

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
 Data File : VN061554.D
 Acq On : 29 May 2020 1:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/29/2020 5:50:36 PM

Quant Time: May 29 02:45:01 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	7.63	168	326655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	566921	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	539258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	273455	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	214236	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	
35) Dibromofluoromethane	7.55	113	150279	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	10.06	98	719707	54.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.00%	
62) 4-Bromofluorobenzene	12.38	95	260860	53.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	180979	48.032	ug/l	97
3) Chloromethane	2.03	50	207971	52.200	ug/l	99
4) Vinyl Chloride	2.16	62	288911	52.917	ug/l	99
5) Bromomethane	2.53	94	167378	53.427	ug/l	99
6) Chloroethane	2.67	64	182103	51.819	ug/l	99
7) Trichlorofluoromethane	2.98	101	366121	52.002	ug/l	99
8) Diethyl Ether	3.37	74	101885	47.326	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	152270	48.738	ug/l	98
10) Methyl Iodide	3.91	142	205311	47.339	ug/l	99
11) Tert butyl alcohol	4.73	59	123768	239.088	ug/l	100
12) 1,1-Dichloroethene	3.69	96	158923	47.612	ug/l	98
13) Acrolein	3.57	56	31698	205.980	ug/l	96
14) Allyl chloride	4.27	41	210484	48.235	ug/l	100
15) Acrylonitrile	4.93	53	353495	244.648	ug/l	100
16) Acetone	3.77	43	268015	249.871	ug/l	97
17) Carbon Disulfide	4.01	76	354675	48.297	ug/l	100
18) Methyl Acetate	4.28	43	167393	47.512	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	554804	48.771	ug/l	99
20) Methylene Chloride	4.50	84	185115	52.415	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	182859	48.578	ug/l	98
22) Diisopropyl ether	5.90	45	481221	50.035	ug/l	99
23) Vinyl Acetate	5.84	43	1854408	241.912	ug/l	100
24) 1,1-Dichloroethane	5.80	63	298934	49.015	ug/l	99
25) 2-Butanone	6.79	43	439546	238.304	ug/l	98
26) 2,2-Dichloropropane	6.78	77	226136	40.511	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	211553	49.632	ug/l	99
28) Bromochloromethane	7.15	49	129839	56.902	ug/l	97
29) Tetrahydrofuran	7.17	42	293718	241.489	ug/l	100
30) Chloroform	7.33	83	337053	49.954	ug/l	98
31) Cyclohexane	7.61	56	269691	49.169	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	308995	50.259	ug/l	100
36) 1,1-Dichloropropene	7.75	75	248826	49.579	ug/l	98
37) Ethyl Acetate	6.88	43	197240	48.795	ug/l	99
38) Carbon Tetrachloride	7.73	117	246240	50.866	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	307062	49.639	ug/l	98
40) Benzene	8.00	78	753655	48.670	ug/l	100
41) Methacrylonitrile	7.13	41	87127m	47.045	ug/l	
42) 1,2-Dichloroethane	8.09	62	252553	48.716	ug/l	99
43) Isopropyl Acetate	8.13	43	343786	47.272	ug/l	99
44) Trichloroethene	8.80	130	231109	48.563	ug/l	99
45) 1,2-Dichloropropane	9.09	63	179513	48.820	ug/l	98
46) Dibromomethane	9.18	93	135530	48.059	ug/l	97
47) Bromodichloromethane	9.37	83	280962	50.287	ug/l	99
48) Methyl methacrylate	9.17	41	149306	45.632	ug/l	98
49) 1,4-Dioxane	9.17	88	47419	935.494	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	984705	240.276	ug/l	100
52) Toluene	10.13	92	506328	50.097	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	287991	47.848	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	307933	47.582	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	194781	48.373	ug/l	98
56) Ethyl methacrylate	10.40	69	279300	49.655	ug/l	100
57) 1,3-Dichloropropane	10.68	76	318076	49.390	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	613483	255.219	ug/l	99
59) 2-Hexanone	10.72	43	706015	239.878	ug/l	100
60) Dibromochloromethane	10.88	129	227317	49.657	ug/l	99
61) 1,2-Dibromoethane	10.98	107	211810	50.436	ug/l	98
64) Tetrachloroethene	10.60	164	251028	49.453	ug/l	98
65) Chlorobenzene	11.41	112	547174	48.815	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	206904	49.573	ug/l	99
67) Ethyl Benzene	11.48	91	968888	50.010	ug/l	99
68) m/p-Xylenes	11.60	106	759906	98.923	ug/l	100
69) o-Xylene	11.92	106	365174	50.050	ug/l	99
70) Styrene	11.94	104	618626	51.199	ug/l	99
71) Bromoform	12.10	173	154711	48.105	ug/l #	97
73) Isopropylbenzene	12.22	105	972392	48.720	ug/l	99
74) N-amyl acetate	12.05	43	302624	48.147	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	252256	45.102	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	222924m	44.832	ug/l	
77) Bromobenzene	12.50	156	240153	47.139	ug/l	97
78) n-propylbenzene	12.57	91	1090499	48.942	ug/l	99
79) 2-Chlorotoluene	12.65	91	634941	47.790	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	816806	48.964	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	83127	42.751	ug/l	98
82) 4-Chlorotoluene	12.75	91	669476	47.898	ug/l	100
83) tert-Butylbenzene	12.97	119	697518	47.324	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	825774	49.829	ug/l	99
85) sec-Butylbenzene	13.15	105	927699	48.845	ug/l	99
86) p-Isopropyltoluene	13.26	119	867900	49.621	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	438271	48.581	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	438528	47.716	ug/l	99
89) n-Butylbenzene	13.59	91	728281	49.712	ug/l	99
90) Hexachloroethane	13.85	117	101108	52.271	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	418552	48.548	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	50379	44.166	ug/l	99

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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	244733	48.537	ug/l	99
94) Hexachlorobutadiene	14.98	225	97130	45.168	ug/l	99
95) Naphthalene	15.10	128	750546	48.905	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	238299	48.068	ug/l	99

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

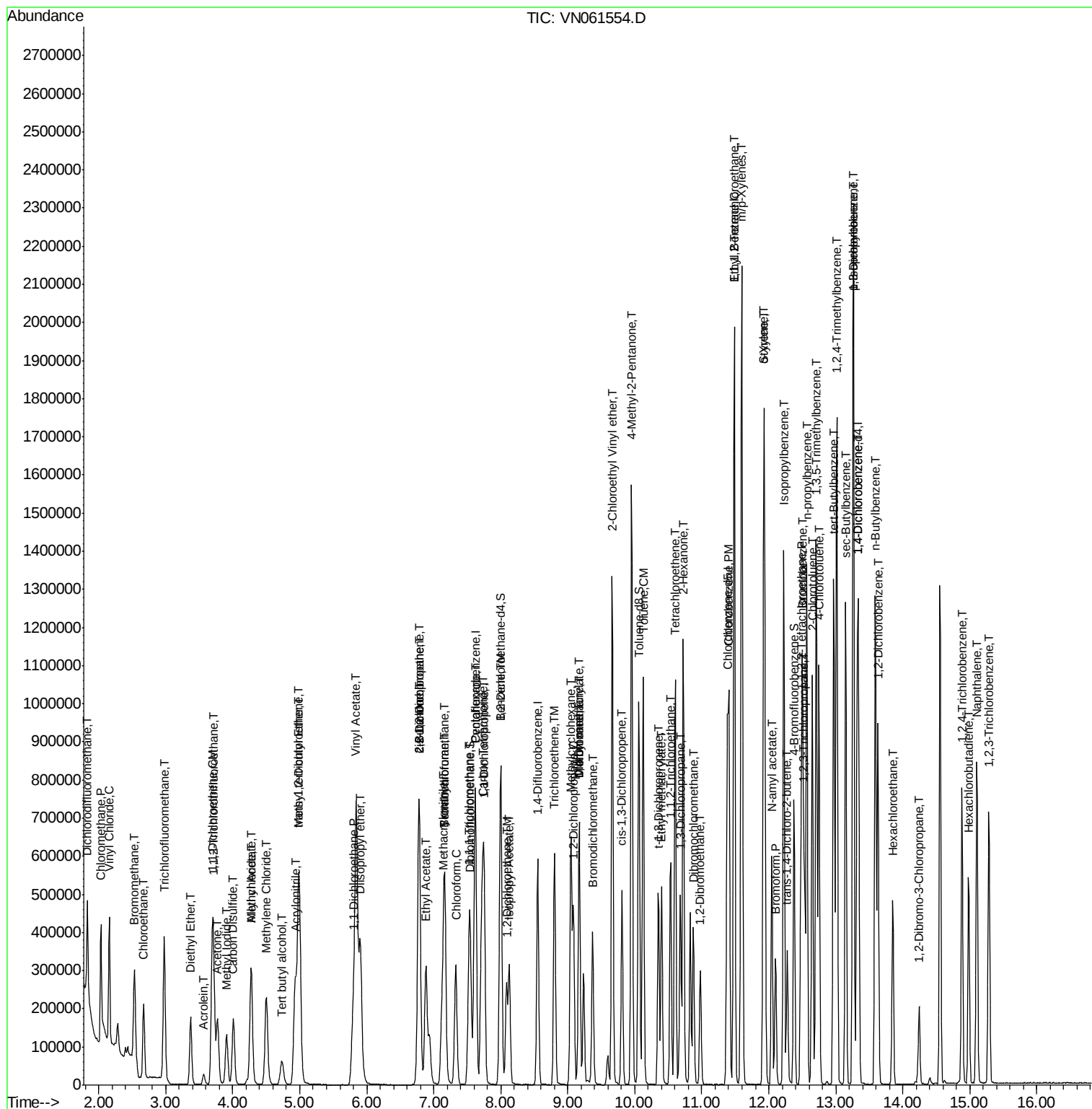
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052820\
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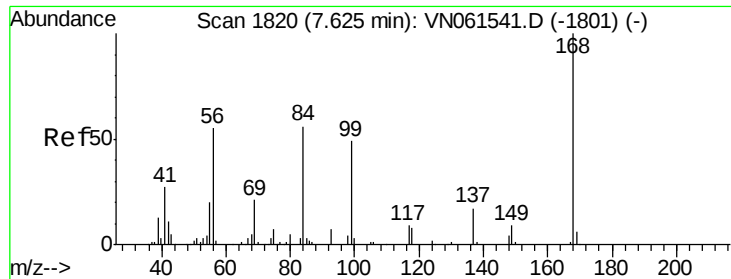
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 326655

Ion Ratio Lower Upper

168 100

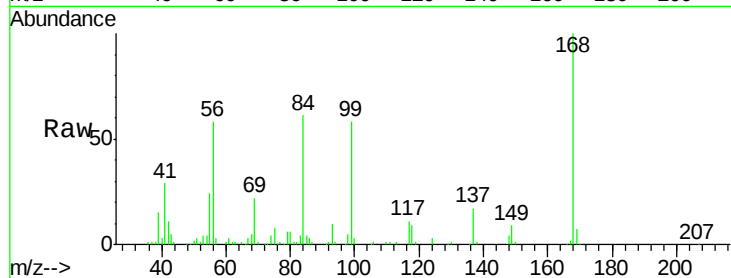
99 58.2 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

100000

50000

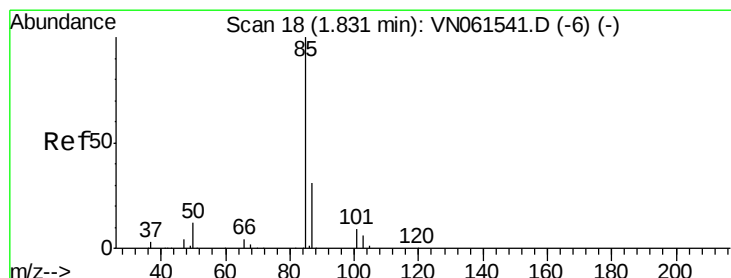
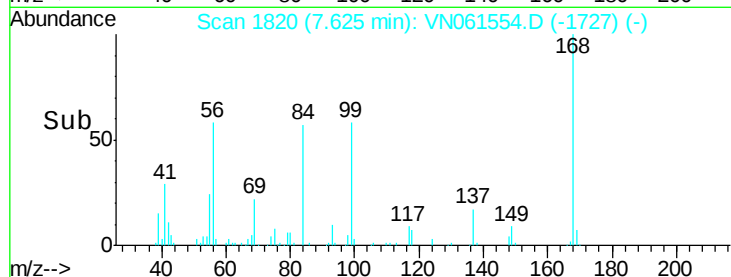
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.032 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061554.D

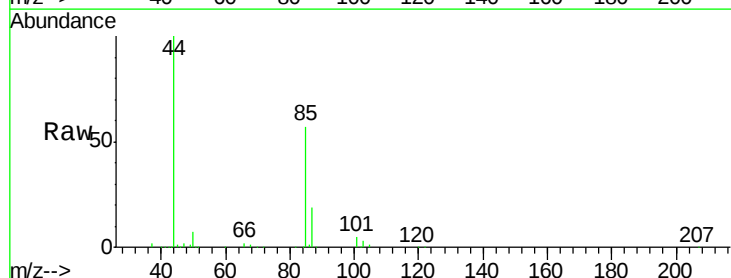
Acq: 29 May 2020 1:10

Tgt Ion: 85 Resp: 180979

Ion Ratio Lower Upper

85 100

87 32.8 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

100000

50000

0

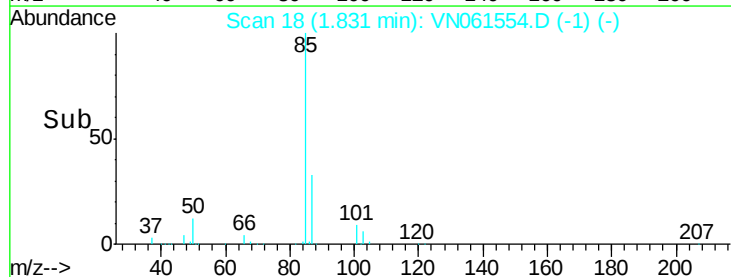
1.75

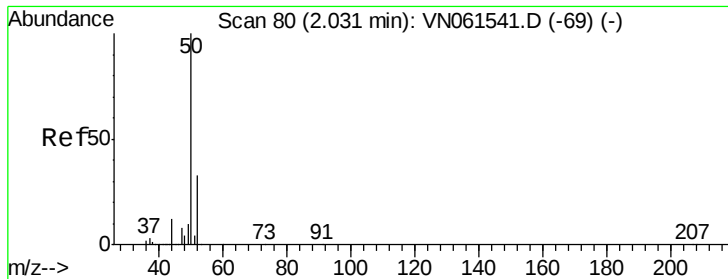
1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 52.200 ug/l

RT: 2.03 min Scan# 80

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 207971

Ion Ratio Lower Upper

50 100

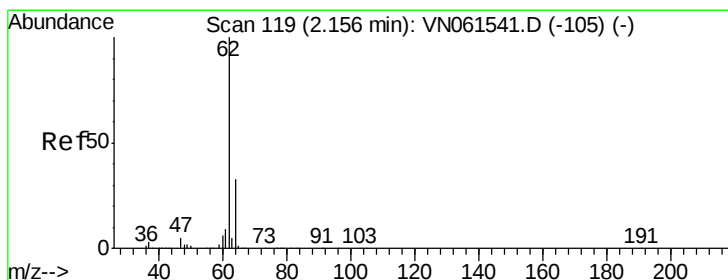
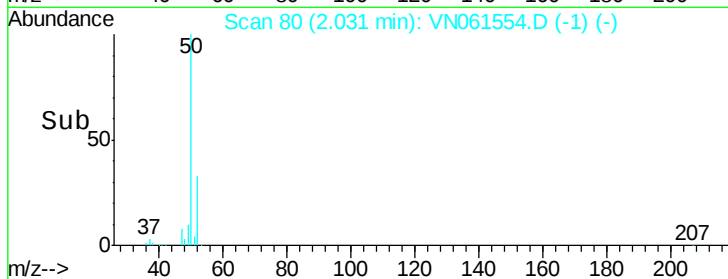
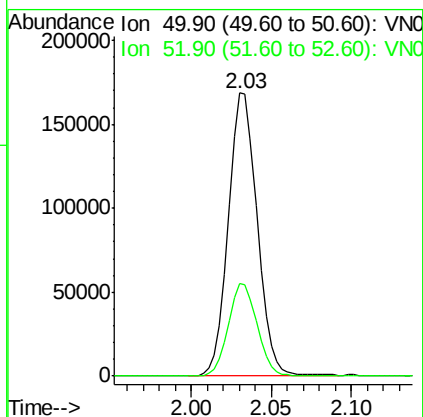
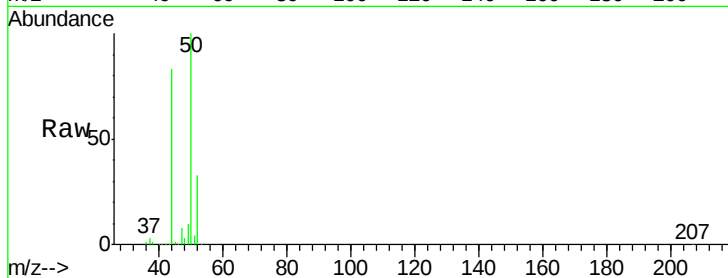
52 32.7 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.917 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061554.D

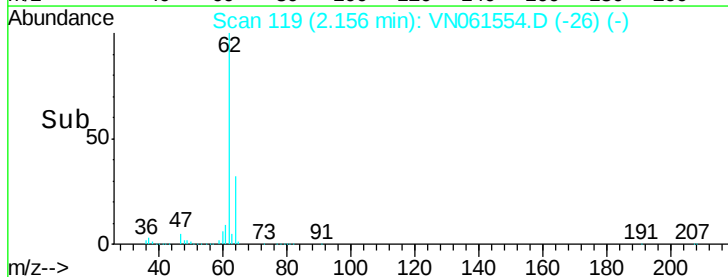
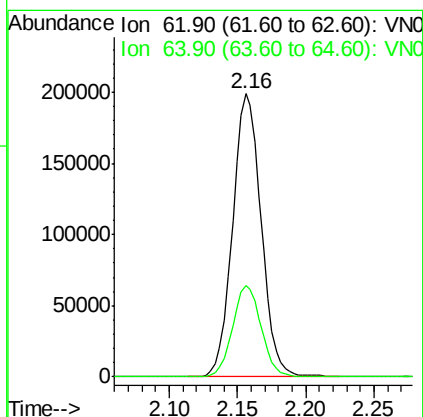
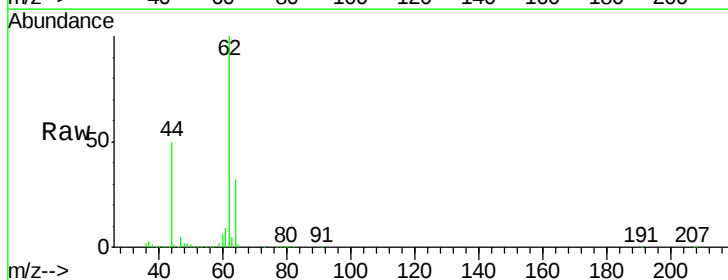
Acq: 29 May 2020 1:10

Tgt Ion: 62 Resp: 288911

Ion Ratio Lower Upper

62 100

64 32.3 26.2 39.2





#5

Bromomethane

Concen: 53.427 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 167378

Ion Ratio Lower Upper

94 100

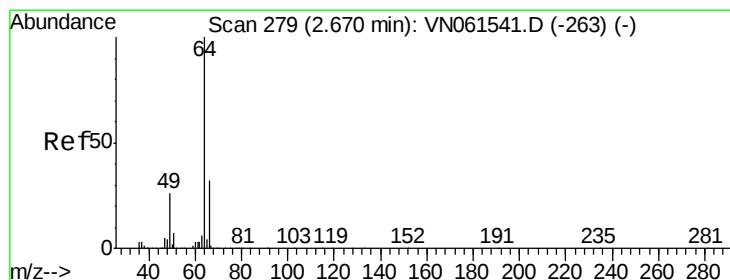
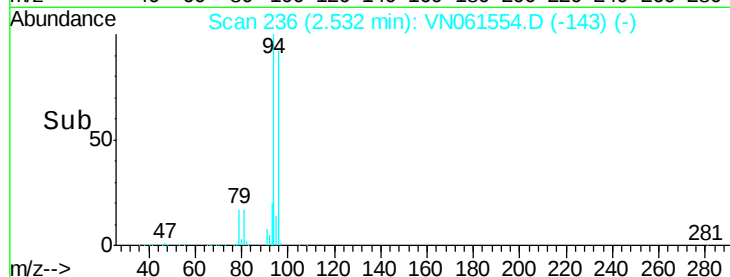
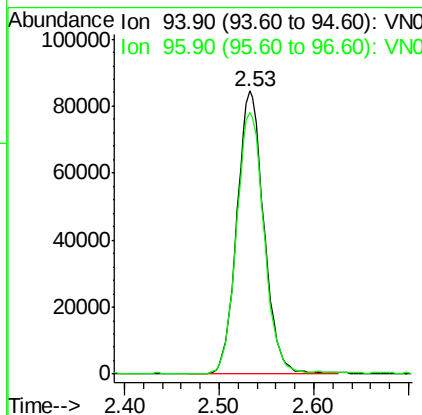
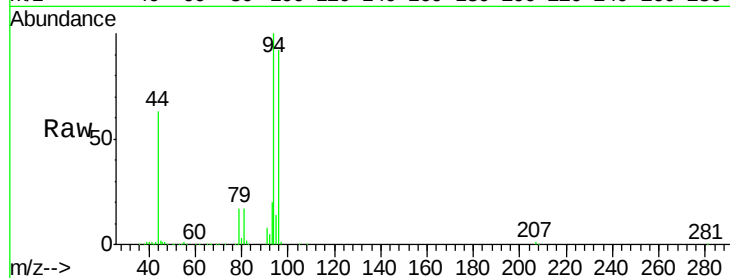
96 92.2 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 51.819 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061554.D

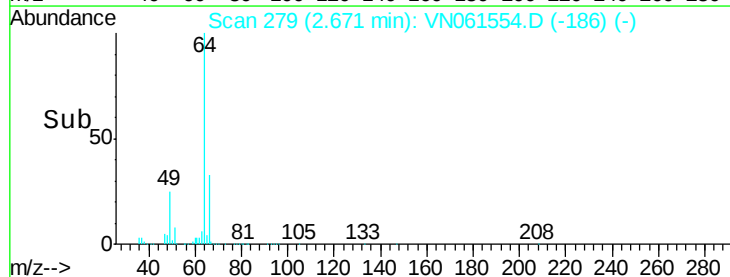
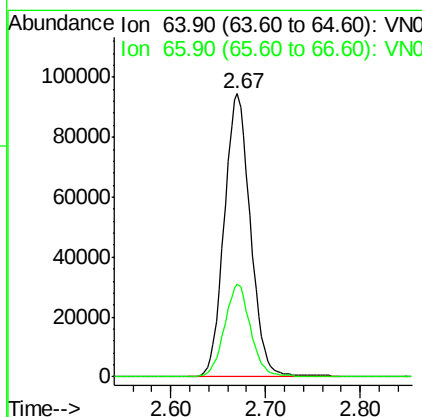
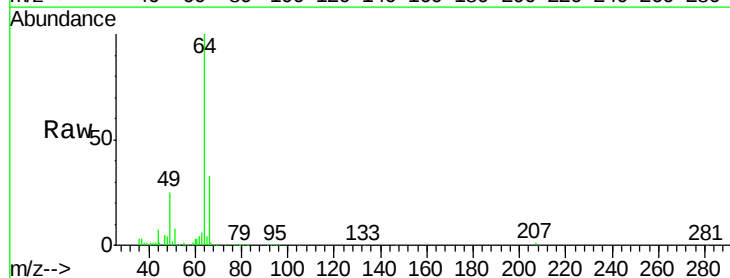
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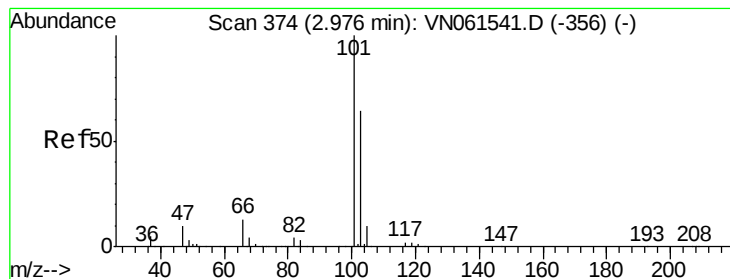
Tgt Ion: 64 Resp: 182103

Ion Ratio Lower Upper

64 100

66 32.6 25.6 38.4





#7

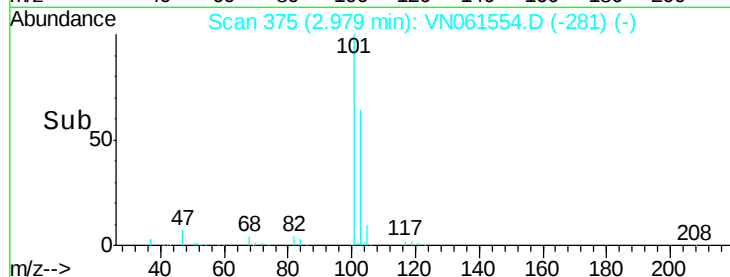
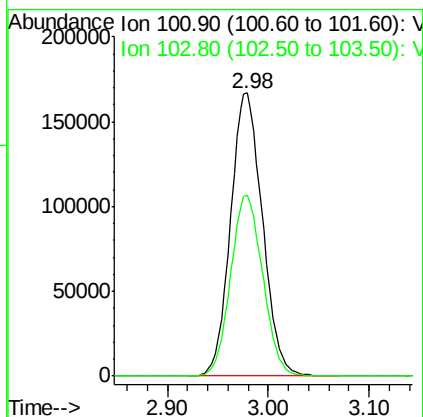
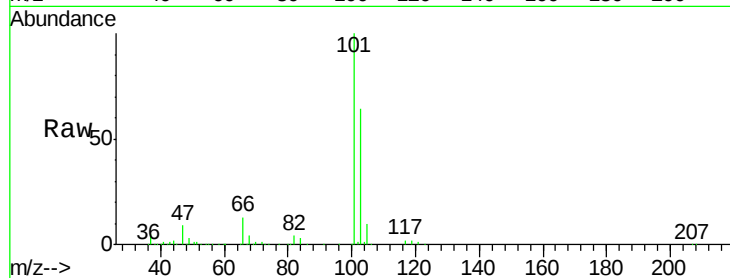
Trichlorofluoromethane
Concen: 52.002 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		366121		
103	63.8	51.4	77.2		

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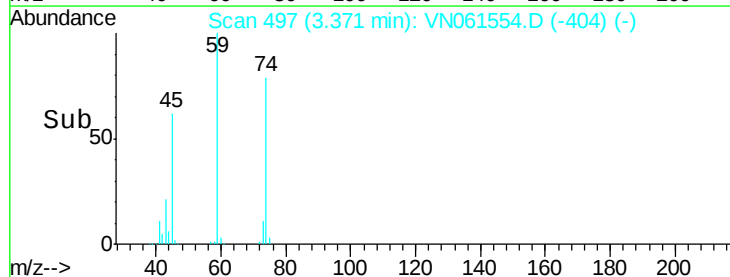
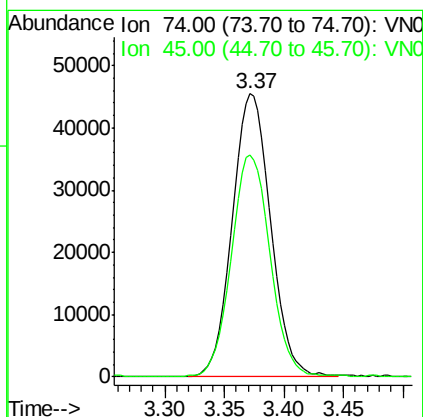
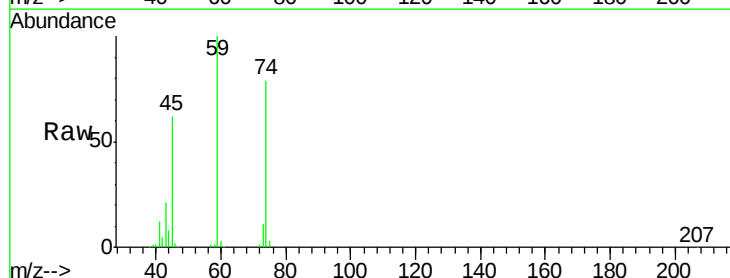
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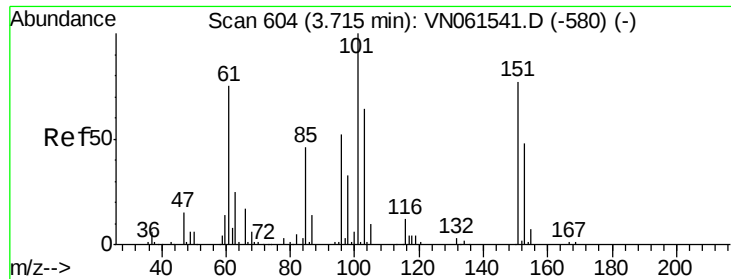


