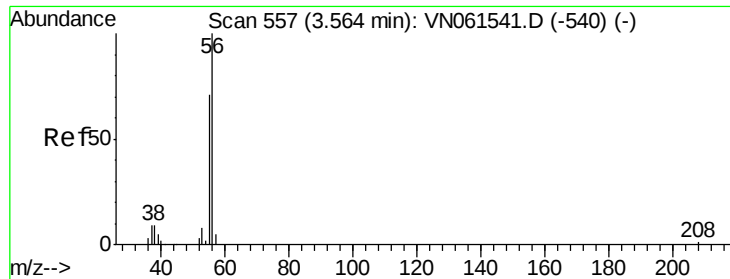


#12

1,1-Dichloroethene
Concen: 17.857 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	146.0	120.5	180.7
98	61.6	50.8	76.2





#13

Acrolein

Concen: 93.033 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBS01

Tot Ion: 56 Resp: 17772

Ion Ratio Lower Upper

56 100

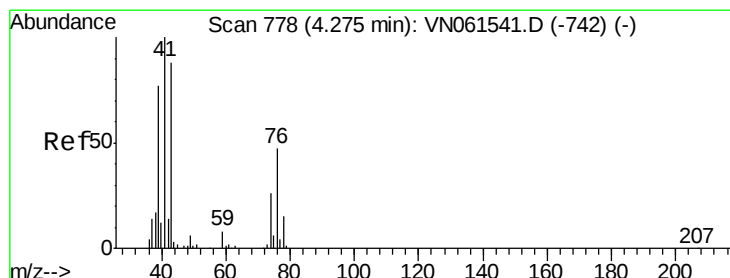
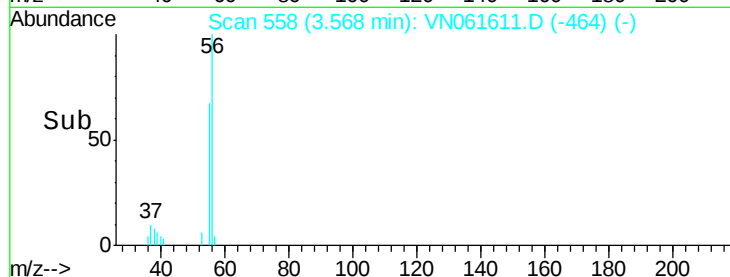
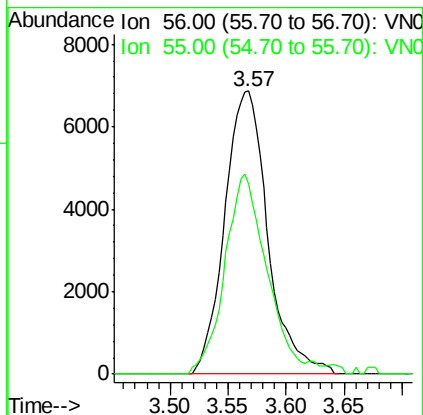
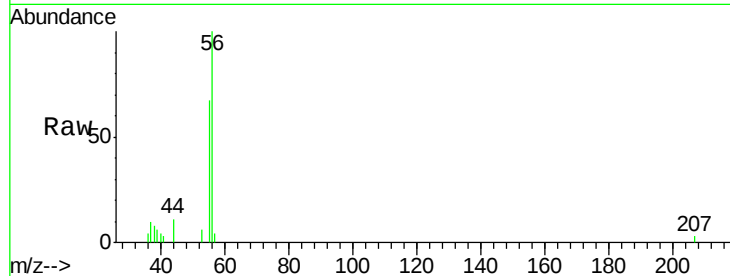
55 68.1 58.0 87.0

Manual Integrations

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#14

Allyl chloride

Concen: 17.825 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

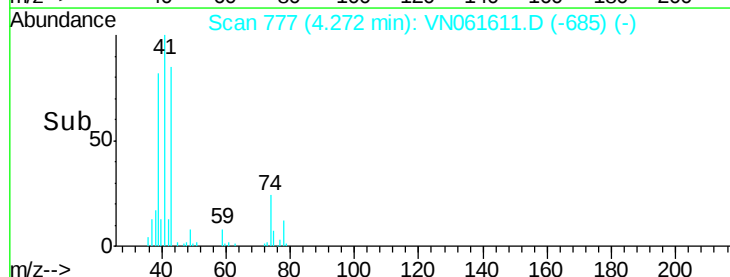
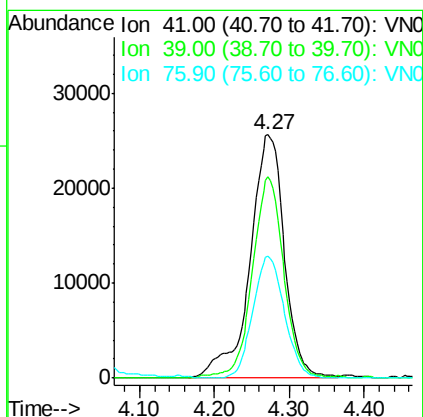
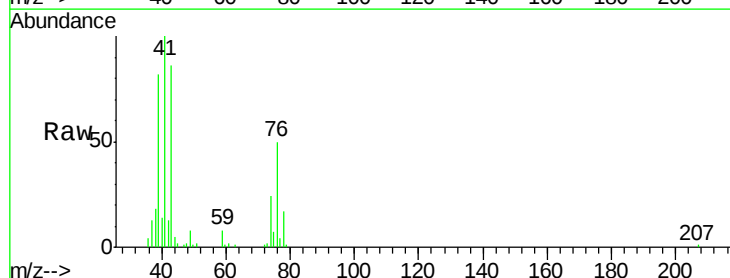
Tgt Ion: 41 Resp: 82106

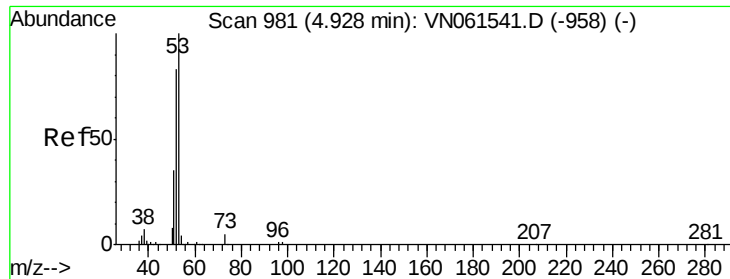
Ion Ratio Lower Upper

41 100

39 73.0 58.6 88.0

76 45.8 34.2 51.4





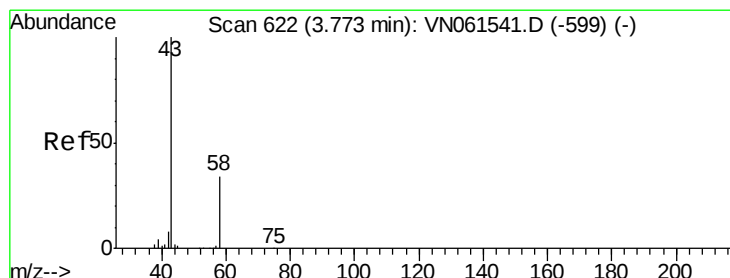
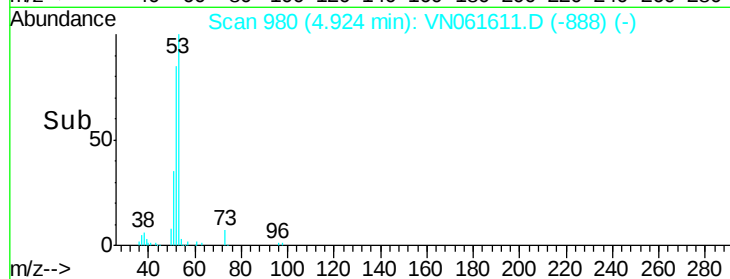
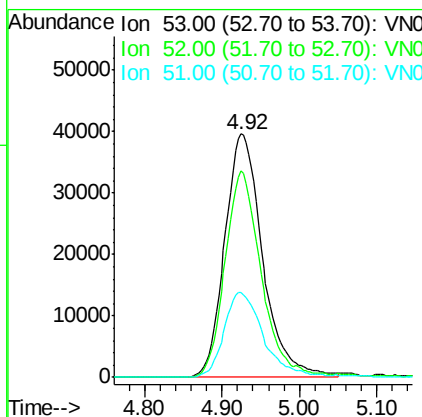
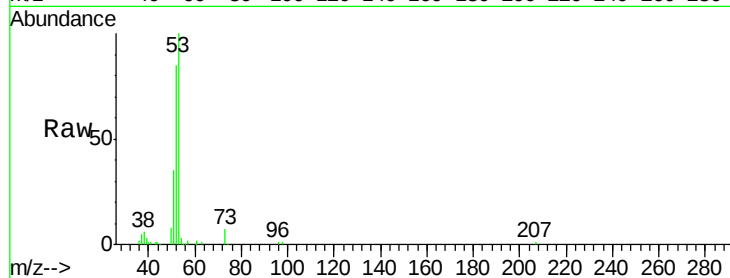
#15
 Acrylonitrile
 Concen: 88.265 ug/l
 RT: 4.92 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0602WBS01

Tot Ion:	53	Resp:	134620
Ion Ratio	Lower	Upper	
53	100		
52	80.3	65.4	98.2
51	36.2	29.0	43.6

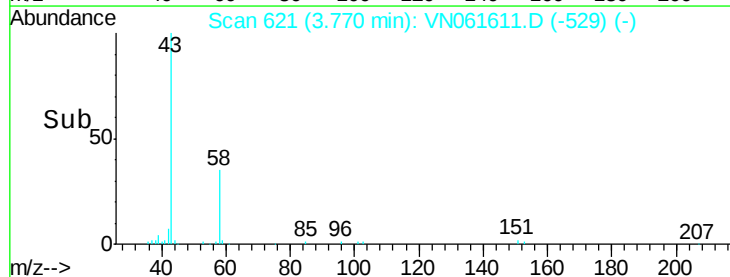
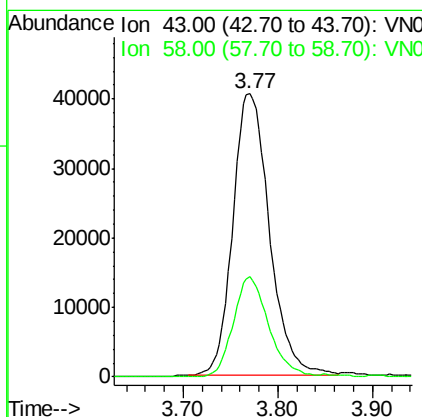
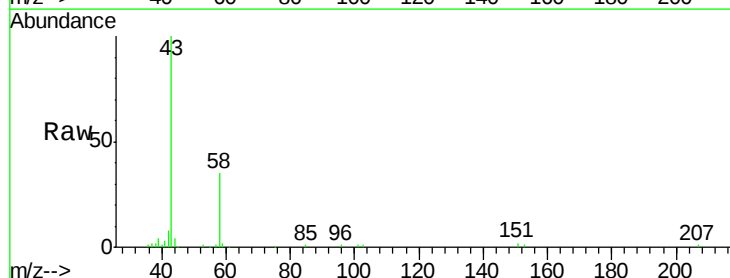
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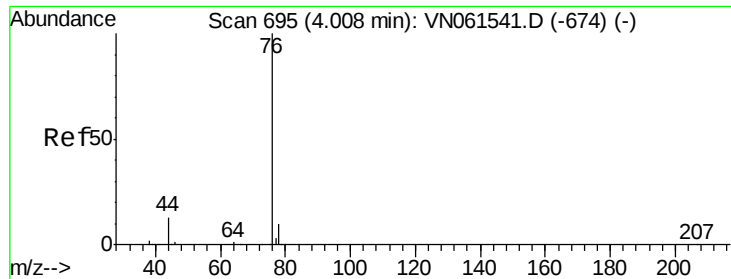
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#16
 Acetone
 Concen: 92.547 ug/l
 RT: 3.77 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion:	43	Resp:	109202
Ion Ratio	Lower	Upper	
43	100		
58	35.5	27.2	40.8





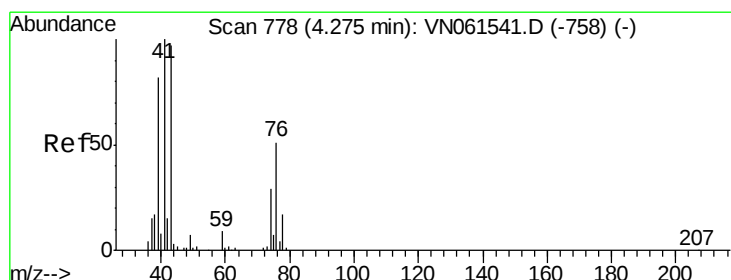
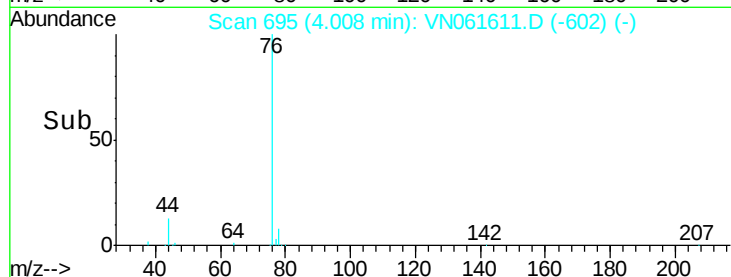
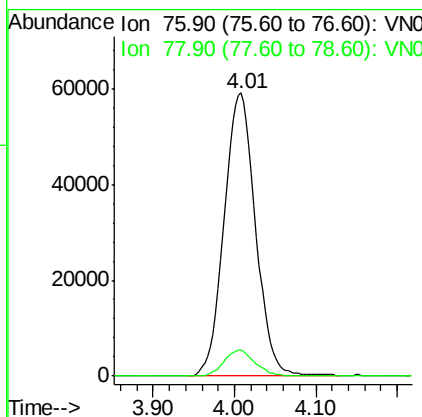
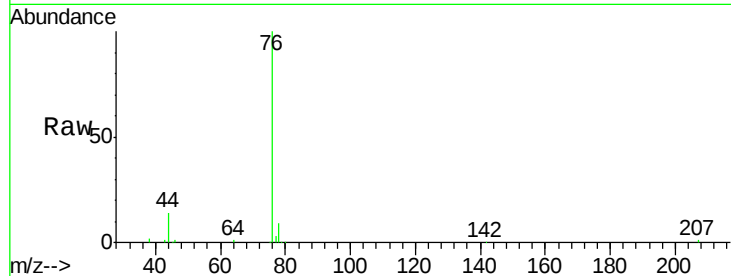
#17
Carbon Disulfide
Concen: 20.621 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0602WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.8	11.6

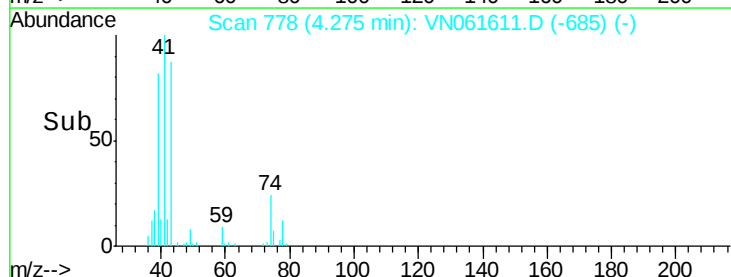
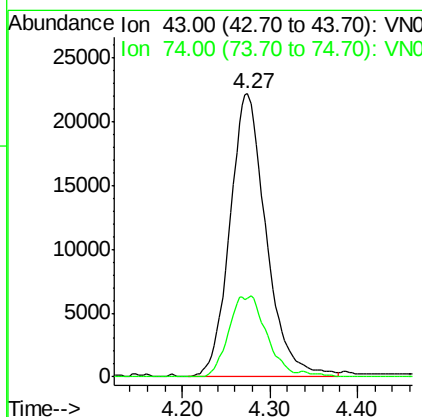
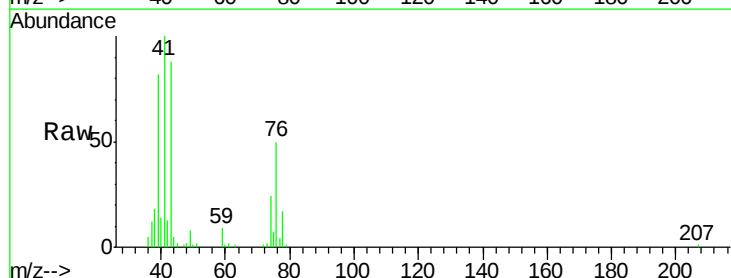
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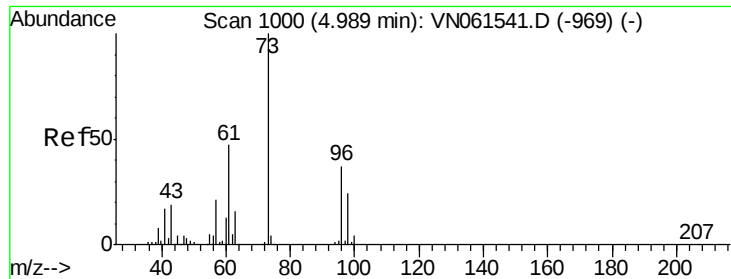
MMDadoda
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#18
Methyl Acetate
Concen: 17.226 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	13.7	23.2	34.8#





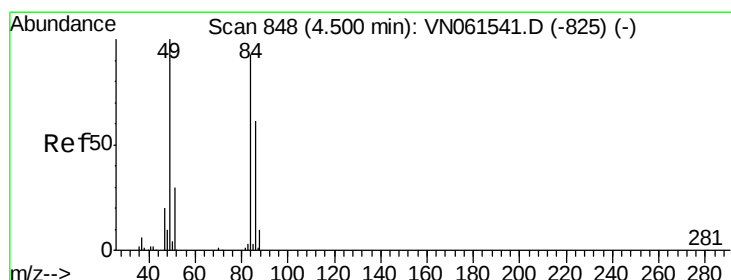
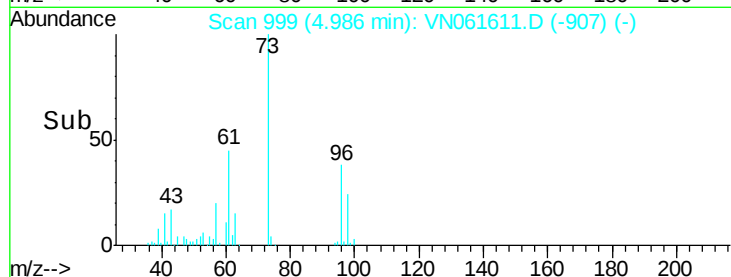
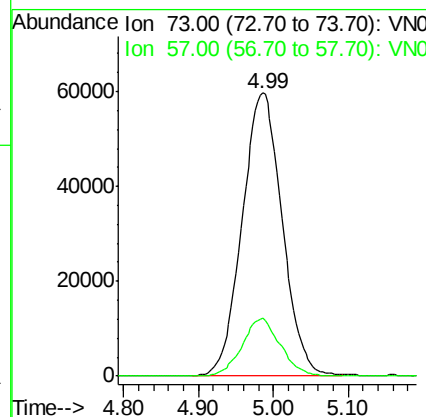
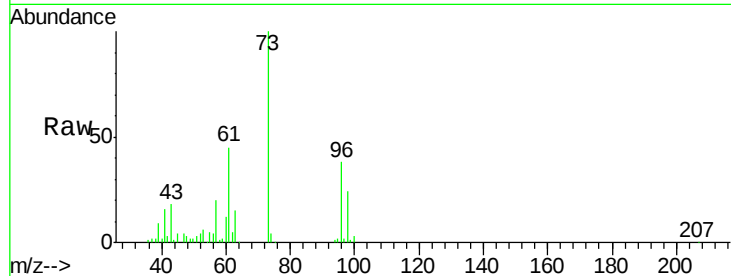
#19
Methvl tert-butvl Ether
Concen: 18.535 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0602WBS01

Tot Ion: 73 Resp: 222559
Ion Ratio Lower Upper
73 100
57 20.4 16.4 24.6

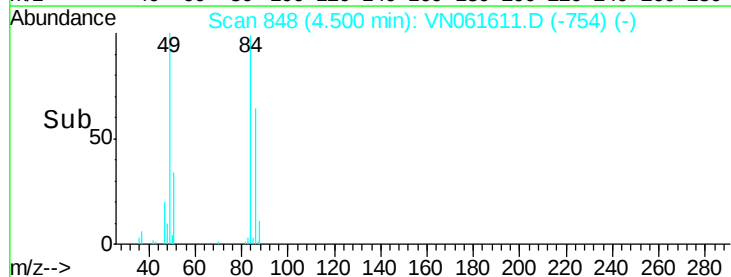
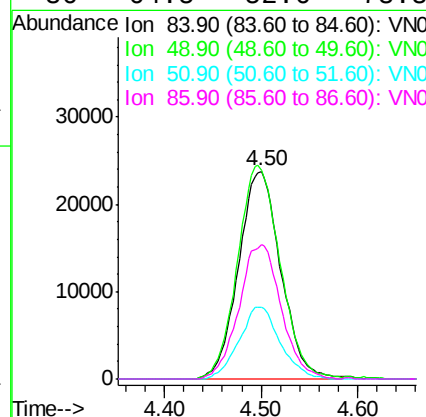
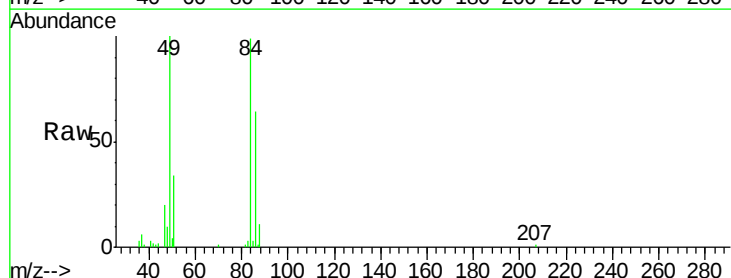
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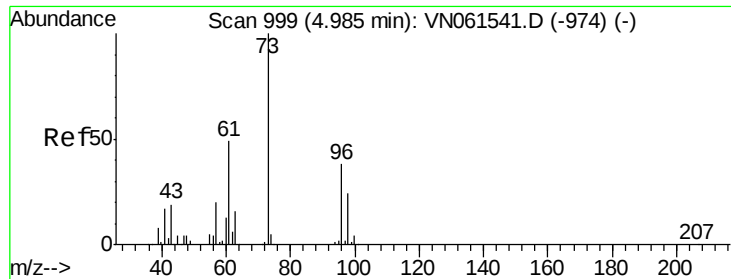
MMDadoda
6/3/2020 11:32:19 AM



#20
Methylene Chloride
Concen: 18.214 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion: 84 Resp: 72141
Ion Ratio Lower Upper
84 100
49 100.7 85.8 128.8
51 34.6 26.2 39.2
86 64.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 18.359 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

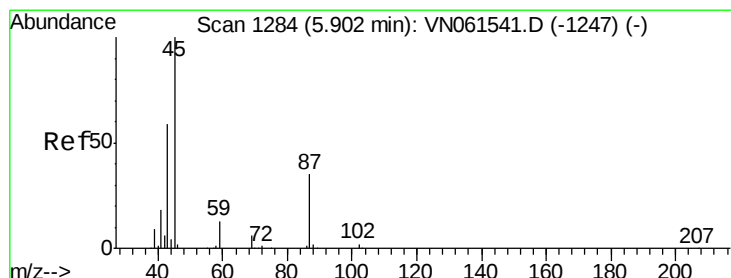
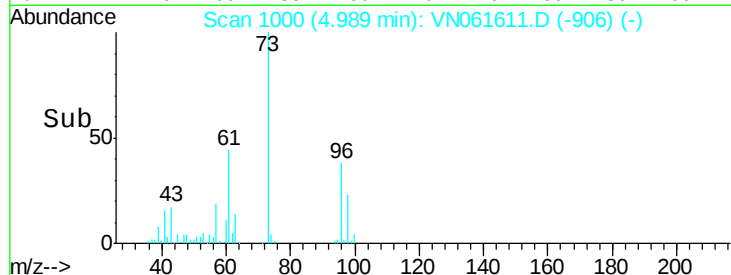
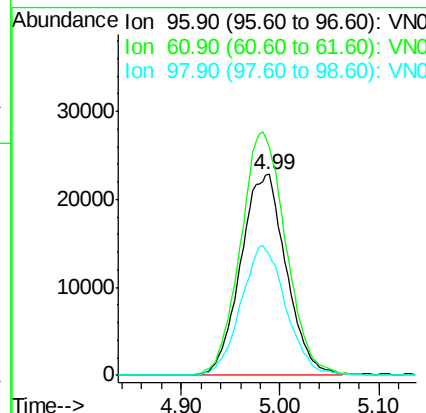
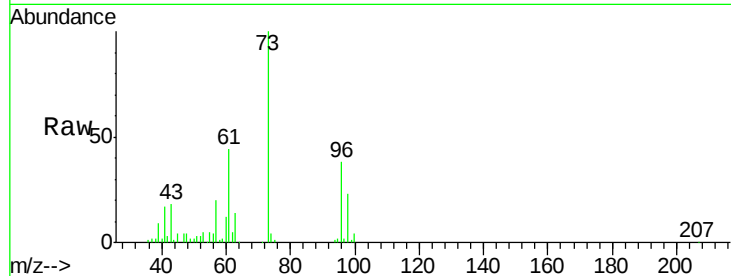
ClientSampled :

VN0602WBS01

Tot Ion:	96	Resp:	72945
Ion	Ratio	Lower	Upper
96	100		
61	113.4	101.4	152.0
98	60.2	50.6	76.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.683 ug/l

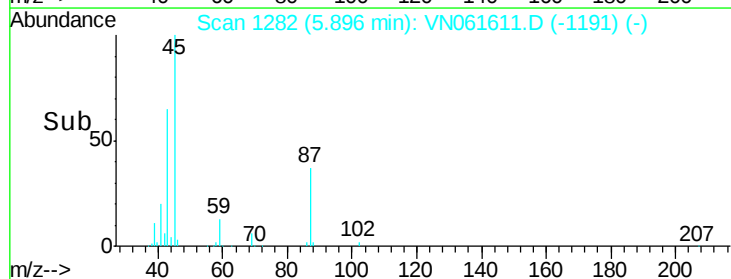
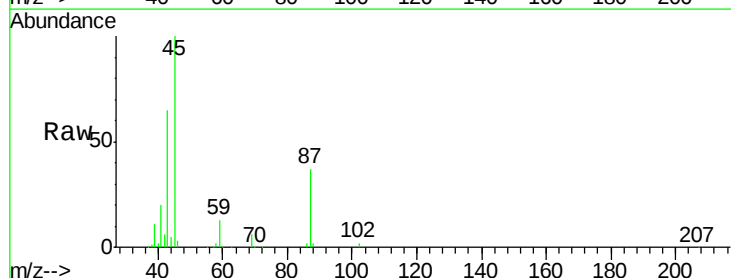
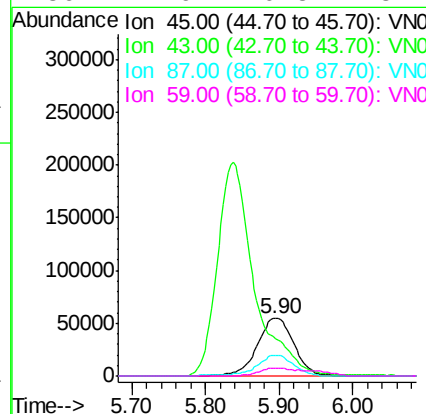
RT: 5.90 min Scan# 1282

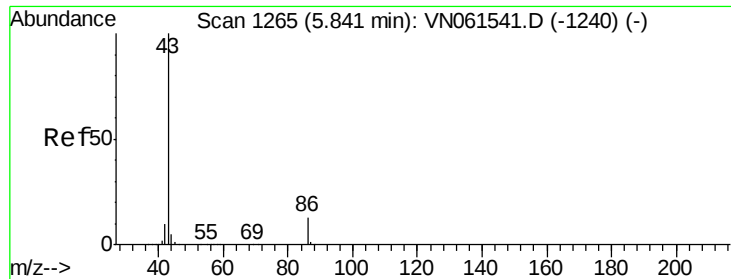
Delta R.T. -0.01 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Tgt Ion:	45	Resp:	189669
Ion	Ratio	Lower	Upper
45	100		
43	62.9	47.9	71.9
87	36.6	28.4	42.6
59	12.9	10.5	15.7





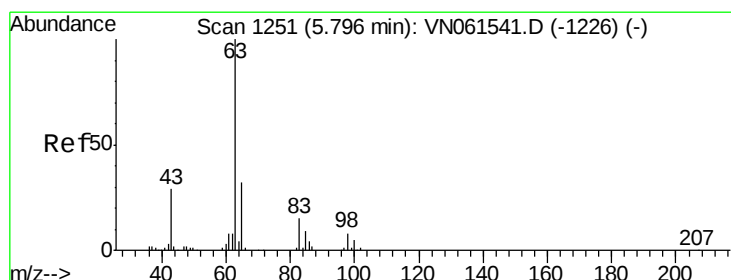
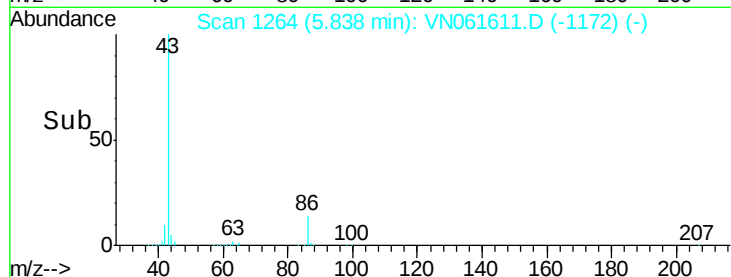
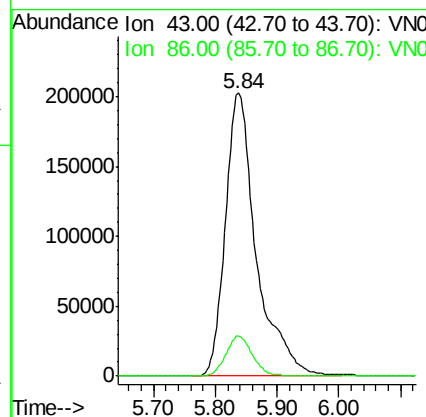
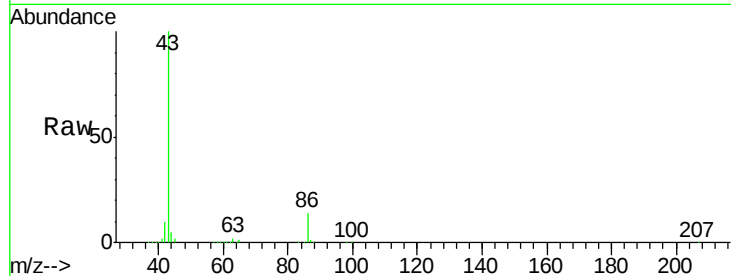
#23
 Vinyl Acetate
 Concen: 87.154 ug/l
 RT: 5.84 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0602WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	14.2	10.6	16.0

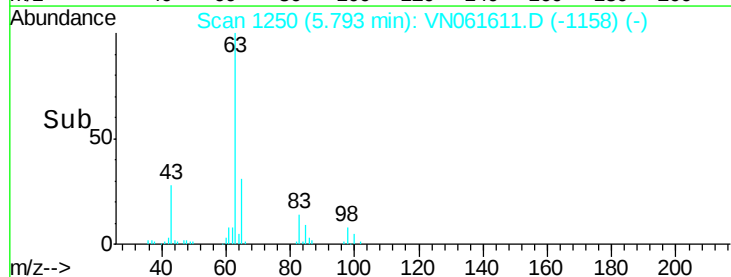
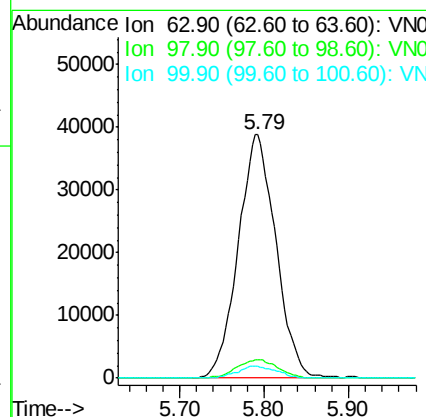
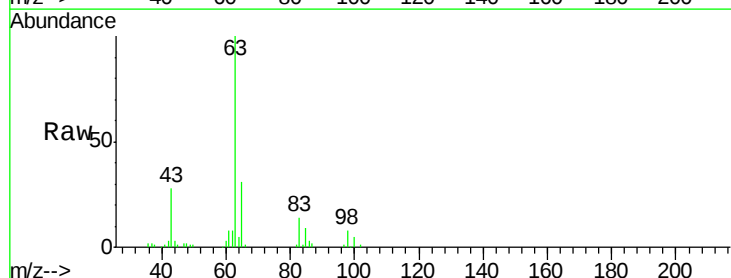
Manual Integrations
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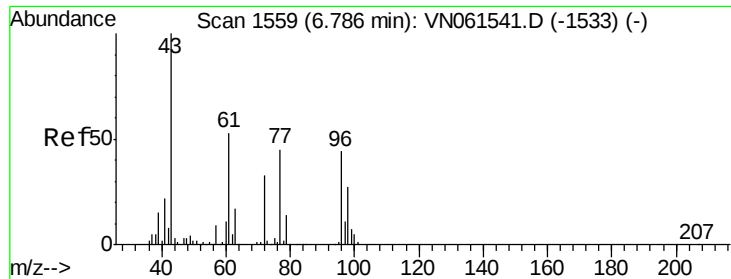
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#24
 1,1-Dichloroethane
 Concen: 18.703 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.8	11.4
100	4.8	2.5	7.6





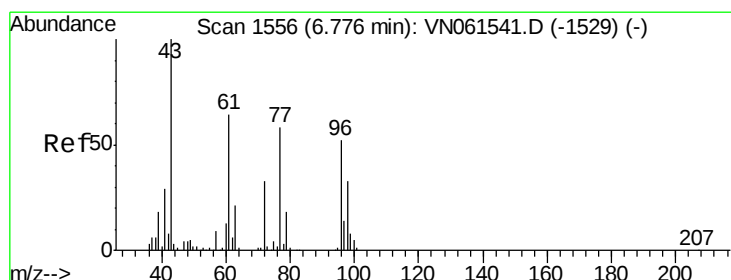
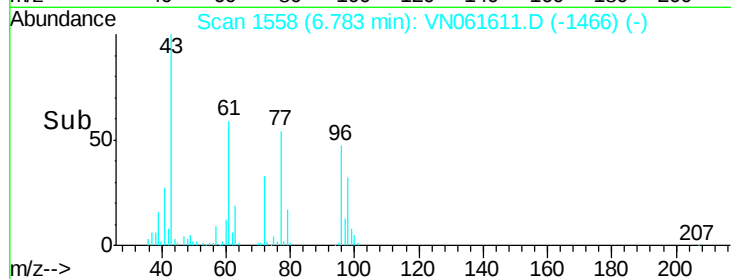
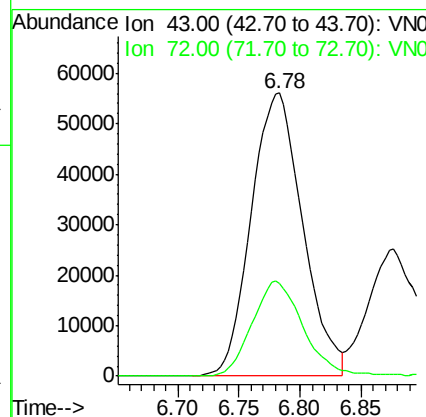
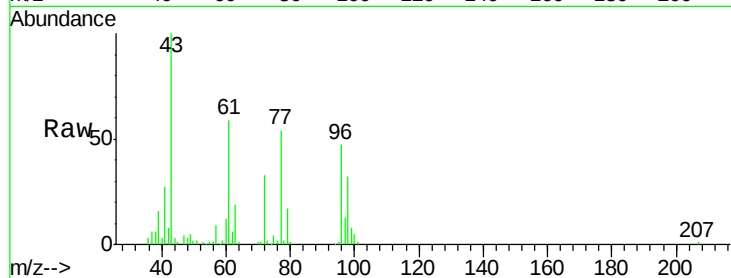
#25
2-Butanone
Concen: 84.407 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0602WBS01

Tot Ion: 43 Resp: 164336
Ion Ratio Lower Upper
43 100
72 33.0 26.0 39.0

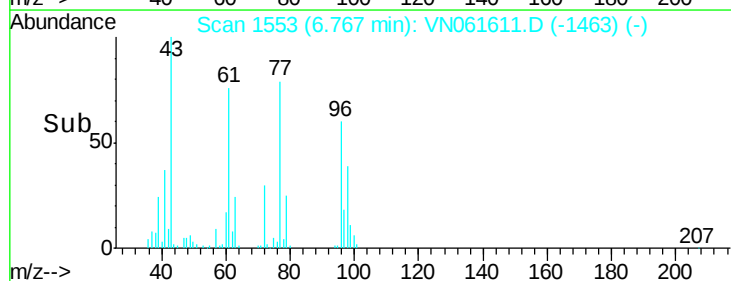
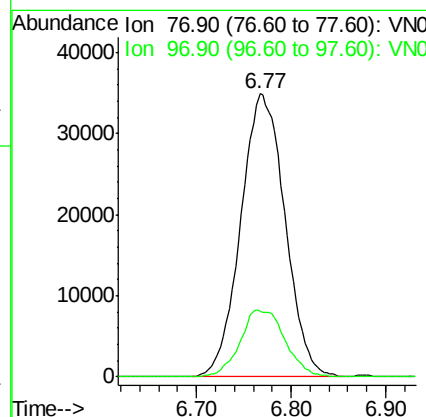
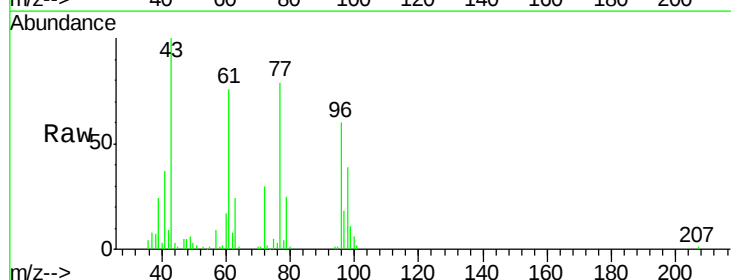
Manual Integrations
APPROVED

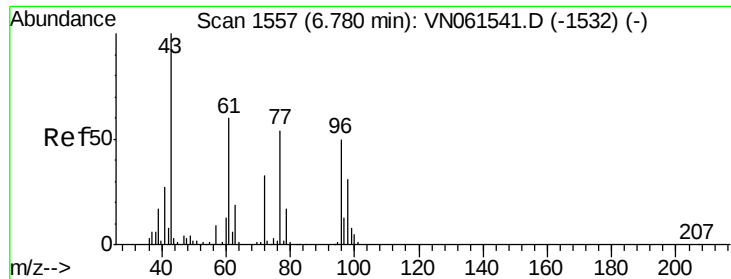
MMDadoda
6/3/2020 11:32:19 AM



#26
2,2-Dichloropropane
Concen: 19.252 ug/l
RT: 6.77 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion: 77 Resp: 113436
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0





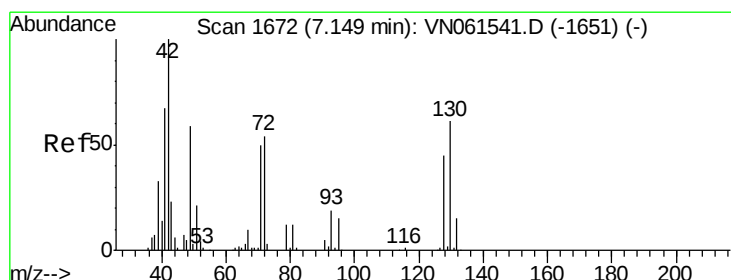
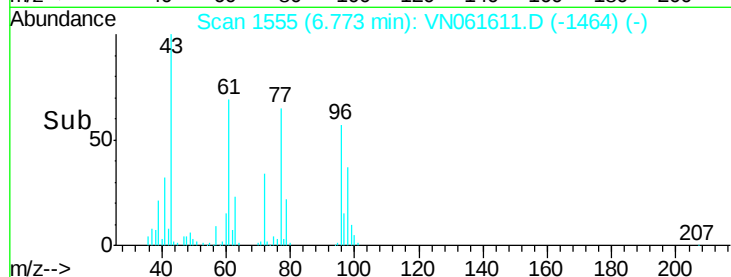
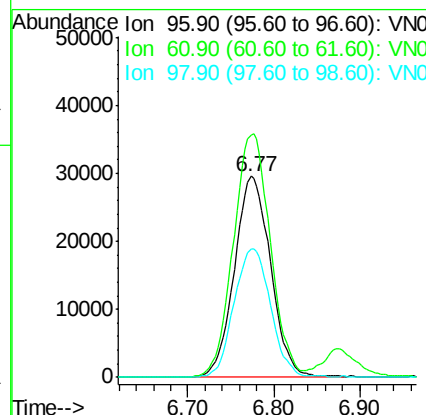
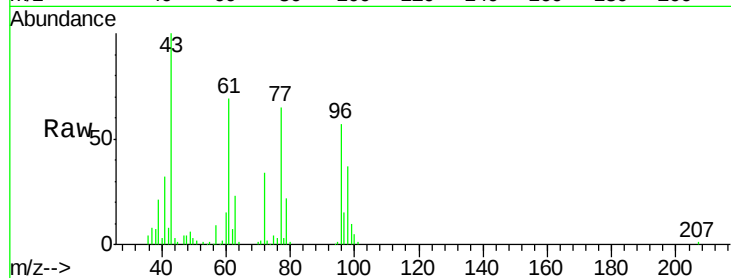
#27
 cis-1,2-Dichloroethene
 Concen: 19.261 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	123.6	0.0	252.2	
98	64.2	0.0	129.2	

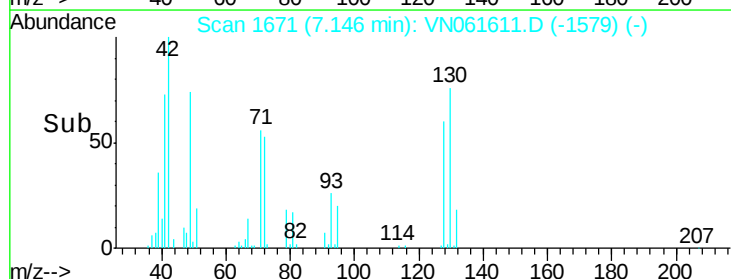
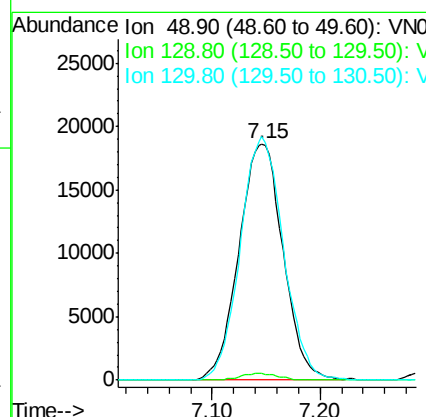
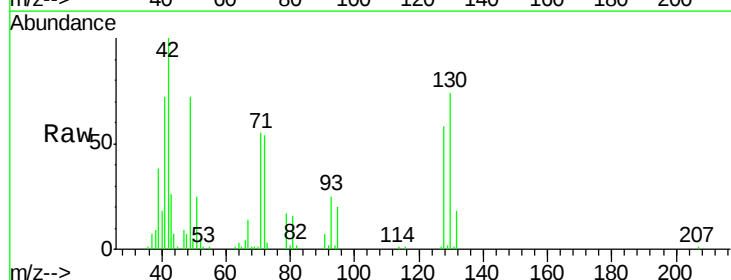
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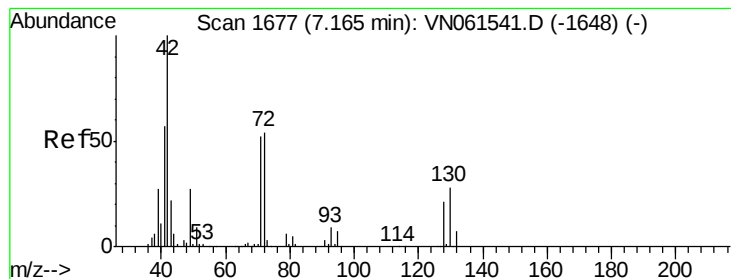
MMDadoda
 6/3/2020 11:32:19 AM



#28
 Bromochloromethane
 Concen: 21.096 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	4.8	
130	100.9	78.8	118.2	





#29

Tetrahydrofuran

Concen: 83.638 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

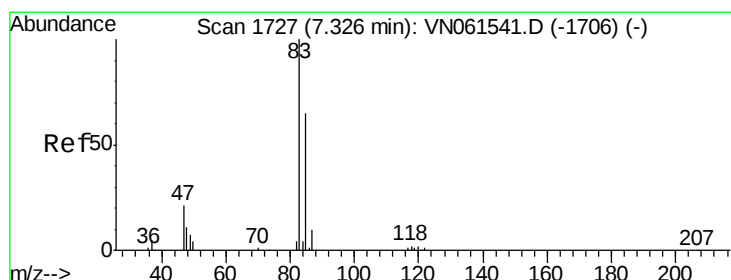
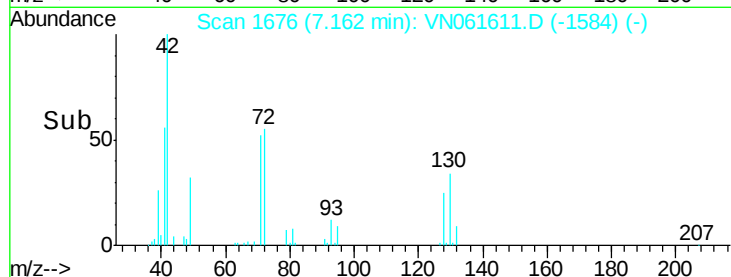
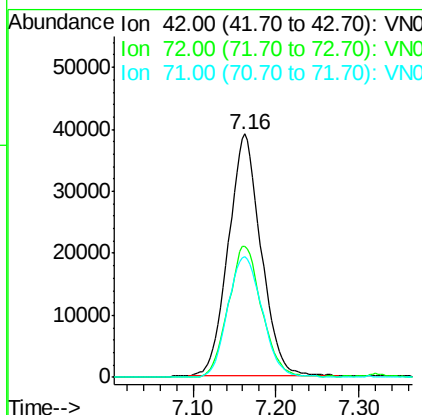
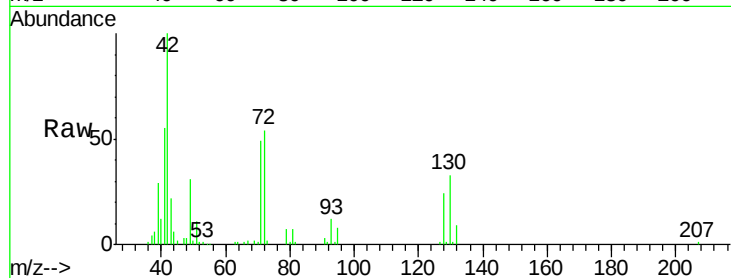
ClientSampled :

VN0602WBS01

Tot Ion:	42	Resp:	107378
Ion	Ratio	Lower	Upper
42	100		
72	55.5	43.6	65.4
71	52.3	41.2	61.8

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#30

Chloroform

Concen: 19.037 ug/l

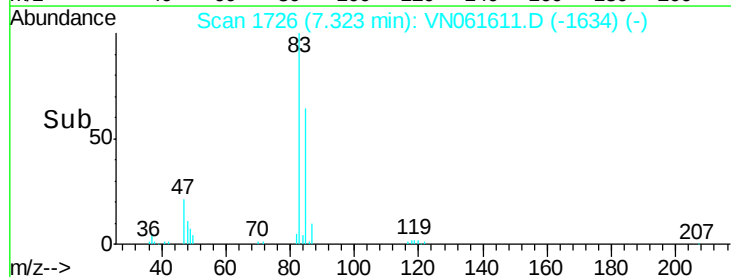
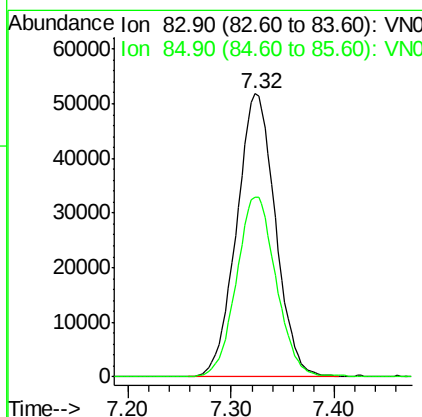
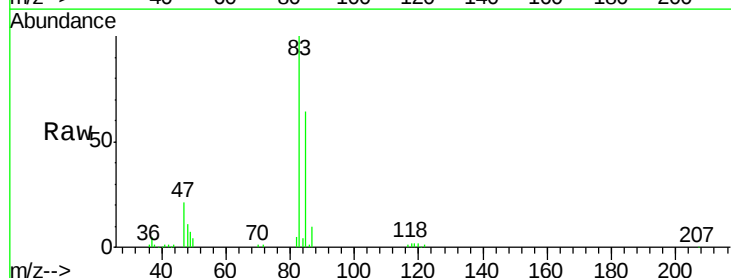
RT: 7.32 min Scan# 1726

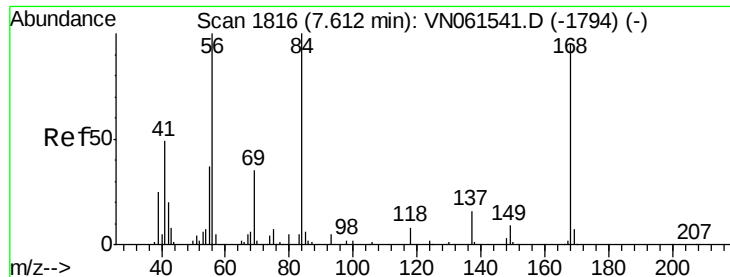
Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Tgt Ion:	83	Resp:	135584
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.7	77.5





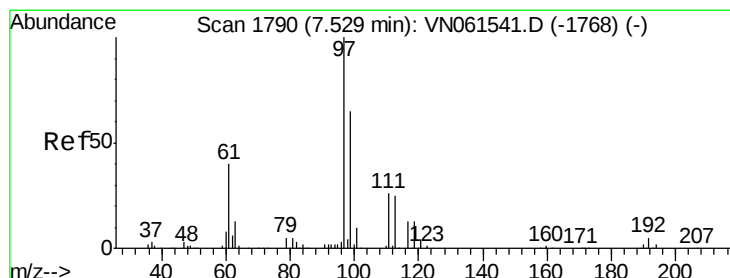
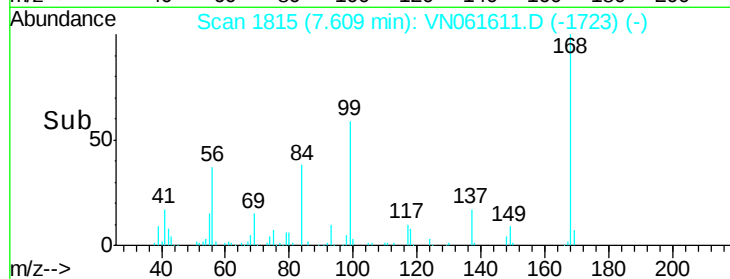
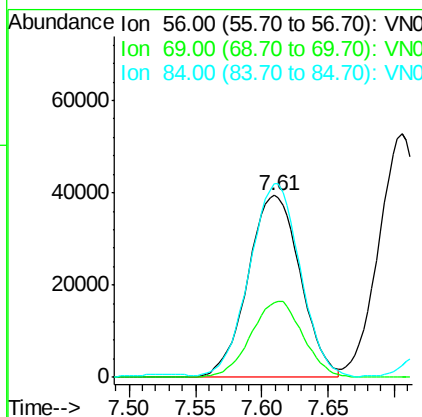
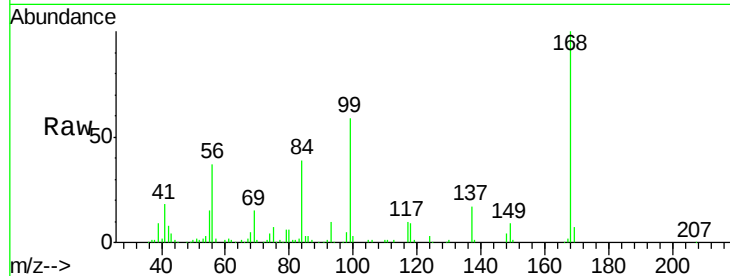
#31
Cyclohexane
Concen: 18.817 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN0602WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.1	27.8	41.8
84	105.2	79.9	119.9

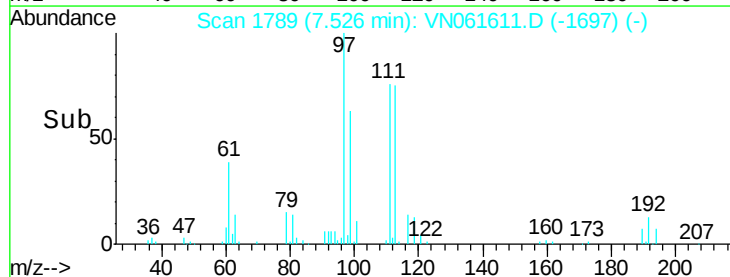
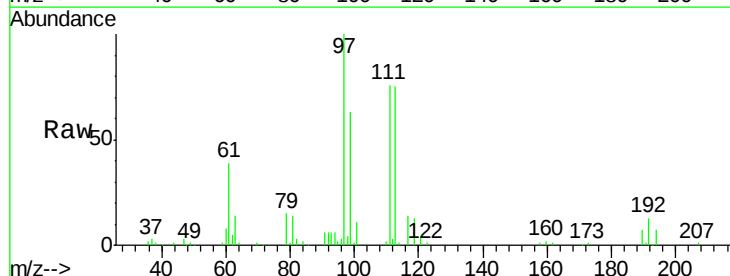
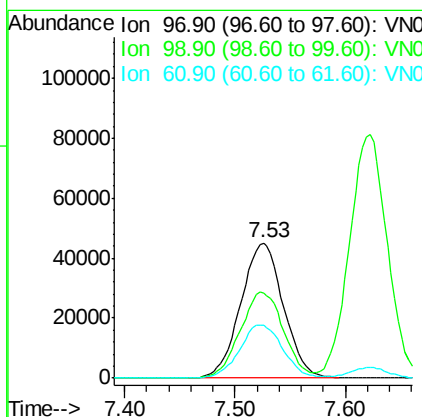
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#32
1,1,1-Trichloroethane
Concen: 18.595 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	40.2	31.4	47.0