#8

Diethyl Ether
Concen: 47.326 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		101885		
45	79.0	39.9	119.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.738 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

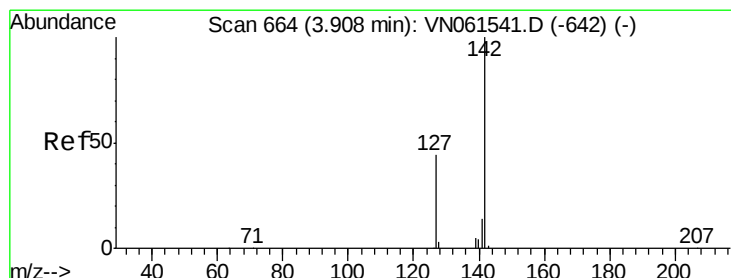
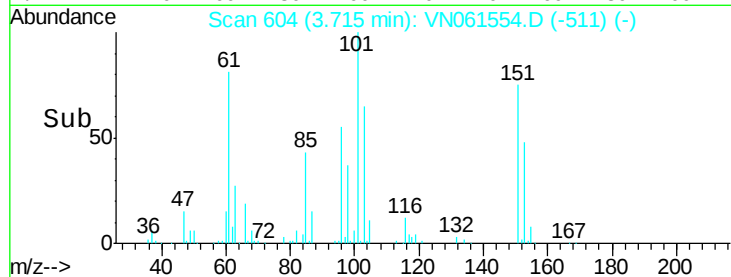
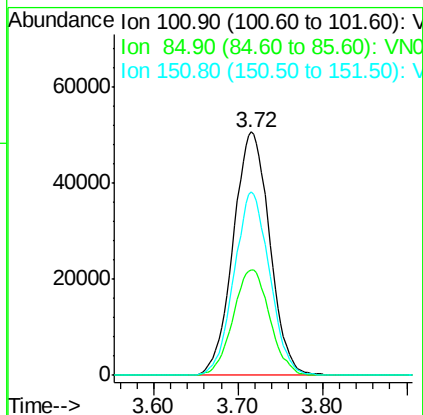
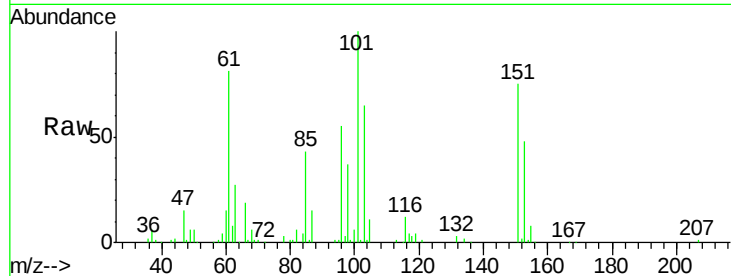
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	152270
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.2	52.8
151	73.4	61.0	91.6

Manual Integrations
APPROVED

MMDadoda
5/29/2020 5:50:36 PM



#10

Methyl Iodide

Concen: 47.339 ug/l

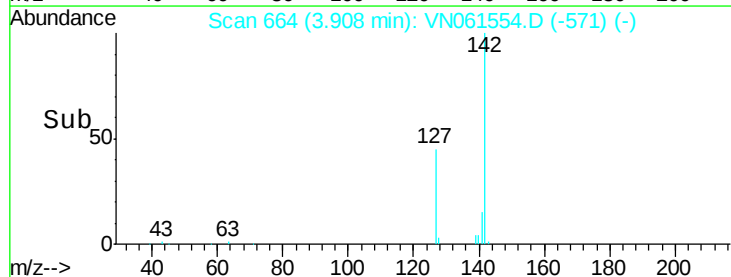
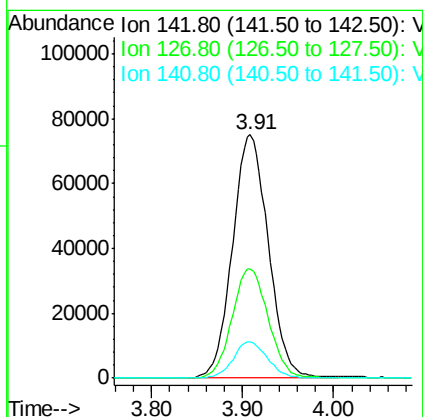
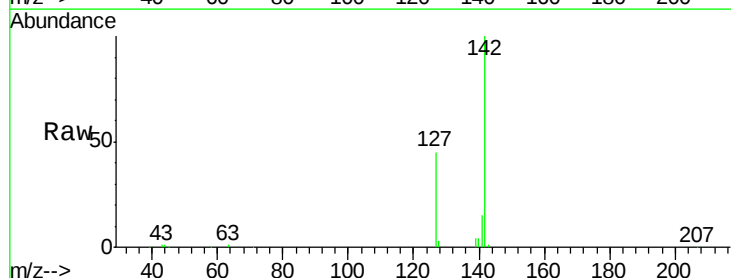
RT: 3.91 min Scan# 664

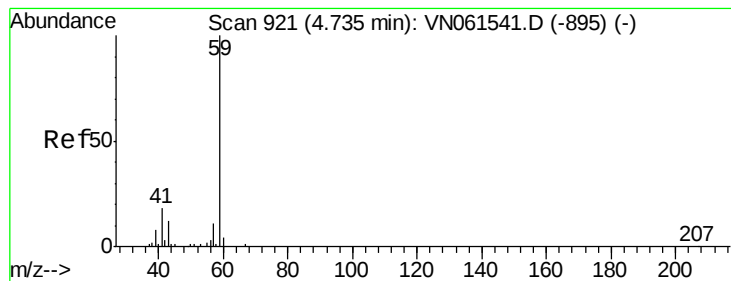
Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion:	142	Resp:	205311
Ion Ratio	Lower	Upper	
142	100		
127	45.6	35.5	53.3
141	14.4	11.5	17.3





#11

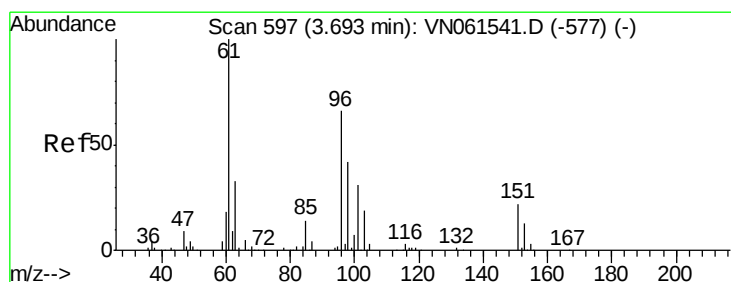
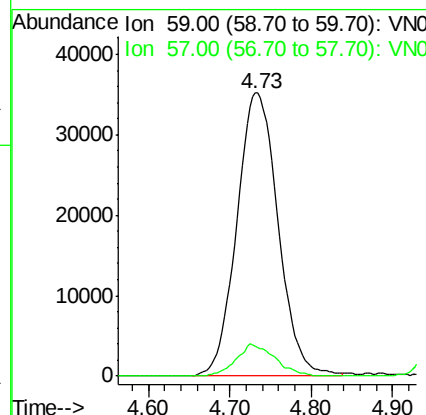
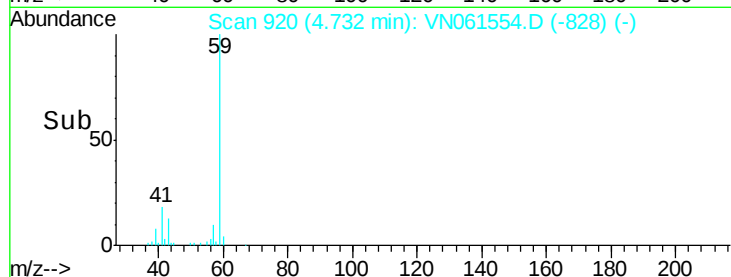
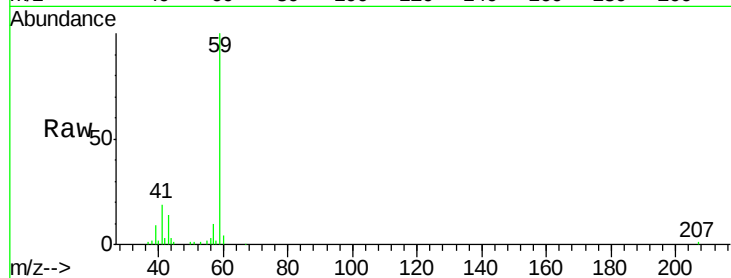
Tert butyl alcohol
Concen: 239.088 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.4	12.6

Manual Integrations
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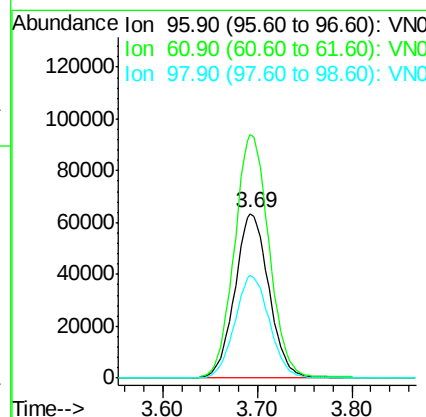
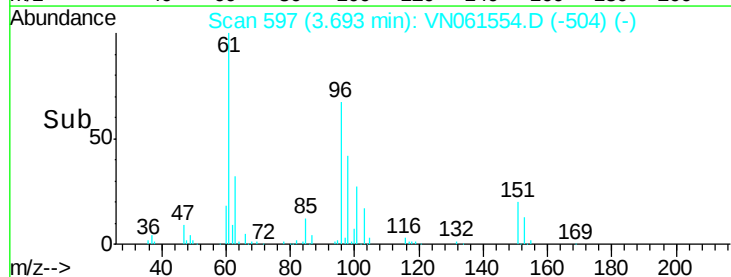
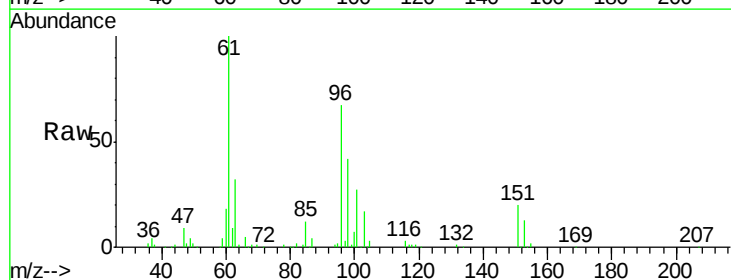
MMDadoda
5/29/2020 5:50:36 PM

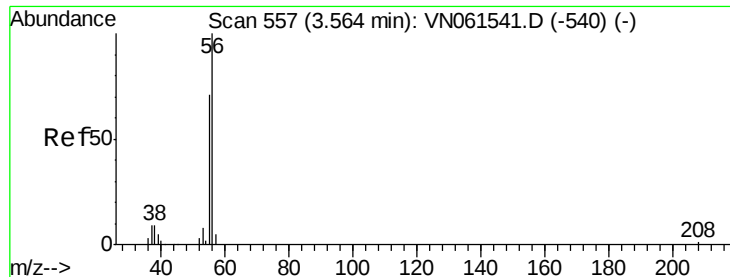


#12

1,1-Dichloroethene
Concen: 47.612 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.2	120.5	180.7
98	62.4	50.8	76.2





#13

Acrolein

Concen: 205.980 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 31698

Ion Ratio Lower Upper

56 100

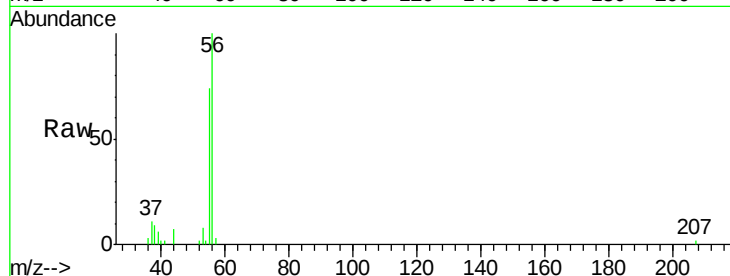
55 69.4 58.0 87.0

Manual Integrations

APPROVED

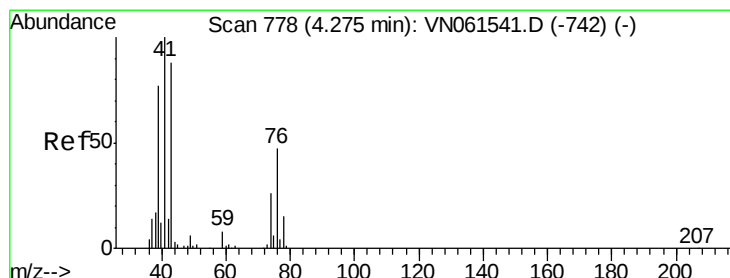
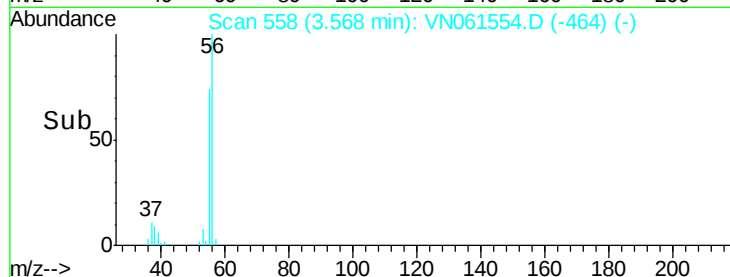
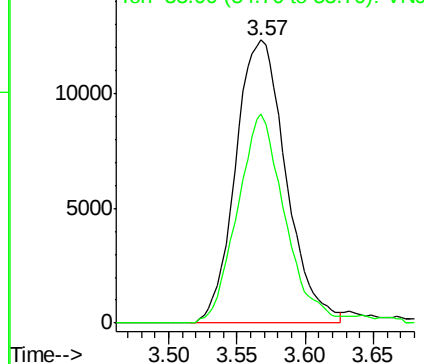
MMDadoda

5/29/2020 5:50:36 PM



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.235 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

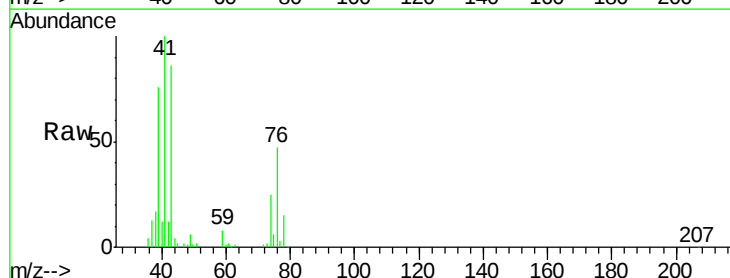
Tgt Ion: 41 Resp: 210484

Ion Ratio Lower Upper

41 100

39 73.4 58.6 88.0

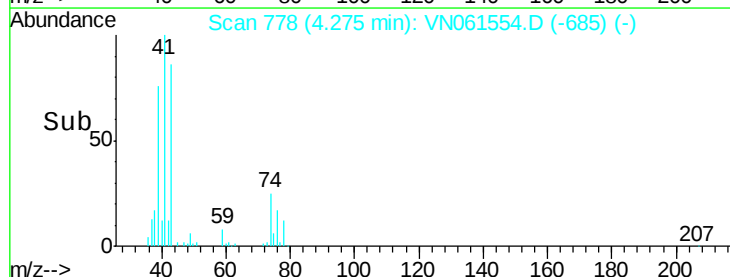
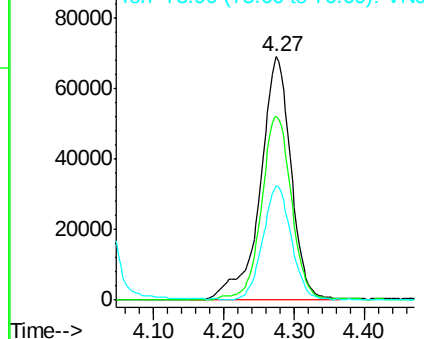
76 42.2 34.2 51.4

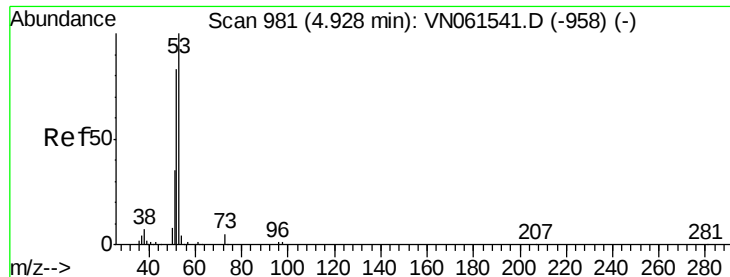


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 244.648 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

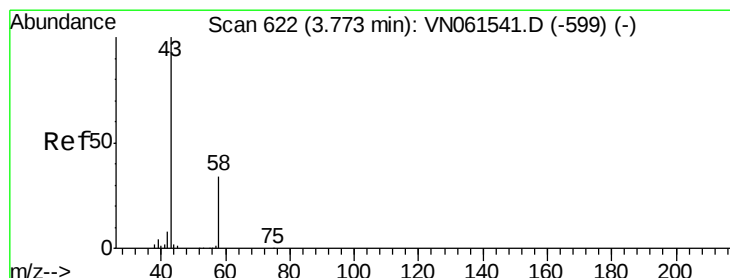
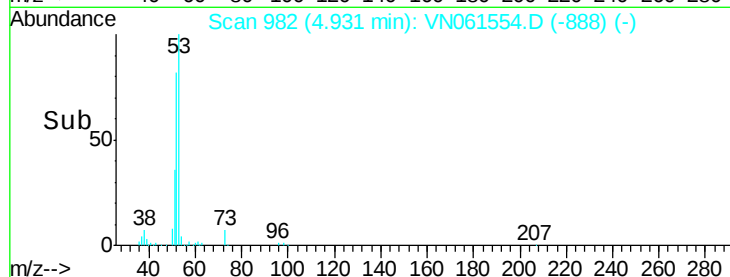
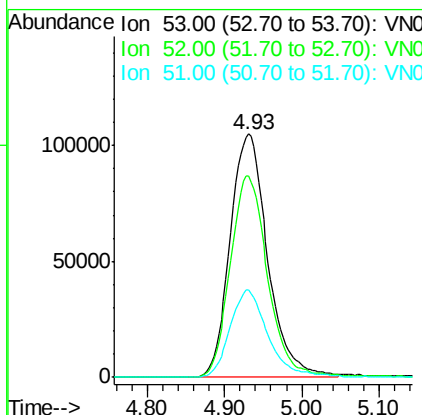
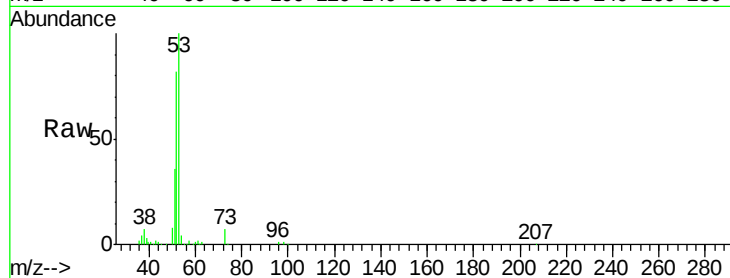
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	353495
Ion Ratio	Lower	Upper	
53	100		
52	81.9	65.4	98.2
51	36.4	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 249.871 ug/l

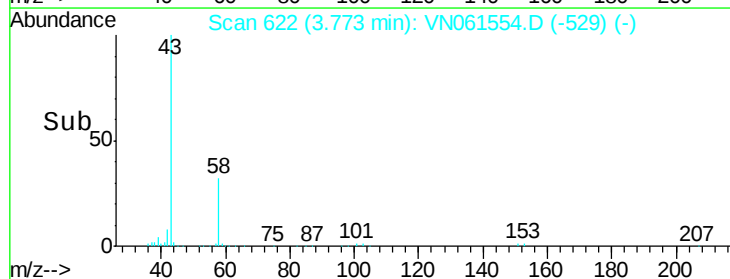
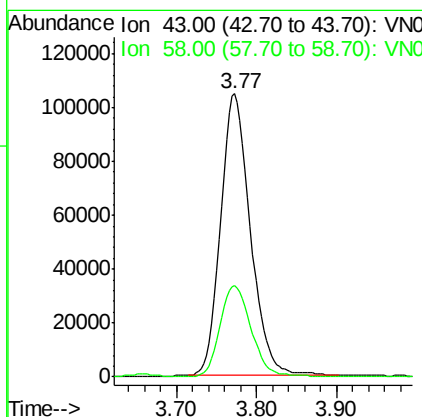
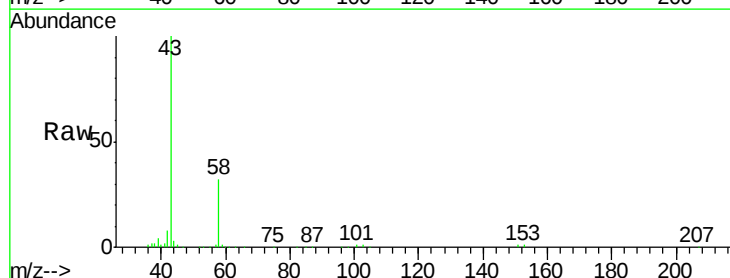
RT: 3.77 min Scan# 622

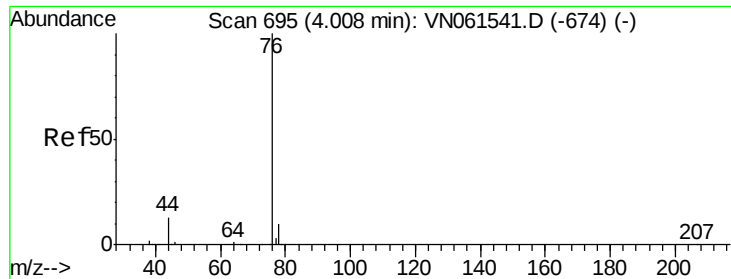
Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion:	43	Resp:	268015
Ion Ratio	Lower	Upper	
43	100		
58	32.3	27.2	40.8





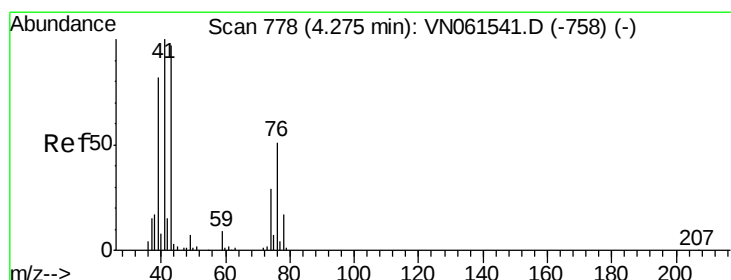
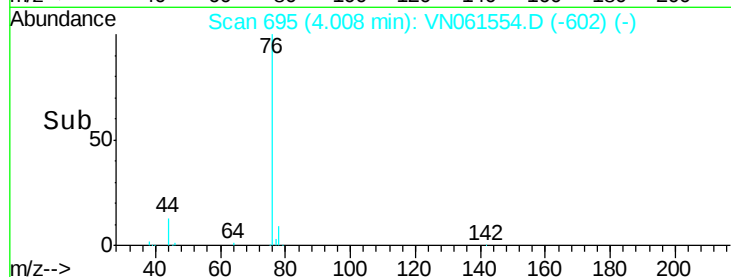
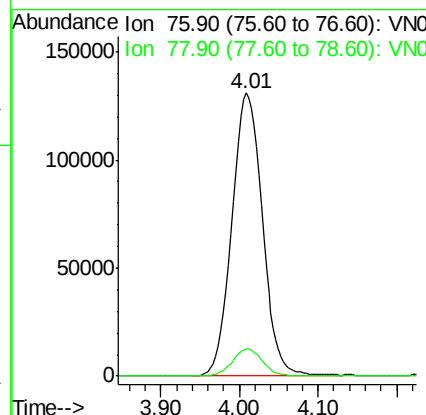
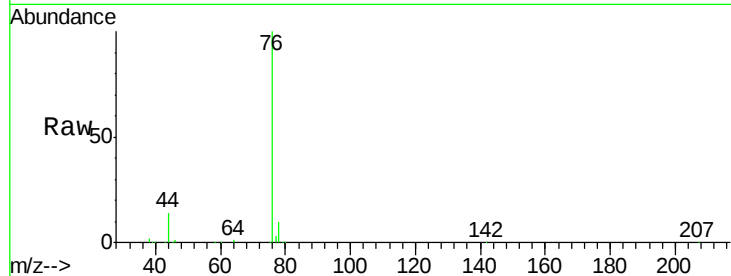
#17
Carbon Disulfide
Concen: 48.297 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.8	11.6

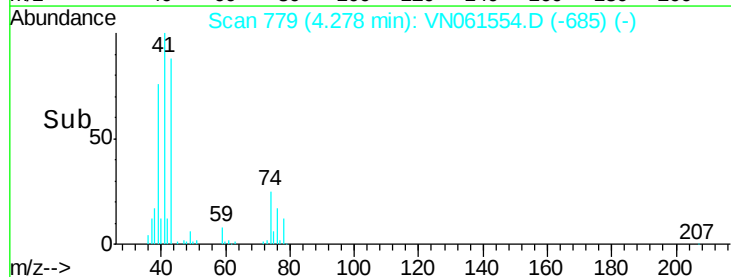
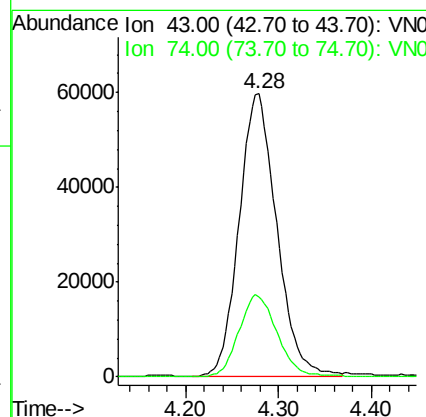
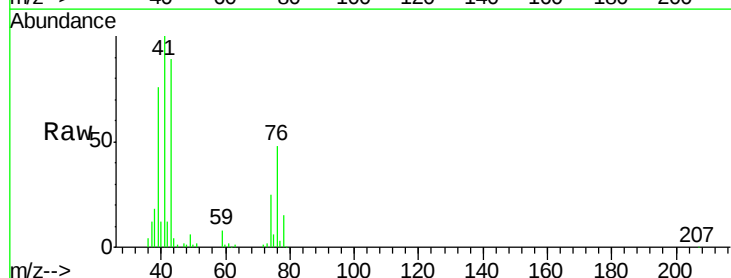
Manual Integrations
APPROVED

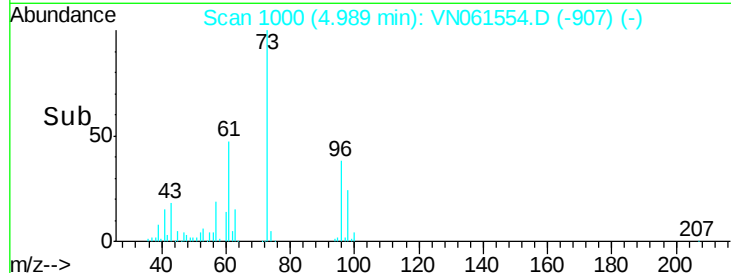
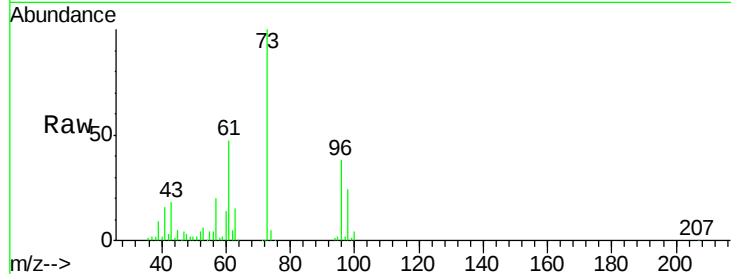
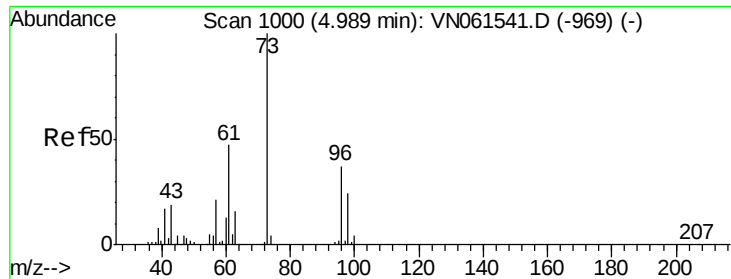
MMDadoda
5/29/2020 5:50:36 PM



#18
Methyl Acetate
Concen: 47.512 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.6	23.2	34.8