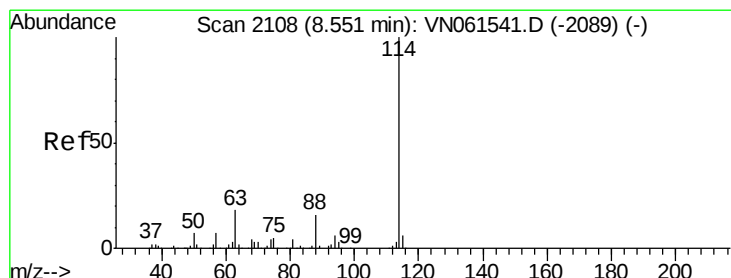
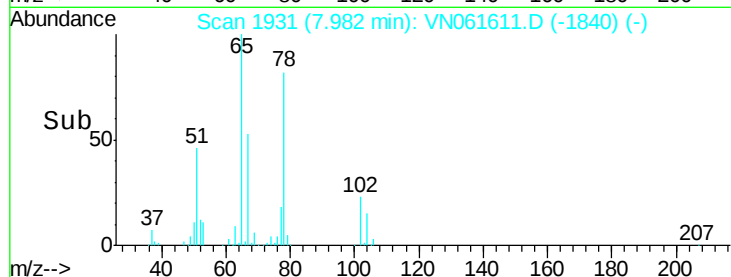
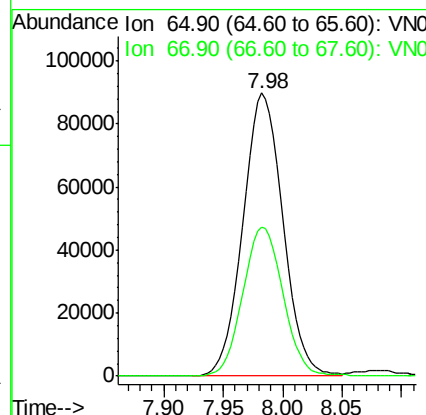
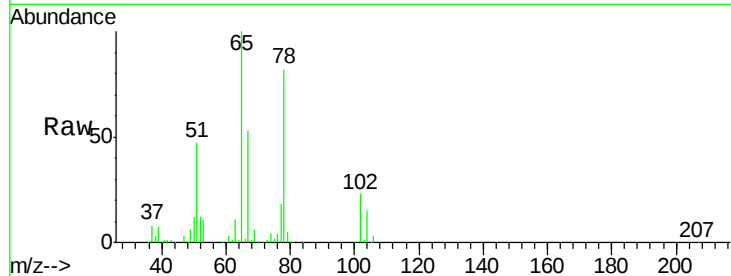
#33
 1,2-Dichloroethane-d4
 Concen: 50.930 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0602WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	209227		
67	53.2	0.0	104.8	

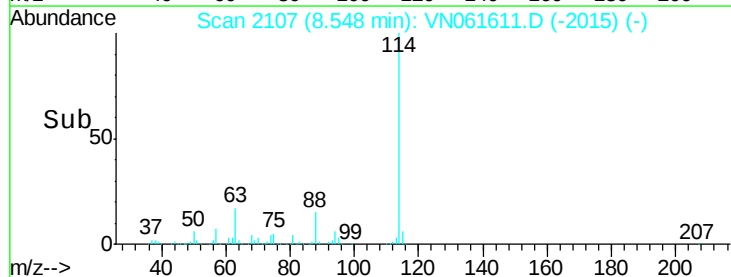
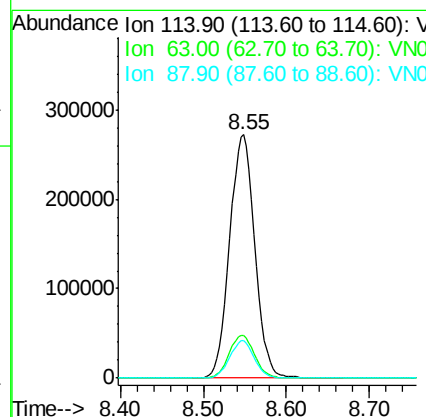
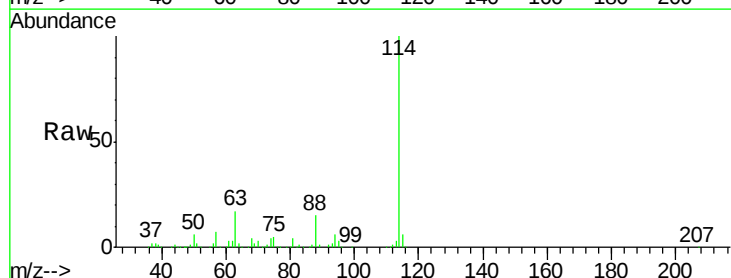
Manual Integrations
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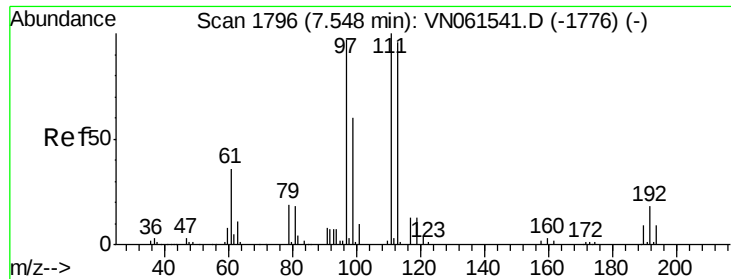
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 6/3/2020 11:32:19 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	575599		
63	17.4	0.0	35.8	
88	15.2	0.0	31.0	





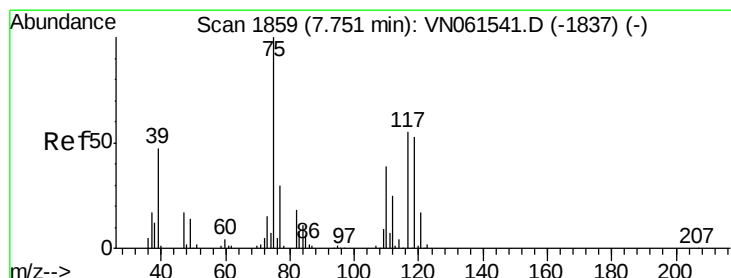
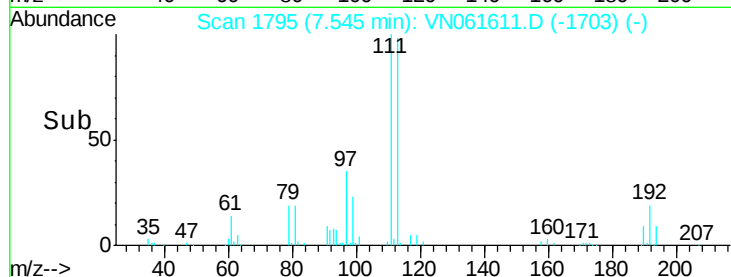
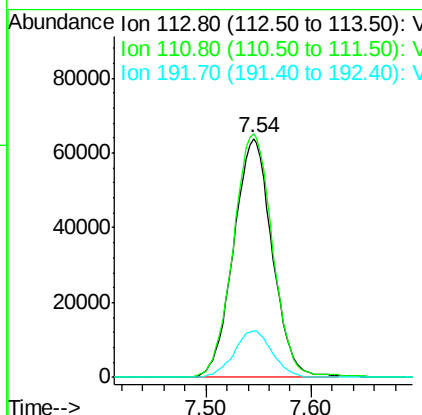
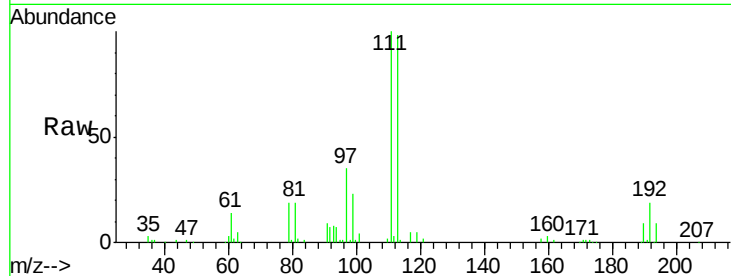
#35
 Dibromofluoromethane
 Concen: 55.406 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	161779		
111	103.6	83.4	125.0	
192	19.3	15.4	23.2	

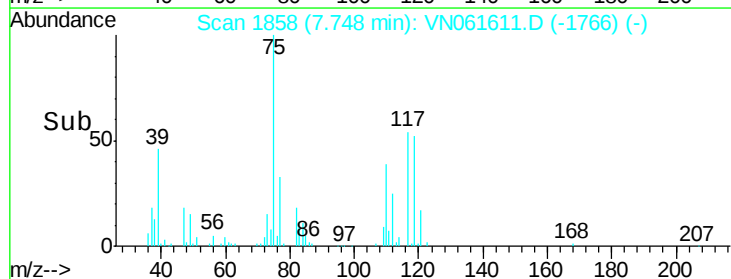
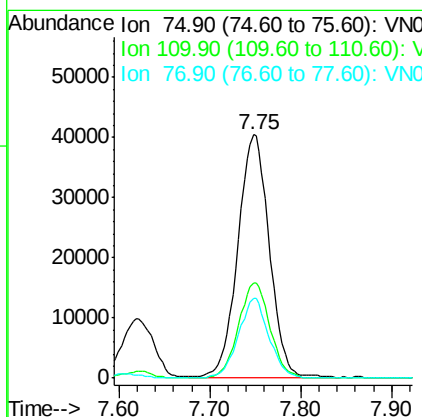
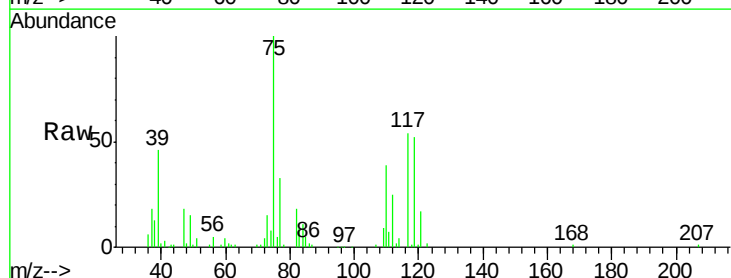
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 19.210 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	97888		
110	38.7	19.5	58.5	
77	31.5	24.7	37.1	





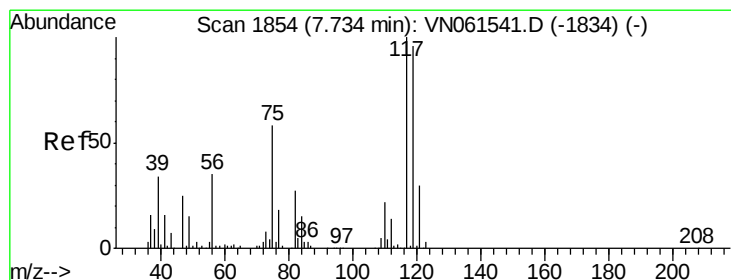
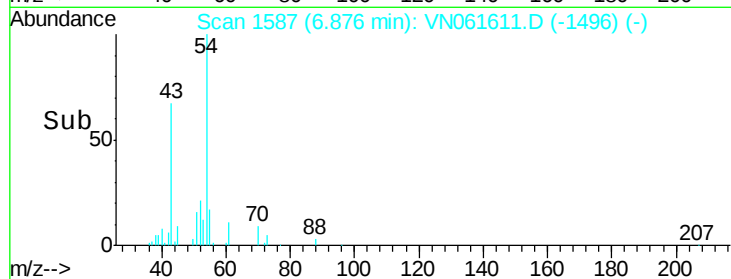
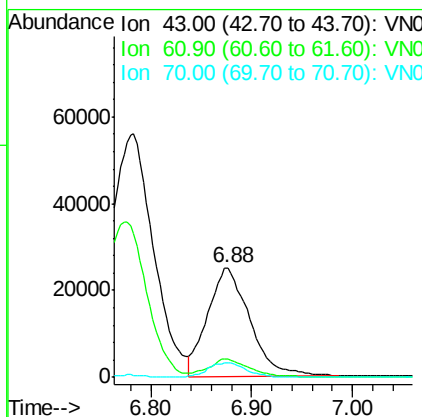
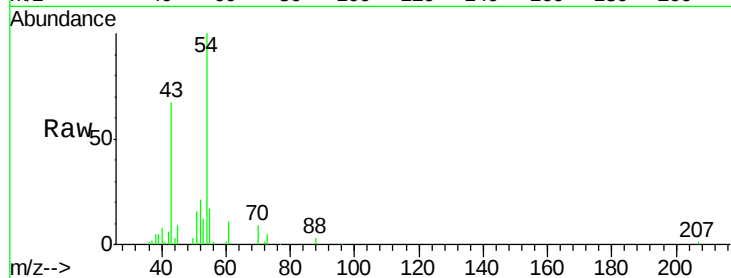
#37
Ethyl Acetate
Concen: 17.636 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0602WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.9	12.2	18.4
70	12.5	9.4	14.2

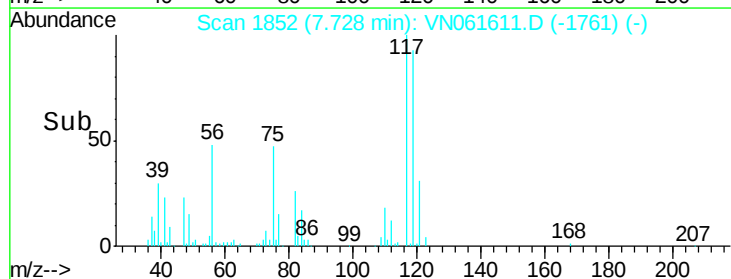
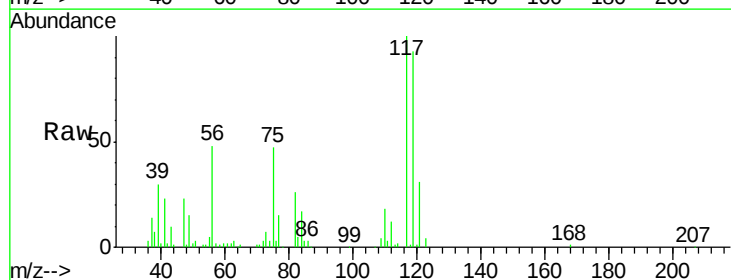
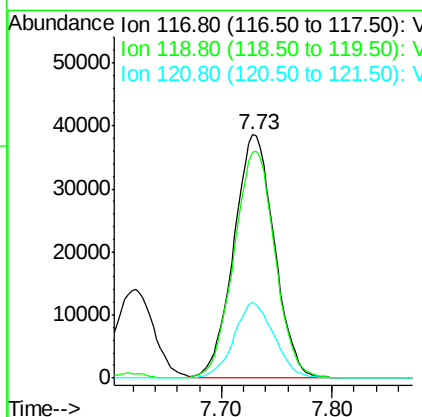
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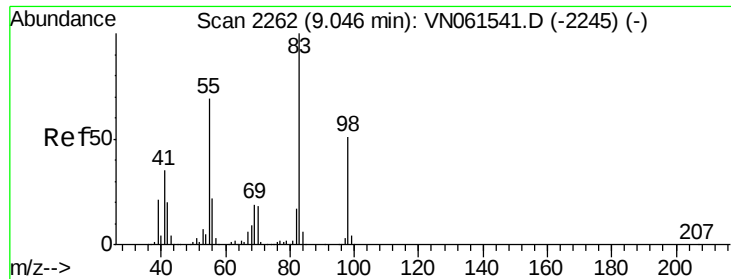
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#38
Carbon Tetrachloride
Concen: 20.043 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.5	114.7
121	31.0	24.1	36.1





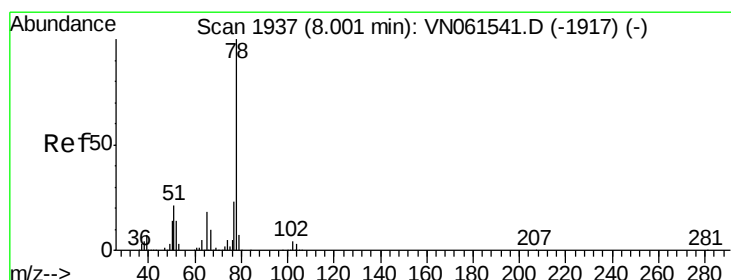
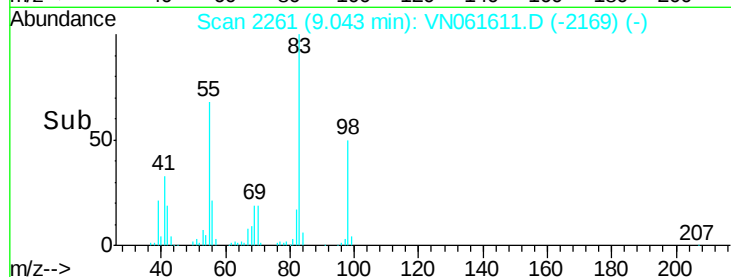
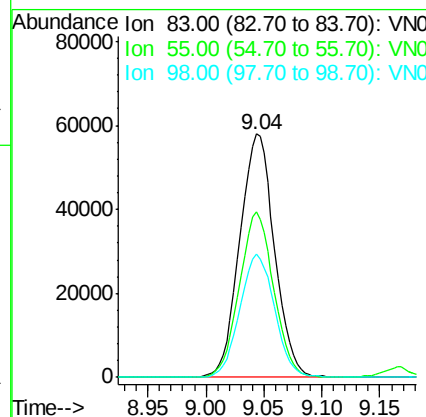
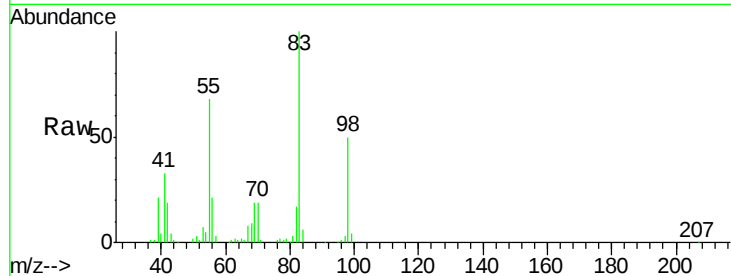
#39
Methvlcvclohexane
Concen: 19.236 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0602WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	120813		
55	67.8		54.9	82.3
98	50.4		41.0	61.4

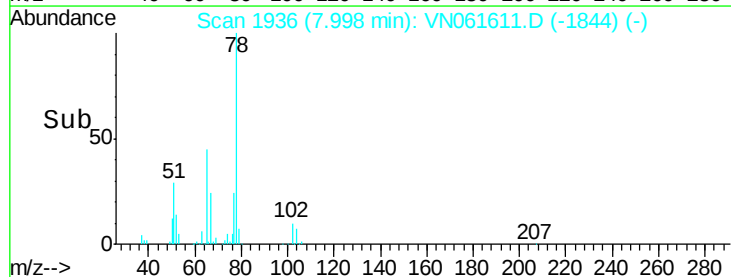
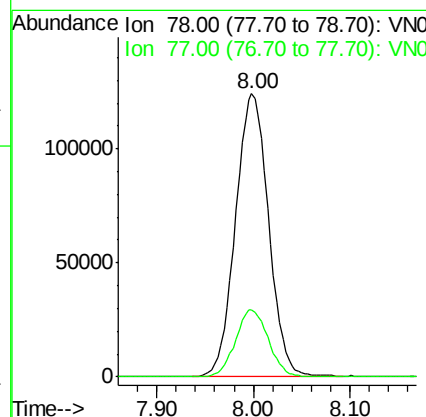
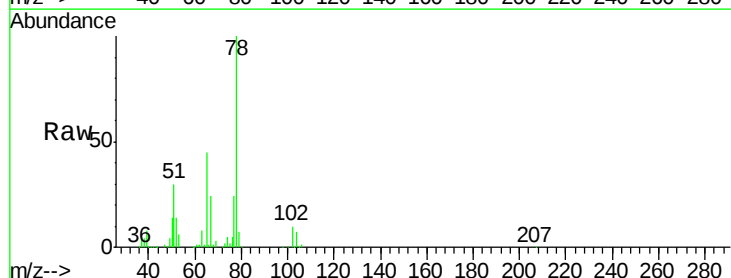
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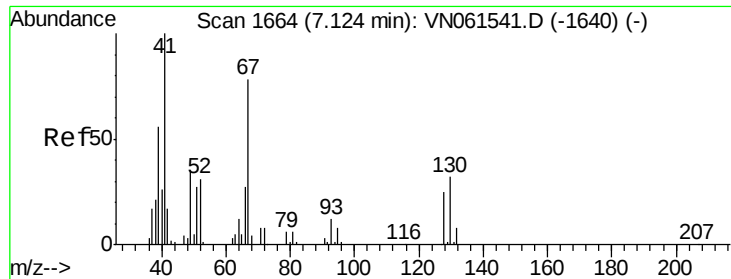
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#40
Benzene
Concen: 18.788 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	295379		
77	23.9		18.6	28.0





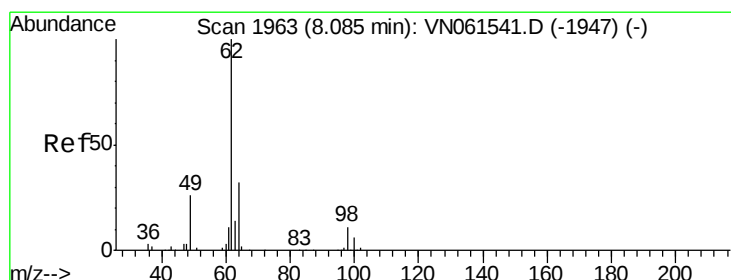
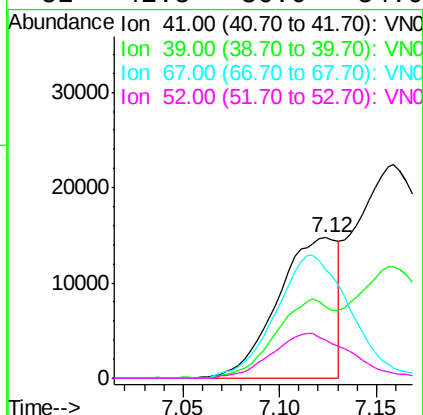
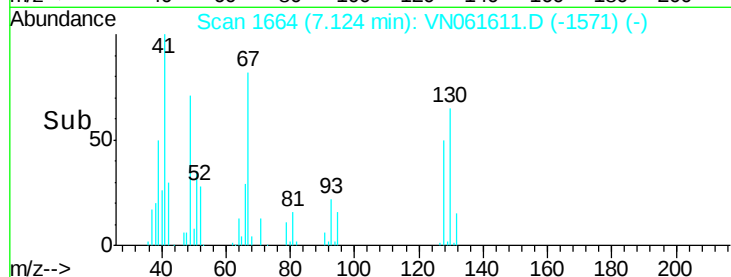
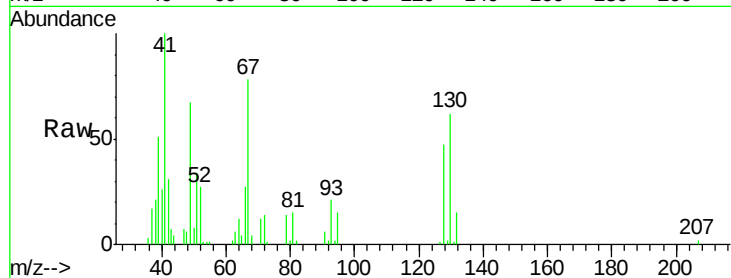
#41
Methacrylonitrile
Concen: 16.915 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN0602WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.5	53.8	80.6
67	110.3	91.1	136.7
52	42.5	36.0	54.0

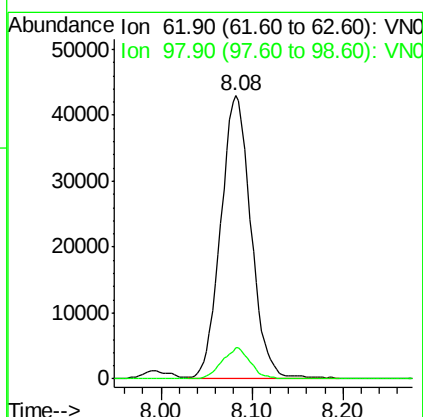
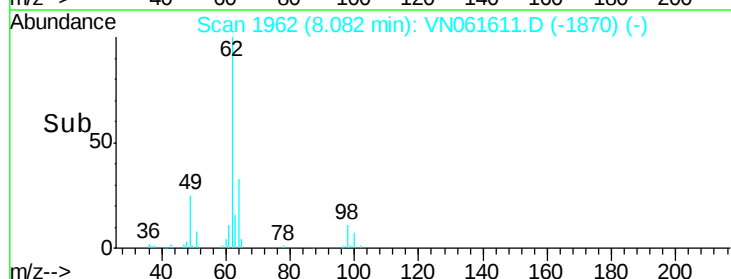
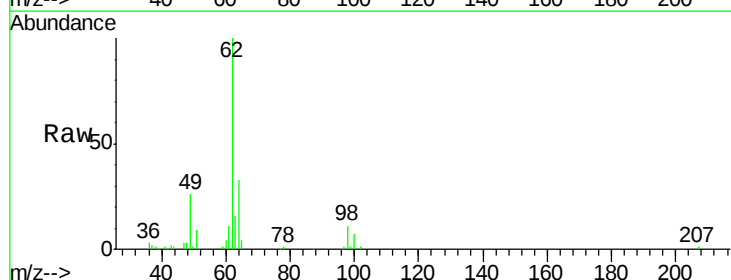
Manual Integrations
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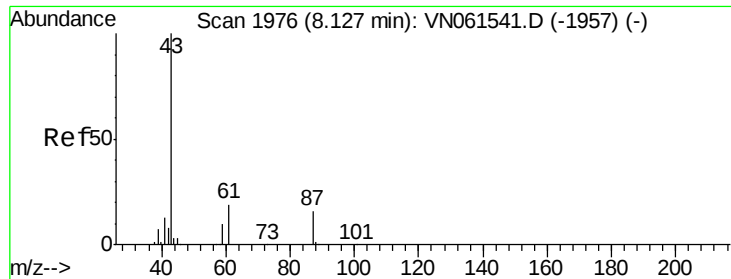
MMDadoda
6/3/2020 11:32:19 AM



#42
1,2-Dichloroethane
Concen: 18.927 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	21.4