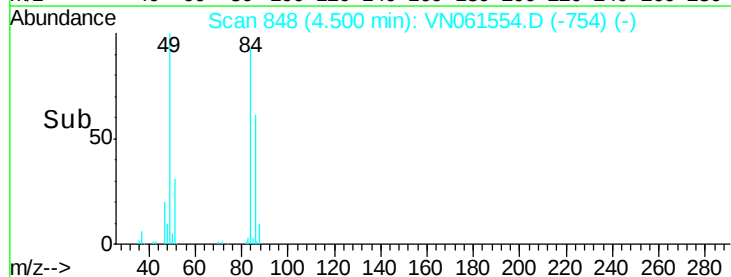
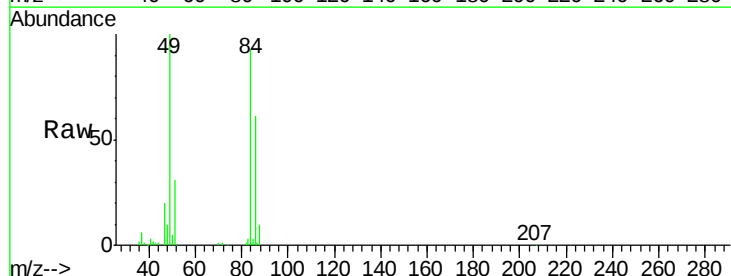
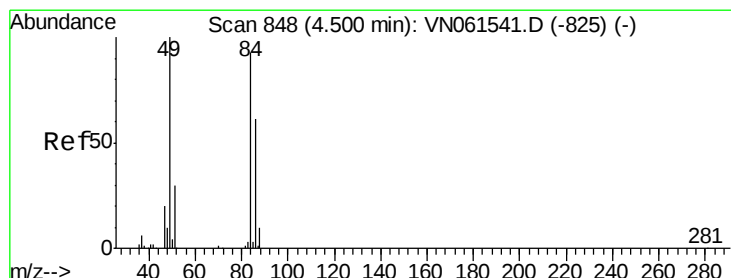
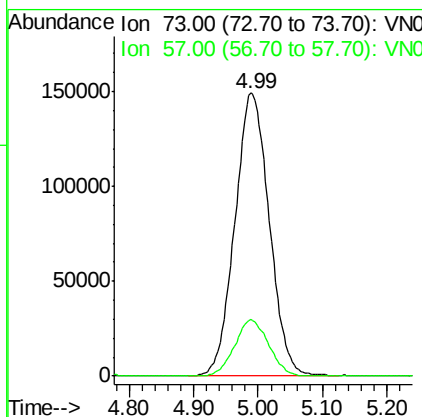
#19
Methvl tert-butvl Ether
Concen: 48.771 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tot Ion: 73 Resp: 554804
Ion Ratio Lower Upper
73 100
57 19.9 16.4 24.6

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

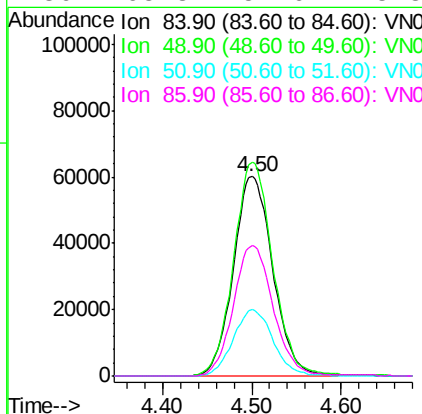
Manual Integrations
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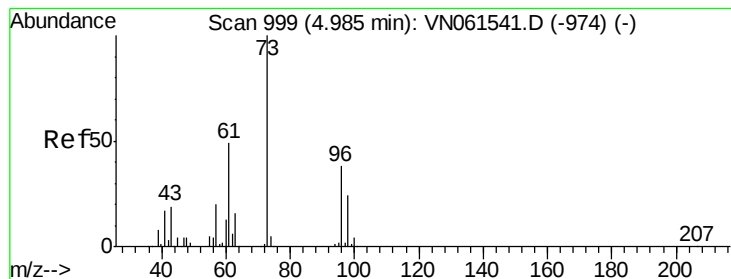
MMDadoda
5/29/2020 5:50:36 PM



#20
Methylene Chloride
Concen: 52.415 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 84 Resp: 185115
Ion Ratio Lower Upper
84 100
49 107.1 85.8 128.8
51 33.6 26.2 39.2
86 65.3 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 48.578 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 182859

Ion Ratio Lower Upper

96 100

61 123.4 101.4 152.0

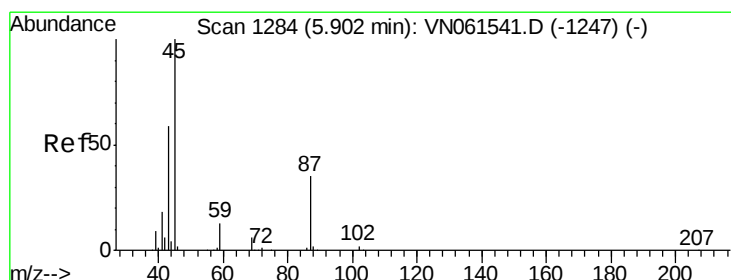
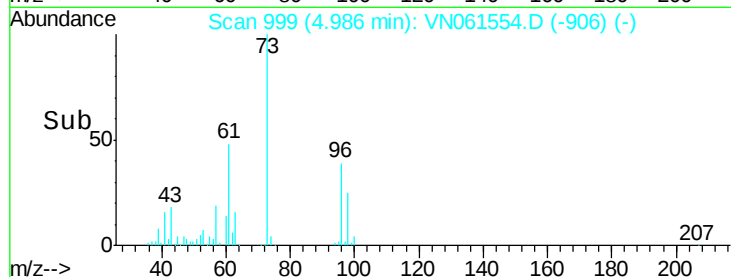
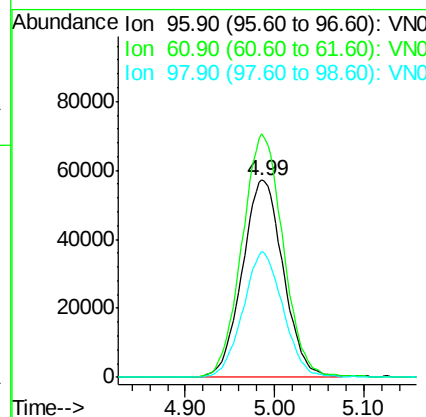
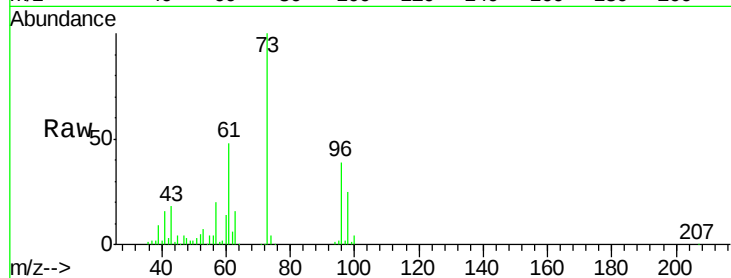
98 63.9 50.6 76.0

Manual Integrations

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MMDadoda

5/29/2020 5:50:36 PM



#22

Diisopropyl ether

Concen: 50.035 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion: 45 Resp: 481221

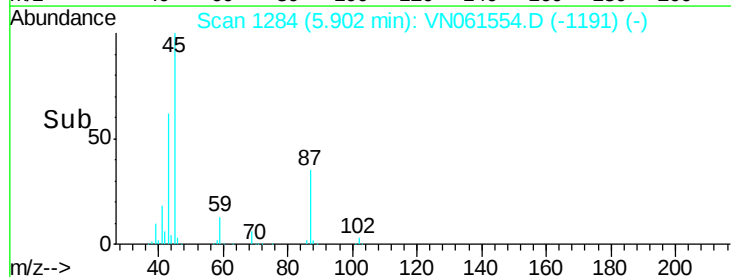
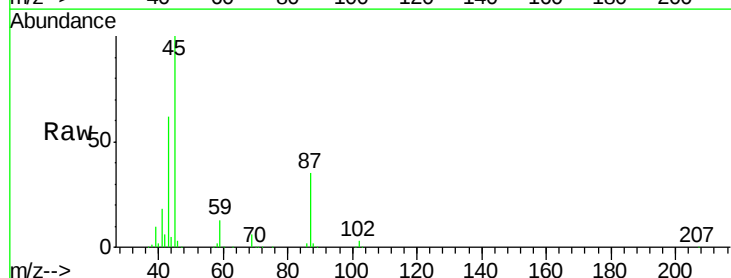
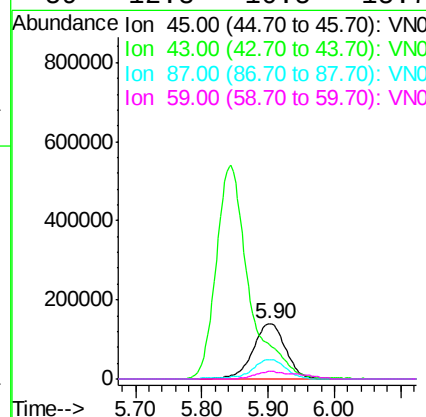
Ion Ratio Lower Upper

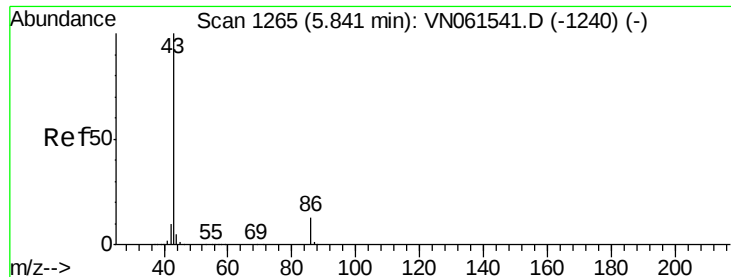
45 100

43 61.0 47.9 71.9

87 35.4 28.4 42.6

59 12.8 10.5 15.7





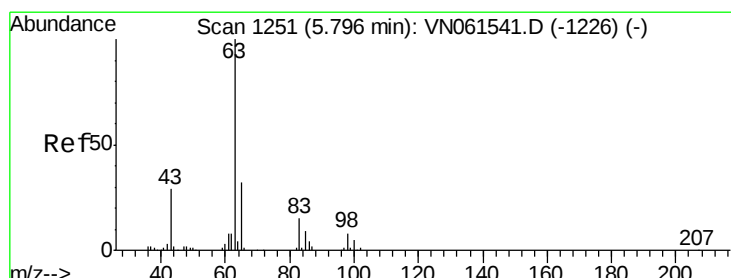
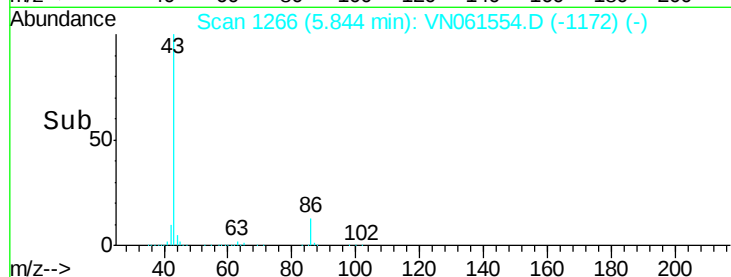
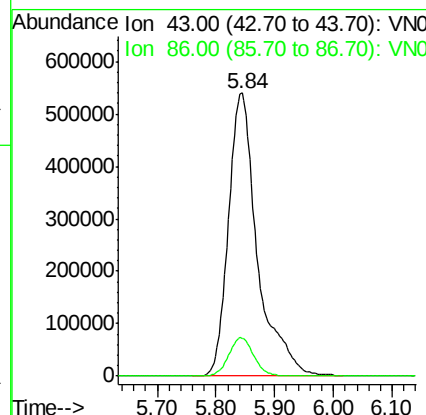
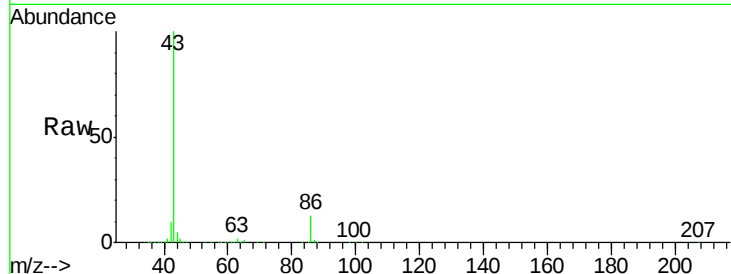
#23
 Vinyl Acetate
 Concen: 241.912 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1854408
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.6 16.0

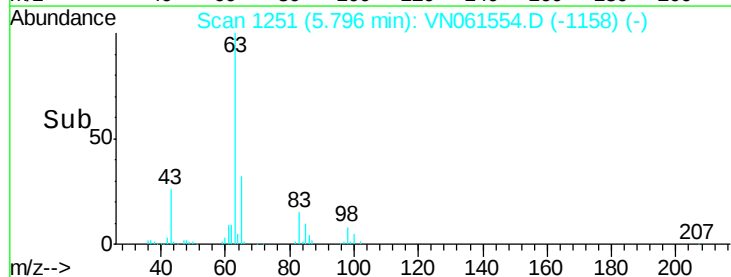
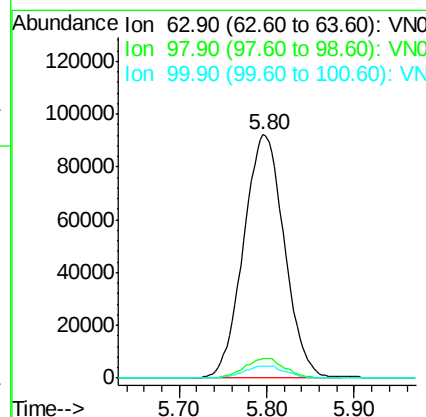
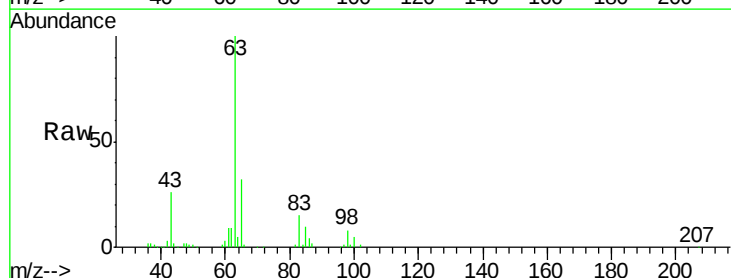
Manual Integrations
 APPROVED

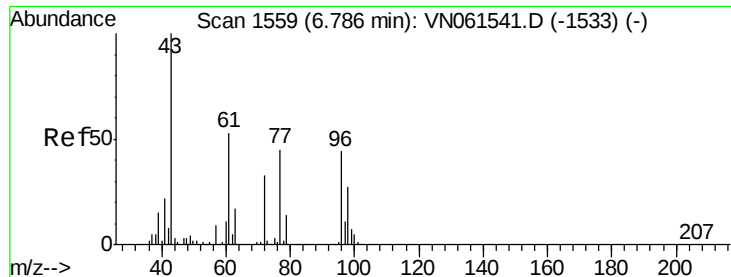
MMDadoda
 5/29/2020 5:50:36 PM



#24
 1,1-Dichloroethane
 Concen: 49.015 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion: 63 Resp: 298934
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.4
 100 4.7 2.5 7.6





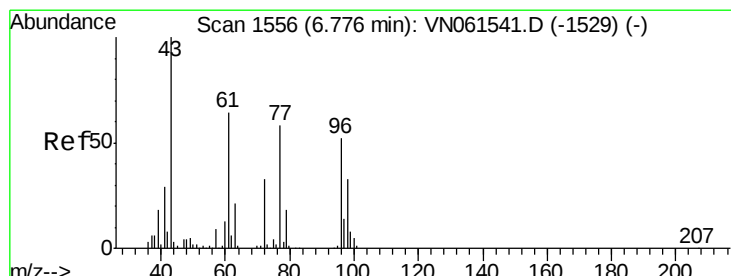
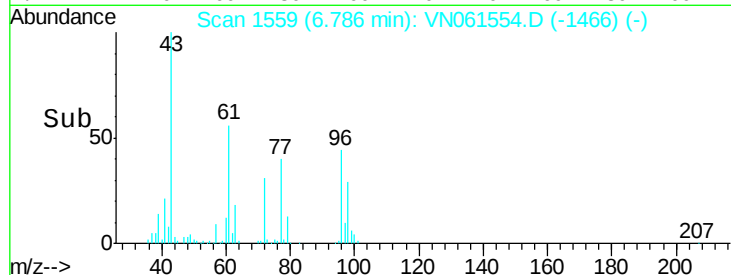
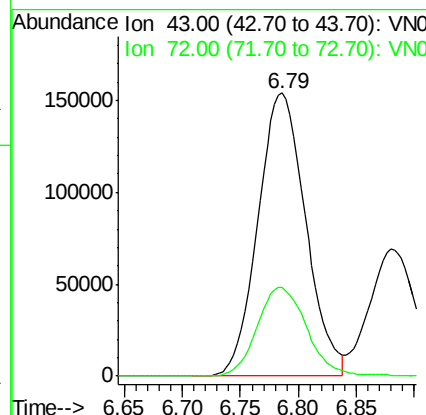
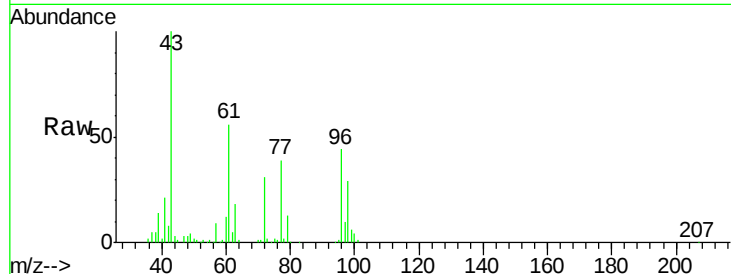
#25
2-Butanone
Concen: 238.304 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 439546
Ion Ratio Lower Upper
43 100
72 31.4 26.0 39.0

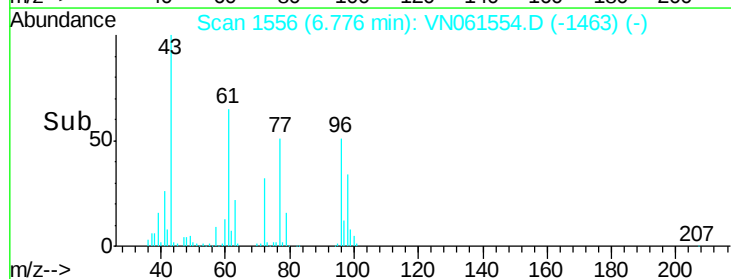
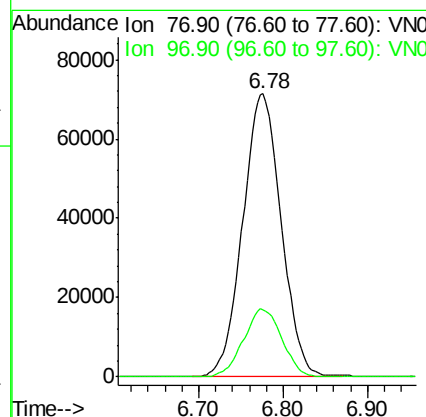
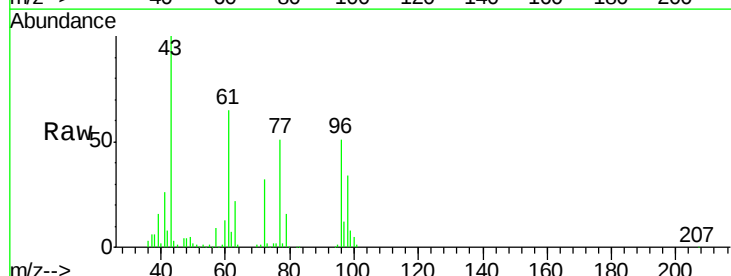
Manual Integrations
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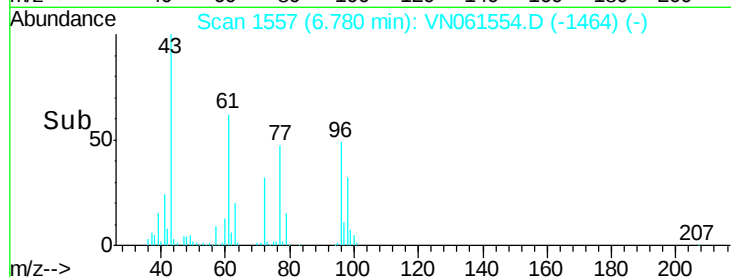
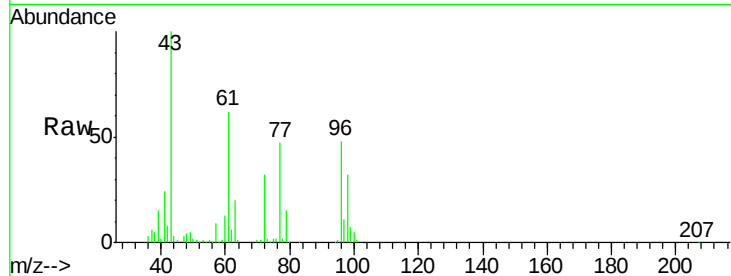
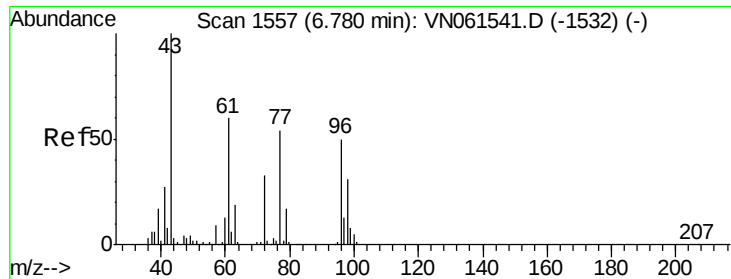
MMDadoda
5/29/2020 5:50:36 PM



#26
2,2-Dichloropropane
Concen: 40.511 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 77 Resp: 226136
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.0





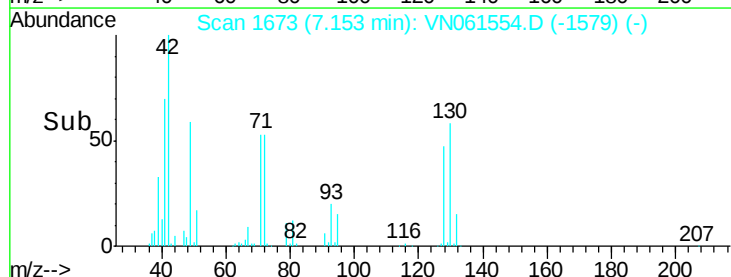
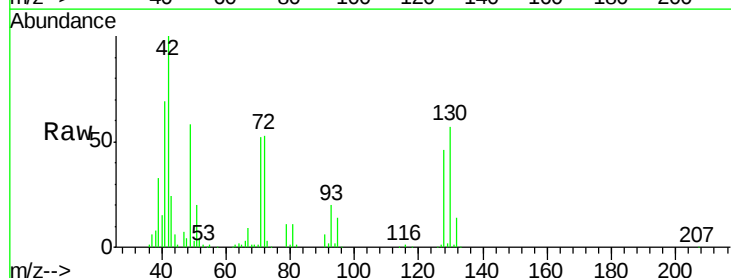
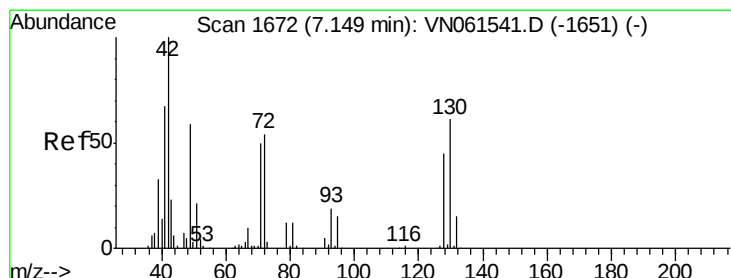
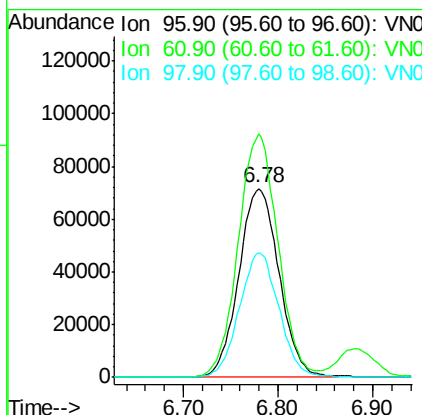
#27
 cis-1,2-Dichloroethene
 Concen: 49.632 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	127.6	0.0	252.2	
98	65.1	0.0	129.2	

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

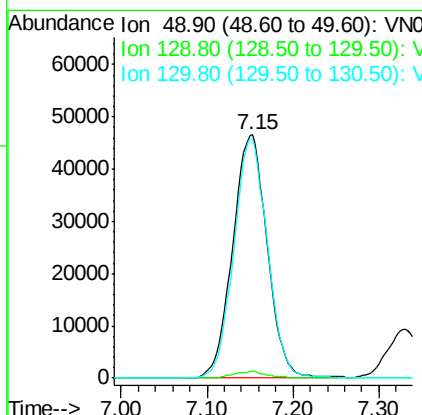
Manual Integrations
 APPROVED

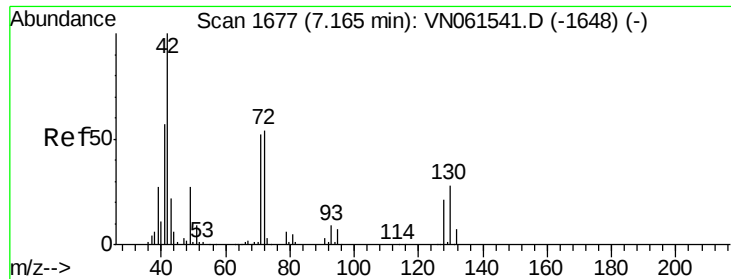
MMDadoda
 5/29/2020 5:50:36 PM



#28
 Bromochloromethane
 Concen: 56.902 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	4.8	
130	95.7	78.8	118.2	





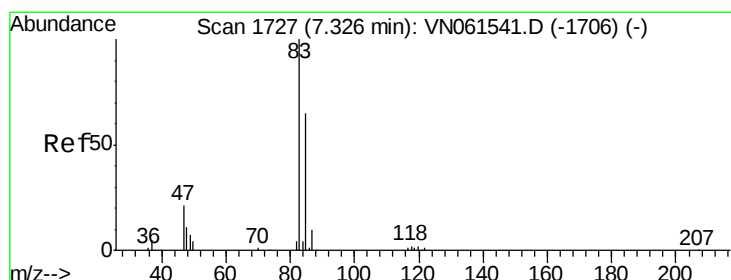
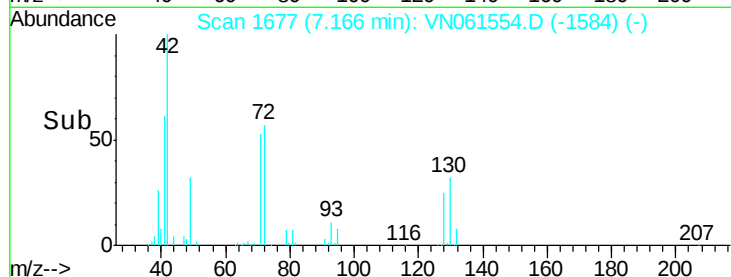
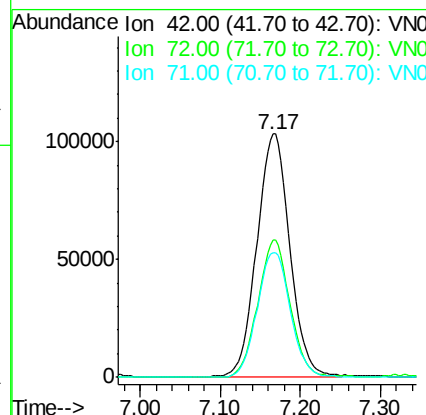
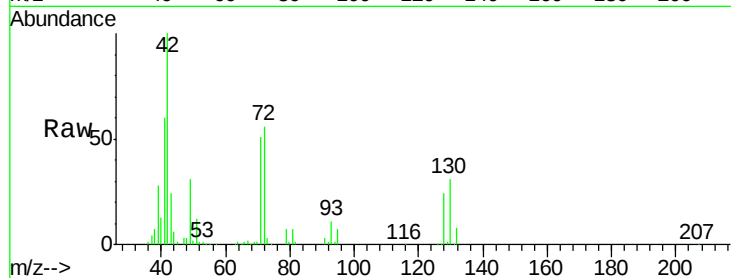
#29
Tetrahydrofuran
Concen: 241.489 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.8	43.6	65.4
71	51.3	41.2	61.8

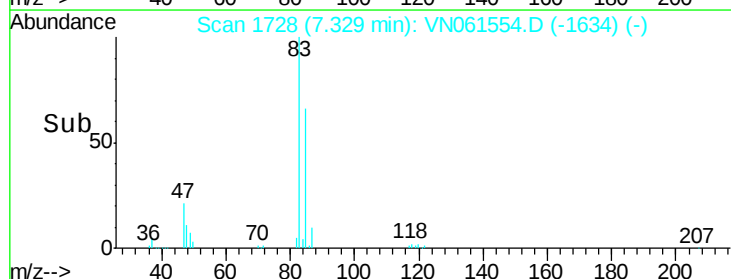
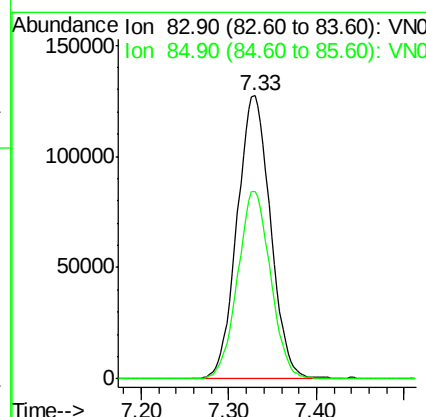
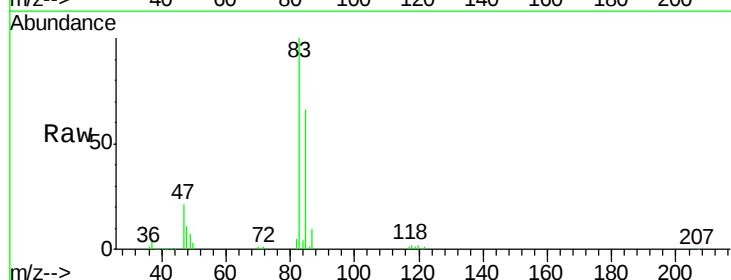
Manual Integrations
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#30
Chloroform
Concen: 49.954 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.7	77.5





#31

Cyclohexane

Concen: 49.169 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

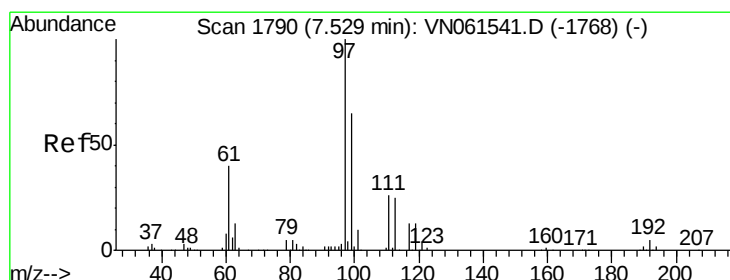
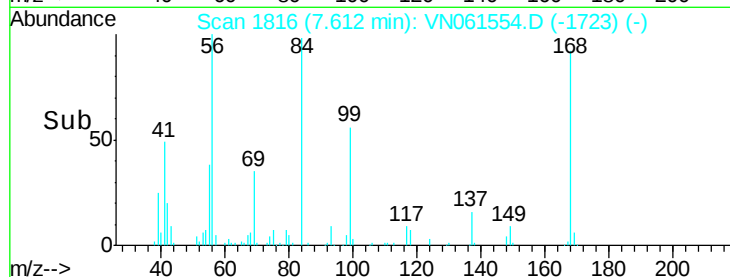
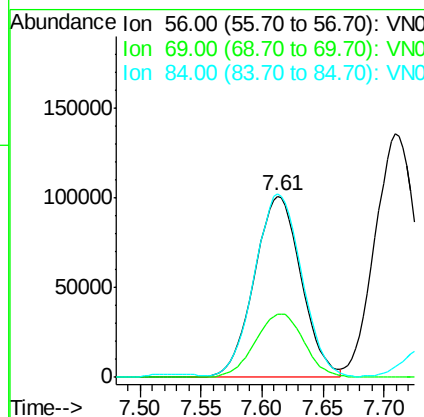
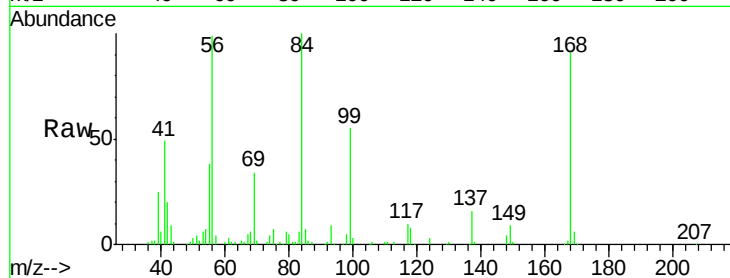
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	269691
Ion	Ratio	Lower	Upper
56	100		
69	34.6	27.8	41.8
84	99.5	79.9	119.9

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#32

1,1,1-Trichloroethane

Concen: 50.259 ug/l

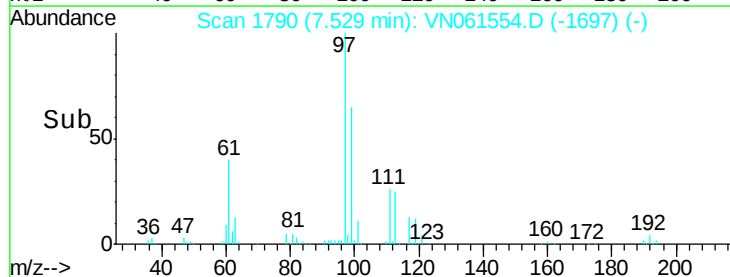
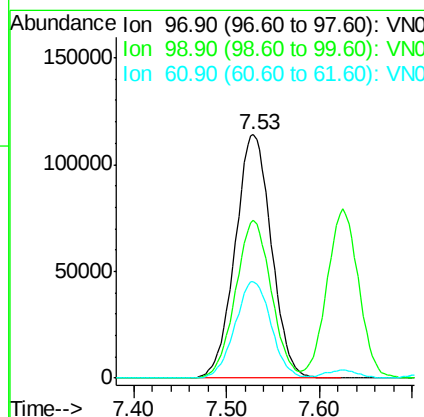
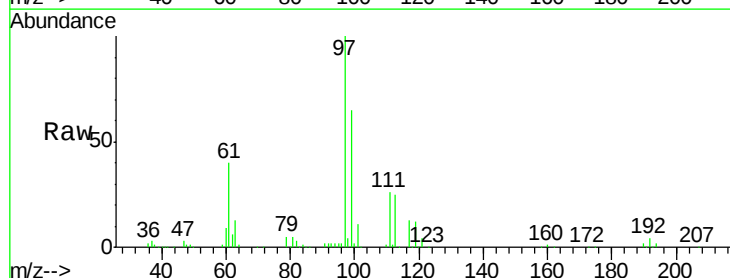
RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion:	97	Resp:	308995
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.4	77.0
61	39.3	31.4	47.0





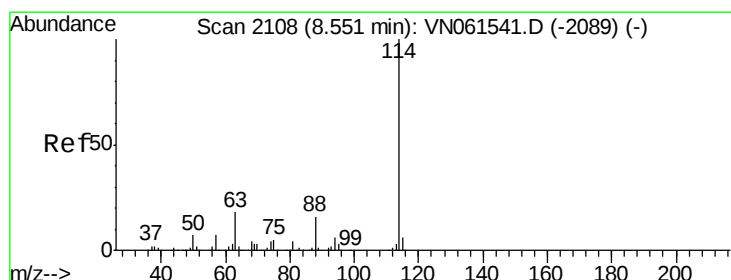
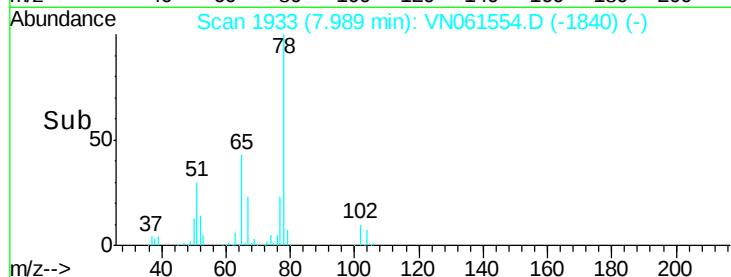
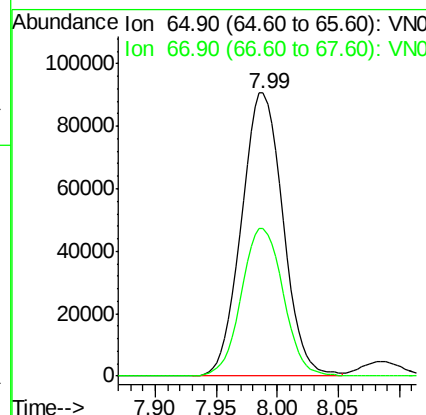
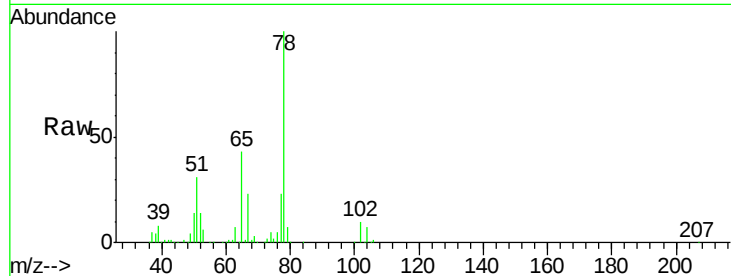
#33
 1,2-Dichloroethane-d4
 Concen: 55.047 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	214236		
67	52.4	0.0	104.8	

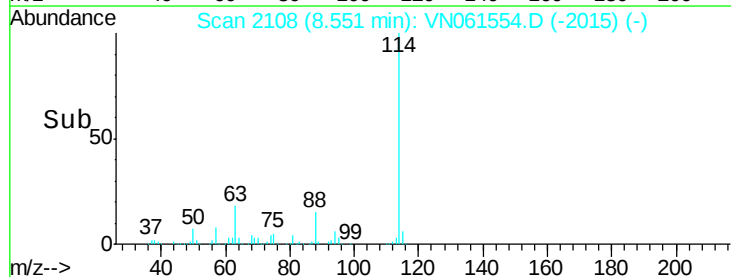
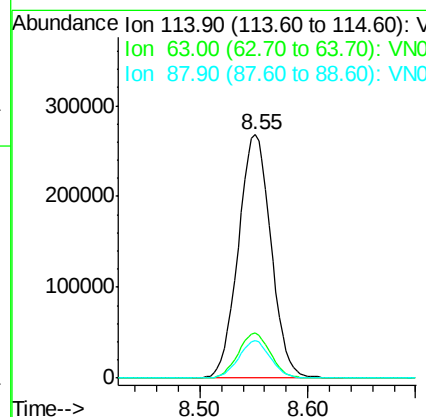
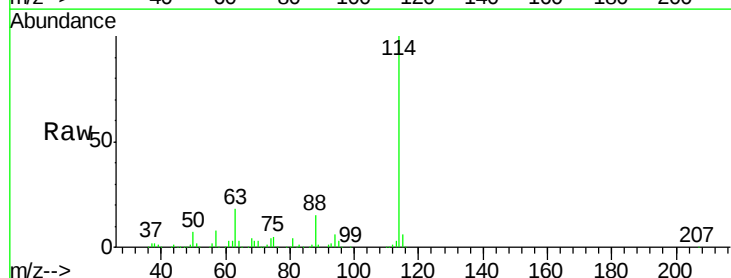
Manual Integrations
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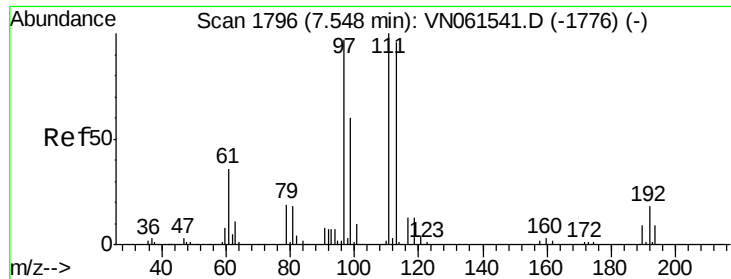
MMDadoda
 5/29/2020 5:50:36 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	566921		
63	18.4	0.0	35.8	
88	15.4	0.0	31.0	





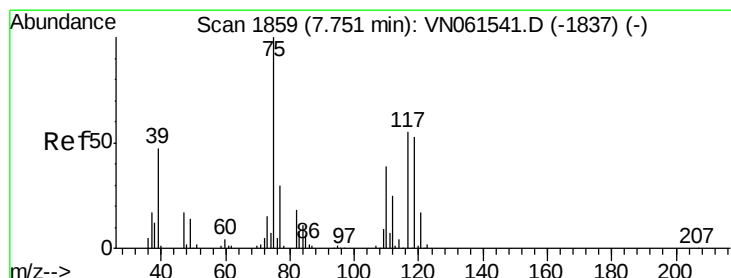
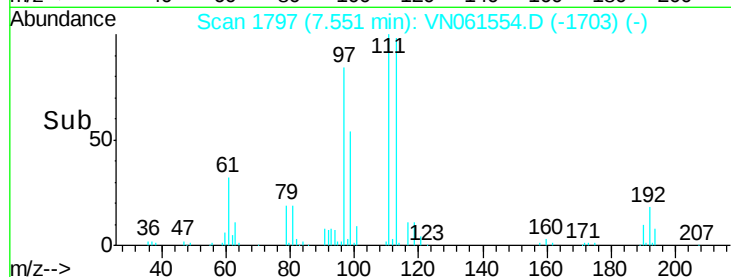
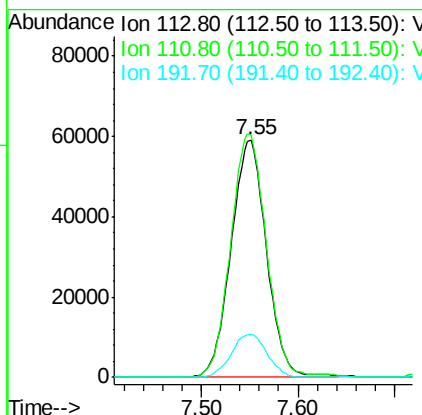
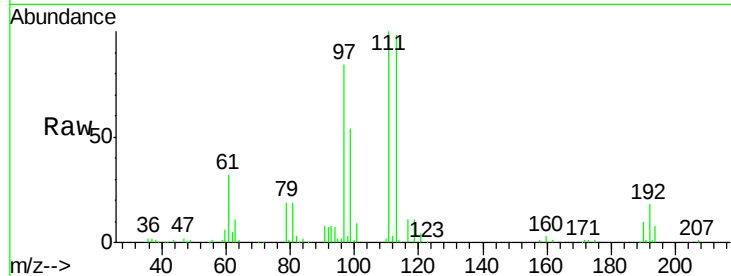
#35
 Dibromofluoromethane
 Concen: 52.255 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	150279		
111	103.0	83.4	125.0	
192	18.4	15.4	23.2	

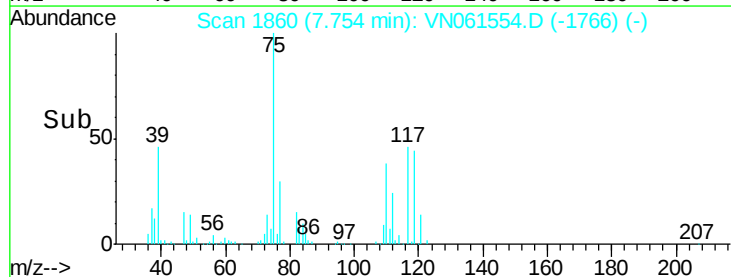
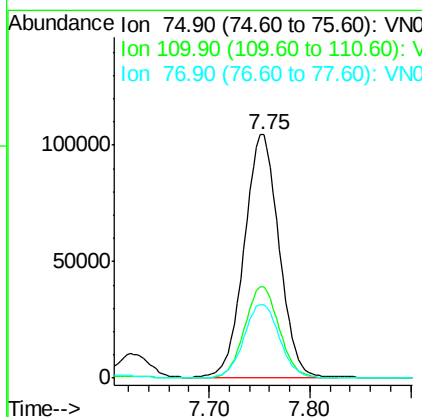
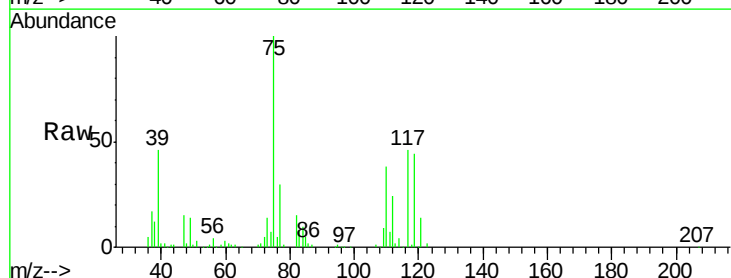
Manual Integrations
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 5/29/2020 5:50:36 PM



#36
 1,1-Dichloropropene
 Concen: 49.579 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	248826		
110	37.6	19.5	58.5	
77	31.3	24.7	37.1	





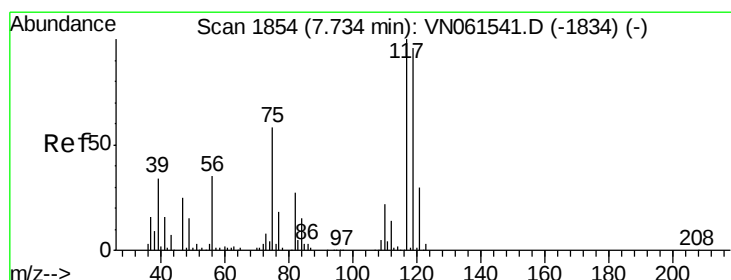
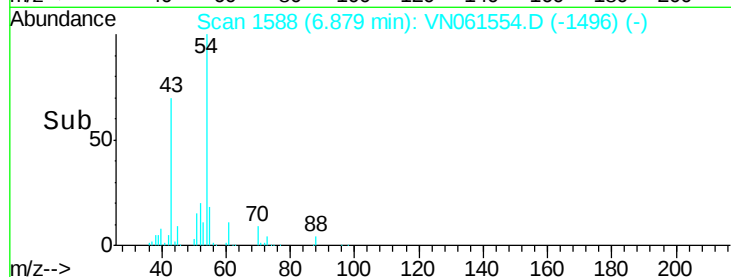
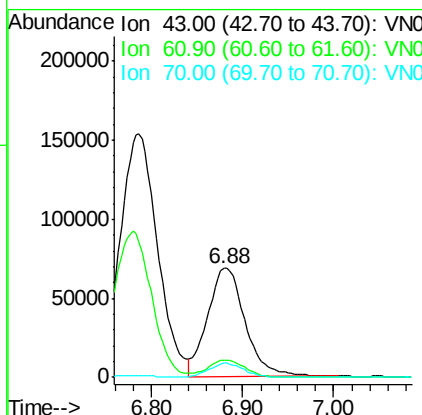
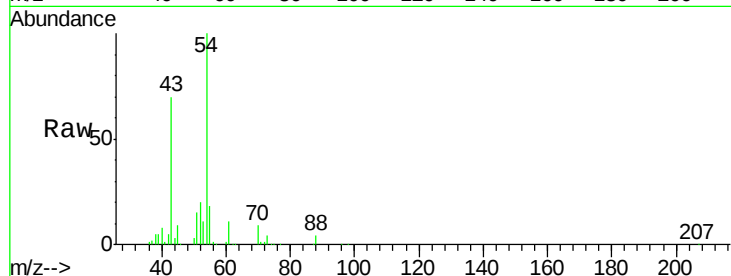
#37
Ethyl Acetate
Concen: 48.795 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	197240
Ion Ratio	100	Lower	Upper
43	100		
61	14.7	12.2	18.4
70	12.3	9.4	14.2

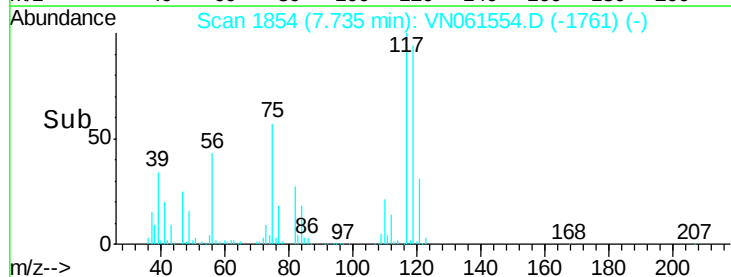
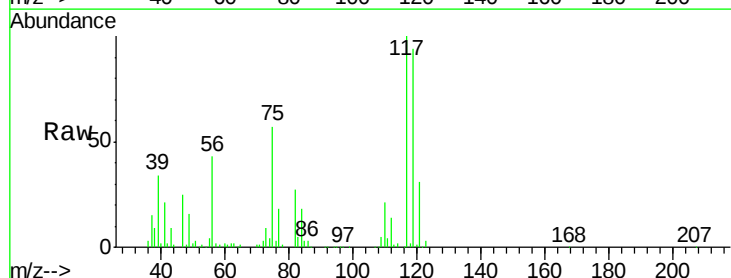
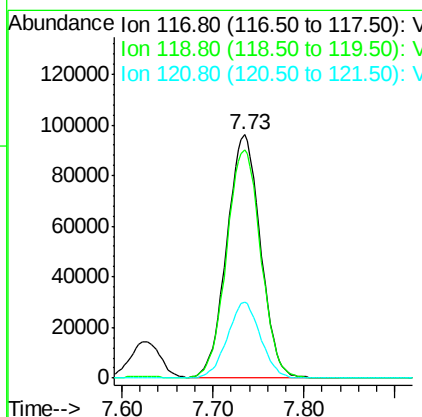
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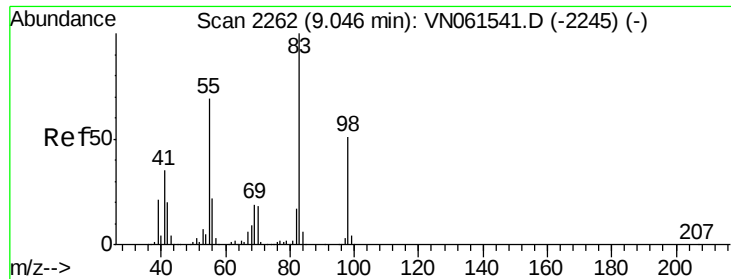
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.866 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	117	Resp	246240
Ion Ratio	100	Lower	Upper
117	100		
119	93.6	76.5	114.7
121	31.4	24.1	36.1





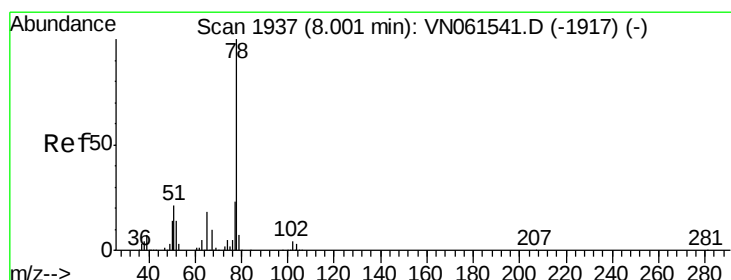
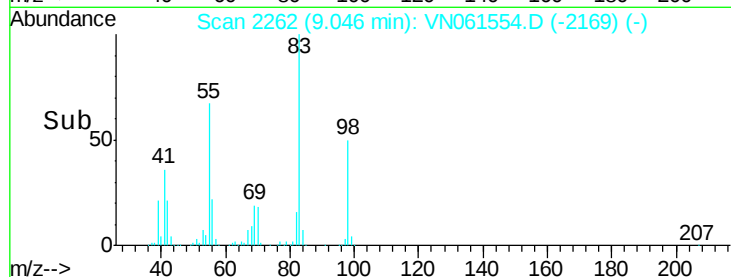
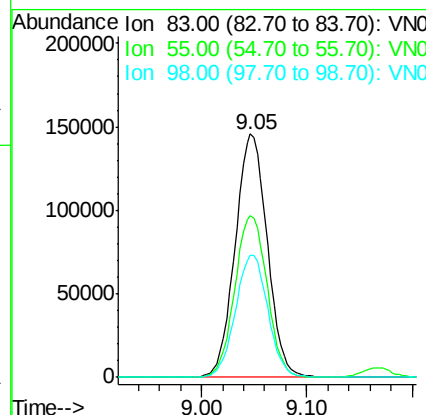
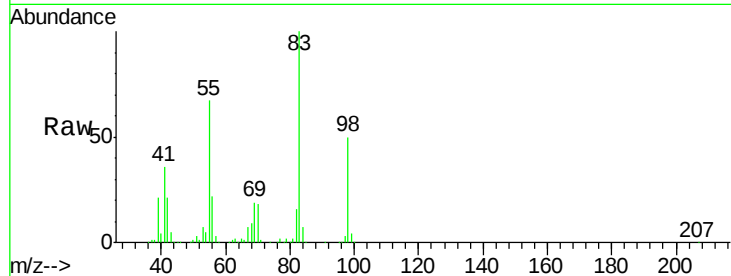
#39
Methvlcvclohexane
Concen: 49.639 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.6	54.9	82.3
98	50.3	41.0	61.4

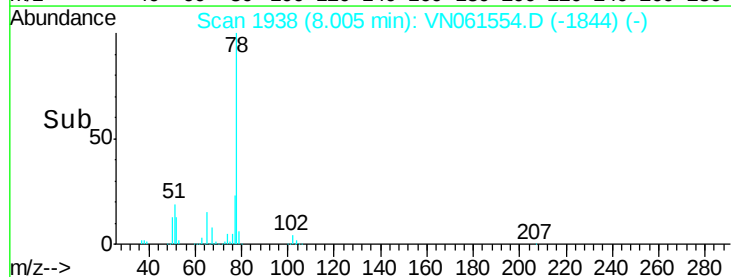
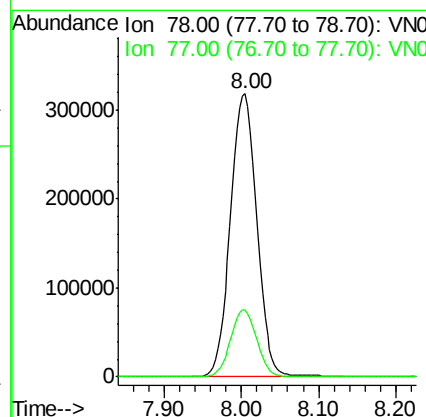
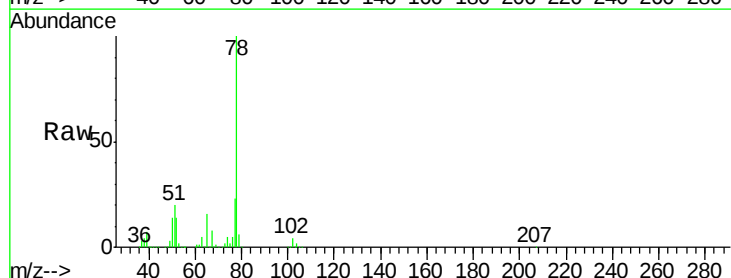
Manual Integrations
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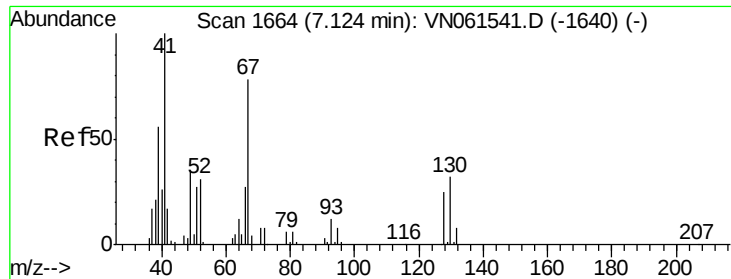
MMDadoda
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#40
Benzene
Concen: 48.670 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





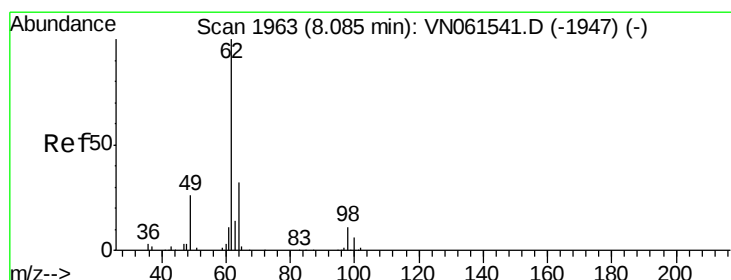
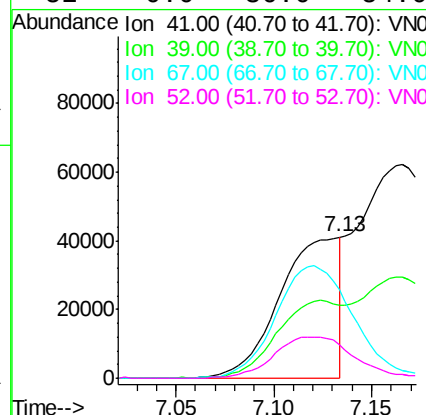
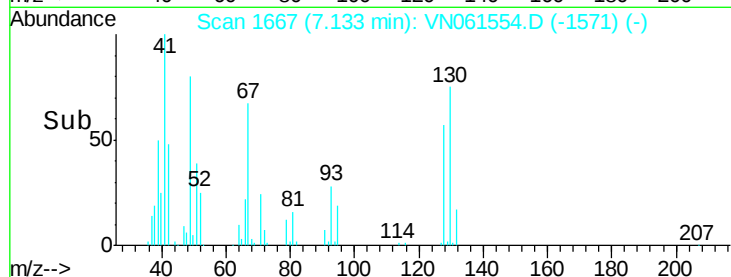
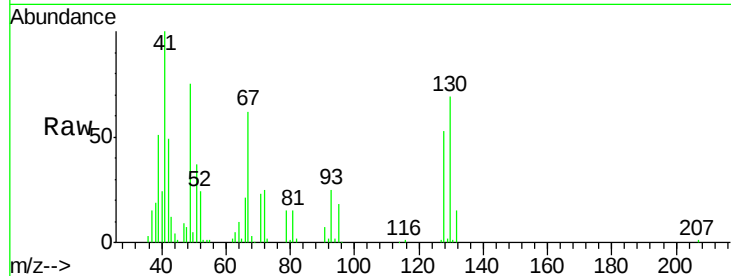
#41
Methacrylonitrile
Concen: 47.045 ug/l m
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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