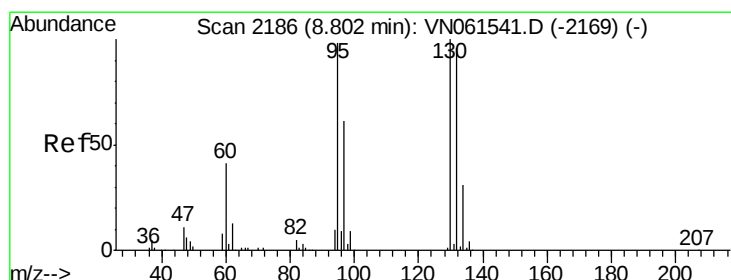
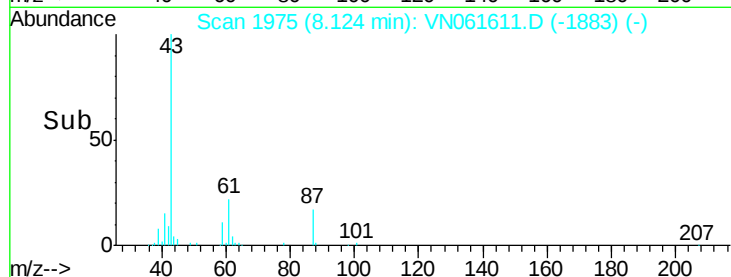
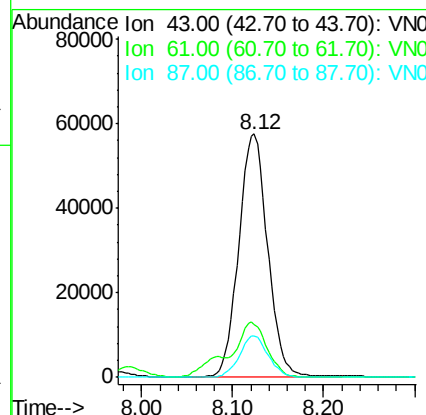
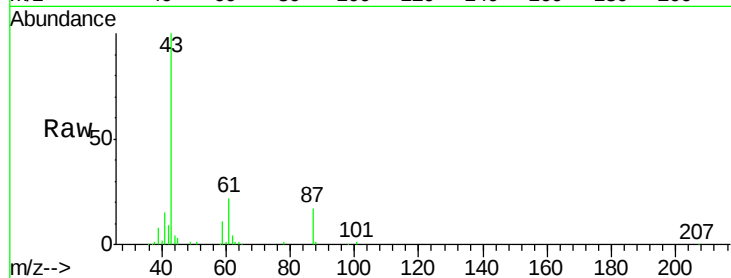
#43
Isopropyl Acetate
Concen: 17.308 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0602WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	23.6	35.4#
87	16.7	13.0	19.6

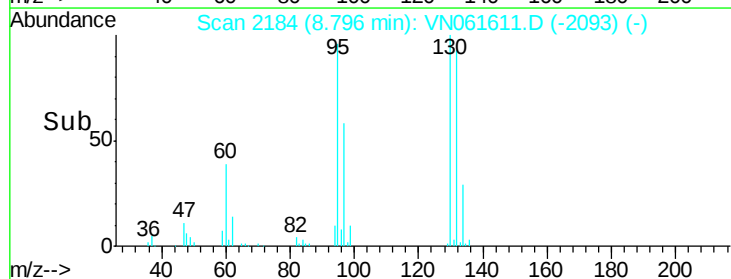
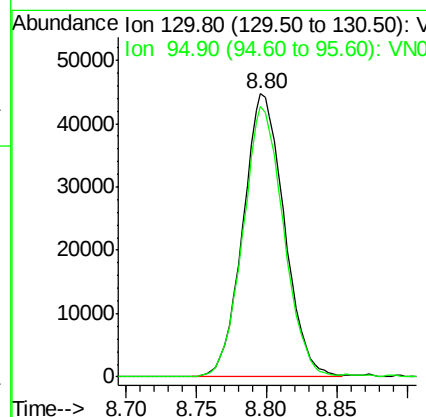
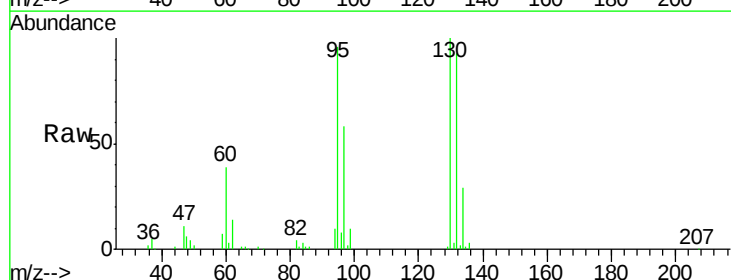
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#44
Trichloroethene
Concen: 18.980 ug/l
RT: 8.80 min Scan# 2184
Delta R.T. -0.01 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.6	0.0	196.6





#45

1,2-Dichloropropane

Concen: 19.096 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampleId :

VN0602WBS01

Tot Ion: 63 Resp: 71290

Ion Ratio Lower Upper

63 100

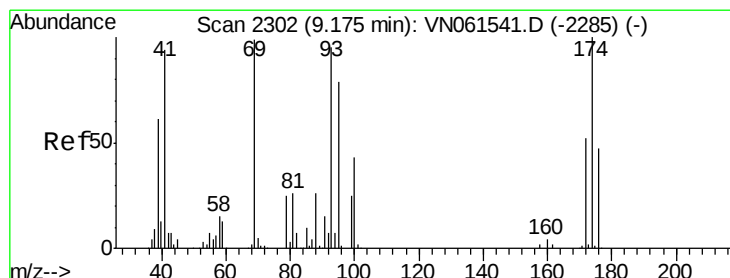
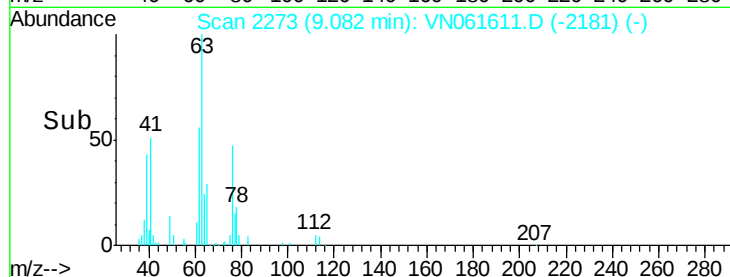
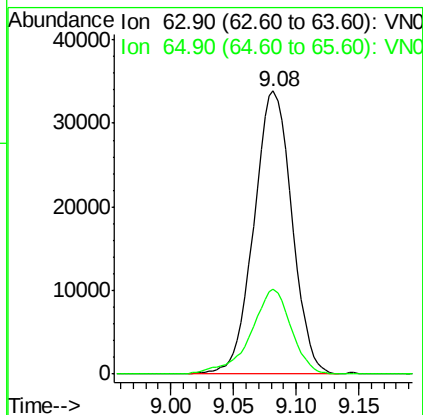
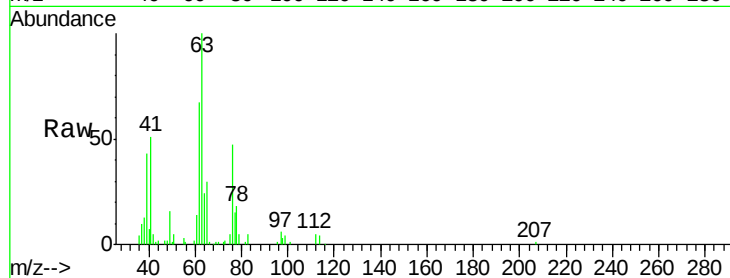
65 30.2 24.7 37.1

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#46

Dibromomethane

Concen: 18.571 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

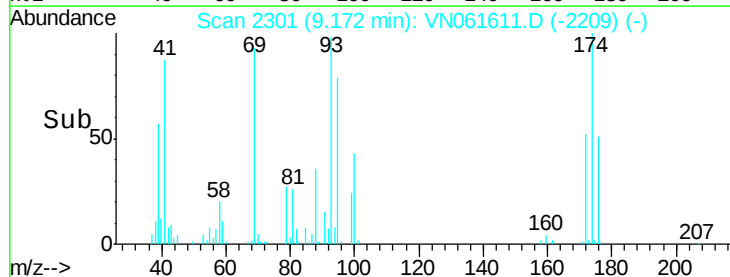
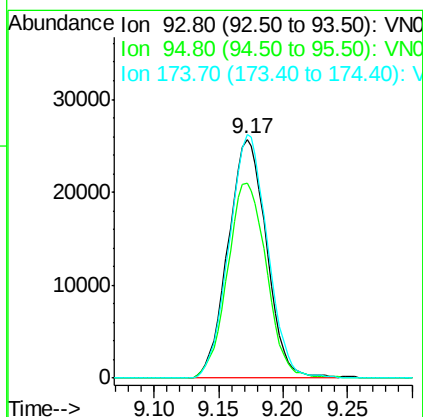
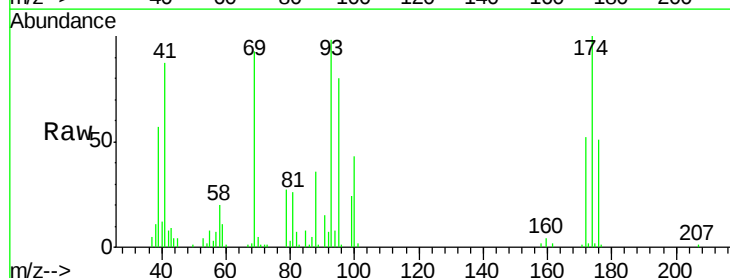
Tgt Ion: 93 Resp: 53172

Ion Ratio Lower Upper

93 100

95 82.5 66.0 99.0

174 102.0 82.5 123.7





#47

Bromodichloromethane

Concen: 18.971 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

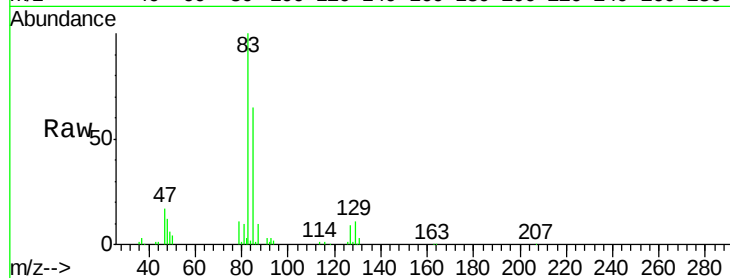
ClientSampleId :

VN0602WBS01

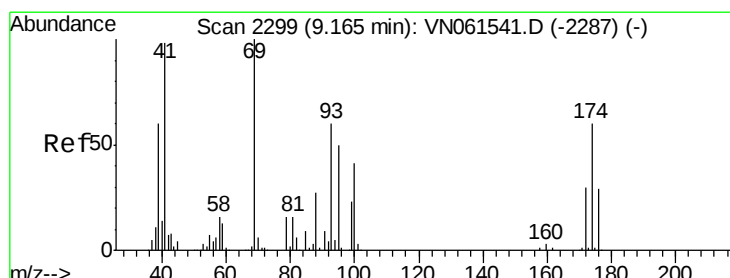
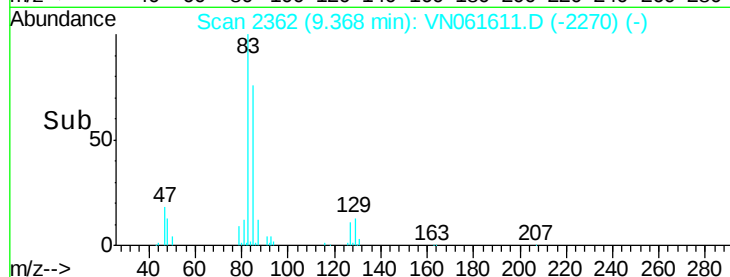
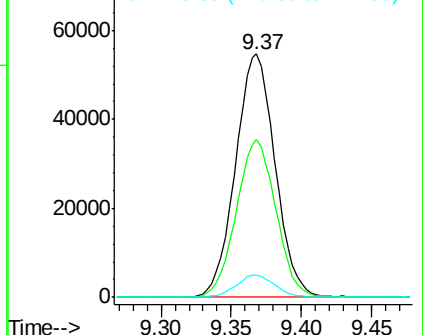
Tot Ion:	83	Resp:	107619
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.1	76.7
127	9.4	7.2	10.8

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Abundance Ion 82.90 (82.60 to 83.60): VN061611.D (-2270) (-)



#48

Methyl methacrylate

Concen: 16.053 ug/l

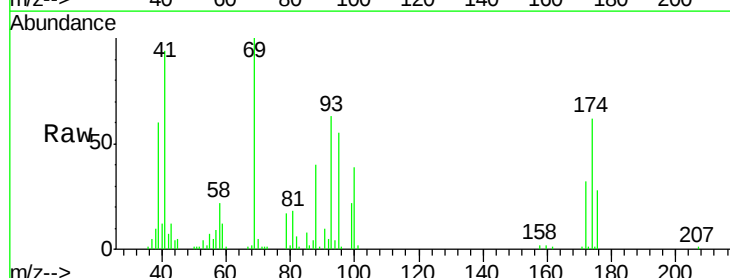
RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

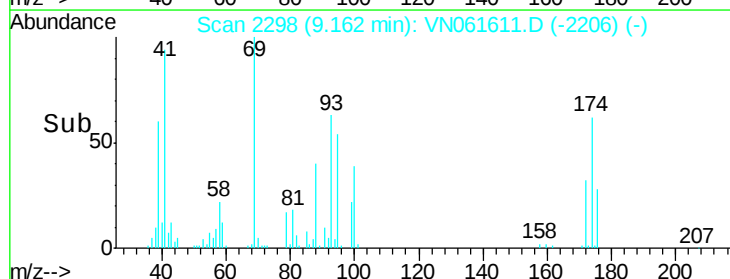
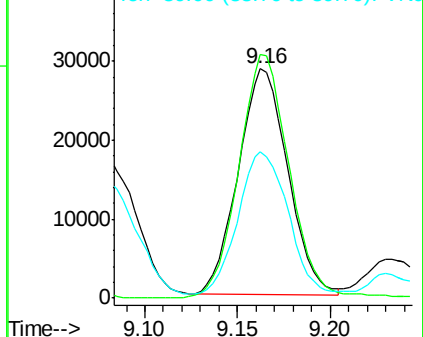
Lab File: VN061611.D

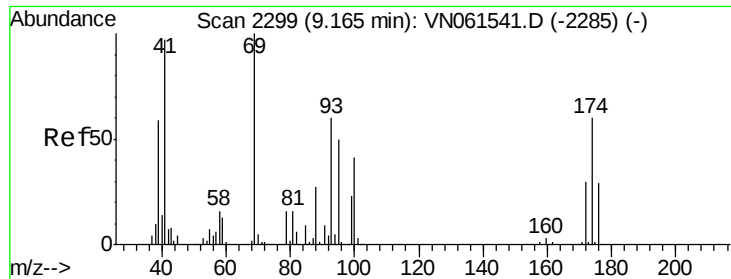
Acq: 2 Jun 2020 11:21

Tgt Ion:	41	Resp:	53330
Ion Ratio	Lower	Upper	
41	100		
69	109.4	83.9	125.9
39	66.4	52.1	78.1



Abundance Ion 41.00 (40.70 to 41.70): VN061611.D (-2206) (-)





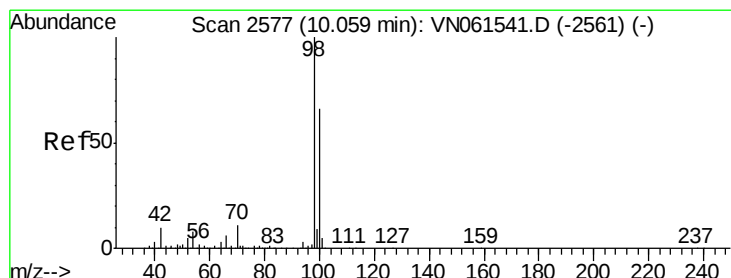
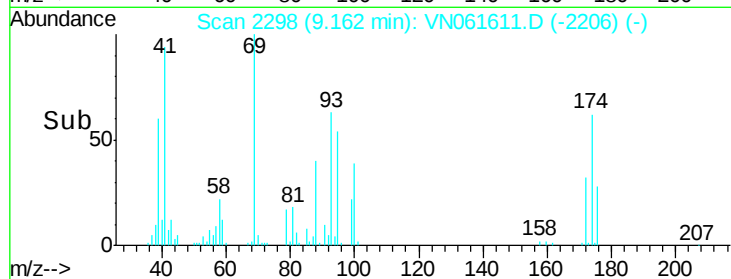
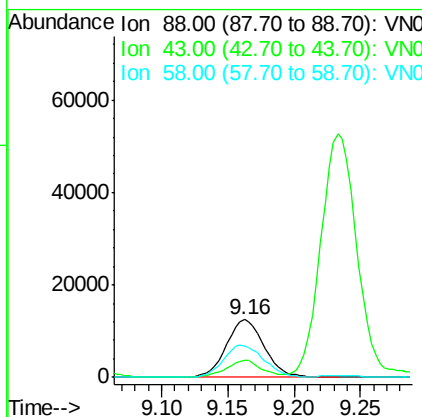
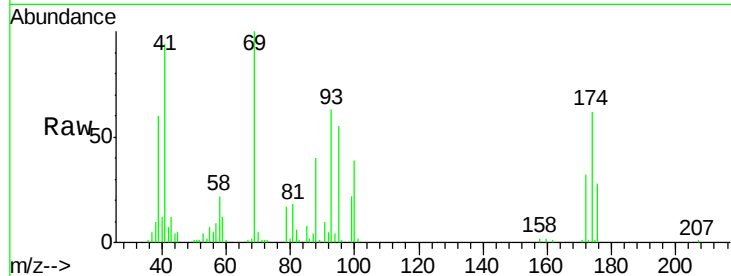
#49
 1,4-Dioxane
 Concen: 484.099 ug/l
 RT: 9.16 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0602WBS01

Tot Ion	88	Resp	24914
Ion	Ratio	Lower	Upper
88	100		
43	27.7	23.1	34.7
58	59.0	48.3	72.5

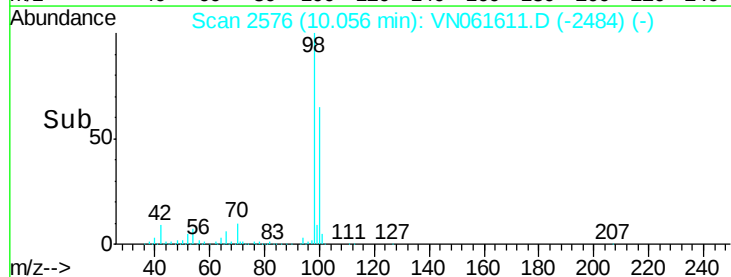
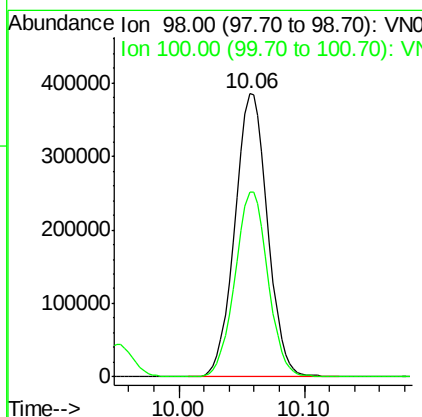
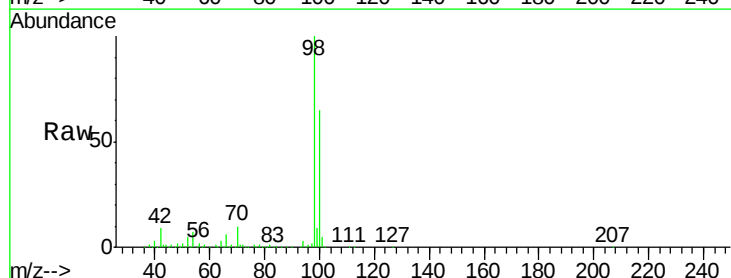
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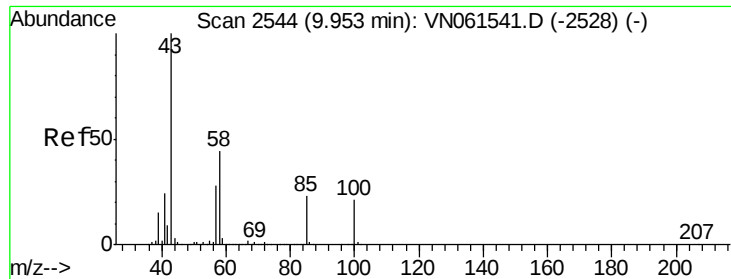
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#50
 Toluene-d8
 Concen: 51.587 ug/l
 RT: 10.06 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion	98	Resp	698029
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 85.451 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampled :

VN0602WBS01

Tot Ion: 43 Resp: 355558

Ion Ratio Lower Upper

43 100

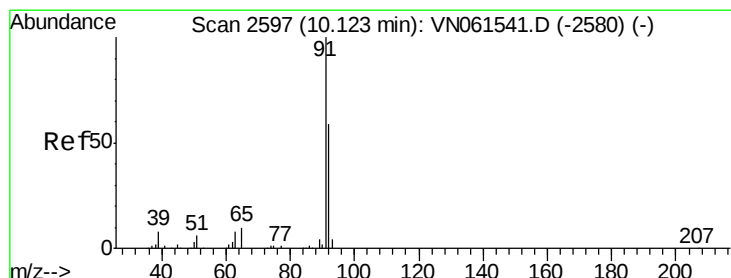
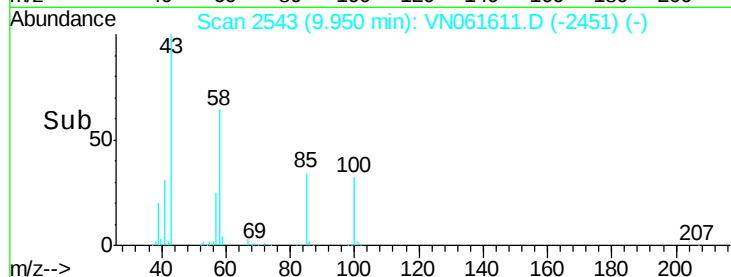
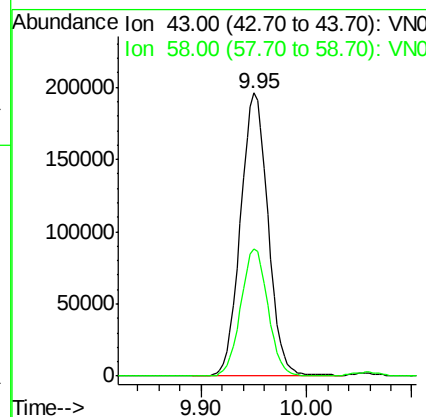
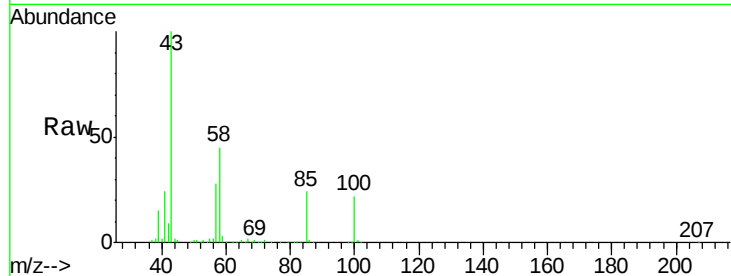
58 44.4 35.0 52.6

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#52

Toluene

Concen: 19.590 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061611.D

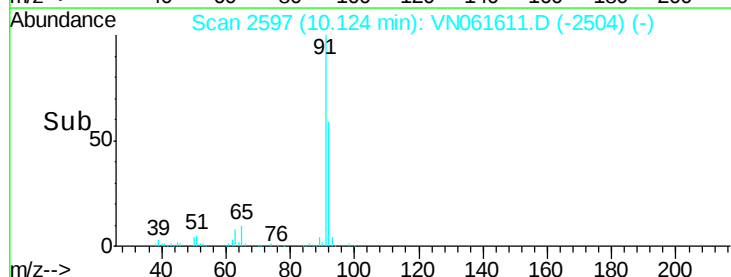
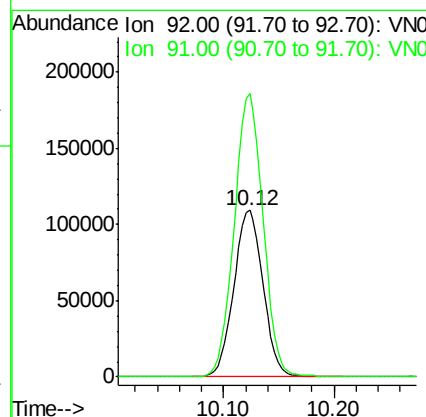
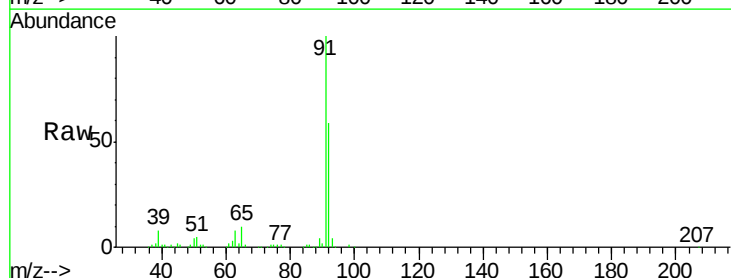
Acq: 2 Jun 2020 11:21

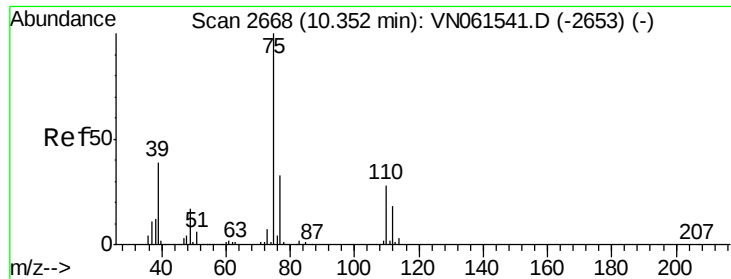
Tgt Ion: 92 Resp: 201026

Ion Ratio Lower Upper

92 100

91 167.7 136.4 204.6





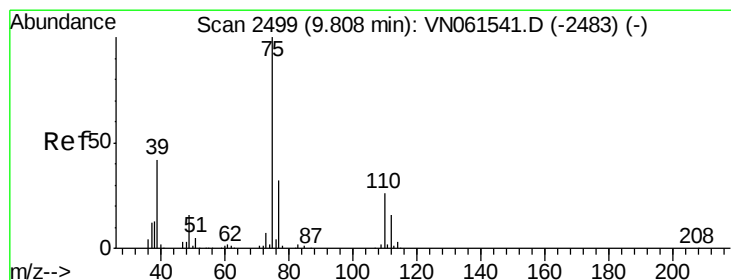
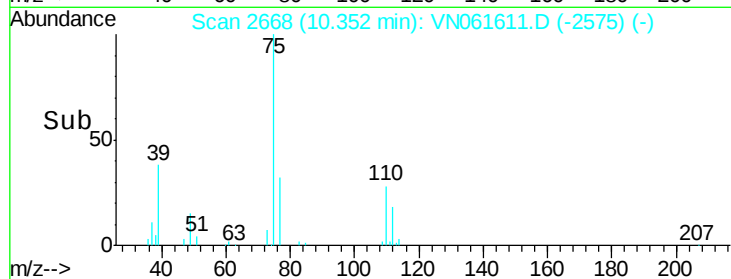
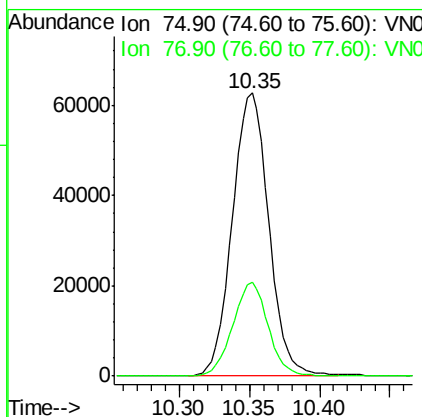
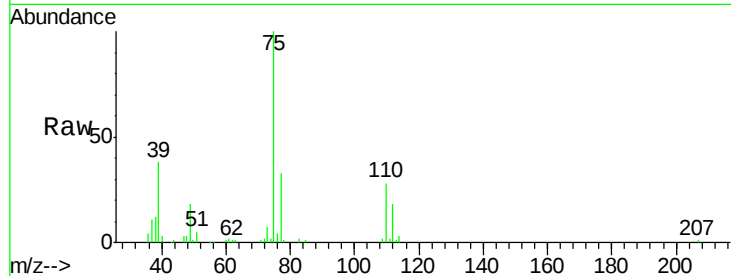
#53
t-1,3-Dichloropropene
Concen: 18.606 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN0602WBS01