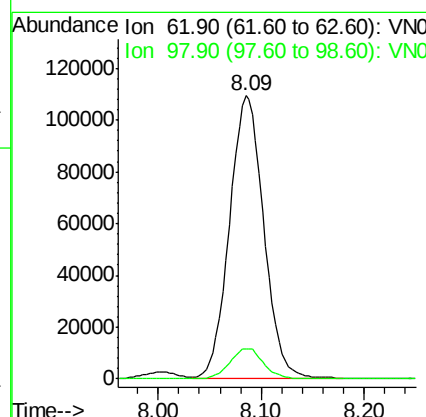
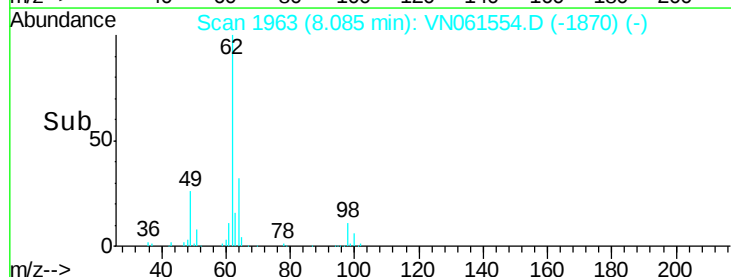
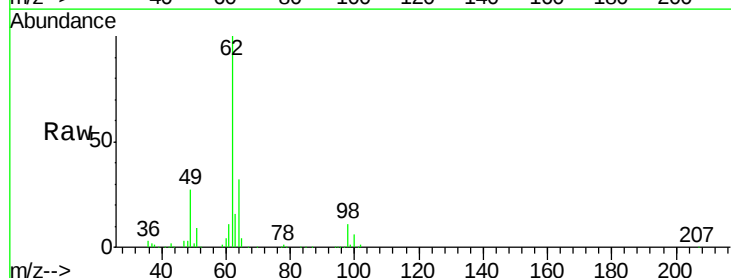
Manual Integrations
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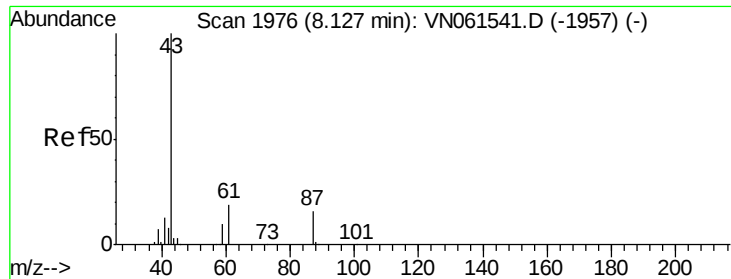
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.716 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.4





#43

Isopropyl Acetate

Concen: 47.272 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

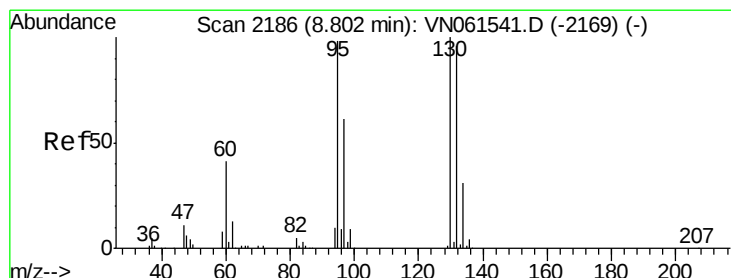
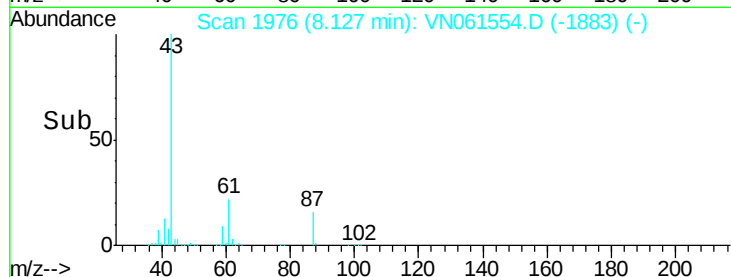
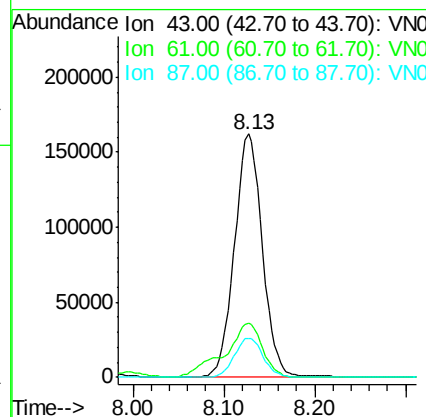
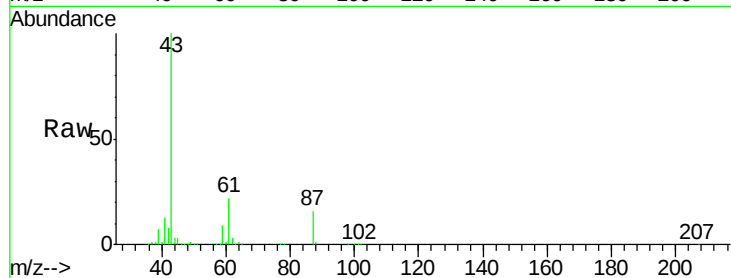
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	343786
Ion	Ratio	Lower	Upper
43	100		
61	30.0	23.6	35.4
87	16.7	13.0	19.6

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#44

Trichloroethene

Concen: 48.563 ug/l

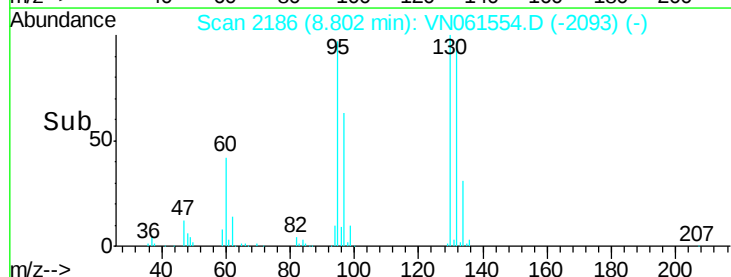
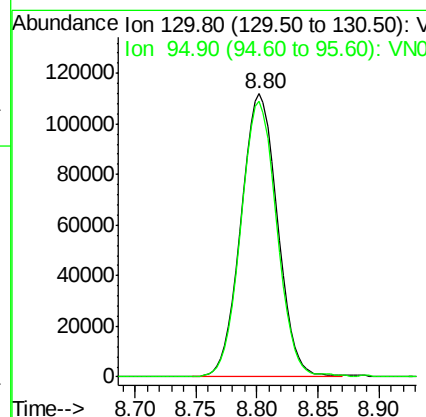
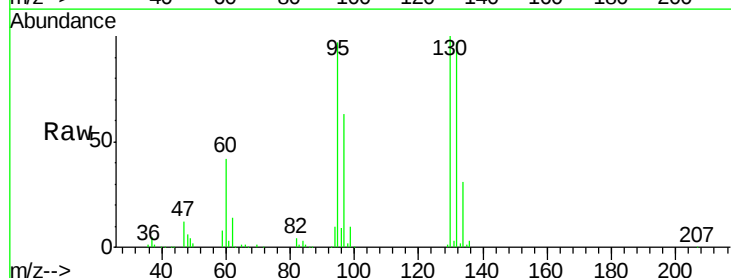
RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion:	130	Resp:	231109
Ion	Ratio	Lower	Upper
130	100		
95	97.3	0.0	196.6





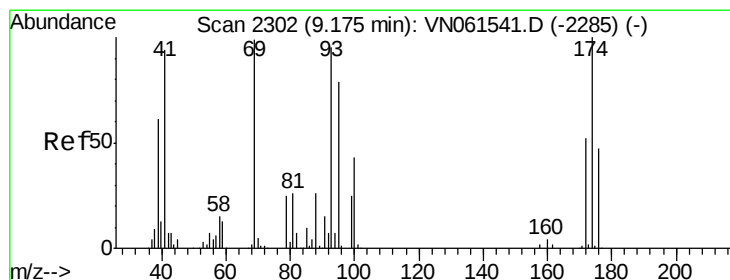
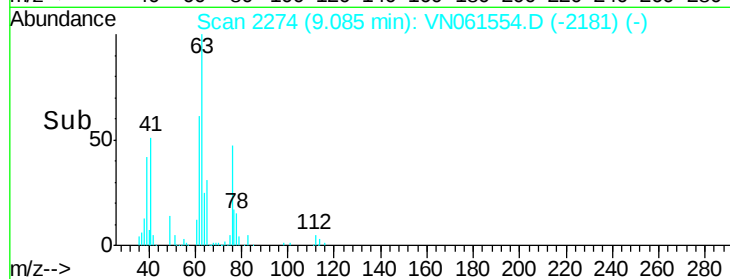
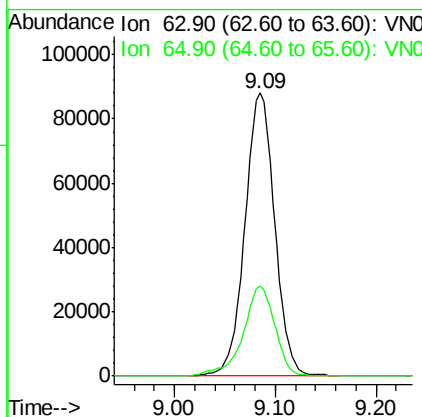
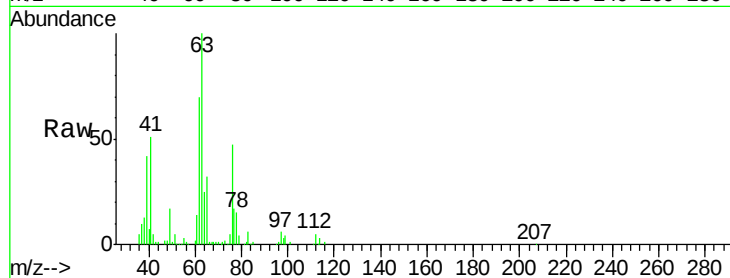
#45
 1,2-Dichloropropane
 Concen: 48.820 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 179513
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1

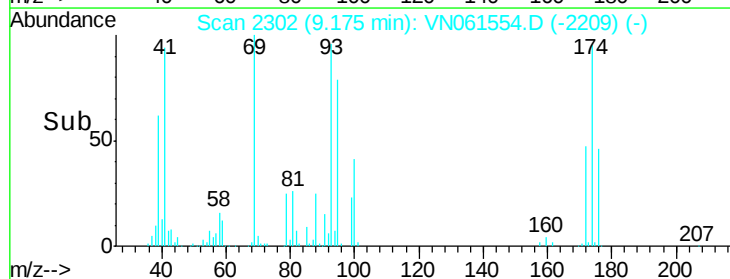
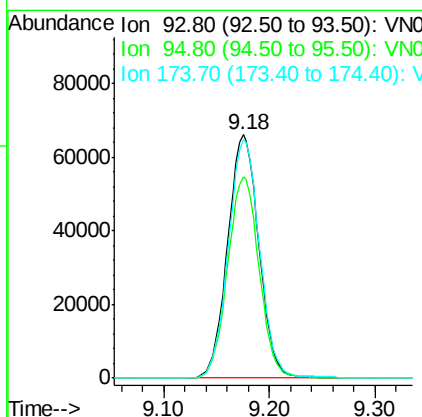
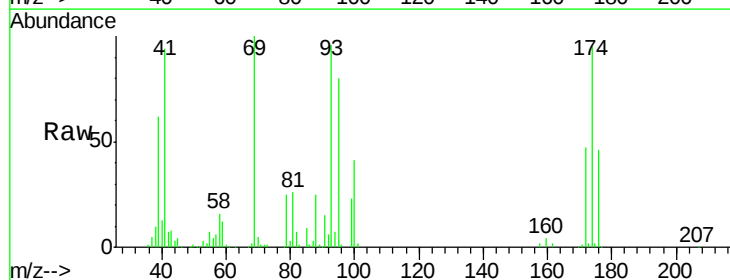
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#46
 Dibromomethane
 Concen: 48.059 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion: 93 Resp: 135530
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.0 99.0
 174 97.8 82.5 123.7





#47

Bromodichloromethane

Concen: 50.287 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

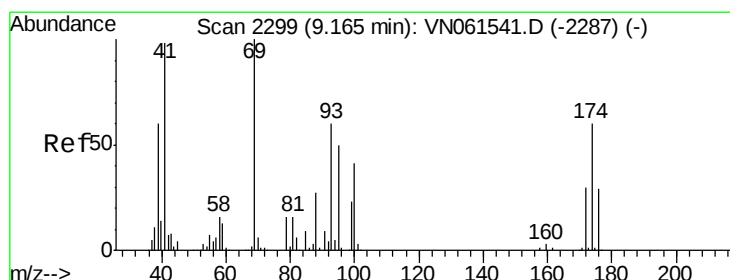
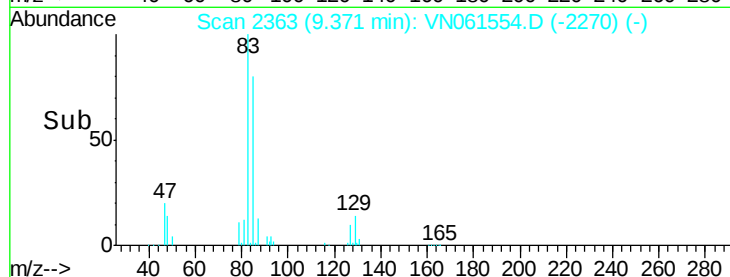
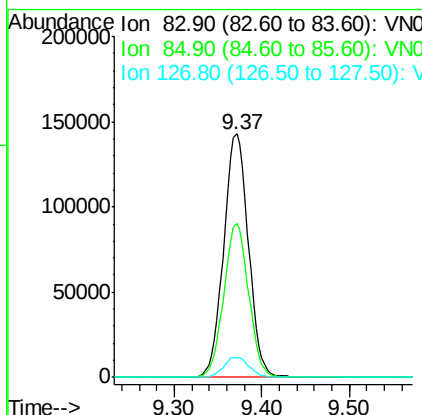
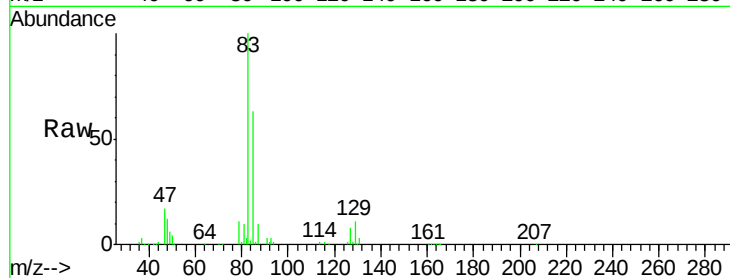
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	280962
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.1	76.7
127	8.2	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.632 ug/l

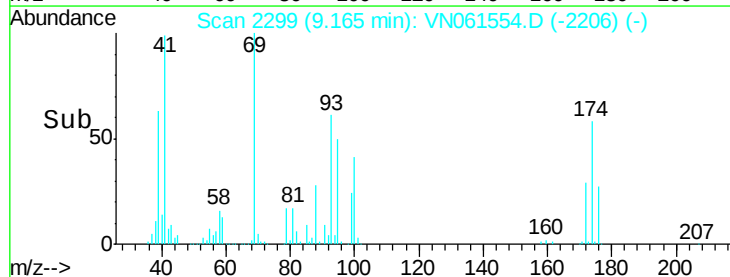
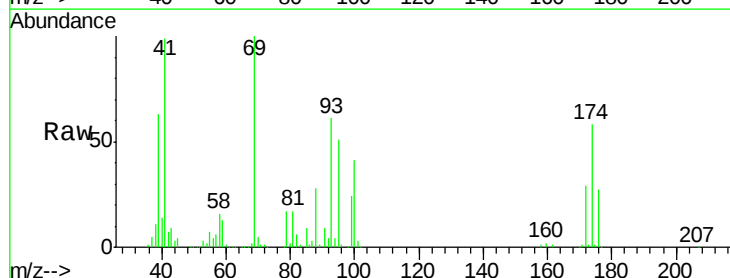
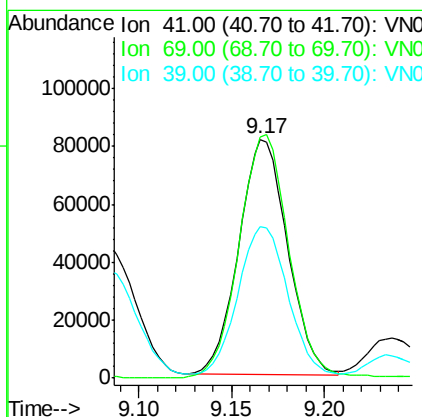
RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion:	41	Resp:	149306
Ion Ratio	Lower	Upper	
41	100		
69	106.2	83.9	125.9
39	66.9	52.1	78.1





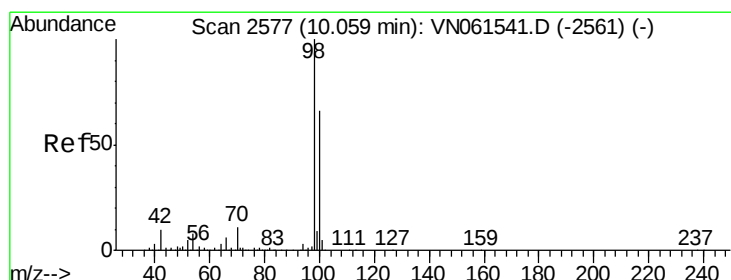
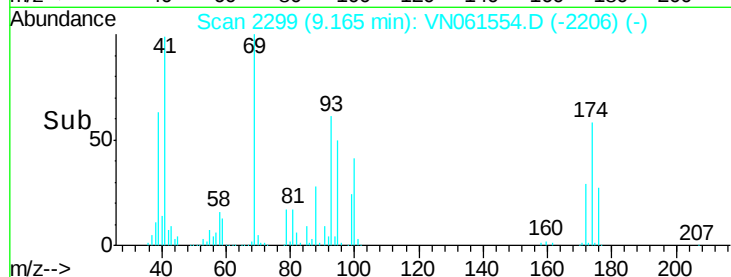
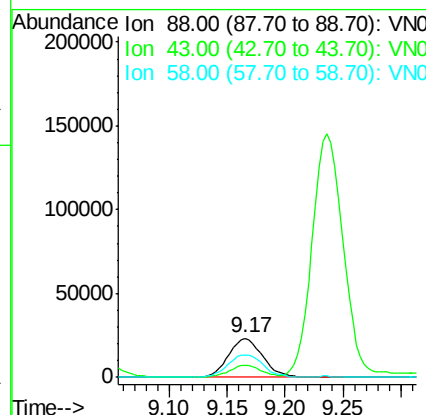
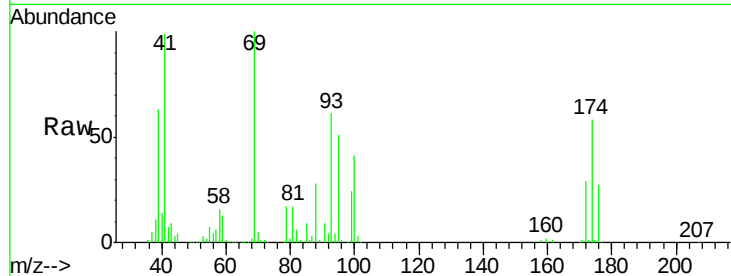
#49
 1,4-Dioxane
 Concen: 935.494 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	88	Resp	47419
Ion	Ratio	Lower	Upper
88	100		
43	27.7	23.1	34.7
58	60.2	48.3	72.5

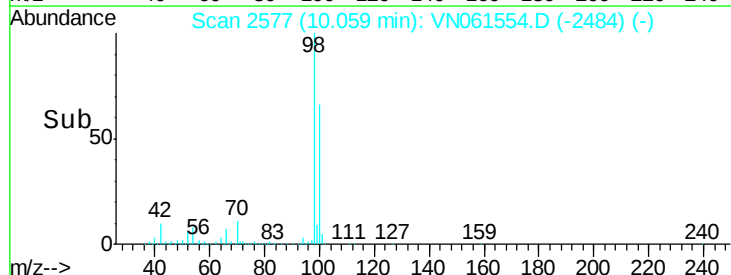
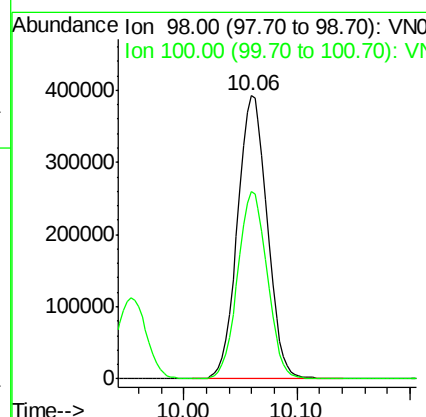
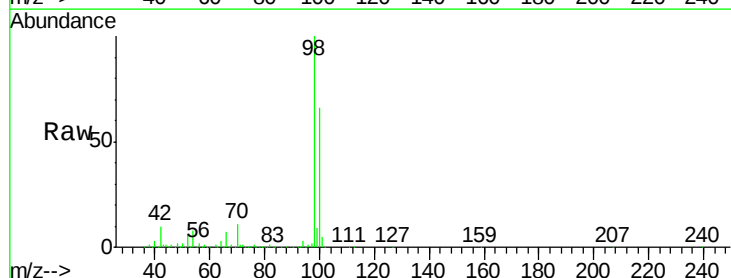
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#50
 Toluene-d8
 Concen: 54.003 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion	98	Resp	719707
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.8	79.2





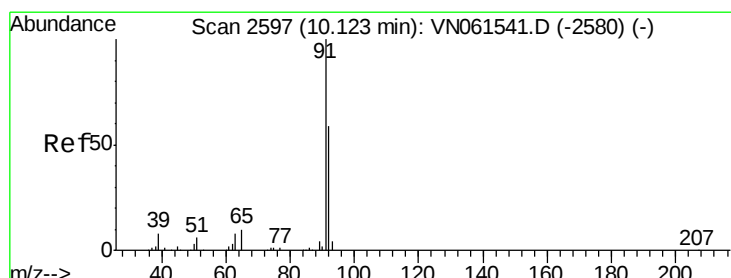
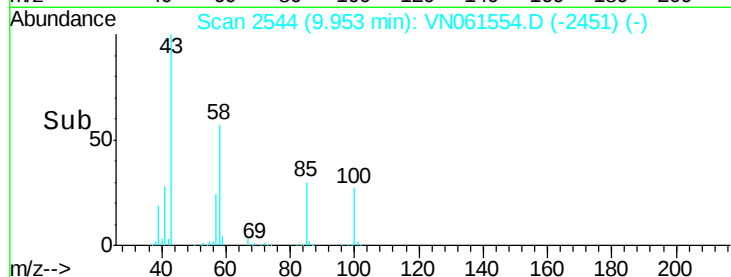
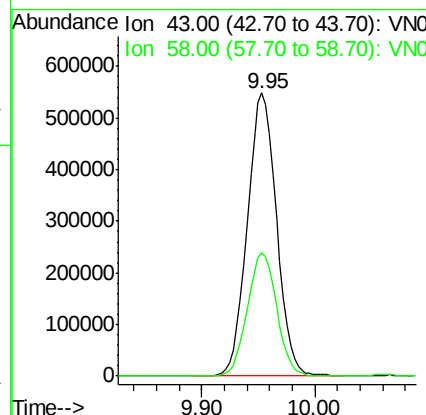
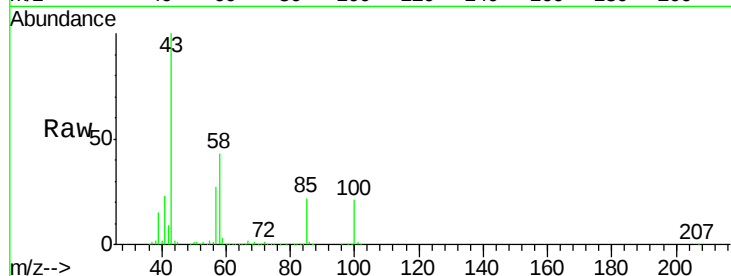
#51
4-Methyl-2-Pentanone
Concen: 240.276 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	984705
Ion Ratio	100	Lower	Upper
43	100		
58	43.8	35.0	52.6

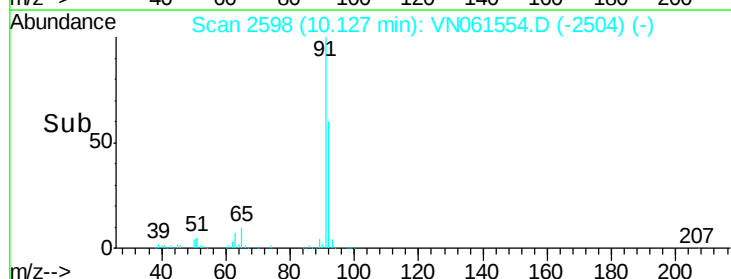
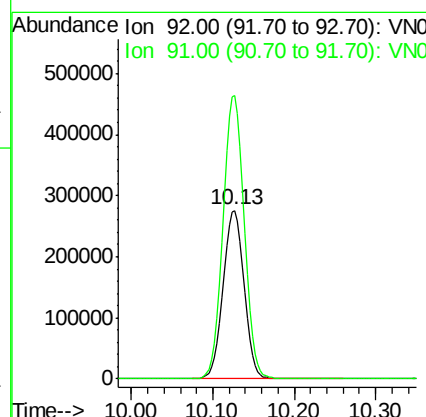
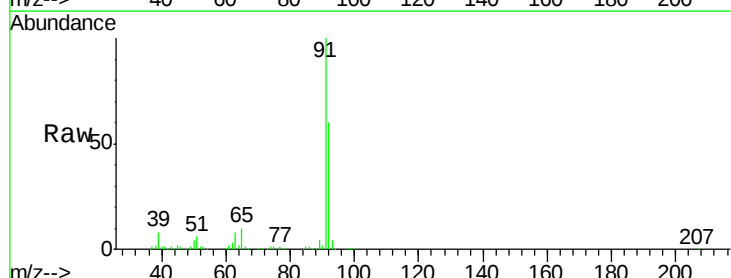
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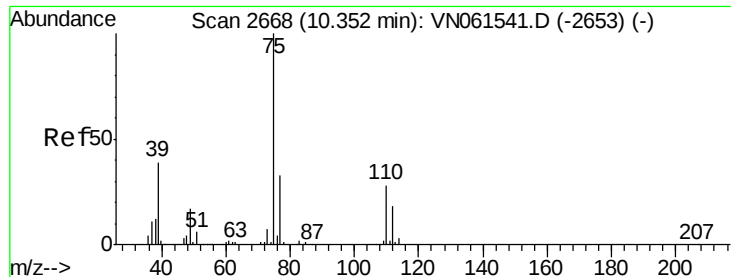
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#52
Toluene
Concen: 50.097 ug/l
RT: 10.13 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	92	Resp	506328
Ion Ratio	100	Lower	Upper
92	100		
91	169.6	136.4	204.6





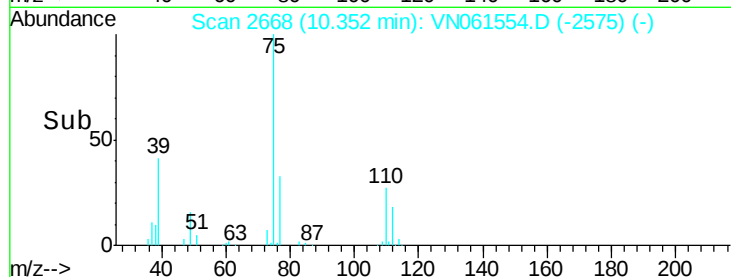
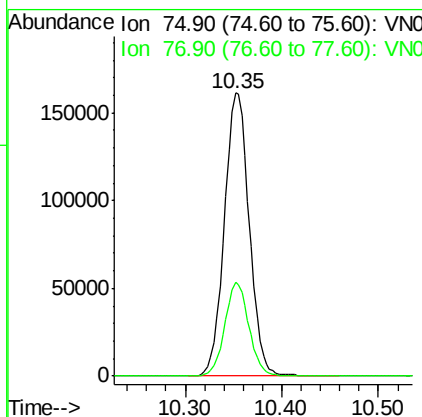
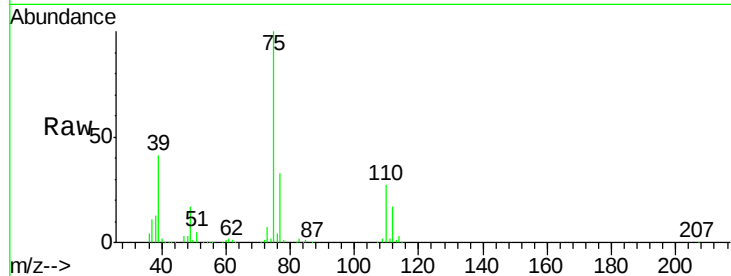
#53
t-1,3-Dichloropropene
Concen: 47.848 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.2	39.4

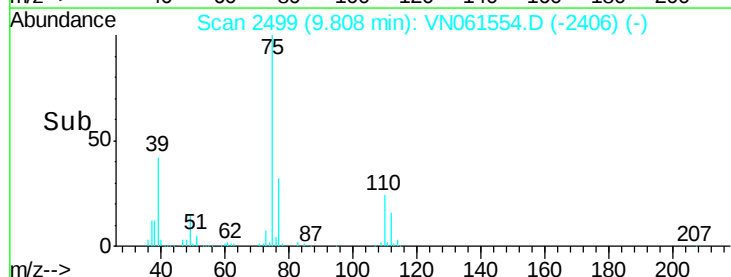
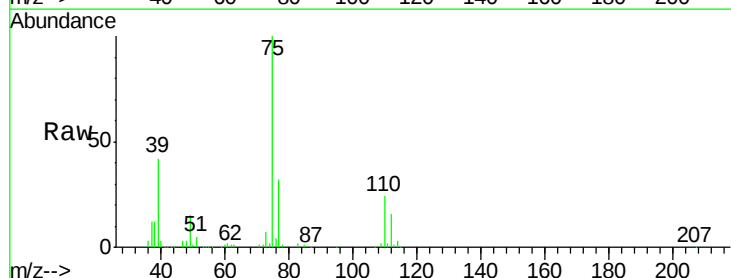
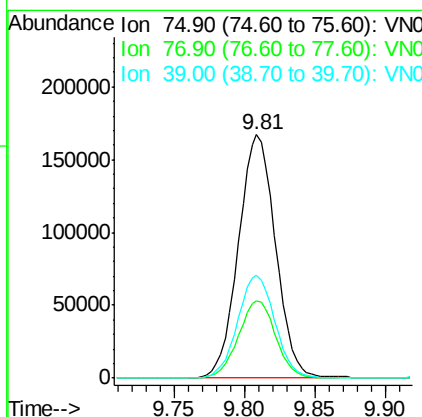
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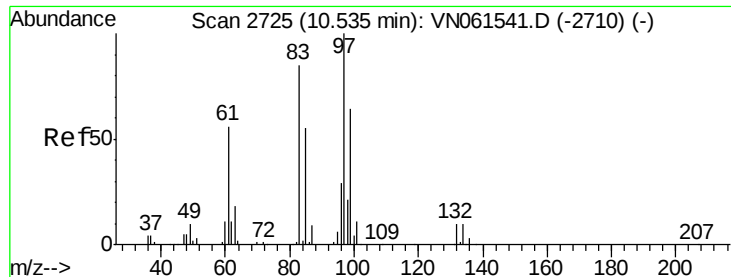
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#54
cis-1,3-Dichloropropene
Concen: 47.582 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2
39	42.0	33.8	50.6





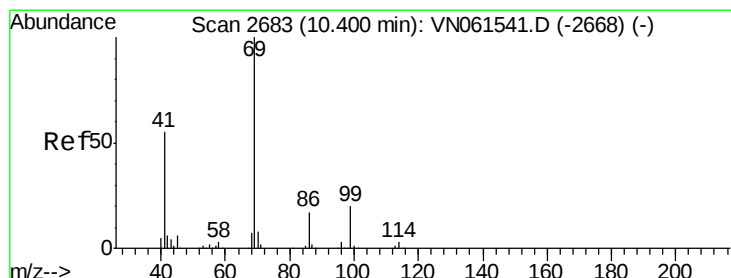
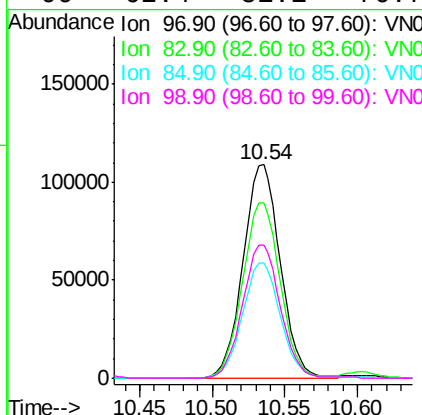
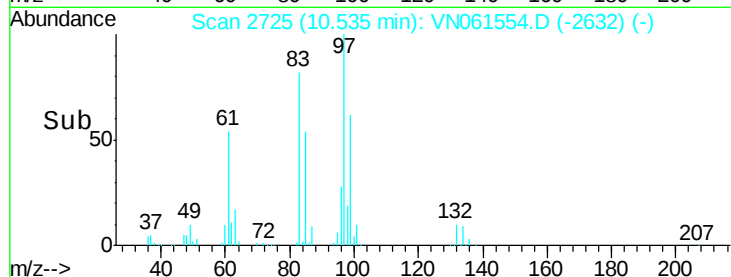
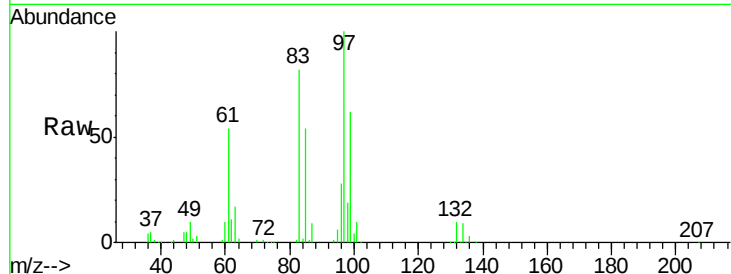
#55
 1,1,2-Trichloroethane
 Concen: 48.373 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		194781		
83	81.9	68.1	102.1		
85	54.2	44.1	66.1		
99	62.4	51.1	76.7		

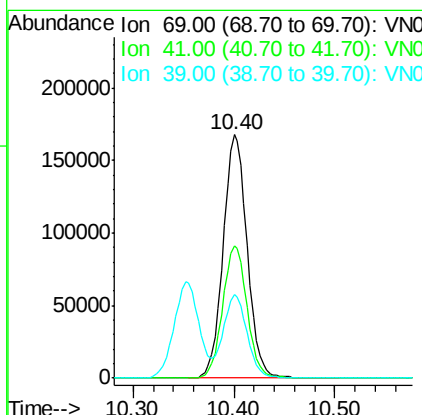
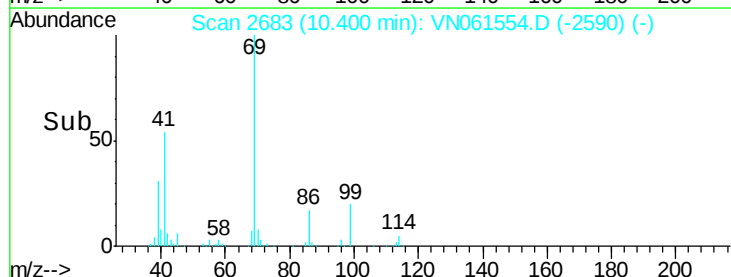
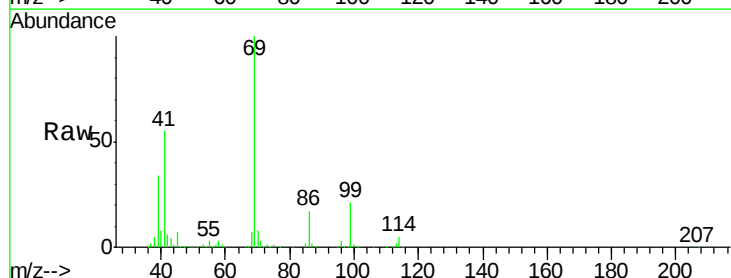
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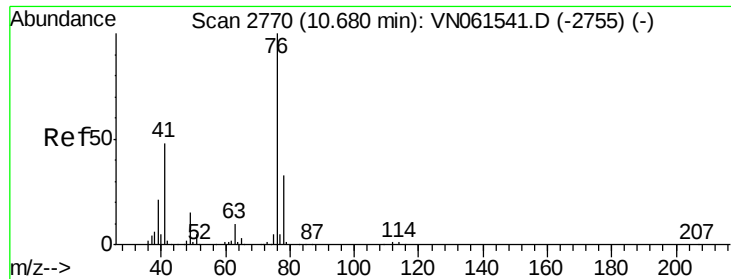
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#56
 Ethyl methacrylate
 Concen: 49.655 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		279300		
41	54.6	43.5	65.3		
39	34.1	27.0	40.6		





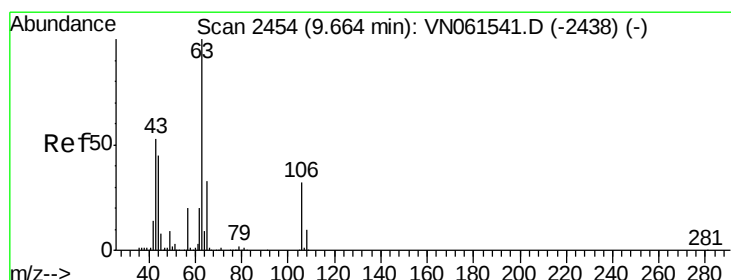
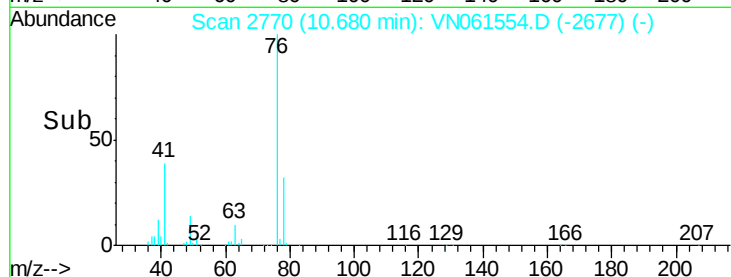
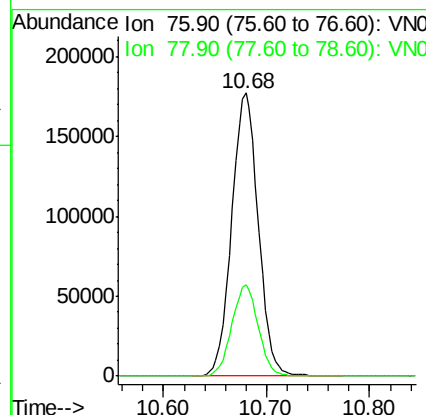
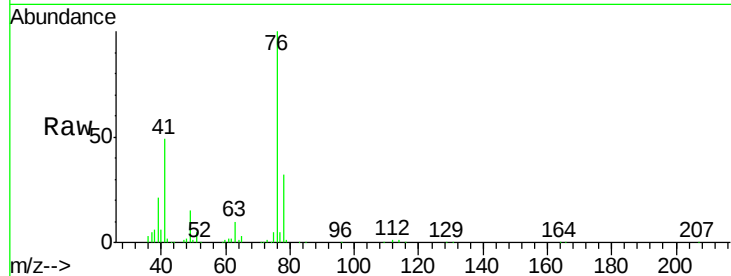
#57
 1,3-Dichloropropane
 Concen: 49.390 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.3	39.5

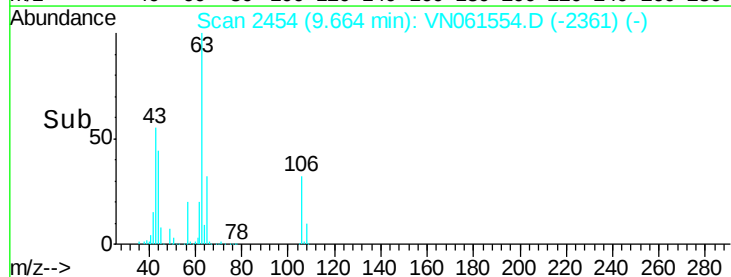
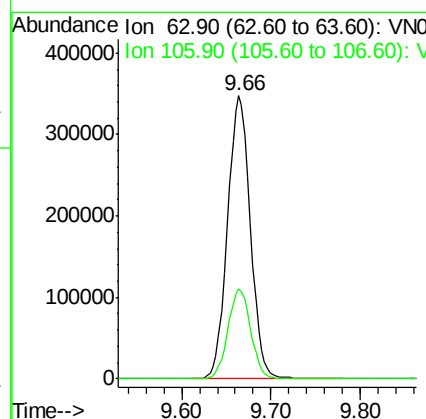
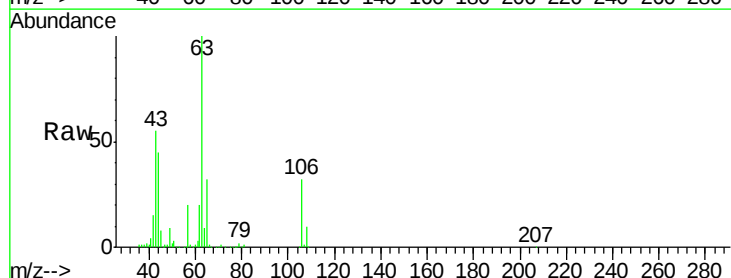
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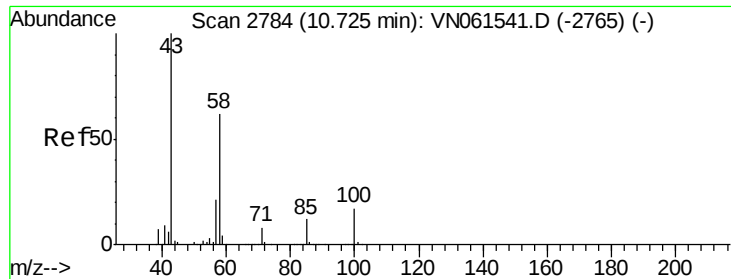
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#58
 2-Chloroethyl Vinyl ether
 Concen: 255.219 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.7	25.9	38.9





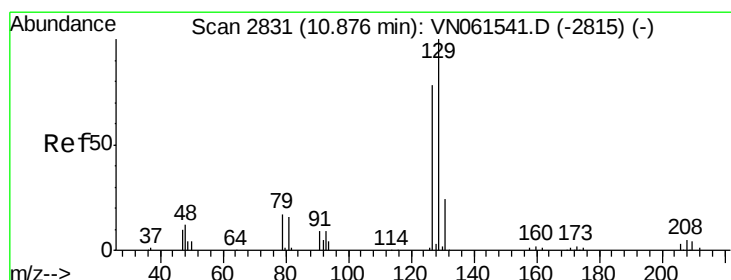
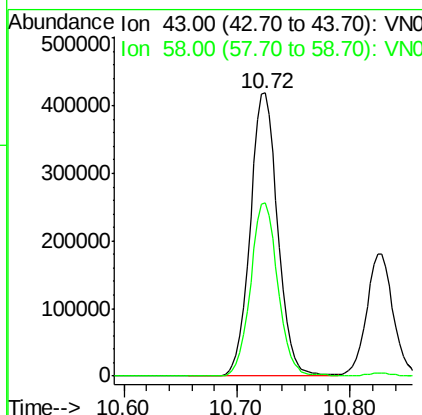
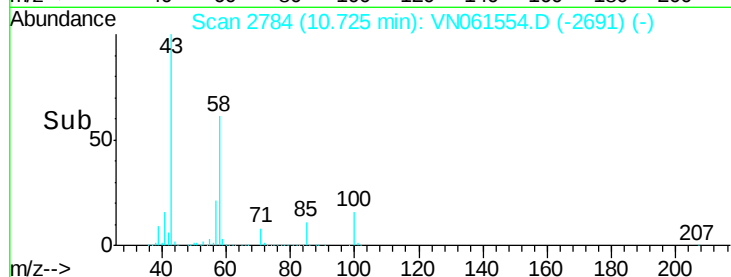
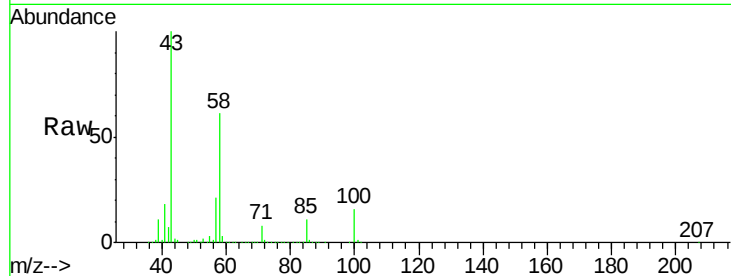
#59
2-Hexanone
Concen: 239.878 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.0	30.7	92.1

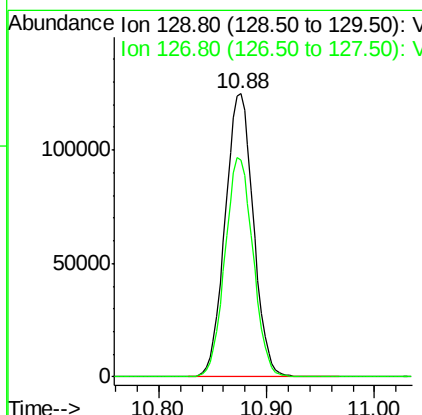
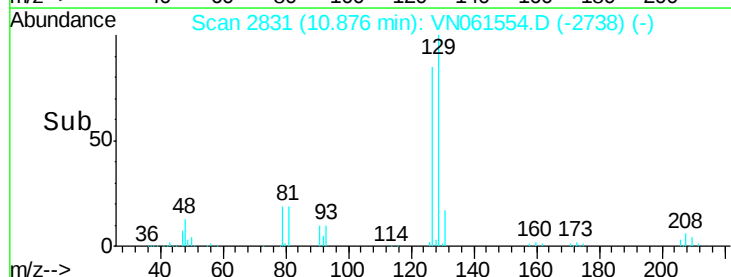
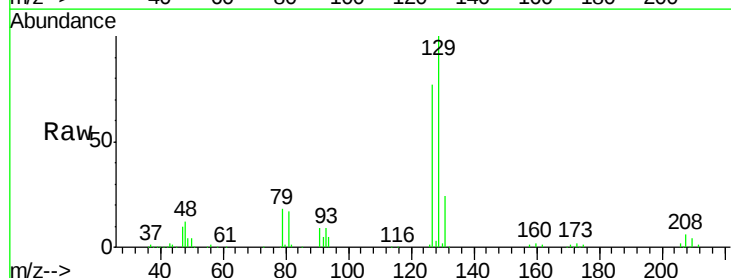
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#60
Dibromochloromethane
Concen: 49.657 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	38.8	116.3





#61

1,2-Dibromoethane

Concen: 50.436 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 211810

Ion Ratio Lower Upper

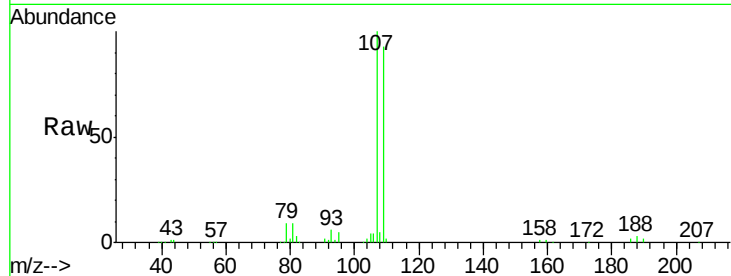
107 100

109 92.9 76.1 114.1

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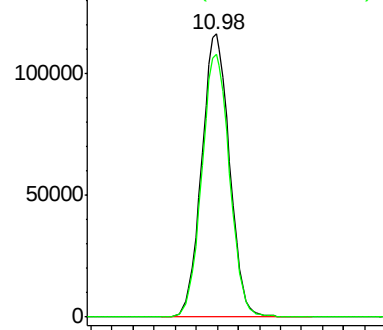
MMDadoda

5/29/2020 5:50:36 PM

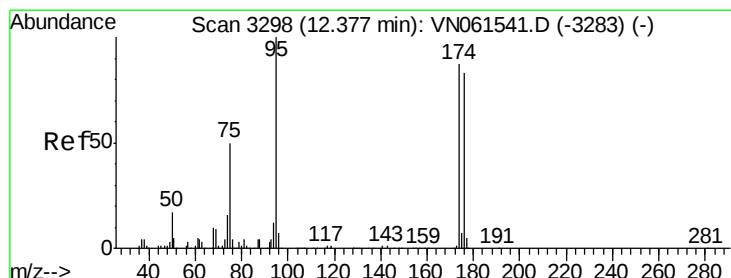
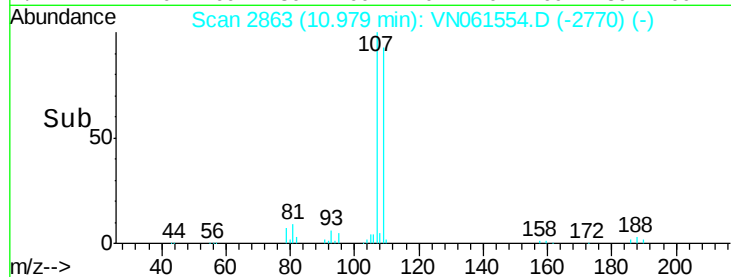


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 53.650 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

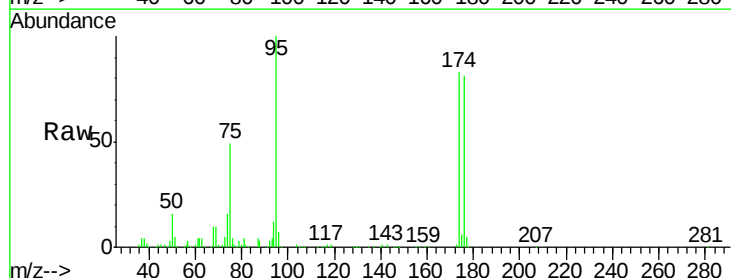
Tgt Ion: 95 Resp: 260860

Ion Ratio Lower Upper

95 100

174 82.2 0.0 172.8

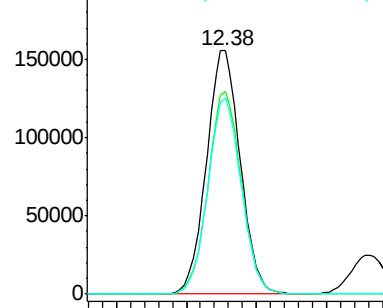
176 80.1 0.0 164.8



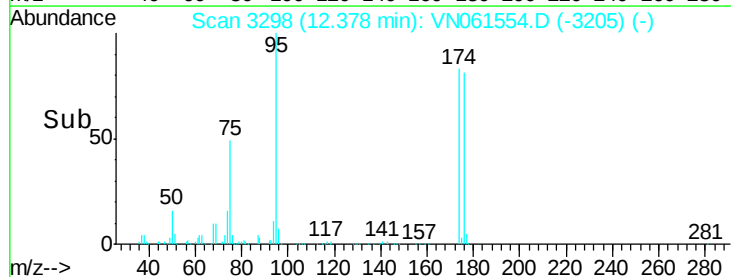
Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

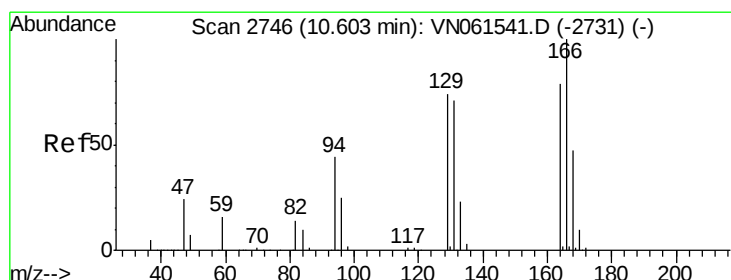
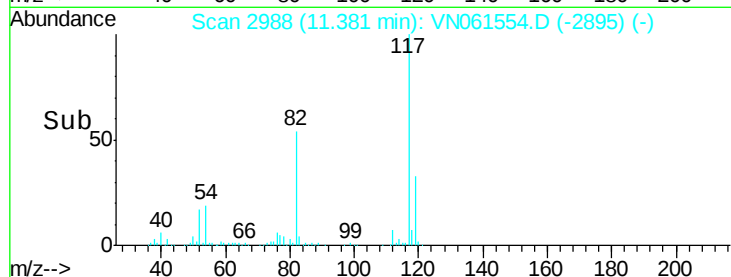
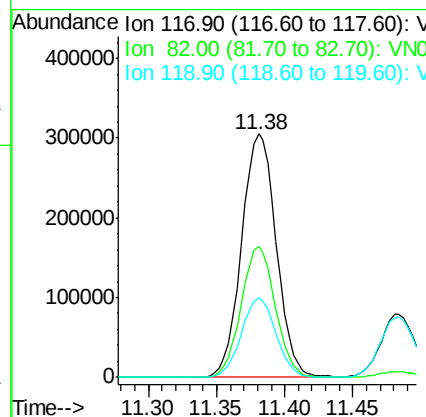
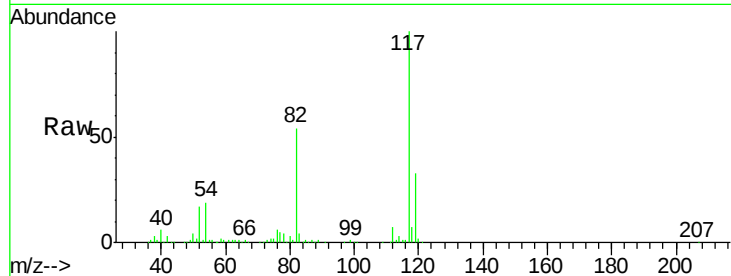
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	539258		
82	53.8	41.5	62.3	
119	32.6	25.6	38.4	

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#64

Tetrachloroethene

Concen: 49.453 ug/l

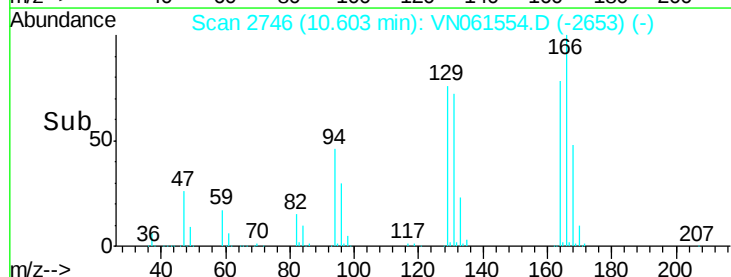
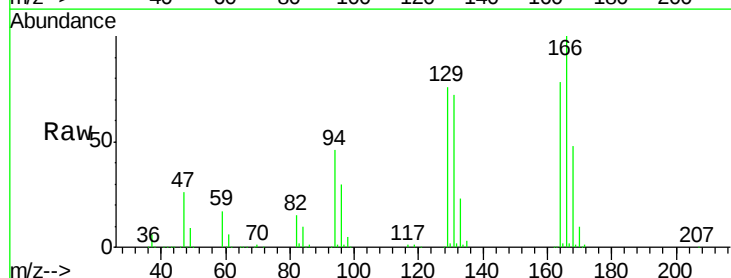
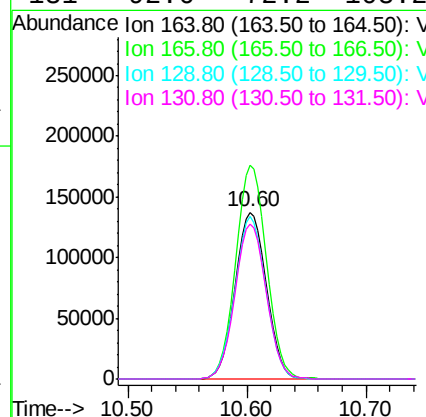
RT: 10.60 min Scan# 2746

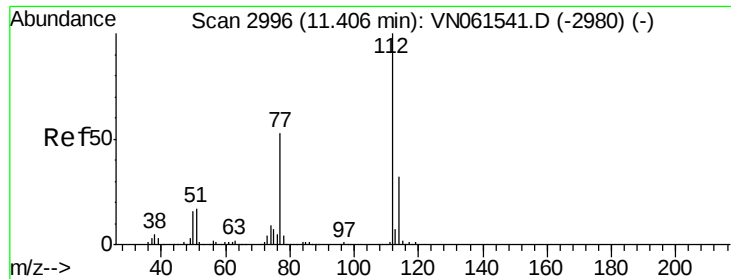
Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	251028		
166	128.0	101.5	152.3	
129	97.2	74.9	112.3	
131	92.6	72.2	108.2	