Tot Ion: 75 Resp: 113699
Ion Ratio Lower Upper
75 100
77 33.1 26.2 39.4

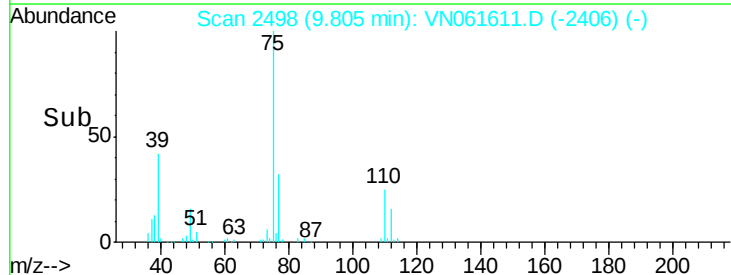
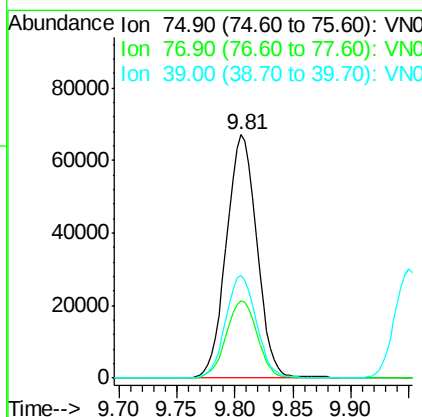
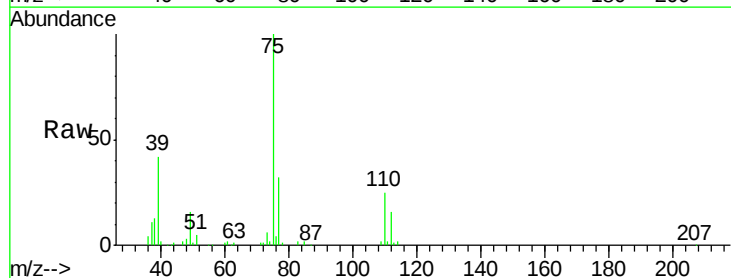
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#54
cis-1,3-Dichloropropene
Concen: 18.611 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion: 75 Resp: 122288
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2
39 42.3 33.8 50.6





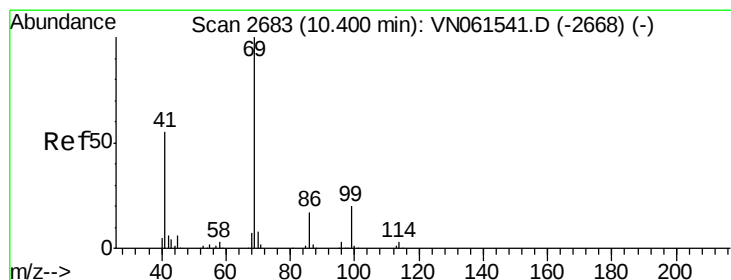
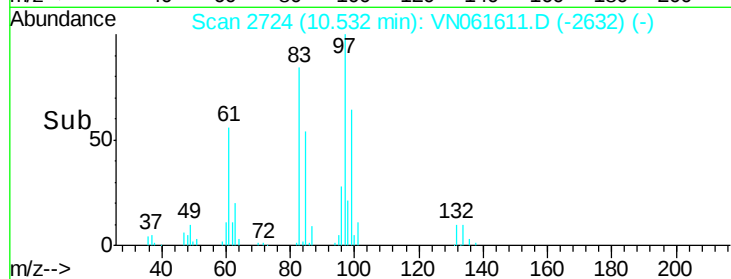
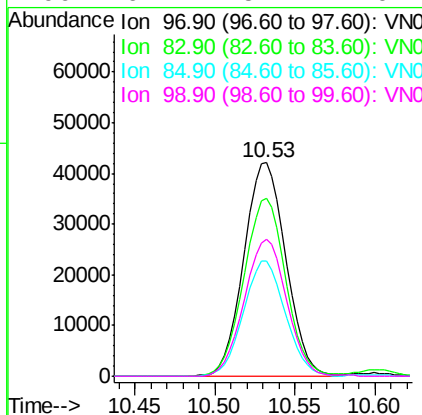
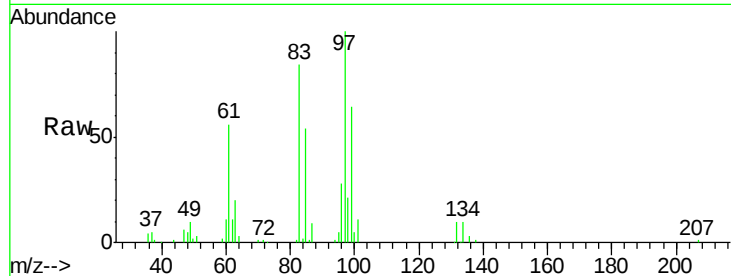
#55
 1,1,2-Trichloroethane
 Concen: 18.486 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBS01

Tot Ion:	97	Resp:	75576
Ion	Ratio	Lower	Upper
97	100		
83	83.5	68.1	102.1
85	54.1	44.1	66.1
99	64.4	51.1	76.7

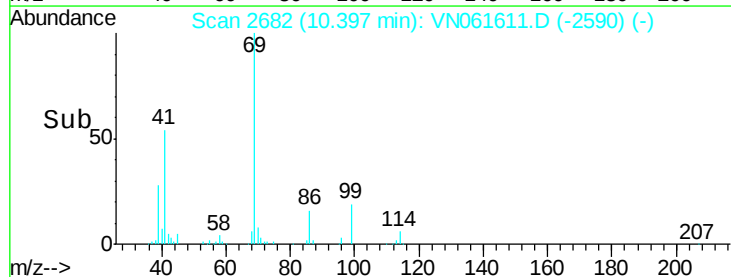
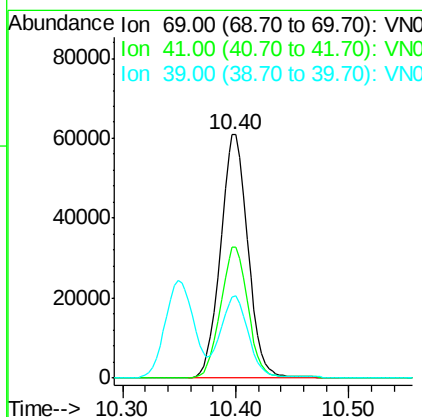
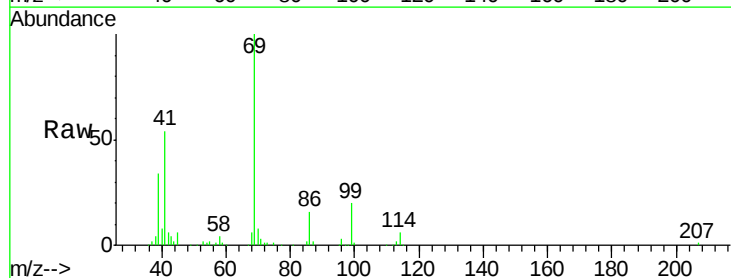
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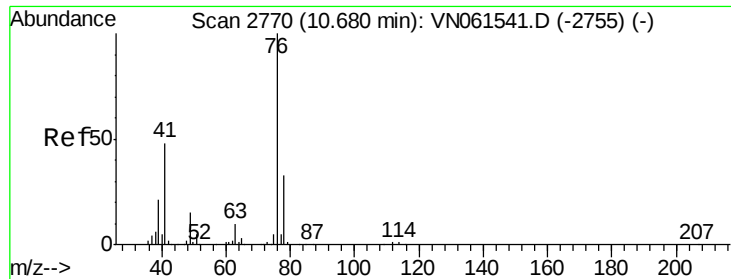
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#56
 Ethyl methacrylate
 Concen: 18.005 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion:	69	Resp:	102823
Ion	Ratio	Lower	Upper
69	100		
41	53.8	43.5	65.3
39	33.9	27.0	40.6





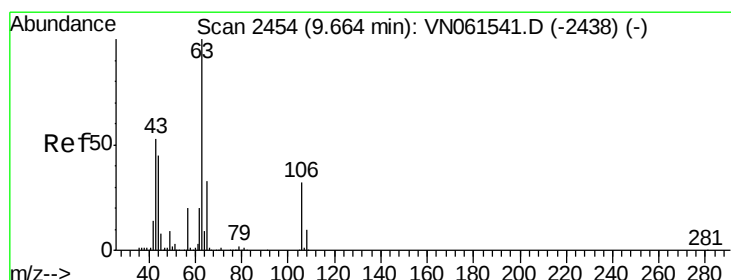
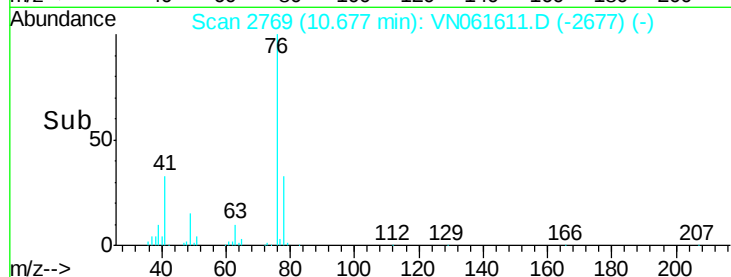
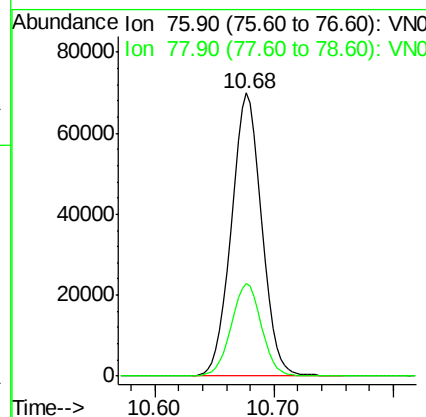
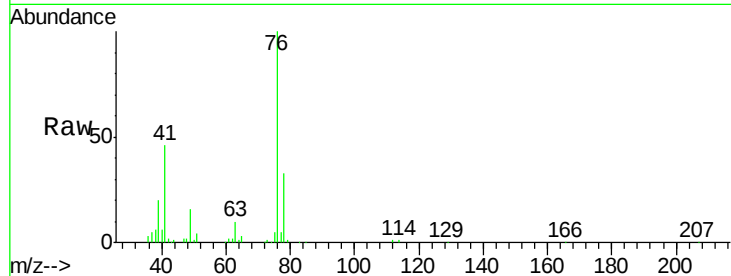
#57
 1,3-Dichloropropane
 Concen: 18.865 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0602WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.3	39.5

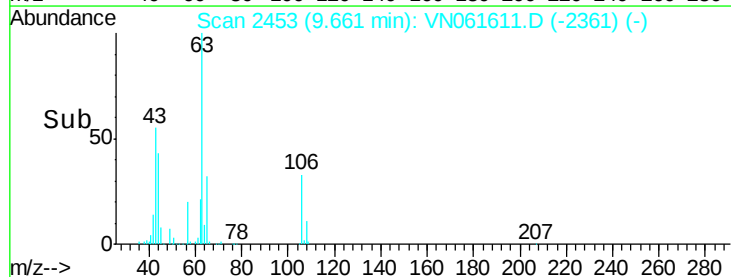
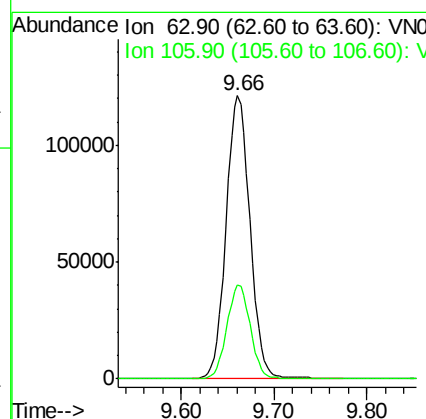
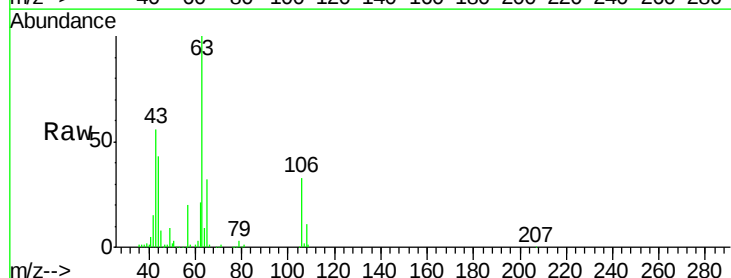
Manual Integrations
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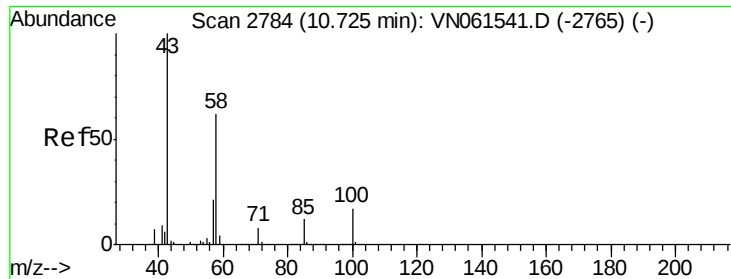
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#58
 2-Chloroethyl Vinyl ether
 Concen: 88.808 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.5	25.9	38.9





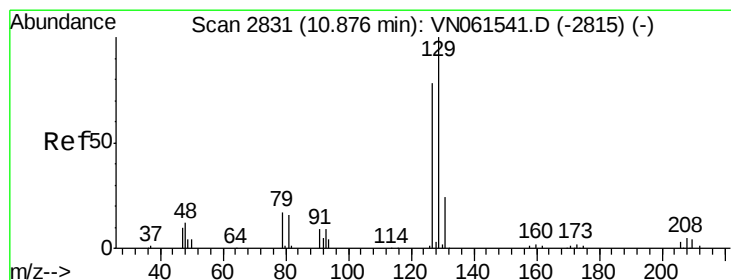
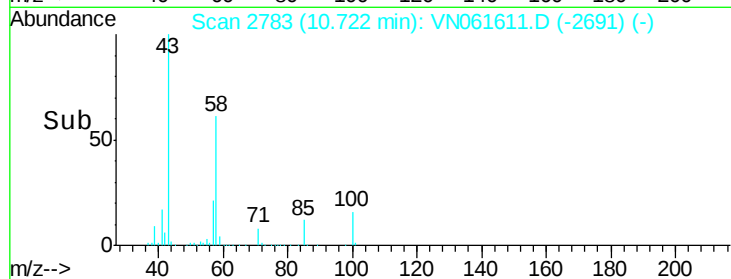
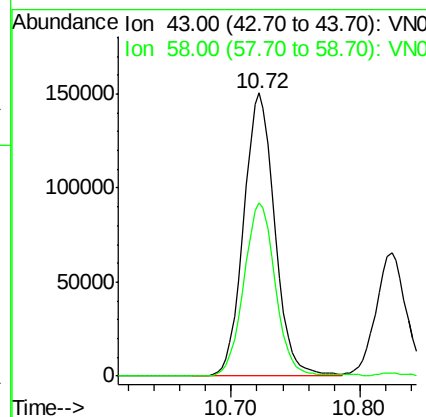
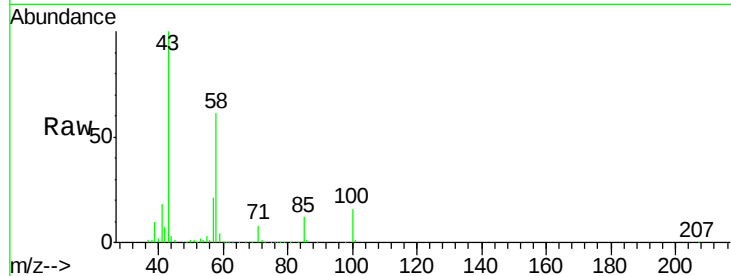
#59
2-Hexanone
Concen: 84.681 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN0602WBS01

Tot Ion: 43 Resp: 253052
Ion Ratio Lower Upper
43 100
58 61.7 30.7 92.1

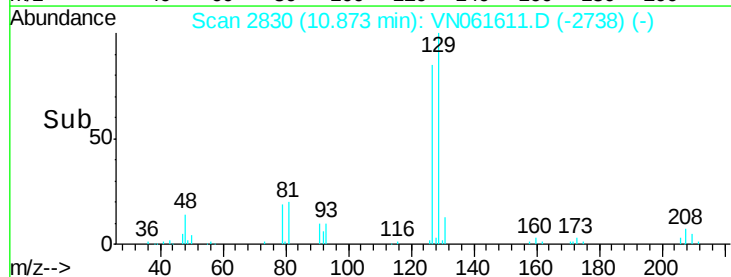
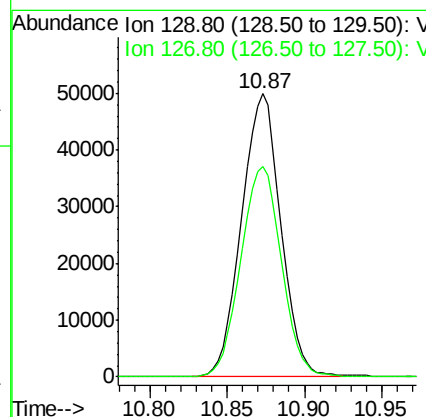
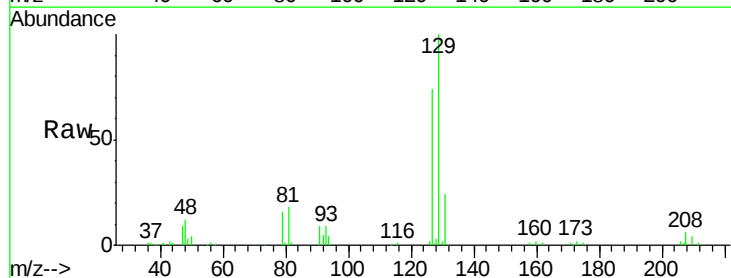
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6/3/2020 11:32:19 AM



#60
Dibromochloromethane
Concen: 18.984 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion: 129 Resp: 88232
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.3





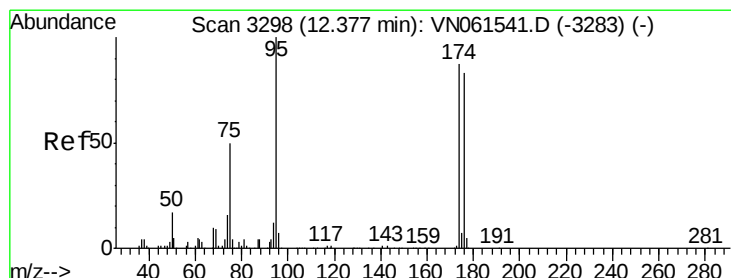
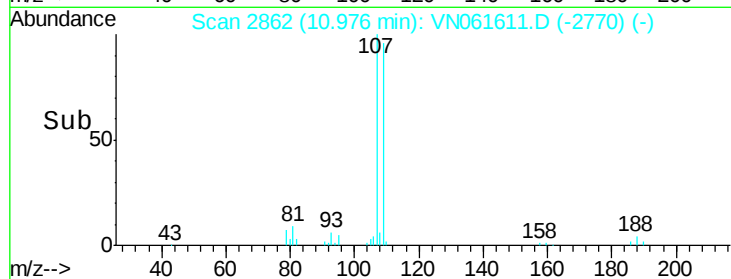
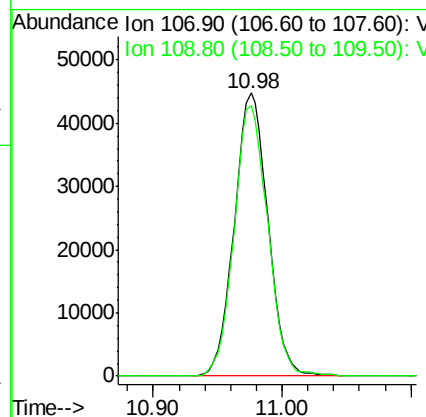
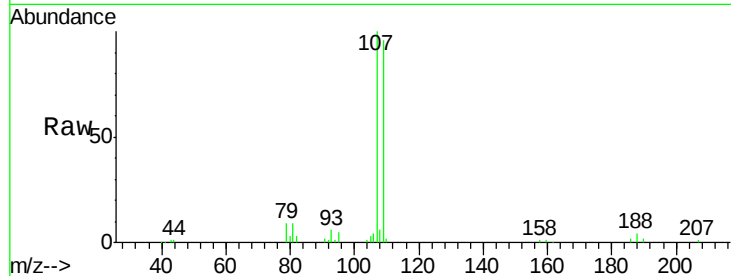
#61
 1,2-Dibromoethane
 Concen: 18.999 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0602WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	76.1	114.1

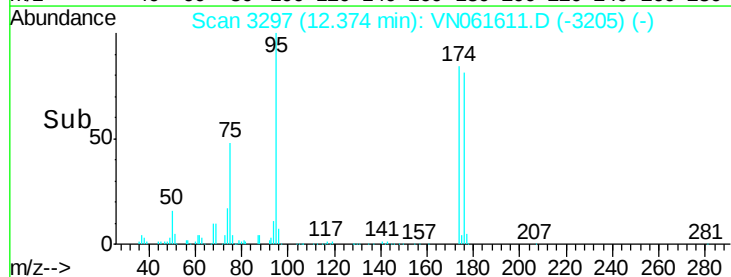
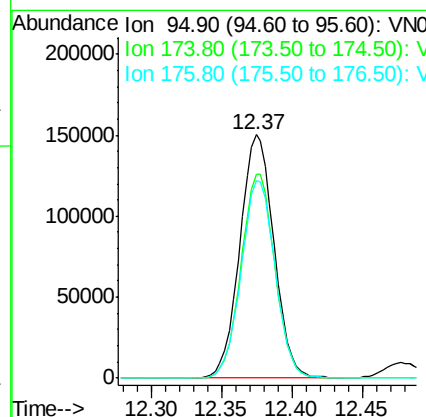
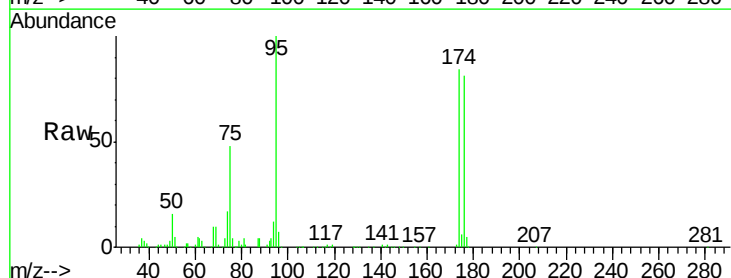
Manual Integrations
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 6/3/2020 11:32:19 AM



#62
 4-Bromofluorobenzene
 Concen: 51.479 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	172.8
176	81.2	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: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

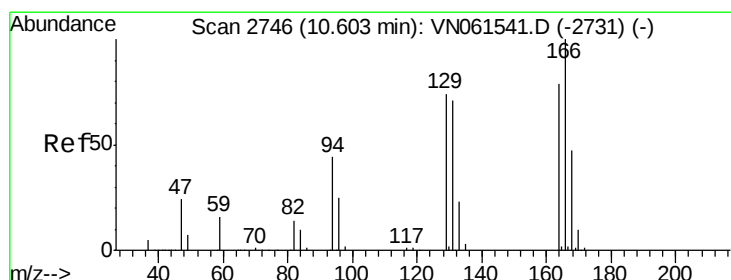
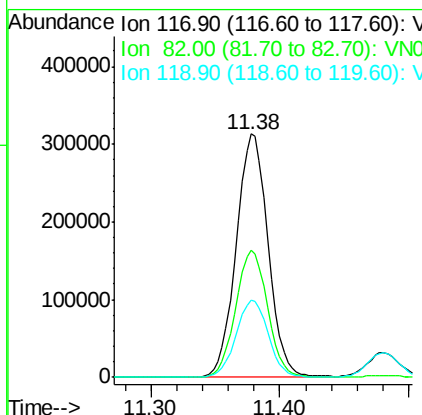
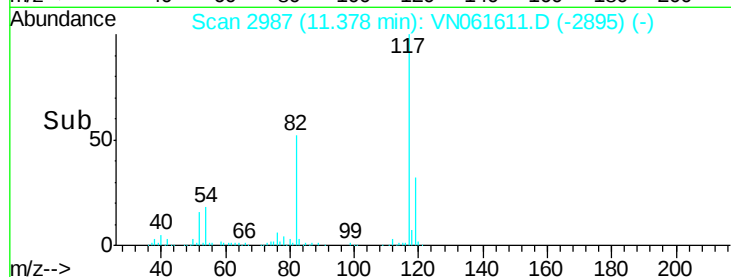
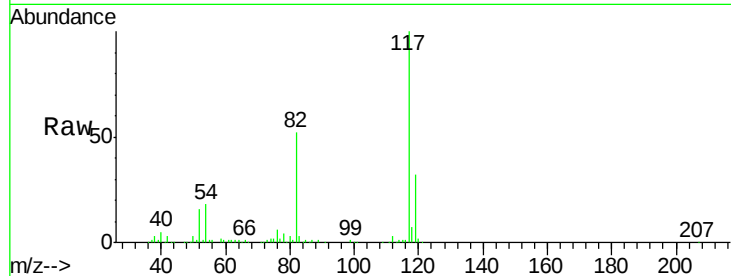
ClientSampleId :

VN0602WBS01

Tot Ion:	117	Resp:	538918
Ion Ratio	Lower	Upper	
117	100		
82	52.2	41.5	62.3
119	31.8	25.6	38.4