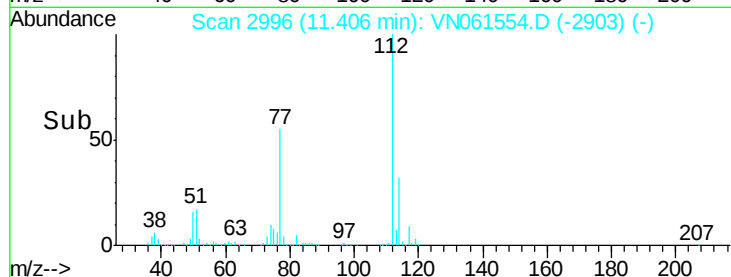
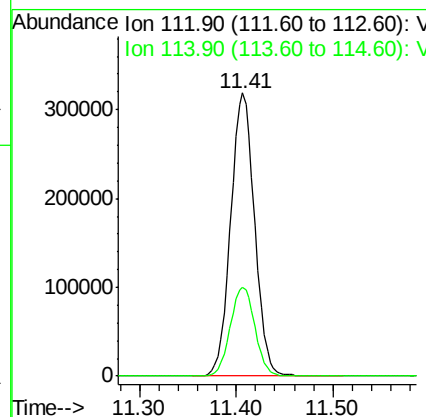
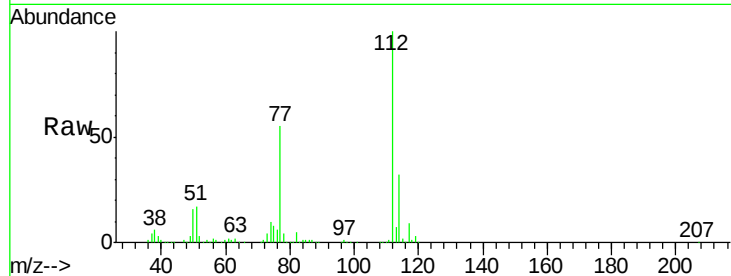
#65
Chlorobenzene
Concen: 48.815 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 547174
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5

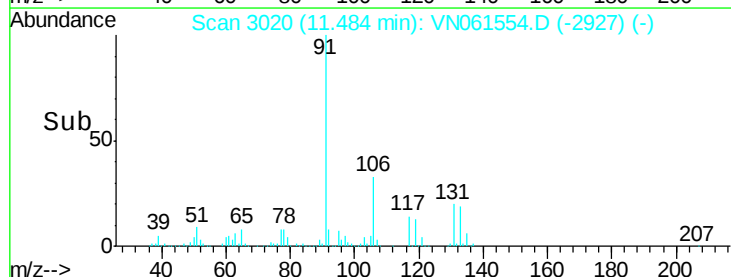
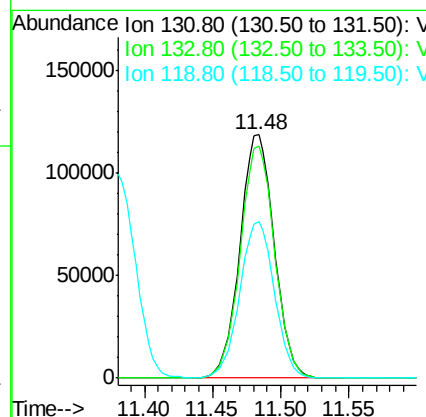
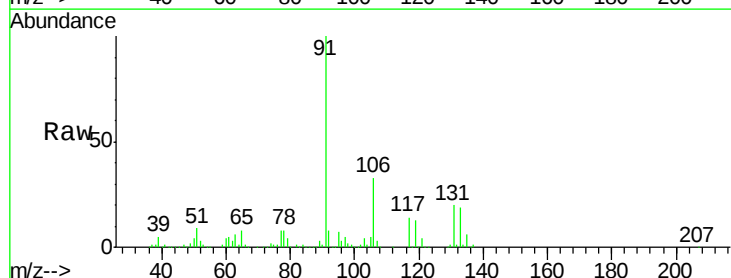
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.573 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion:131 Resp: 206904
Ion Ratio Lower Upper
131 100
133 95.7 47.4 142.2
119 65.2 32.6 97.8





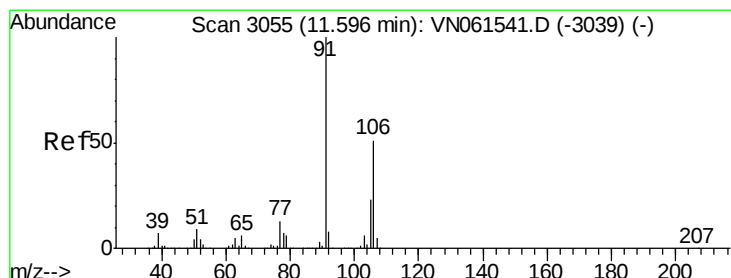
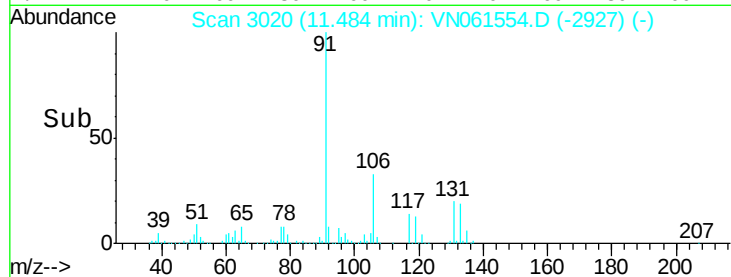
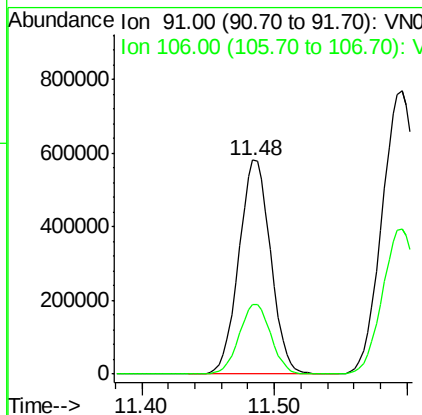
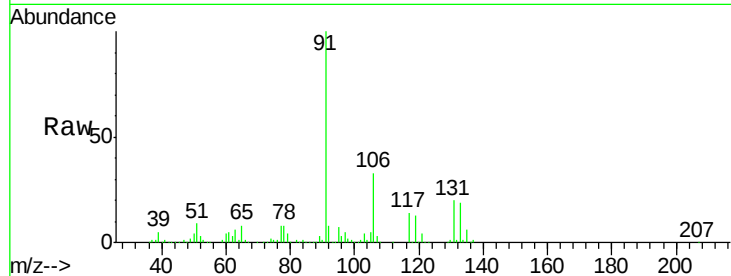
#67
Ethyl Benzene
Concen: 50.010 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 968888
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4

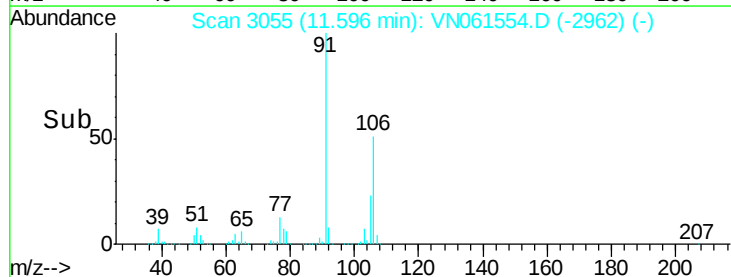
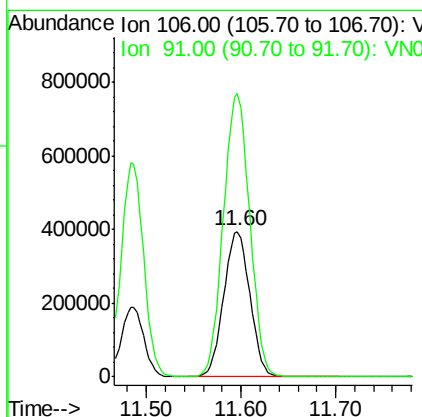
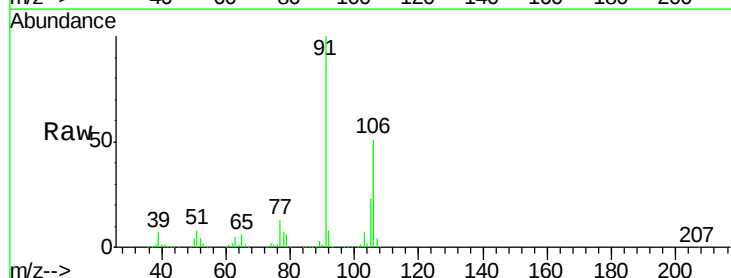
Manual Integrations
APPROVED

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#68
m/p-Xylenes
Concen: 98.923 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion: 106 Resp: 759906
Ion Ratio Lower Upper
106 100
91 196.0 156.2 234.4





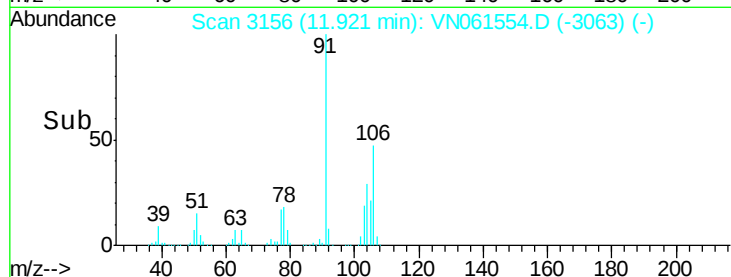
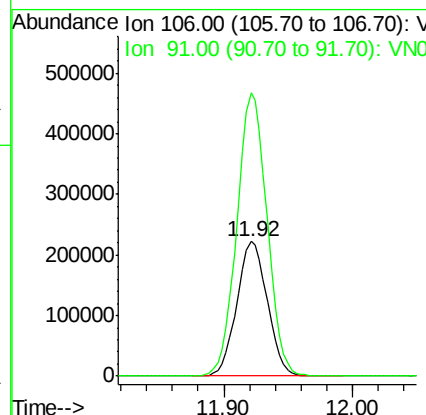
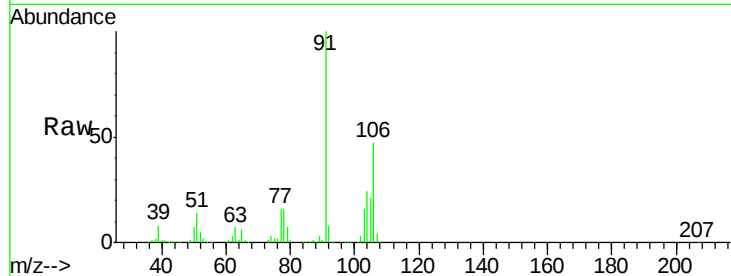
#69
o-Xylene
Concen: 50.050 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		365174		
91	208.0	103.3	309.8		

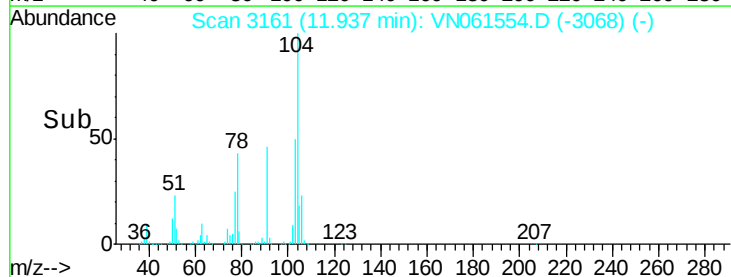
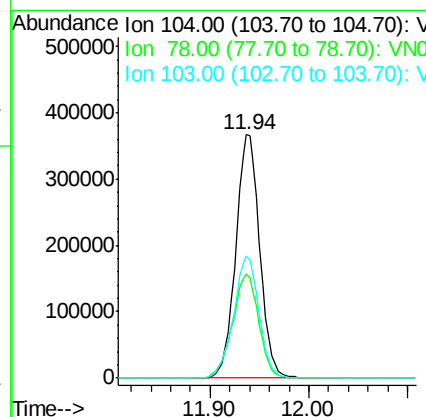
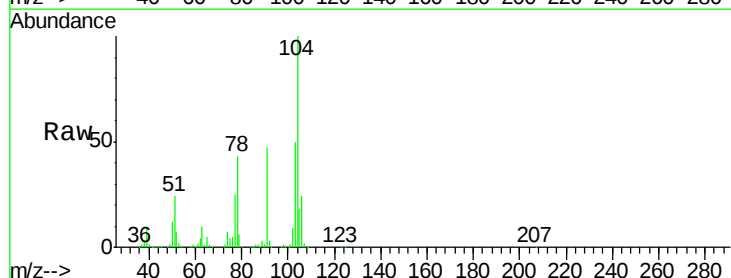
Manual Integrations
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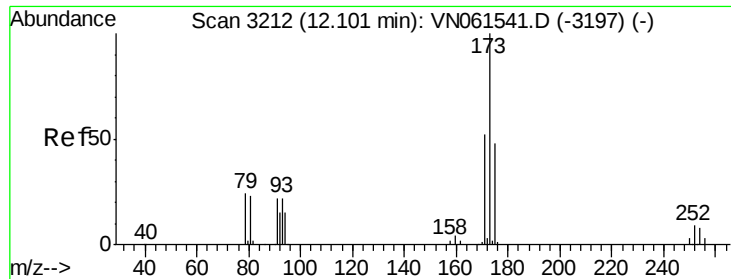
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#70
Styrene
Concen: 51.199 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		618626		
78	47.0	37.4	56.0		
103	53.5	42.3	63.5		





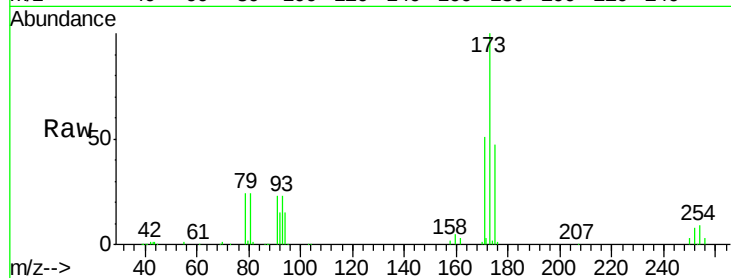
#71
Bromoform
Concen: 48.105 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

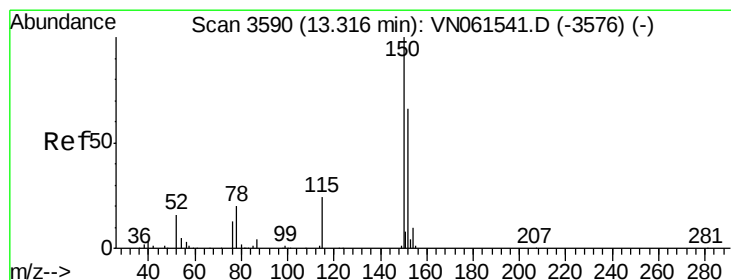
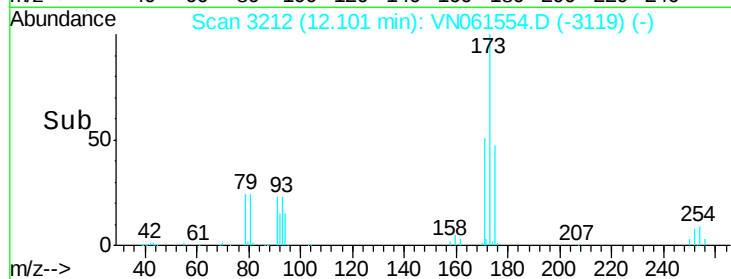
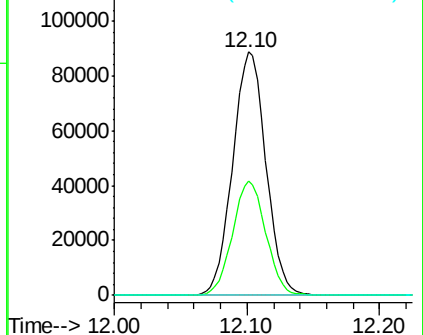
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	24.4	73.2
254	0.0	0.0	0.0

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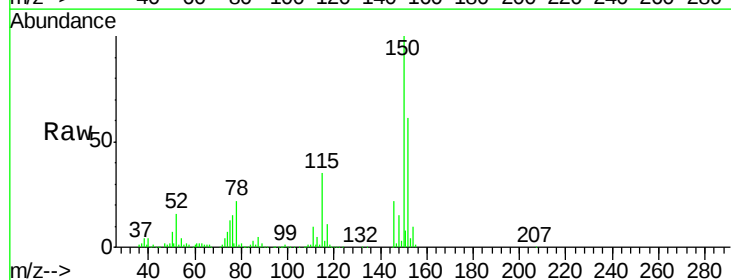


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

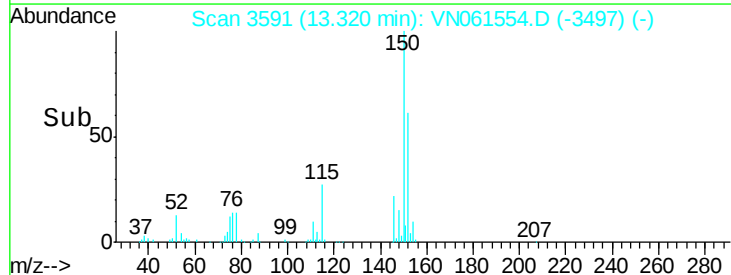
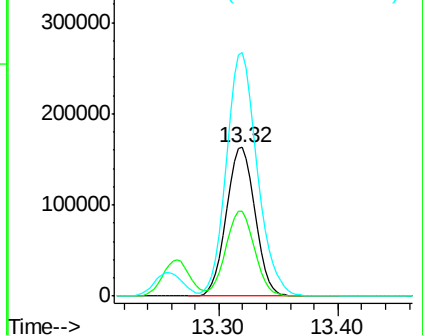


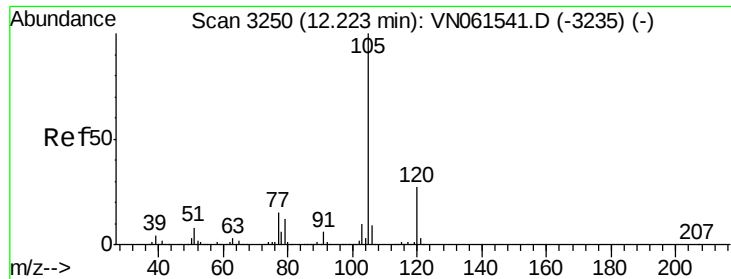
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.0	84.0
150	175.2	0.0	344.0



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





#73

Isopropylbenzene

Concen: 48.720 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 972392

Ion Ratio Lower Upper

105 100

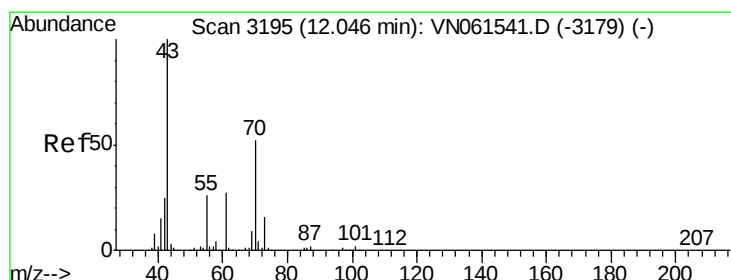
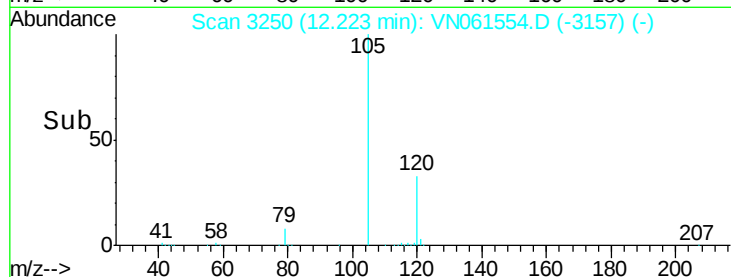
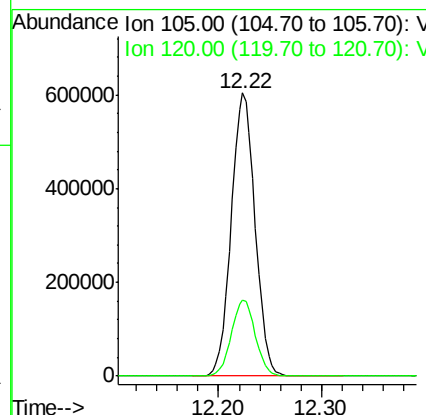
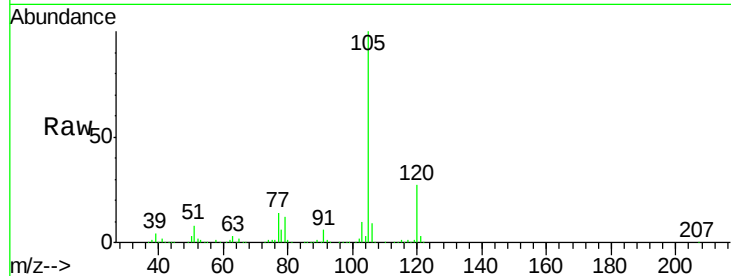
120 27.1 13.8 41.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 48.147 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion: 43 Resp: 302624

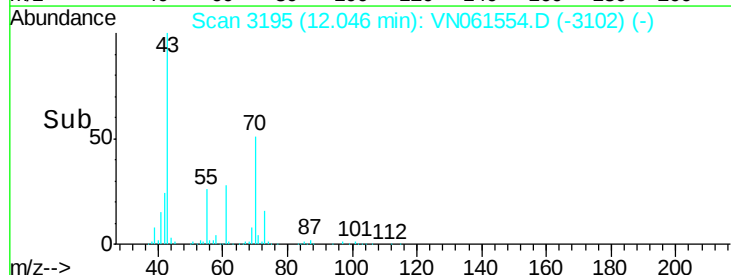
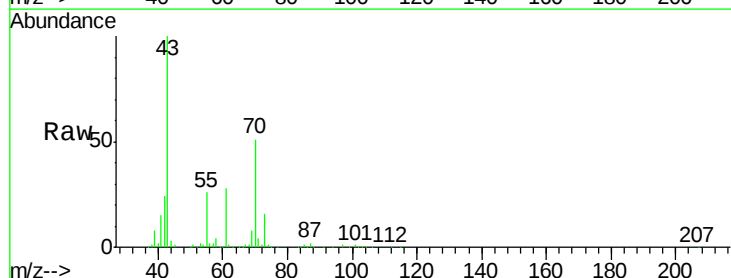
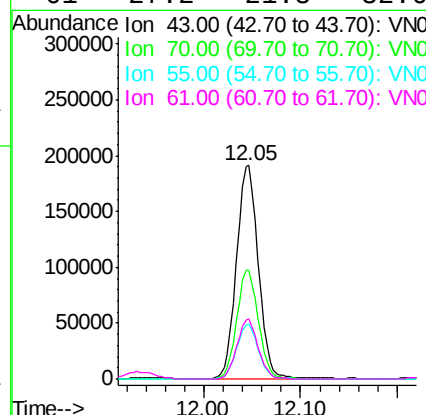
Ion Ratio Lower Upper

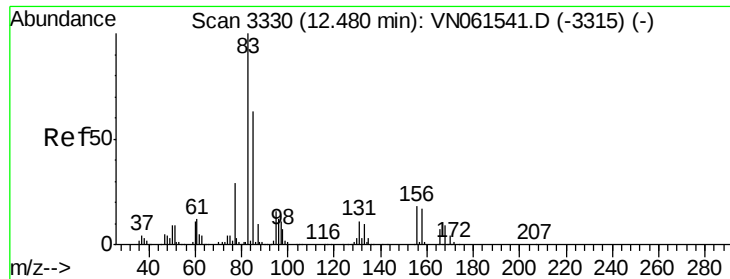
43 100

70 50.0 40.5 60.7

55 25.6 20.6 31.0

61 27.2 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.102 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

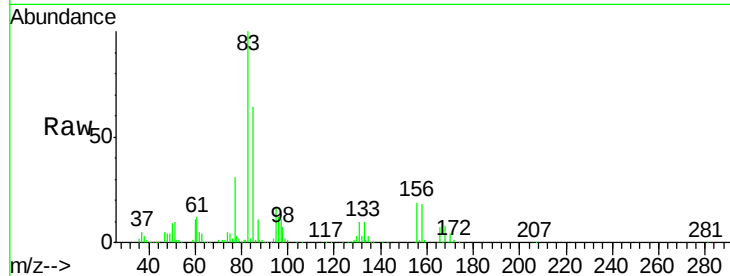
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	252256
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.5	16.5
85	64.1	32.1	96.3

Manual Integrations
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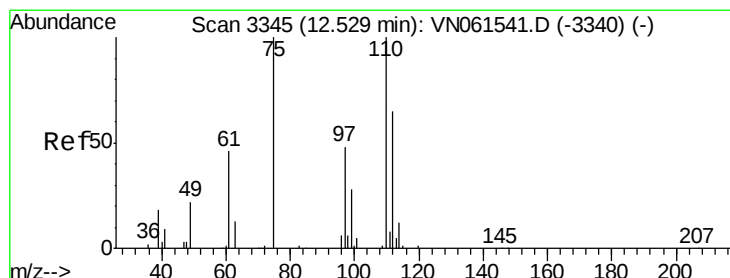
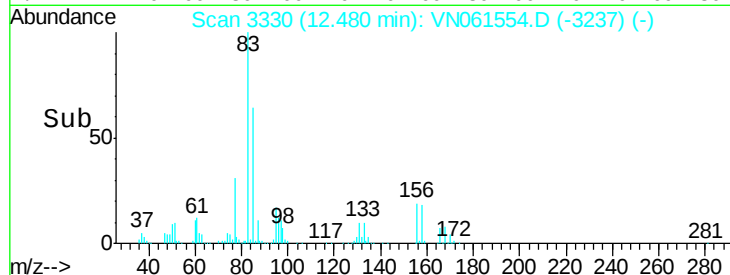
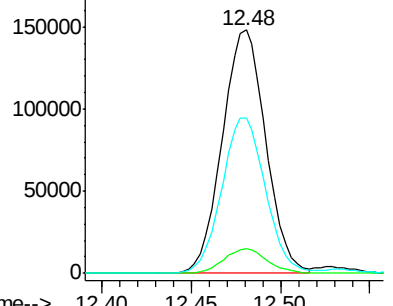
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 44.832 ug/l m

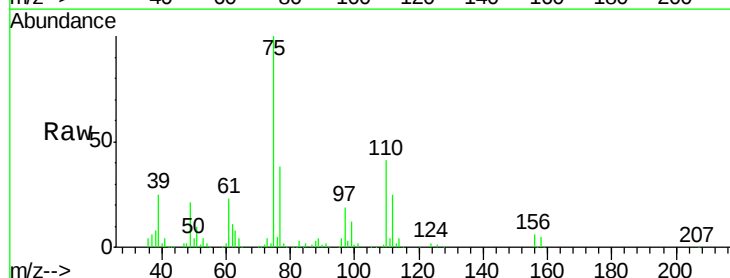
RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061554.D

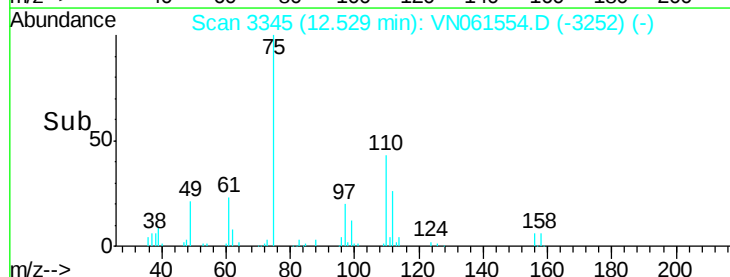
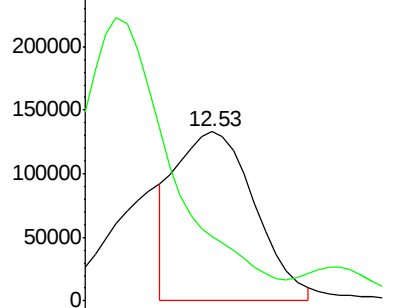
Acq: 29 May 2020 1:10

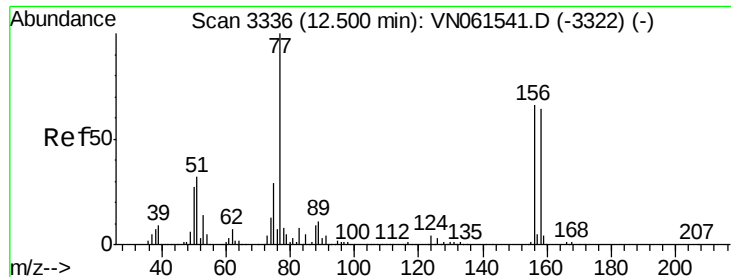
Tgt Ion:	75	Resp:	222924
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)