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#64

Tetrachloroethene

Concen: 19.297 ug/l

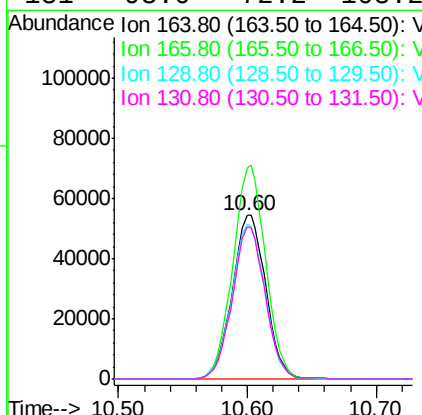
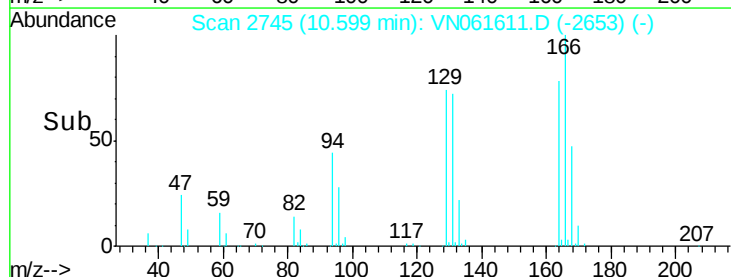
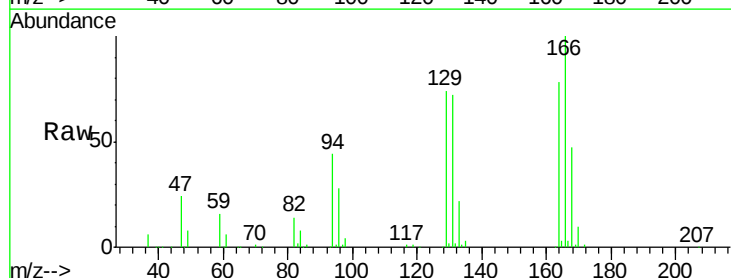
RT: 10.60 min Scan# 2745

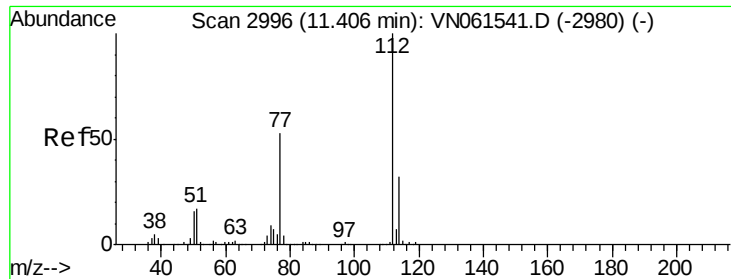
Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Tgt Ion:	164	Resp:	97892
Ion Ratio	Lower	Upper	
164	100		
166	128.8	101.5	152.3
129	94.7	74.9	112.3
131	93.0	72.2	108.2





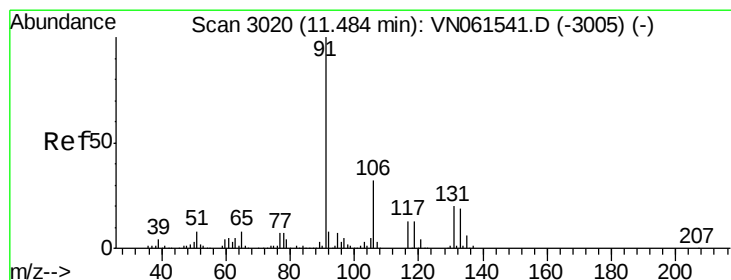
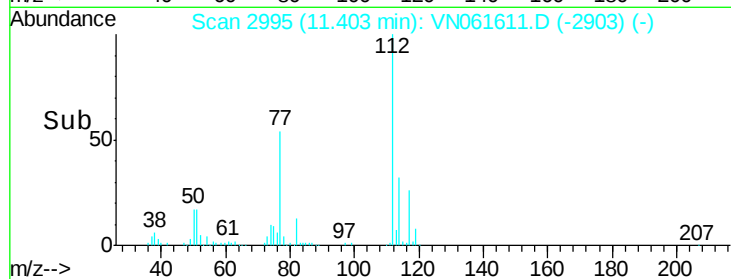
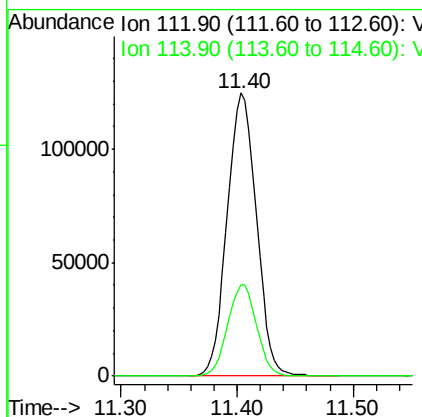
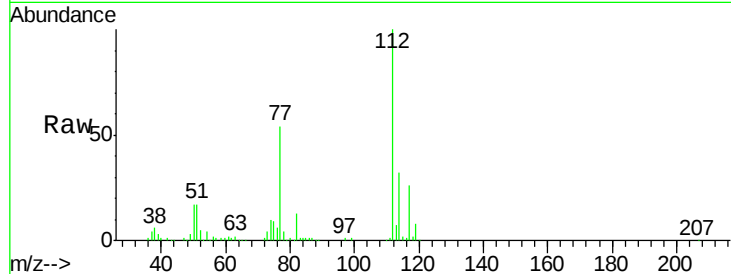
#65
Chlorobenzene
Concen: 19.447 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN0602WBS01

Tot Ion:112 Resp: 217852
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5

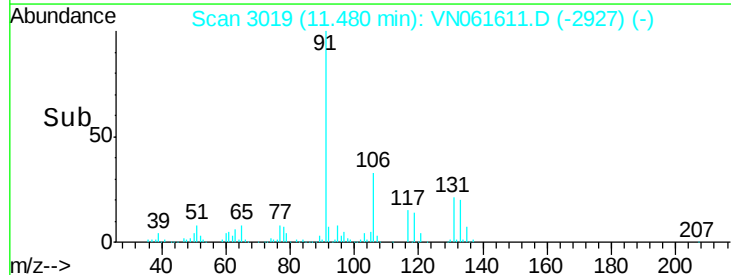
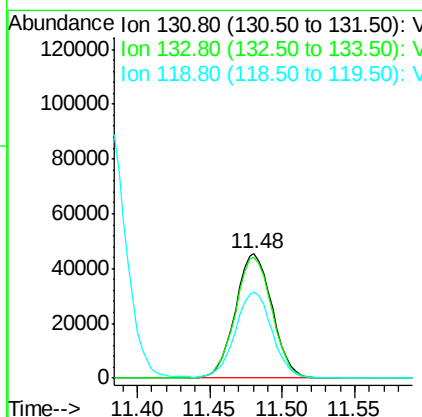
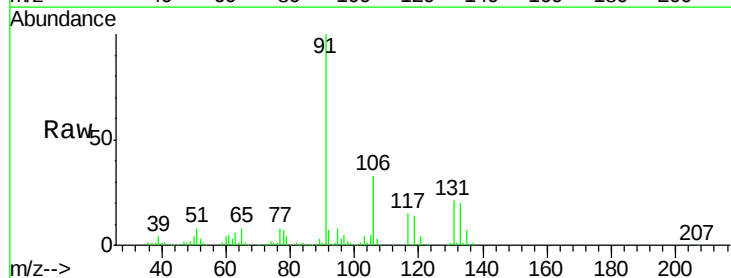
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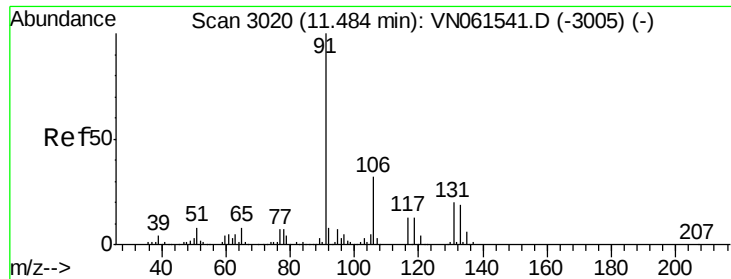
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.263 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion:131 Resp: 80349
Ion Ratio Lower Upper
131 100
133 96.9 47.4 142.2
119 68.8 32.6 97.8





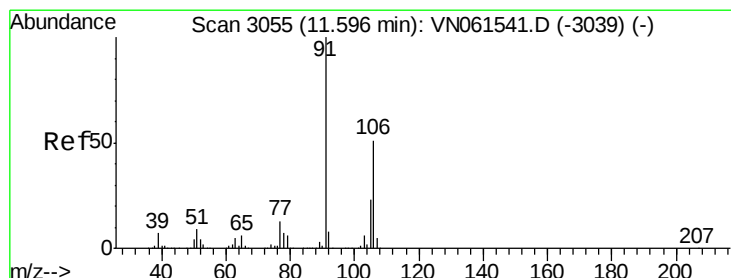
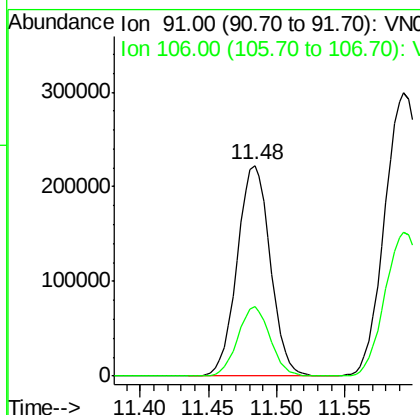
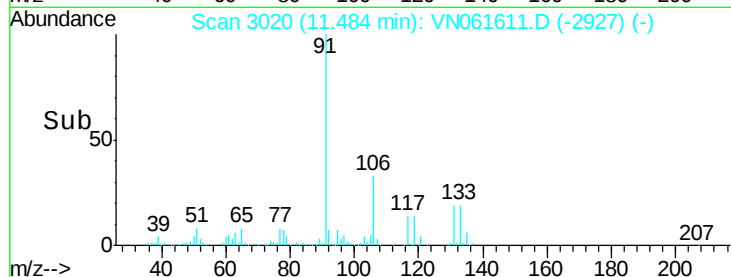
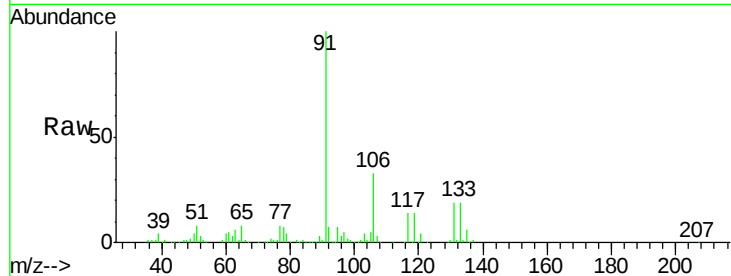
#67
Ethyl Benzene
Concen: 19.374 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN0602WBS01

Tot Ion: 91 Resp: 375106
Ion Ratio Lower Upper
91 100
106 32.9 25.6 38.4

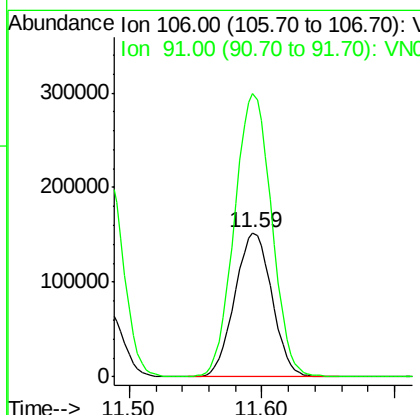
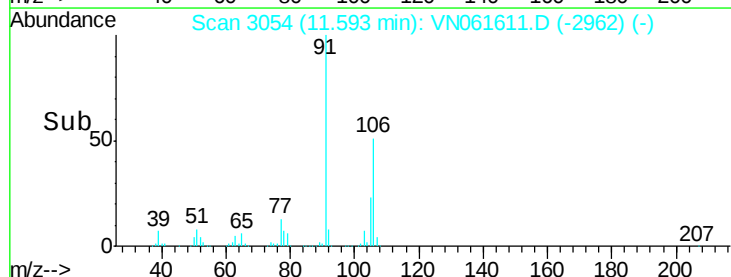
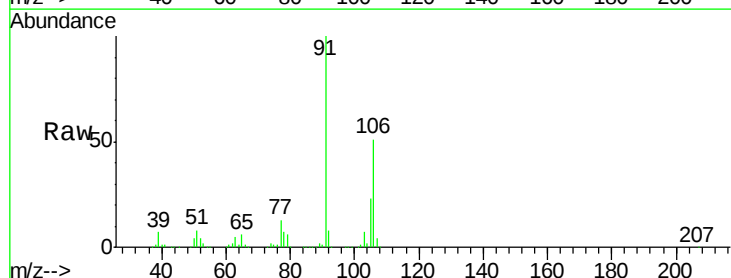
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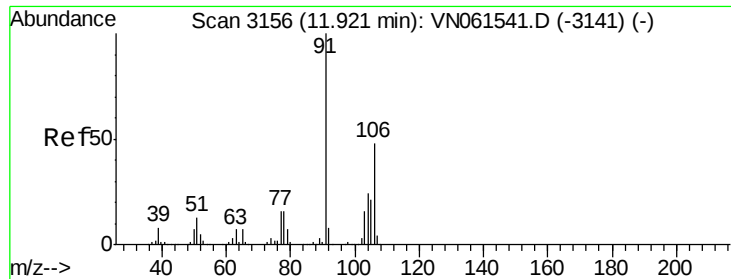
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#68
m/p-Xylenes
Concen: 38.519 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion: 106 Resp: 295711
Ion Ratio Lower Upper
106 100
91 197.5 156.2 234.4





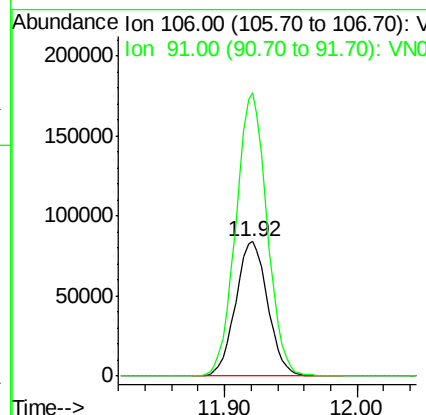
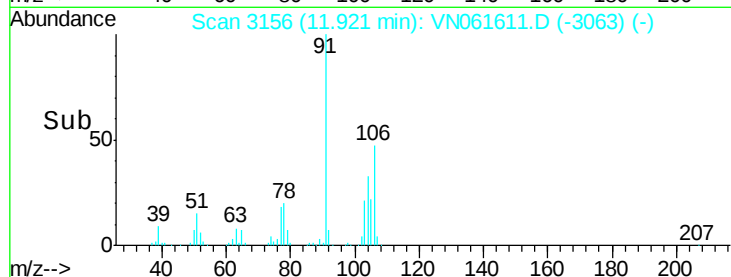
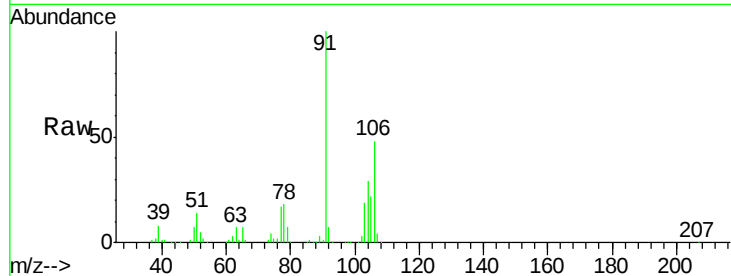
#69
o-Xylene
Concen: 19.399 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0602WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	204.8	103.3	309.8		

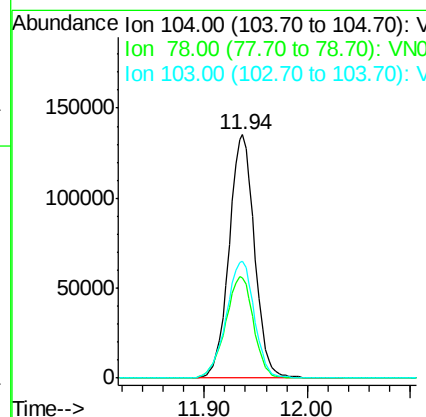
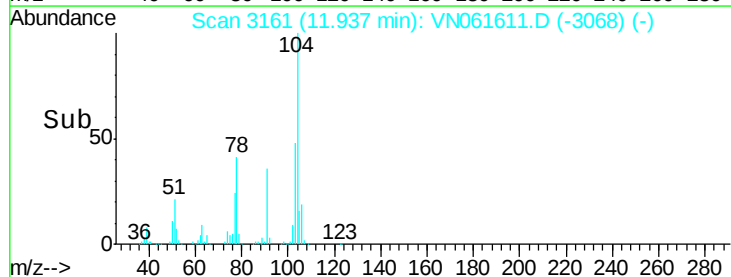
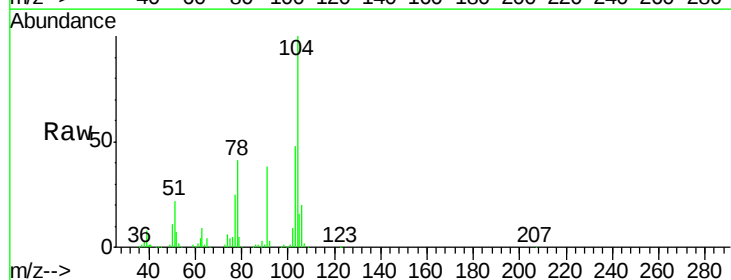
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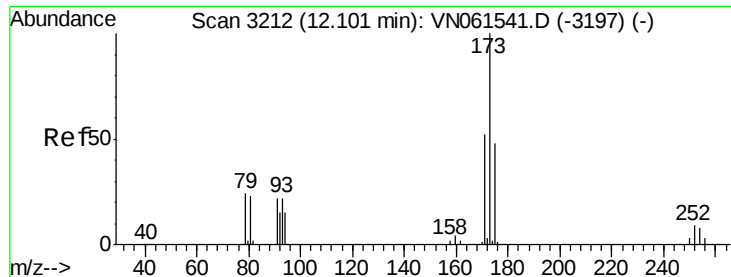
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#70
Styrene
Concen: 19.236 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	46.1	37.4	56.0		
103	53.2	42.3	63.5		





#71

Bromoform

Concen: 17.561 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

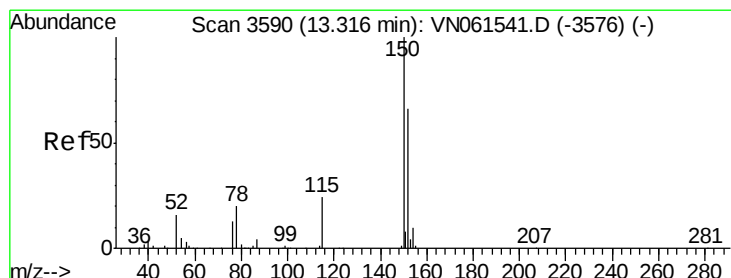
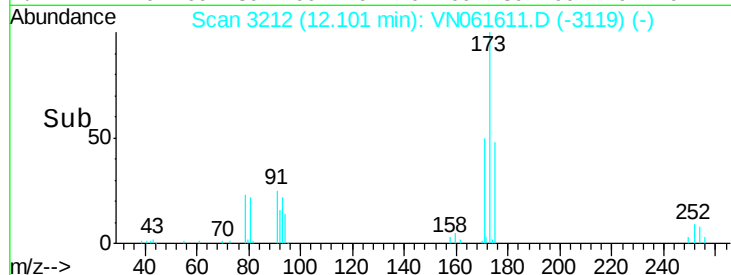
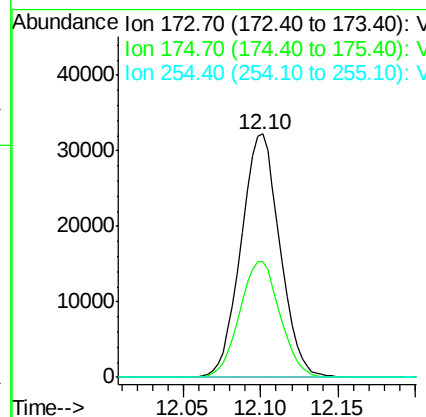
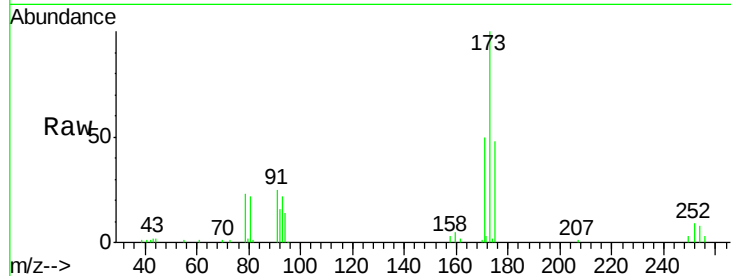
ClientSampled :

VN0602WBS01

Tot Ion:	173	Resp:	56443
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.4	73.2
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

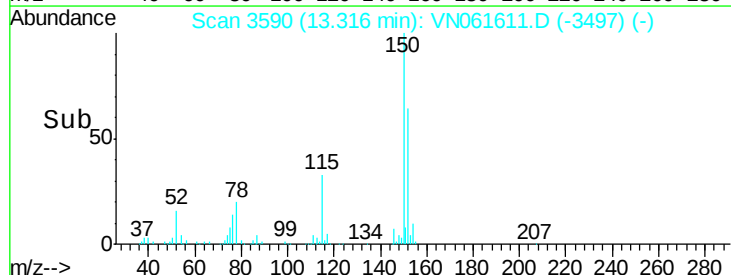
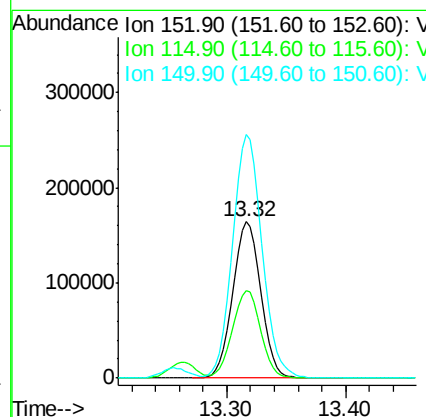
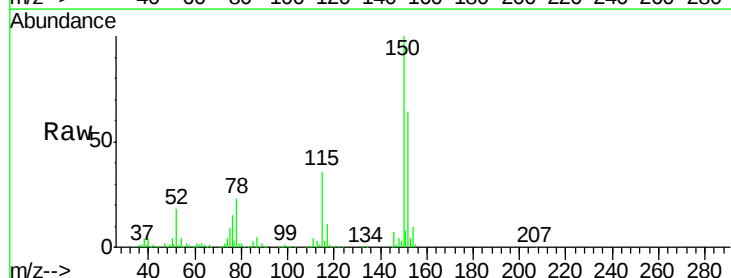
RT: 13.32 min Scan# 3590

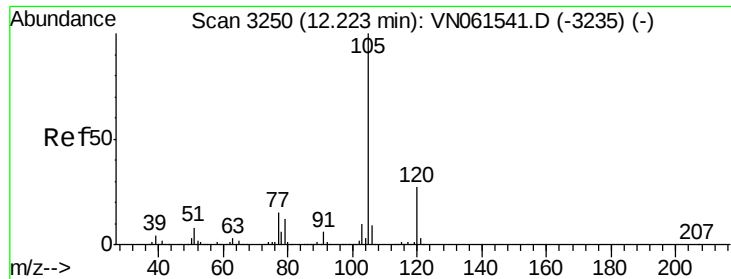
Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Tgt Ion:	152	Resp:	268953
Ion Ratio	Lower	Upper	
152	100		
115	56.5	28.0	84.0
150	163.2	0.0	344.0





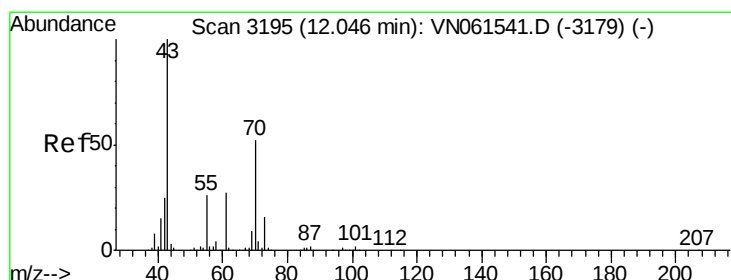
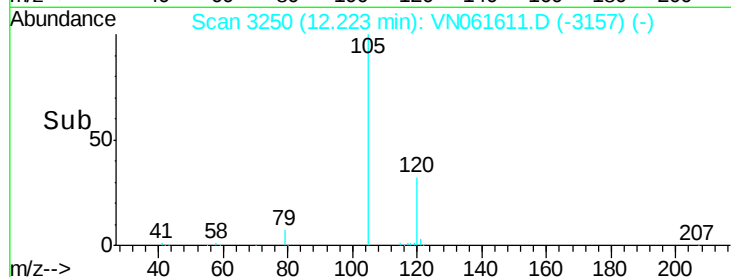
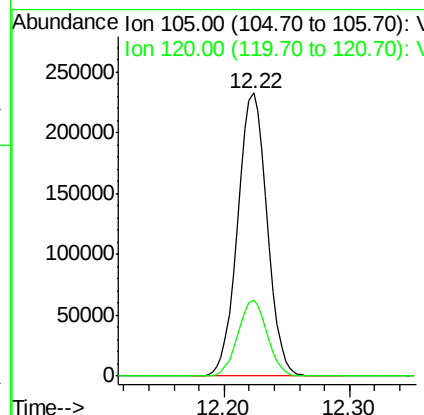
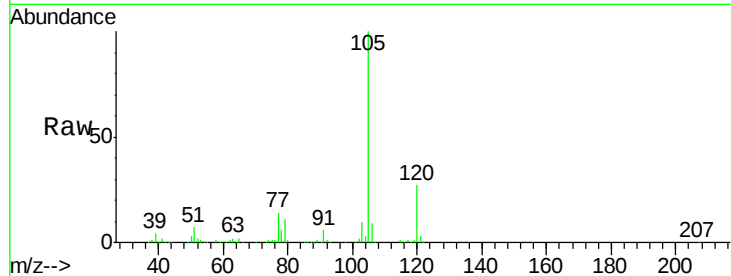
#73
Isopropylbenzene
Concen: 19.288 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN0602WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.7	13.8	41.3

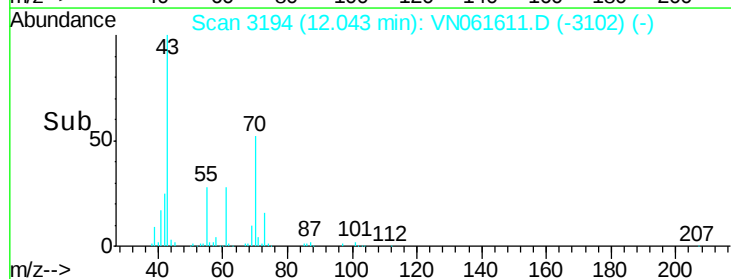
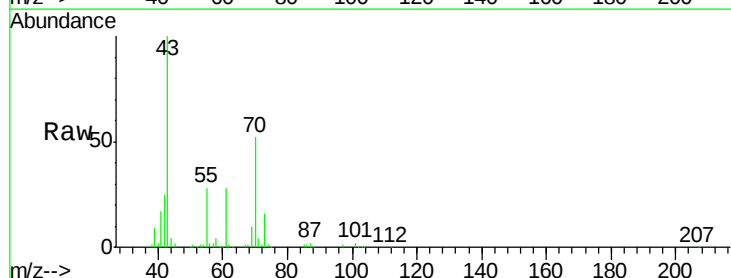
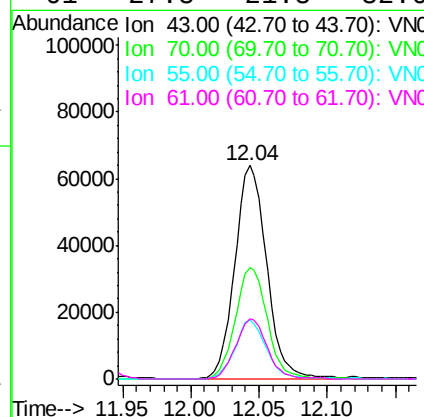
Manual Integrations
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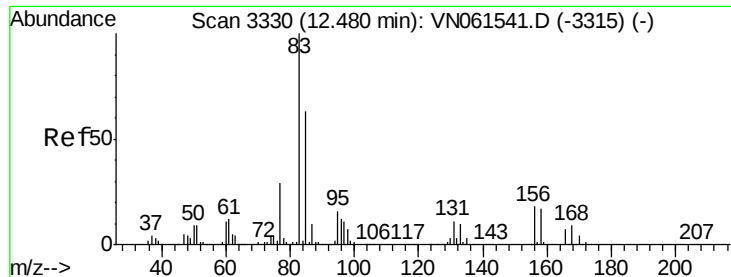
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#74
N-ethyl acetate
Concen: 16.825 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	52.4	40.5	60.7
55	27.3	20.6	31.0
61	27.8	21.8	32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.497 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

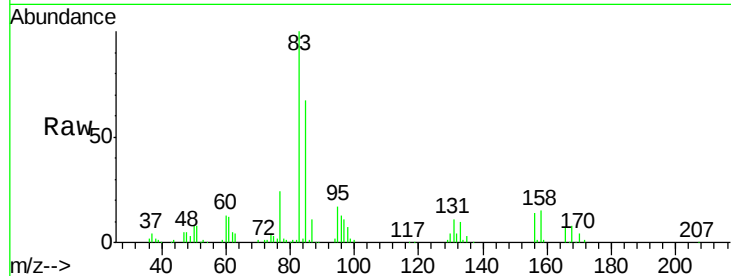
ClientSampleId :

VN0602WBS01

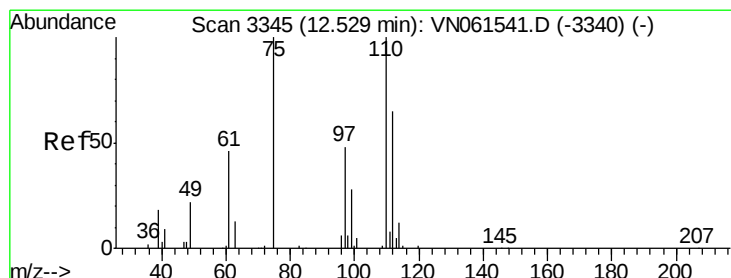
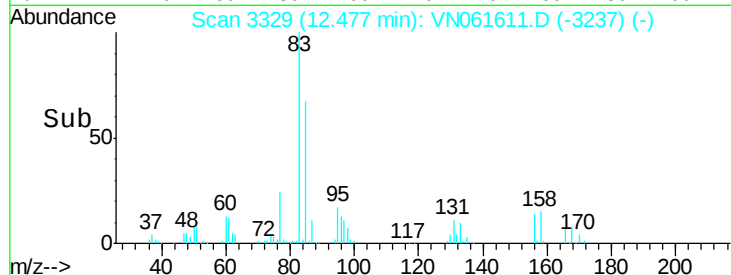
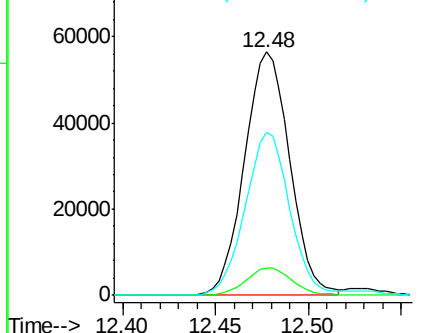
Tot Ion:	83	Resp:	96248
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.5	16.5
85	65.9	32.1	96.3

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6/3/2020 11:32:19 AM



Abundance Ion 82.90 (82.60 to 83.60): VN061611.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 18.218 ug/l m

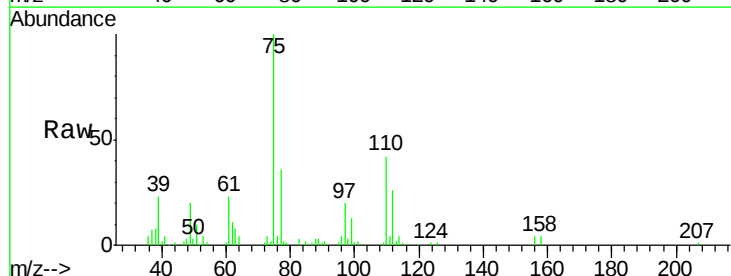
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

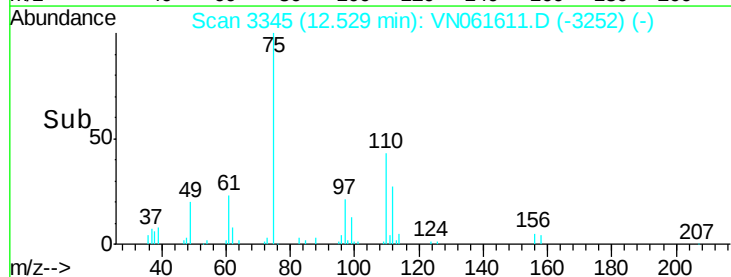
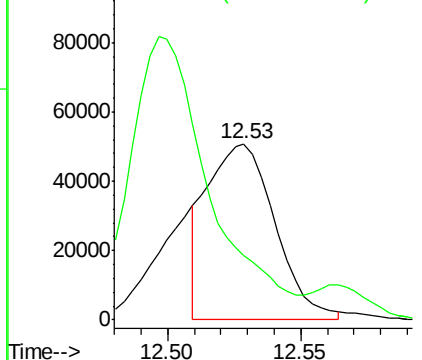
Lab File: VN061611.D

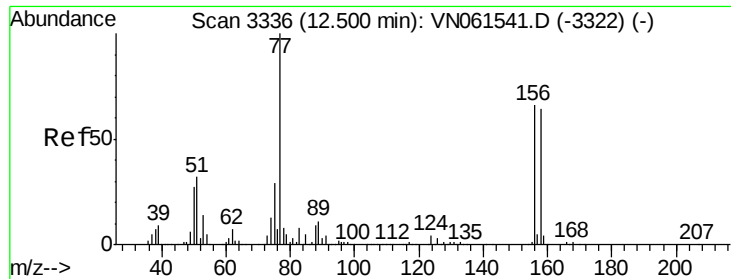
Acq: 2 Jun 2020 11:21

Tgt Ion:	75	Resp:	89096
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061611.D (-3252) (-)





#77

Bromobenzene

Concen: 18.721 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

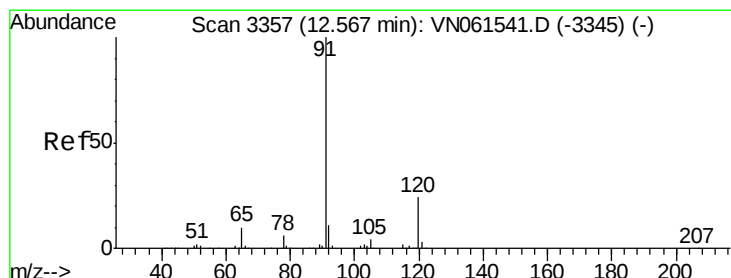
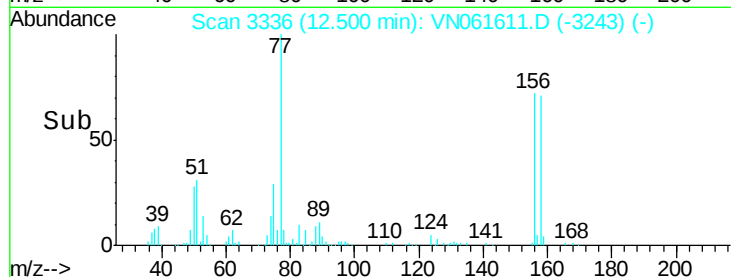
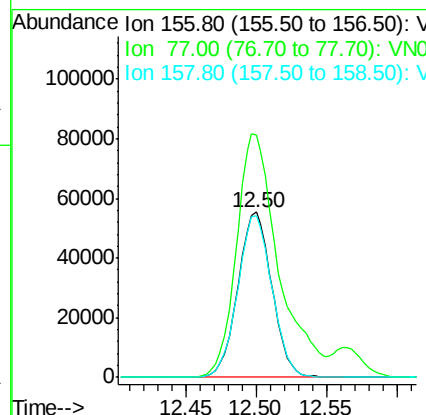
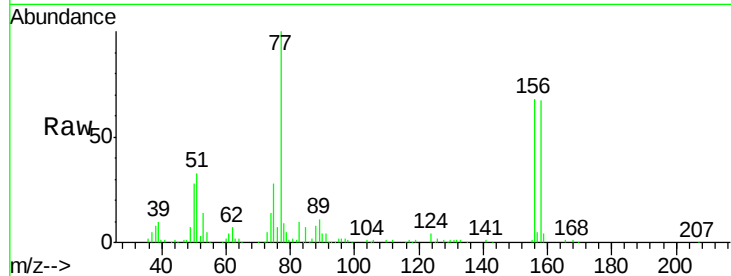
ClientSampled :

VN0602WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	182.7	90.9	272.7
158	98.9	48.4	145.3

Manual Integrations
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6/3/2020 11:32:19 AM



#78

n-propylbenzene

Concen: 19.101 ug/l

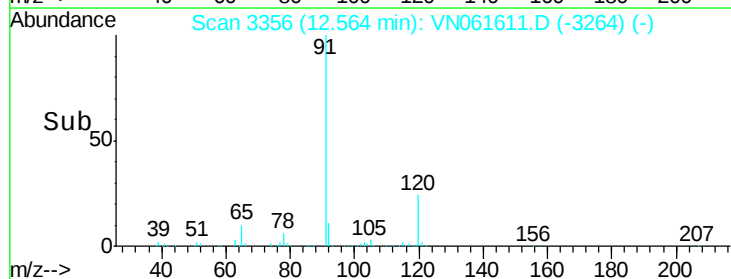
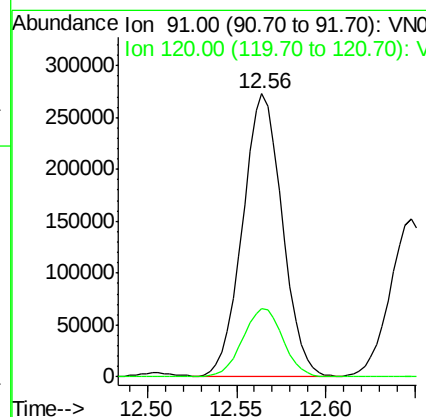
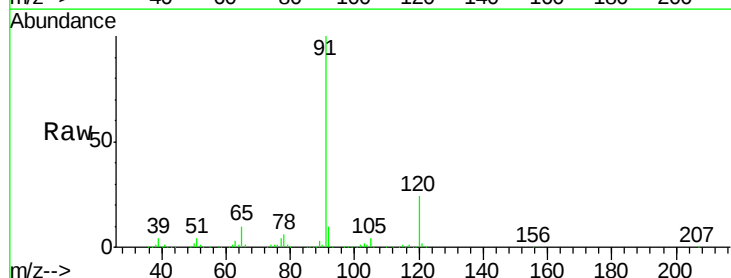
RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.7	12.3	36.9





#79

2-Chlorotoluene

Concen: 18.661 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampled :

VN0602WBS01

Tot Ion: 91 Resp: 243853

Ion Ratio Lower Upper

91 100

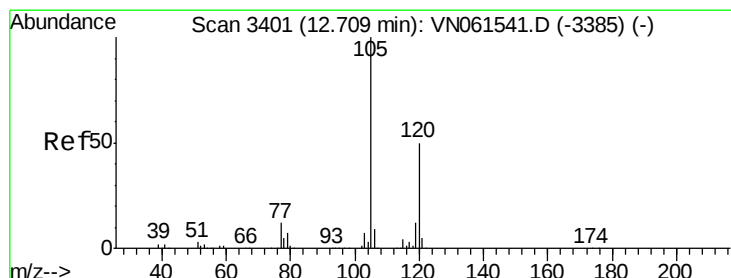
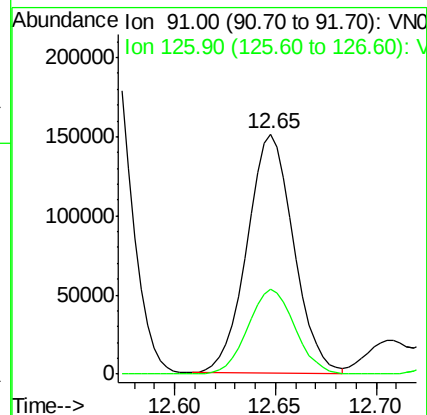
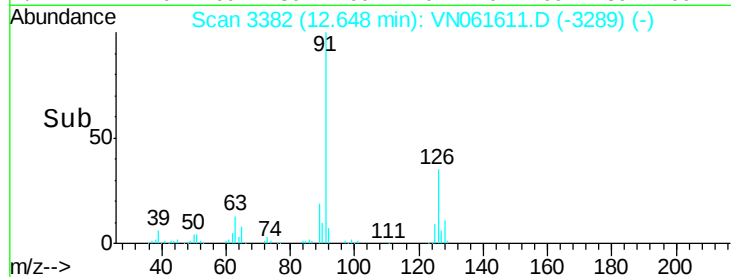
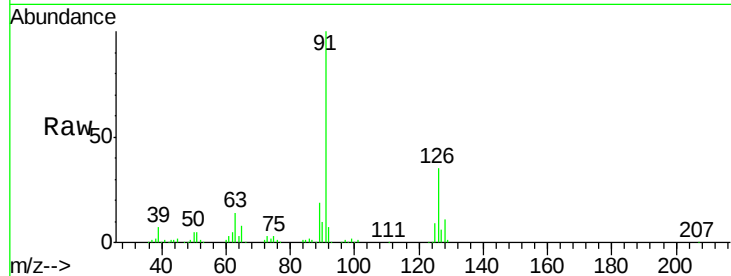
126 35.9 17.9 53.7

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6/3/2020 11:32:19 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.275 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061611.D

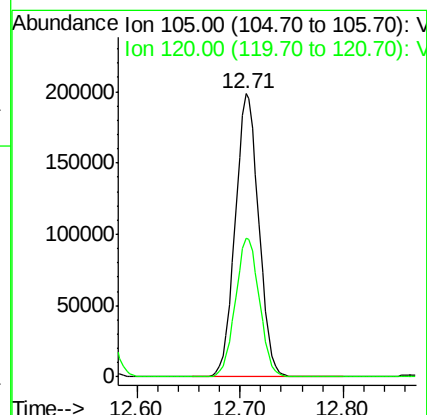
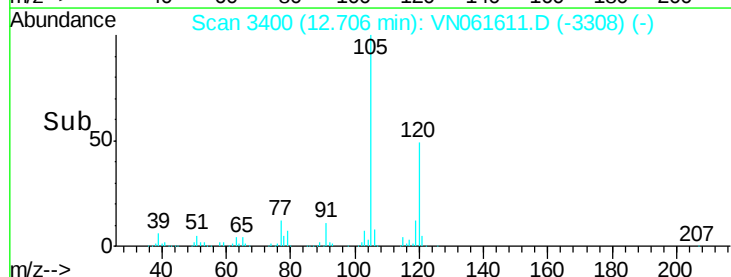
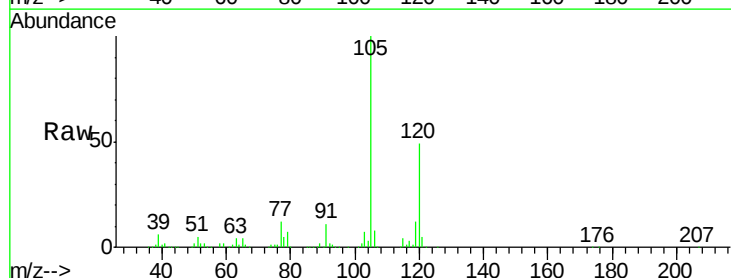
Acq: 2 Jun 2020 11:21

Tgt Ion: 105 Resp: 316246

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.989 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

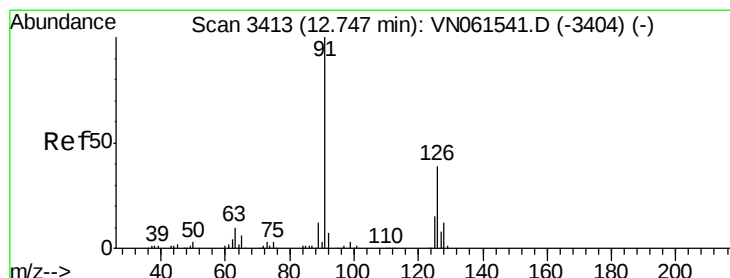
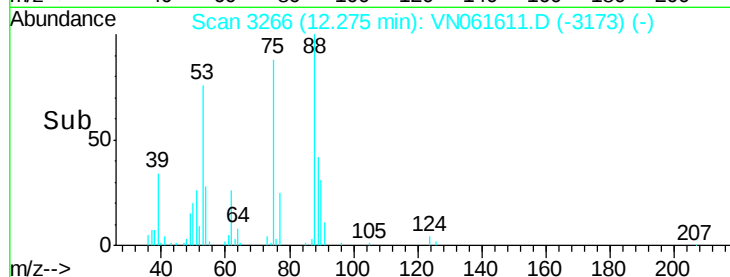
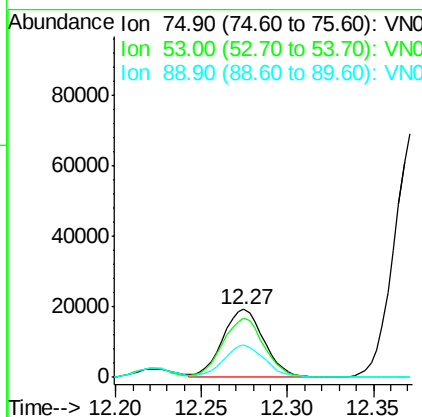
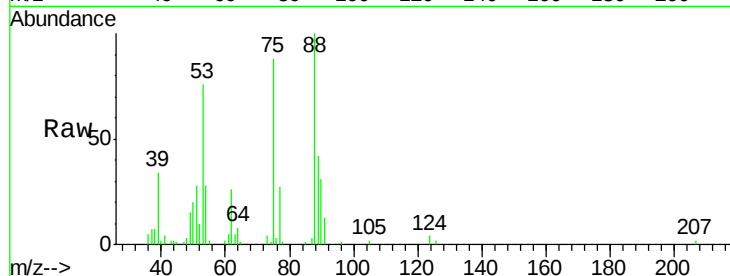
ClientSampleId :

VN0602WBS01

Tot Ion:	75	Resp:	32490
Ion	Ratio	Lower	Upper
75	100		
53	84.5	67.8	101.8
89	46.6	37.1	55.7

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#82

4-Chlorotoluene

Concen: 18.522 ug/l

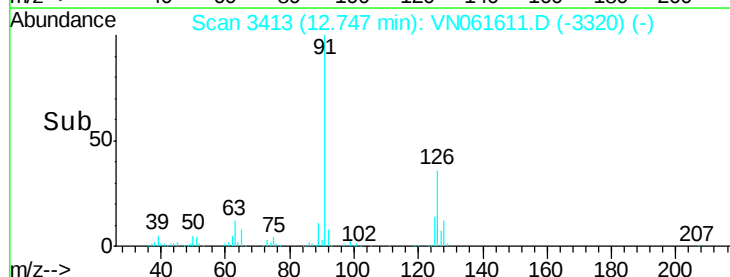
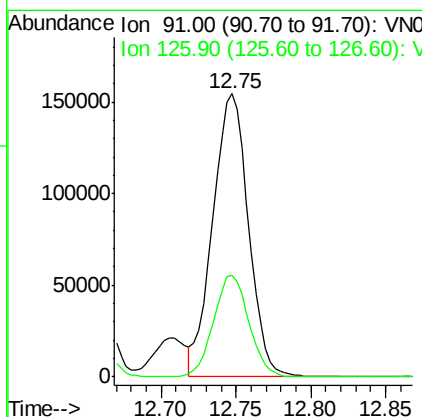
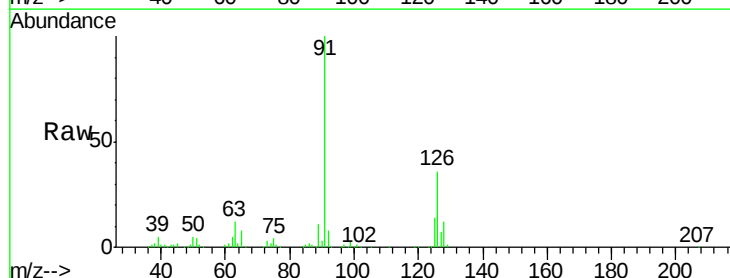
RT: 12.75 min Scan# 3413

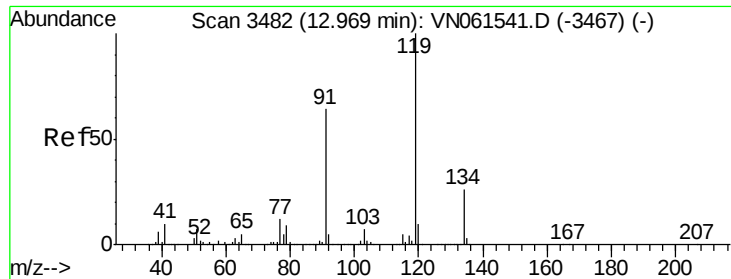
Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Tgt Ion:	91	Resp:	254618
Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.5	52.6





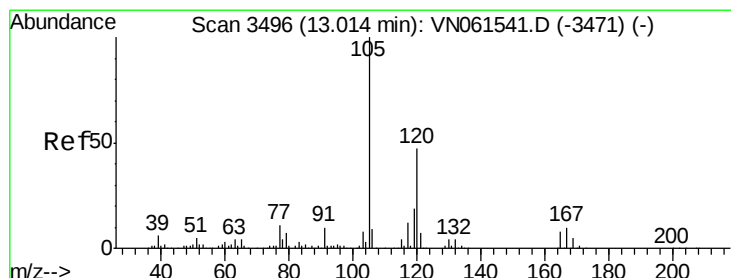
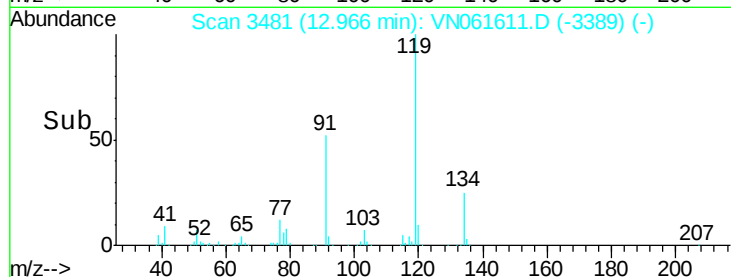
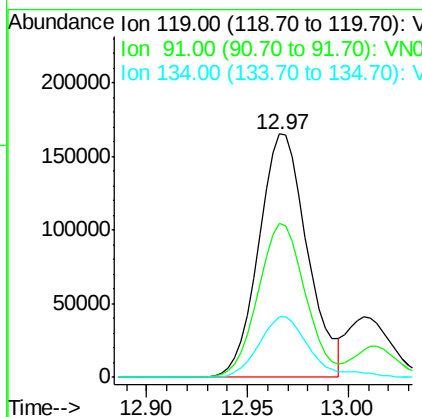
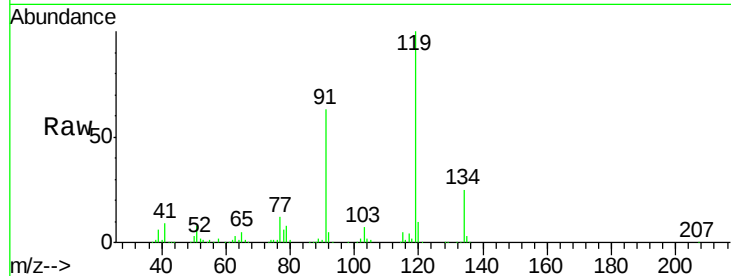
#83
tert-Butylbenzene
Concen: 19.108 ug/l
RT: 12.97 min Scan# 3481
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampled :
VN0602WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.6	31.3	93.8
134	26.1	13.5	40.4

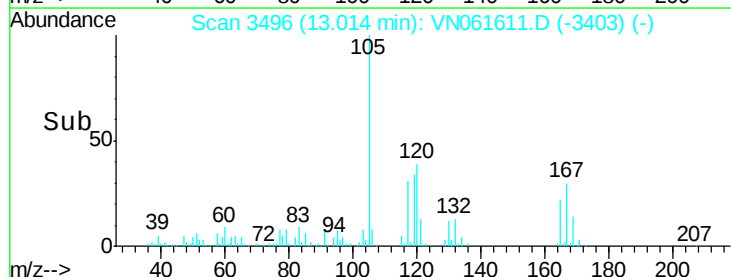
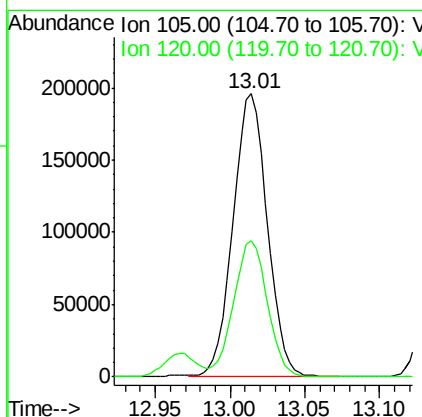
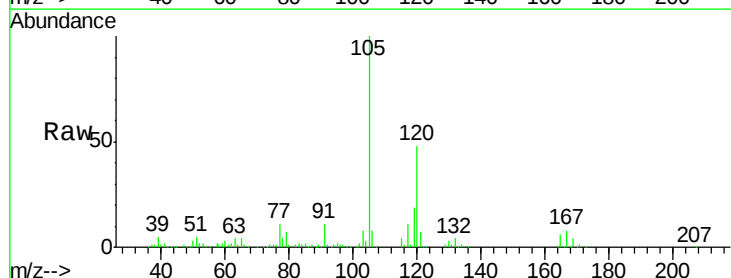
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#84
1,2,4-Trimethylbenzene
Concen: 19.101 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.8	23.2	69.5





#85

sec-Butylbenzene

Concen: 19.256 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

ClientSampled :

VN0602WBS01

Tot Ion:105 Resp: 359700

Ion Ratio Lower Upper

105 100

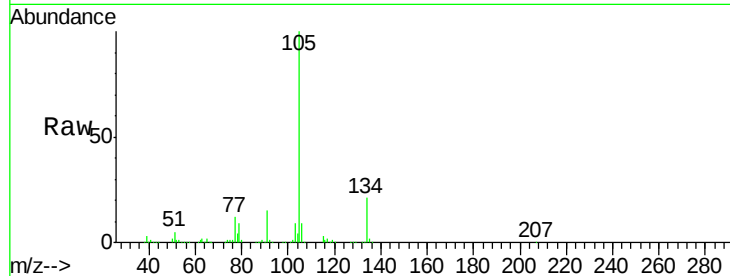
134 20.9 10.7 31.9

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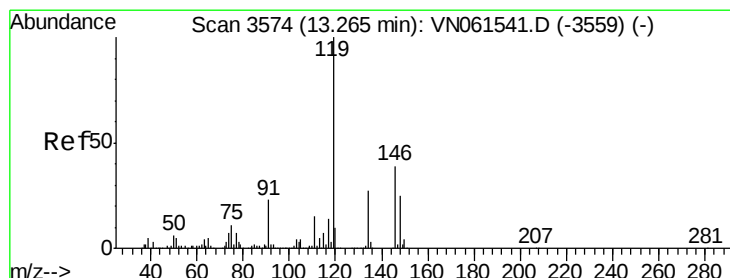
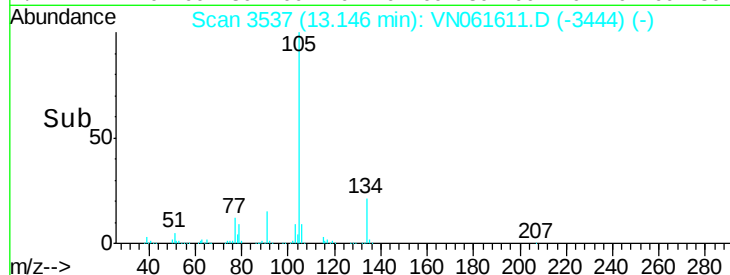
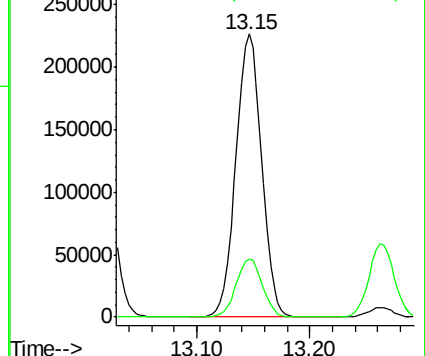
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.698 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

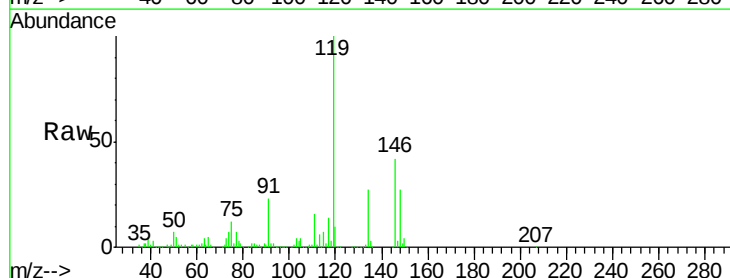
Tgt Ion:119 Resp: 338849

Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

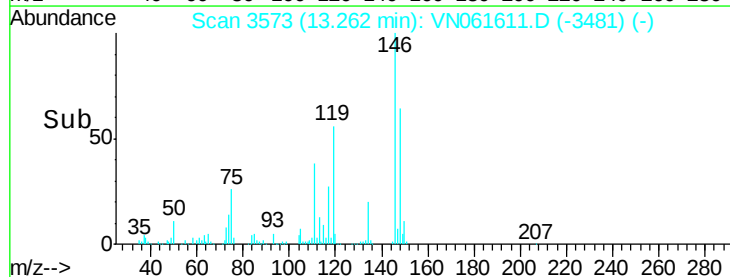
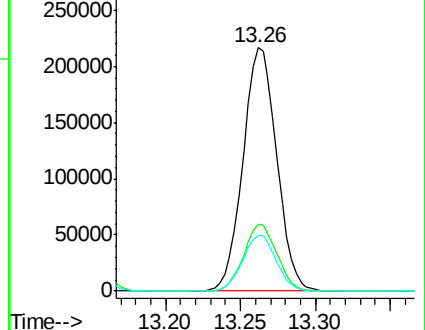
91 22.8 11.4 34.1



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





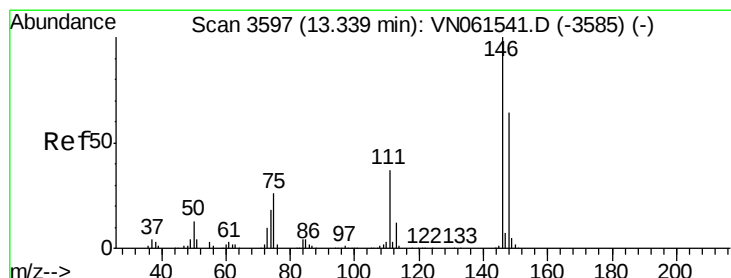
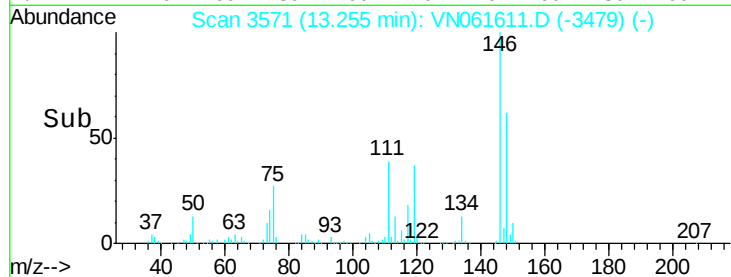
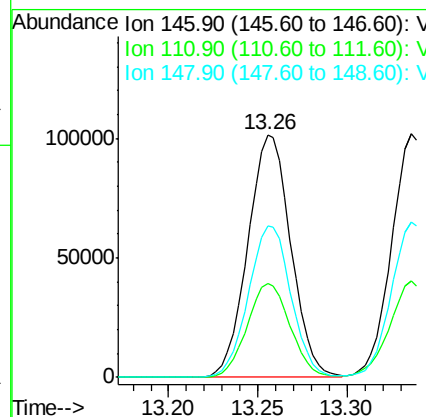
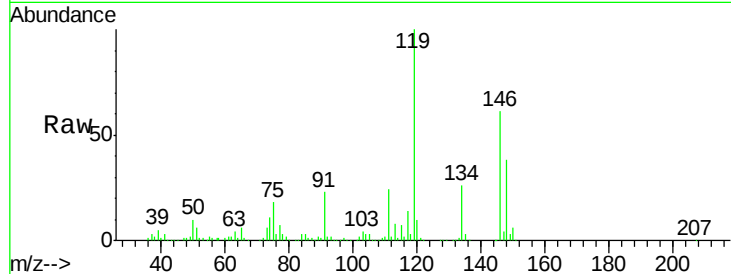
#87
 1,3-Dichlorobenzene
 Concen: 19.214 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0602WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.2	57.6
148	62.0	31.7	95.1

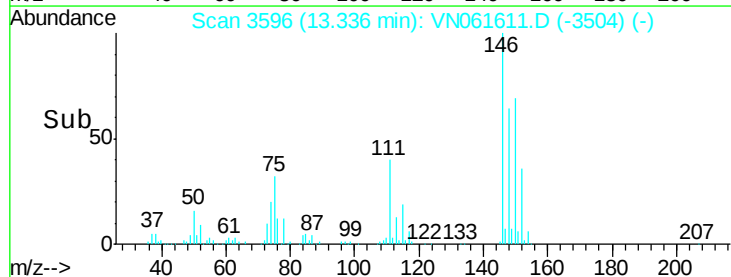
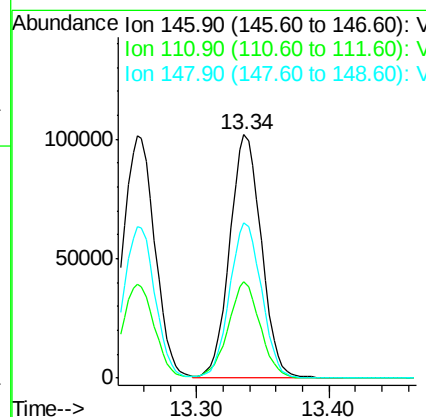
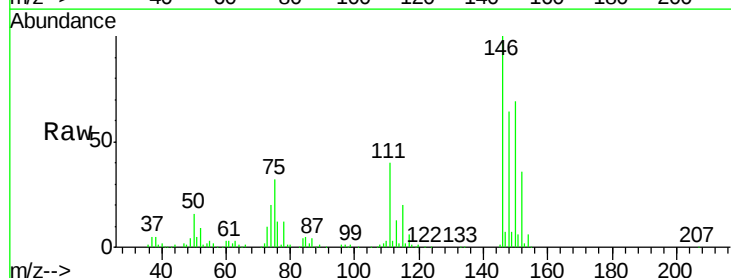
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#88
 1,4-Dichlorobenzene
 Concen: 18.612 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	18.9	56.9
148	64.8	31.8	95.3





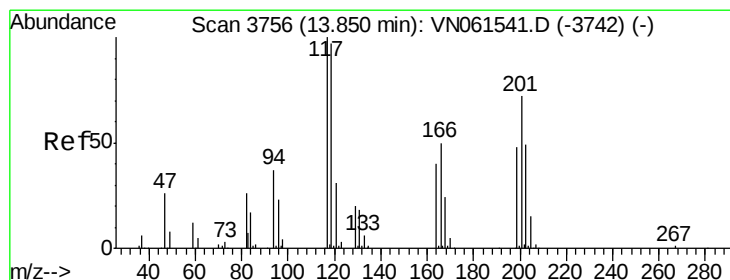
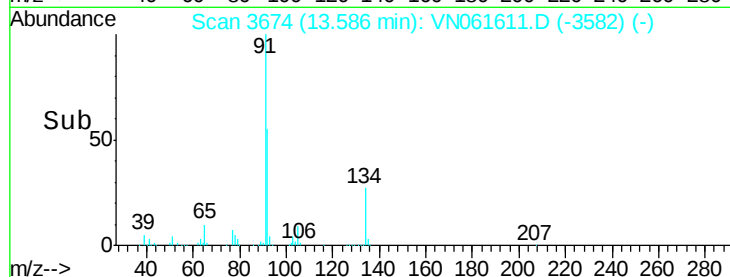
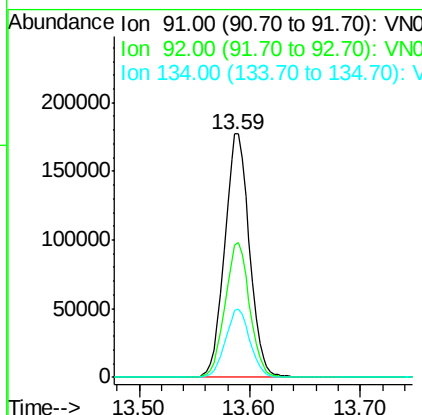
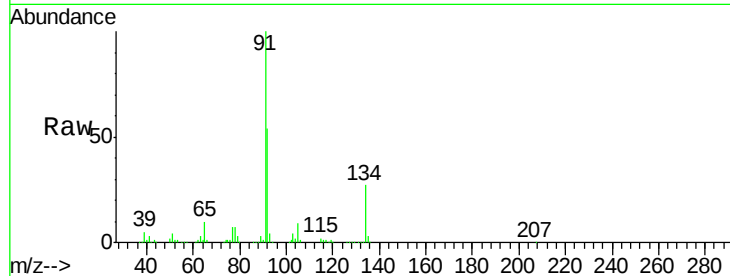
#89
n-Butylbenzene
Concen: 19.203 ug/l
RT: 13.59 min Scan# 3674
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Instrument :
MSVOA_N
ClientSampleId :
VN0602WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.6
134	27.7	14.0	42.0

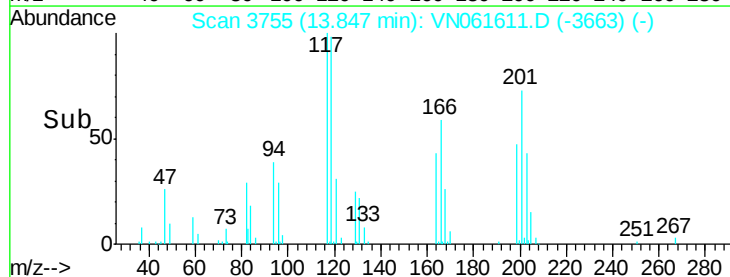
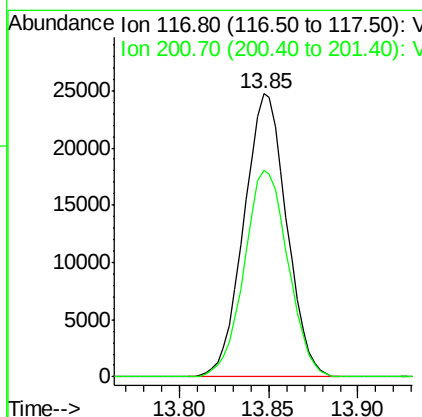
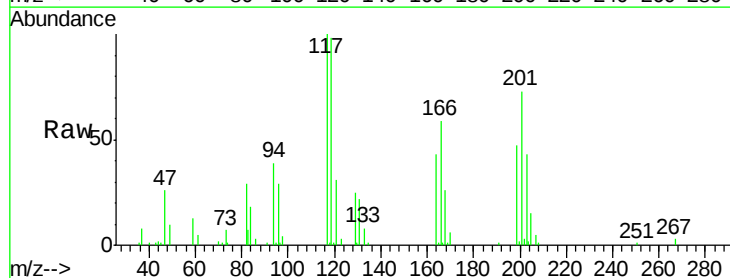
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6/3/2020 11:32:19 AM



#90
Hexachloroethane
Concen: 21.722 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN061611.D
Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.7	36.7	110.1





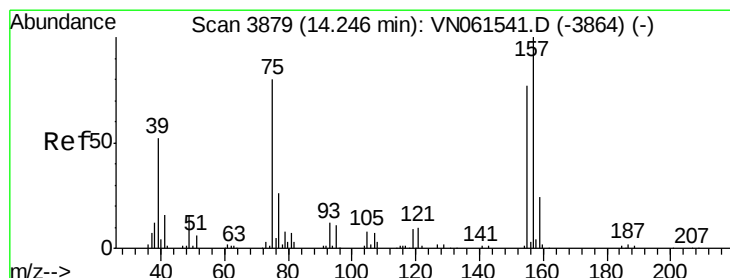
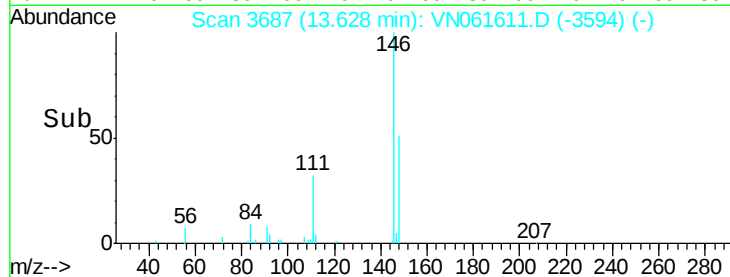
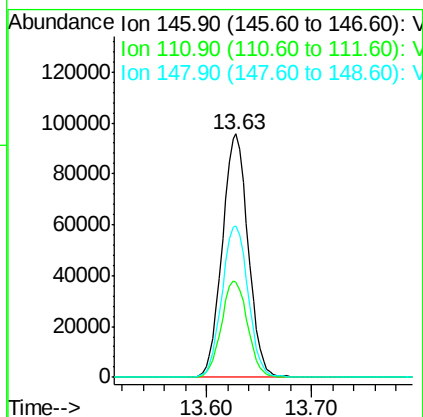
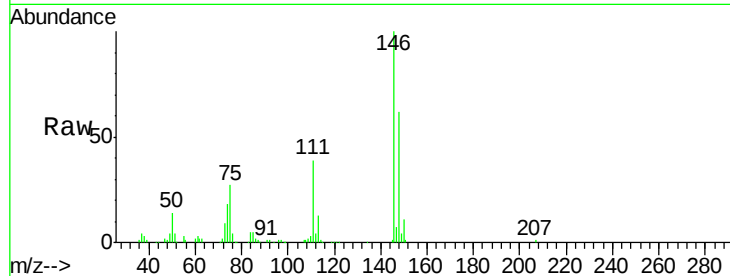
#91
 1,2-Dichlorobenzene
 Concen: 19.184 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0602WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.1	60.2
148	63.1	31.9	95.5

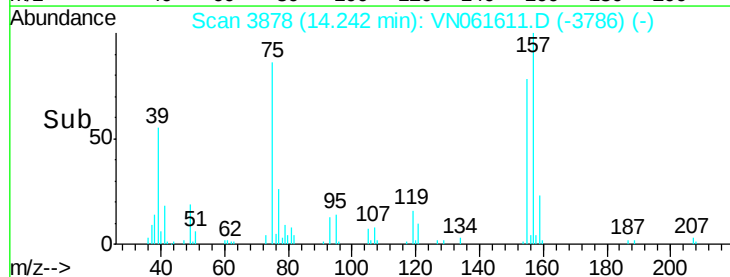
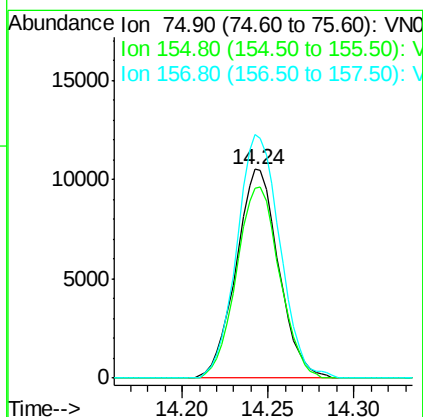
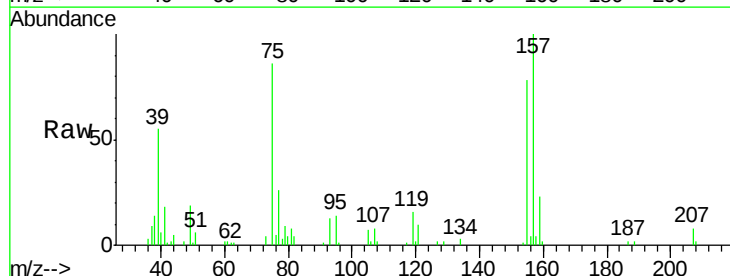
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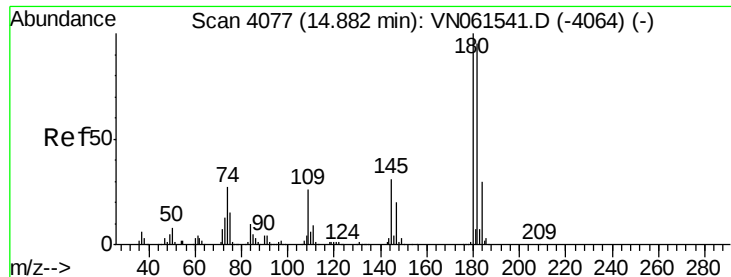
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.084 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.4	47.1	141.4
157	118.1	60.3	180.8





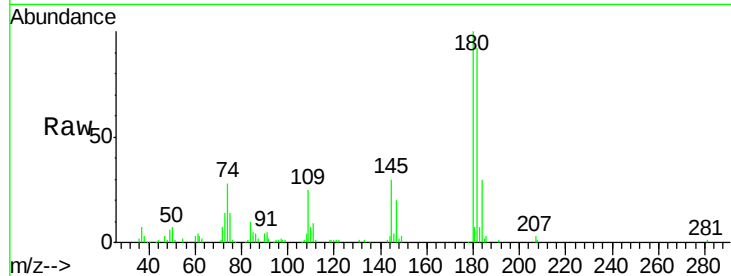
#93
 1,2,4-Trichlorobenzene
 Concen: 18.520 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Instrument :
 MSVOA_N
 ClientSampled :
 VN0602WBS01

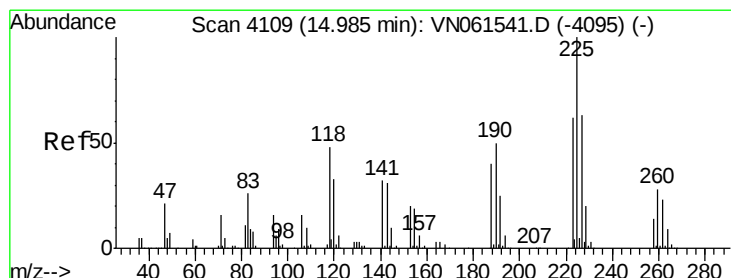
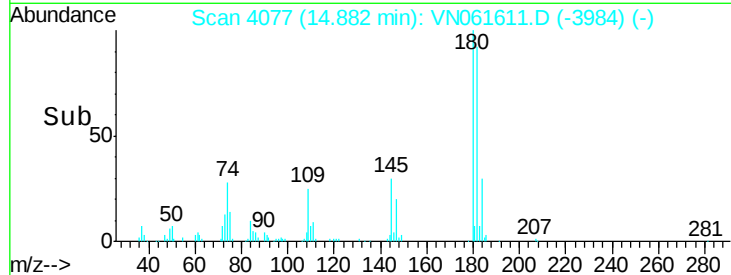
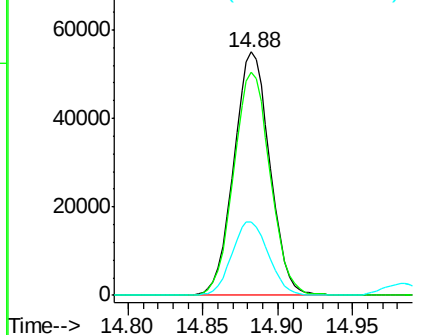
Tot Ion	Ratio	Resp	Lower	Upper
180	100	91842		
182	93.2	47.8	143.3	
145	30.7	15.5	46.5	

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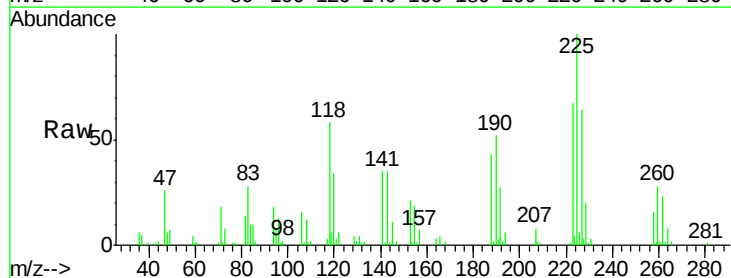


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

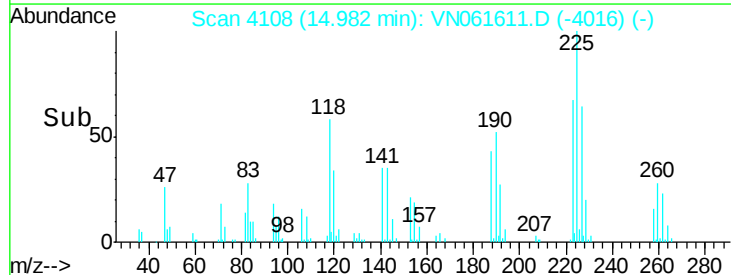
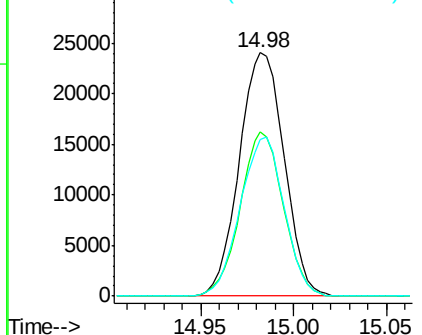


#94
 Hexachlorobutadiene
 Concen: 19.075 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061611.D
 Acq: 2 Jun 2020 11:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	40344		
223	64.6	31.9	95.5	
227	64.0	31.9	95.9	



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





#95

Naphthalene

Concen: 17.012 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Instrument :

MSVOA_N

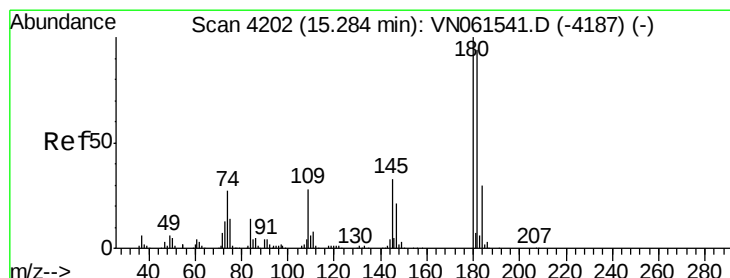
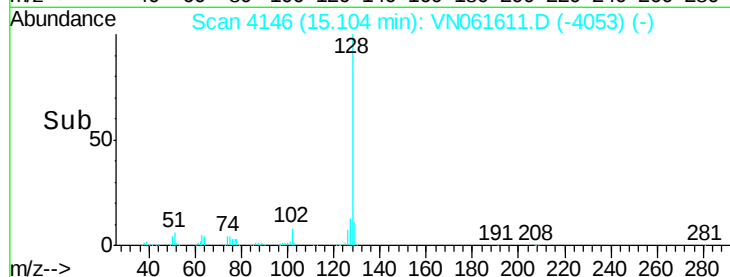
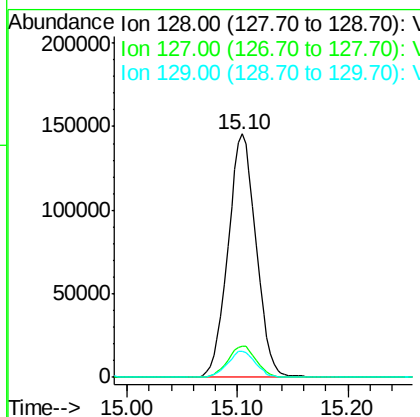
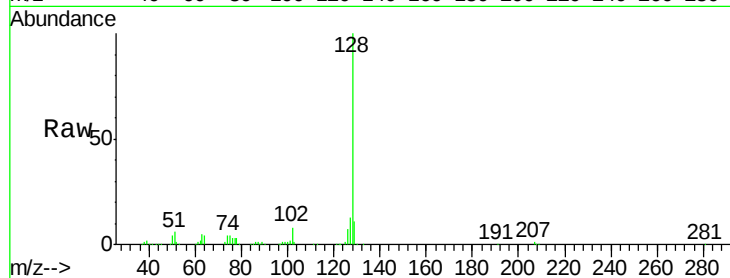
ClientSampleId :

VN0602WBS01

Tot Ion:	128	Resp:	256783
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.0	15.0
129	10.7	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
6/3/2020 11:32:19 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.432 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061611.D

Acq: 2 Jun 2020 11:21

Tgt Ion:	180	Resp:	89872
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.1	141.3
145	32.9	16.3	48.9