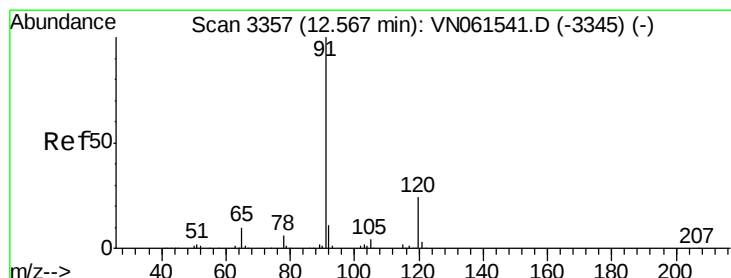
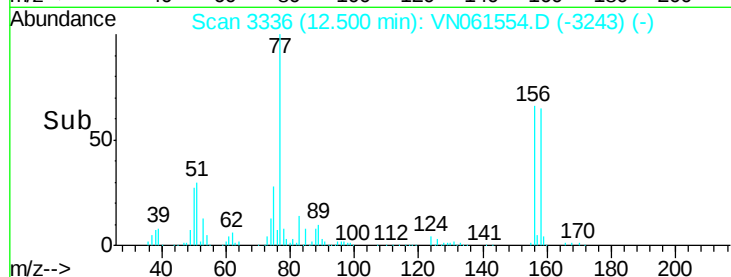
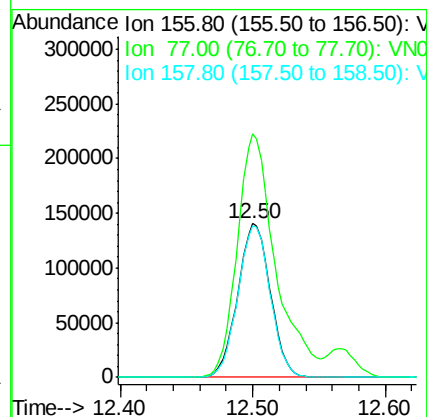
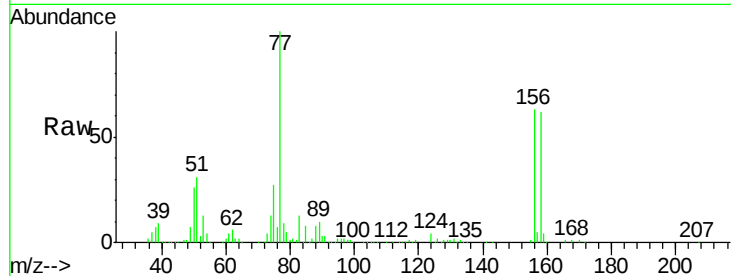
#77
Bromobenzene
Concen: 47.139 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	186.8	90.9	272.7
158	97.9	48.4	145.3

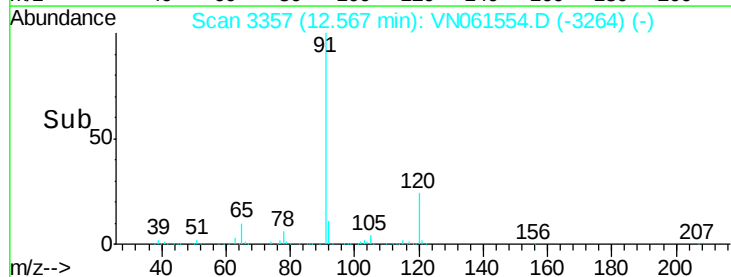
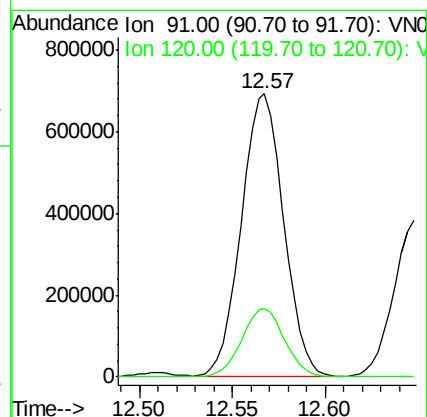
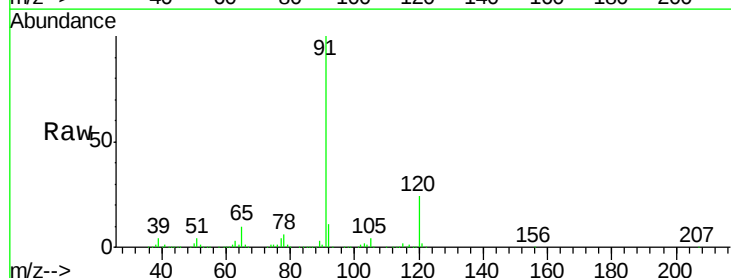
Manual Integrations
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5/29/2020 5:50:36 PM



#78
n-propylbenzene
Concen: 48.942 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	12.3	36.9





#79

2-Chlorotoluene

Concen: 47.790 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 634941

Ion Ratio Lower Upper

91 100

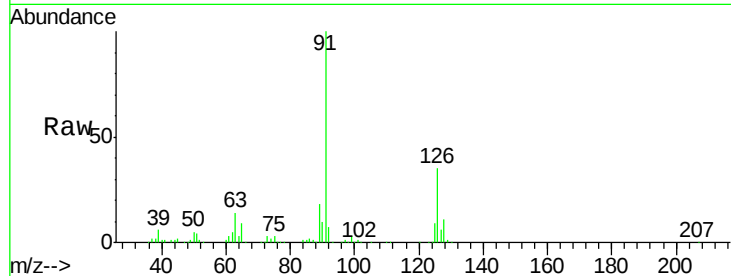
126 35.6 17.9 53.7

Manual Integrations

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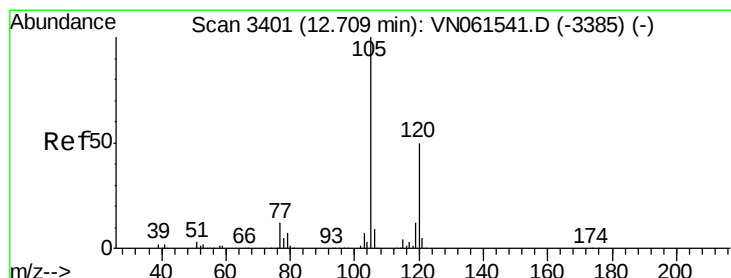
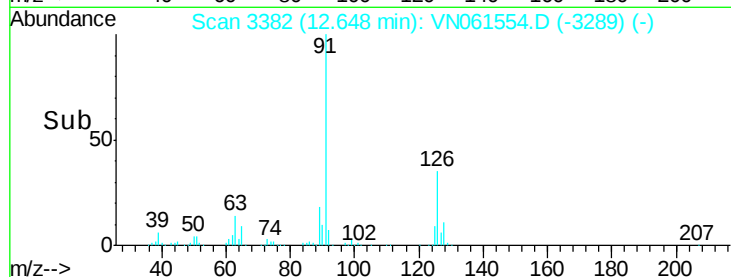
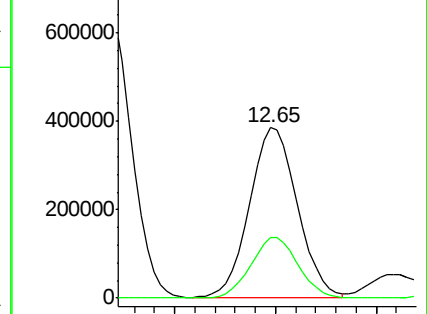
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN061554.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN061554.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.964 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061554.D

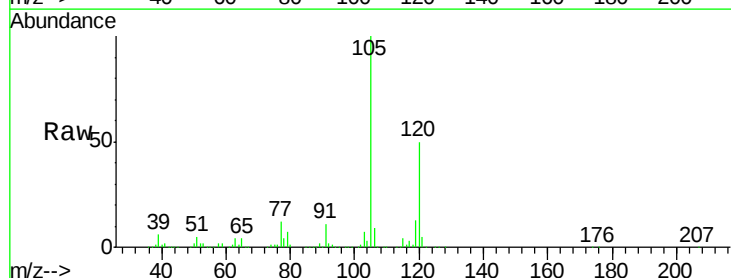
Acq: 29 May 2020 1:10

Tgt Ion: 105 Resp: 816806

Ion Ratio Lower Upper

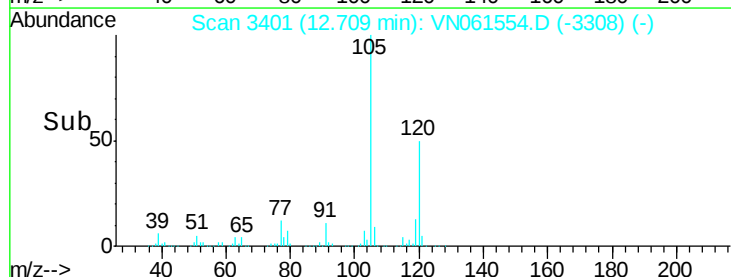
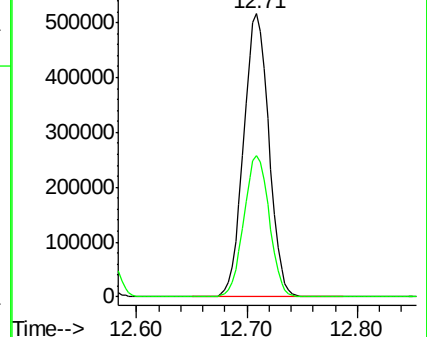
105 100

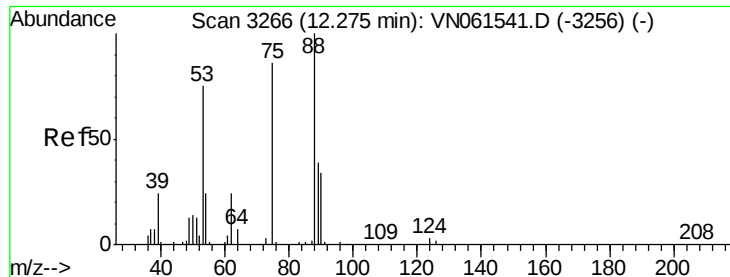
120 50.3 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061554.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN061554.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.751 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

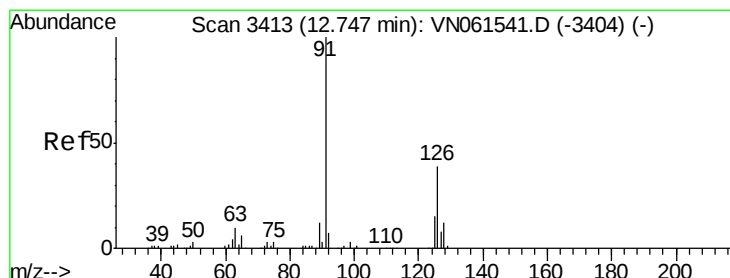
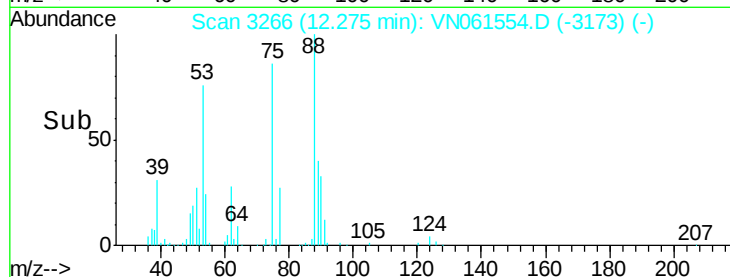
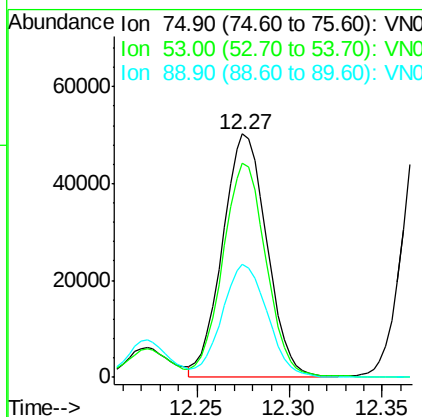
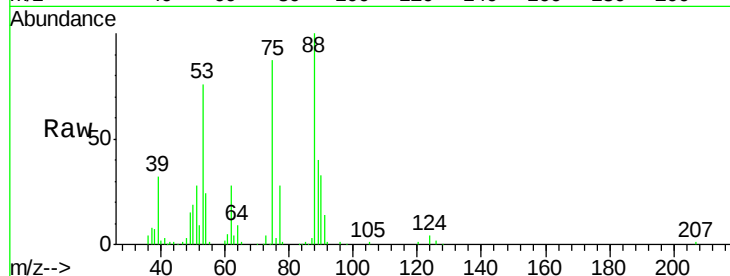
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	83127
Ion Ratio	Lower	Upper	
75	100		
53	86.9	67.8	101.8
89	47.8	37.1	55.7

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#82

4-Chlorotoluene

Concen: 47.898 ug/l

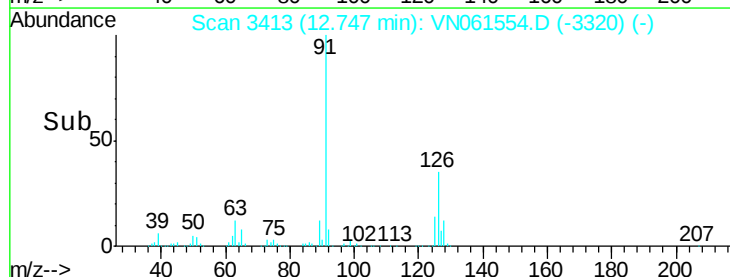
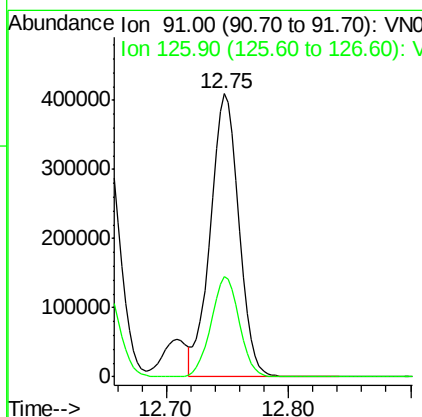
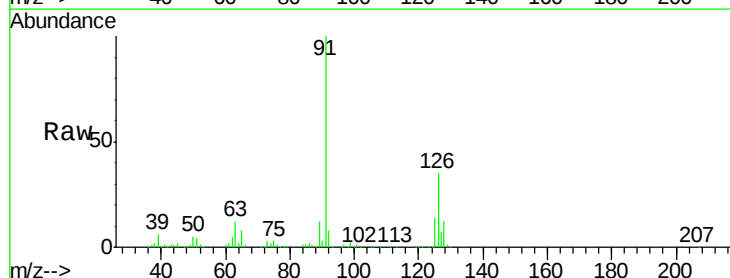
RT: 12.75 min Scan# 3413

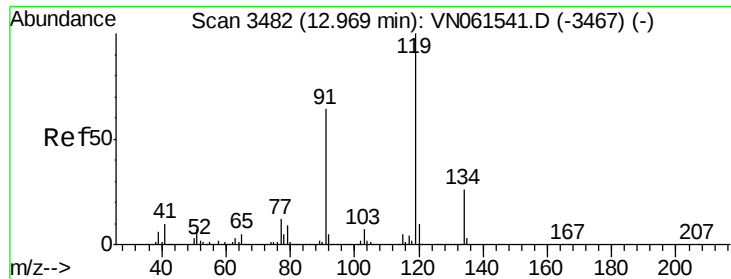
Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion:	91	Resp:	669476
Ion Ratio	Lower	Upper	
91	100		
126	35.2	17.5	52.6





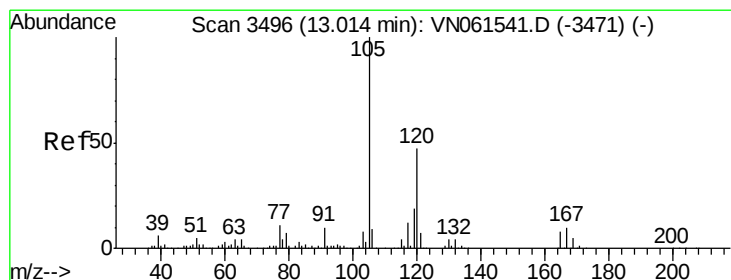
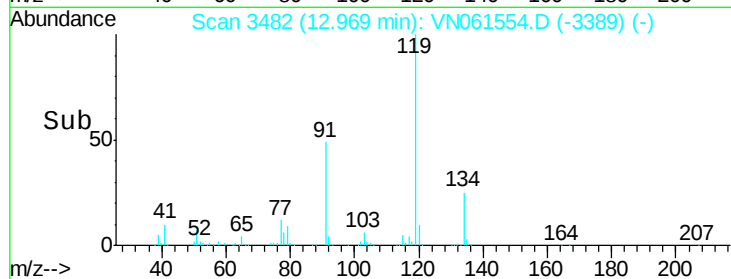
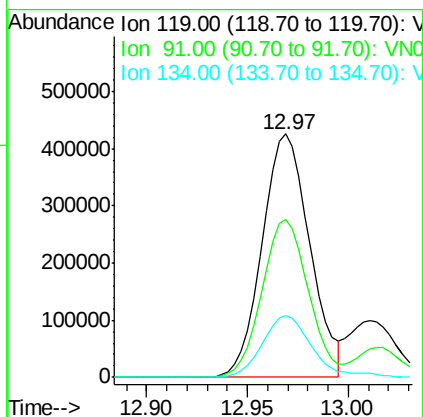
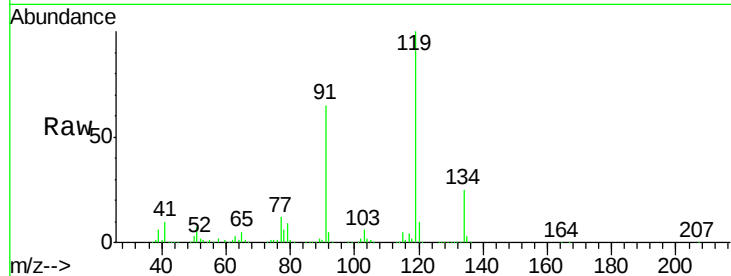
#83
tert-Butylbenzene
Concen: 47.324 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	697518		
91	63.7	31.3	93.8	
134	26.5	13.5	40.4	

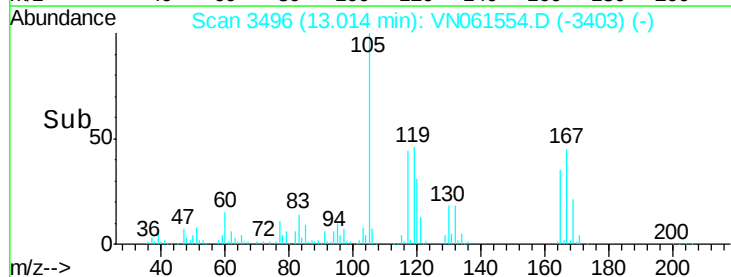
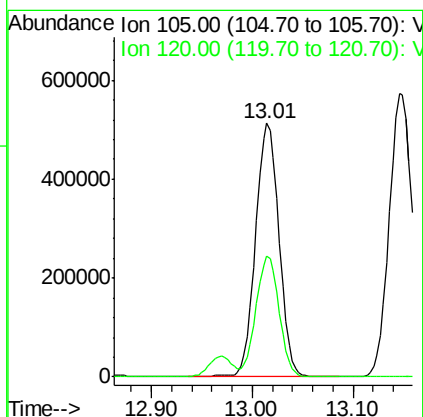
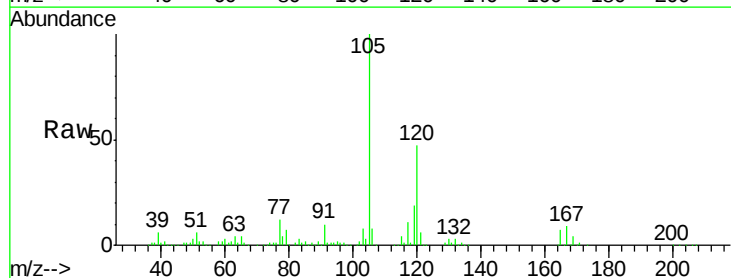
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 49.829 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	825774		
120	47.2	23.2	69.5	





#85

sec-Butylbenzene

Concen: 48.845 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 927699

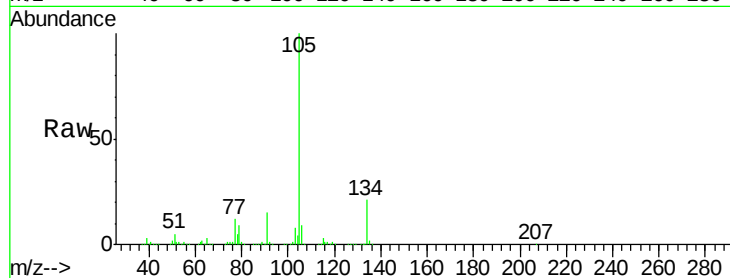
Ion Ratio Lower Upper

105 100

134 20.9 10.7 31.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

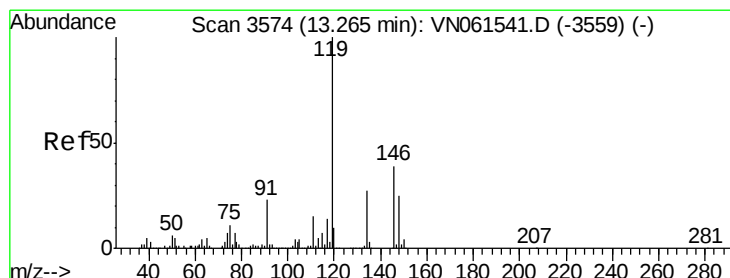
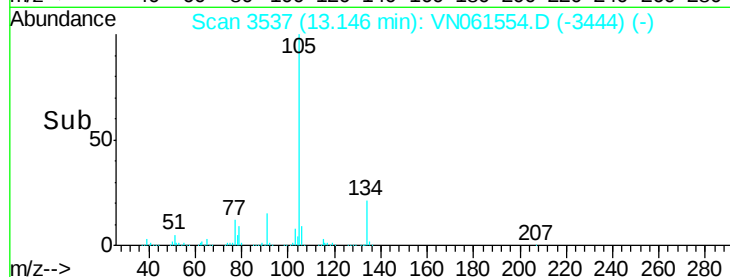
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 49.621 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

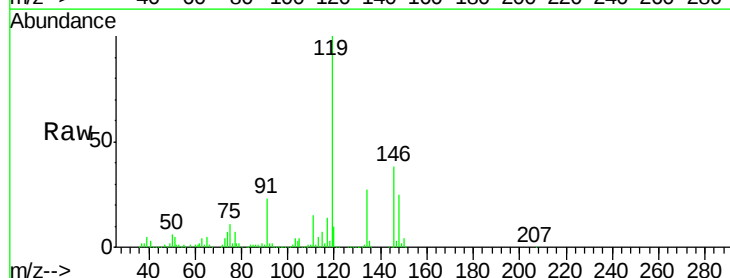
Tgt Ion:119 Resp: 867900

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.5

91 22.7 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

13.26

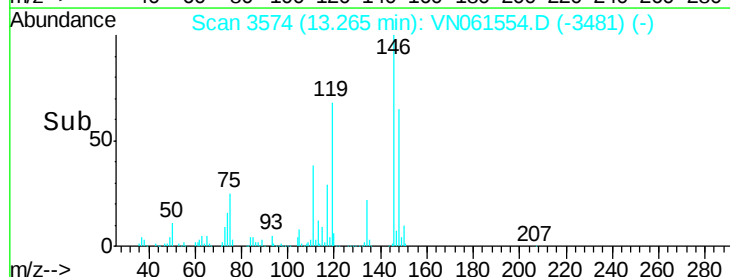
600000

400000

200000

0

Time-->





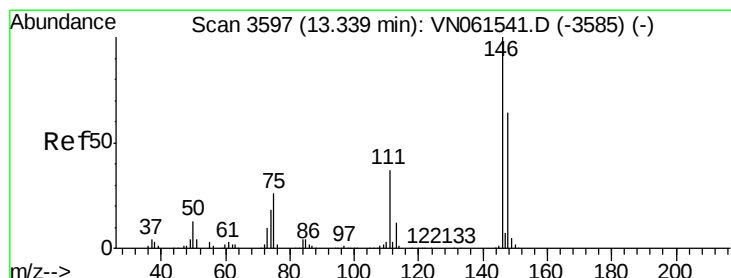
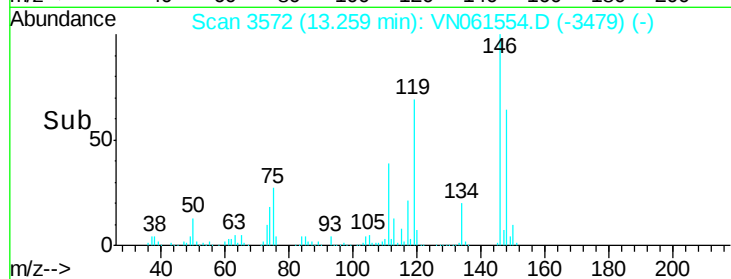
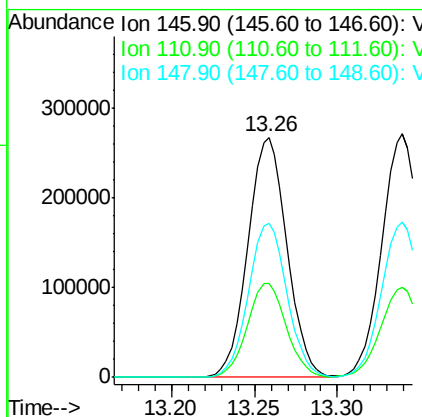
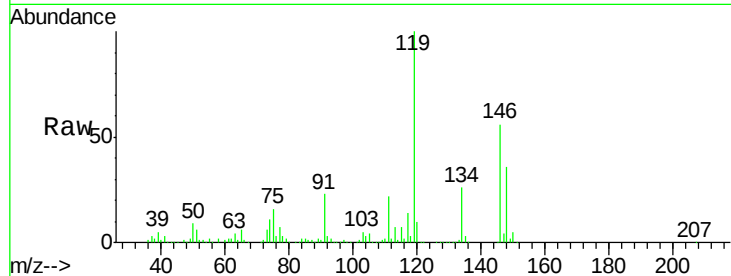
#87
 1,3-Dichlorobenzene
 Concen: 48.581 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	438271		
111	39.1	19.2	57.6	
148	63.6	31.7	95.1	

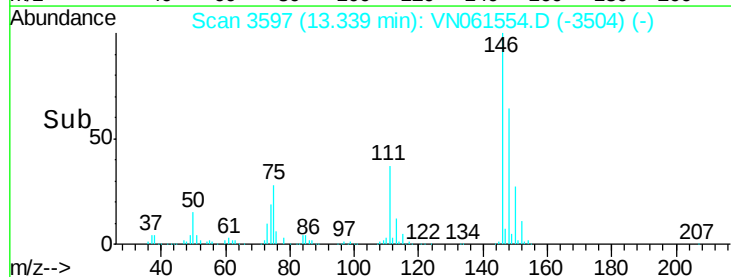
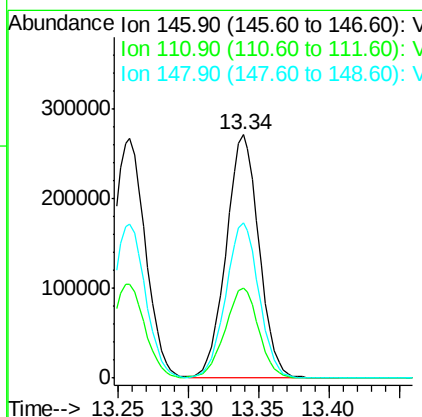
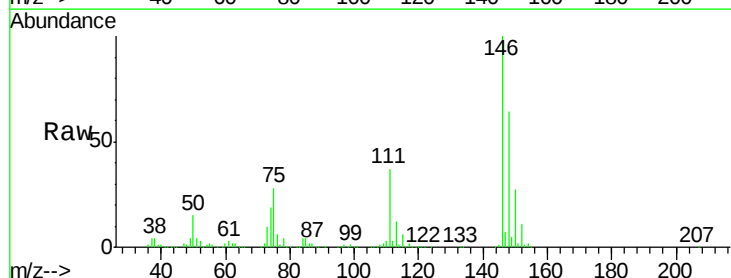
Manual Integrations
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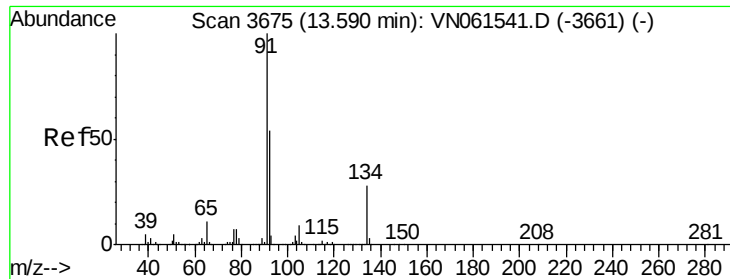
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#88
 1,4-Dichlorobenzene
 Concen: 47.716 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	438528		
111	37.8	18.9	56.9	
148	64.6	31.8	95.3	





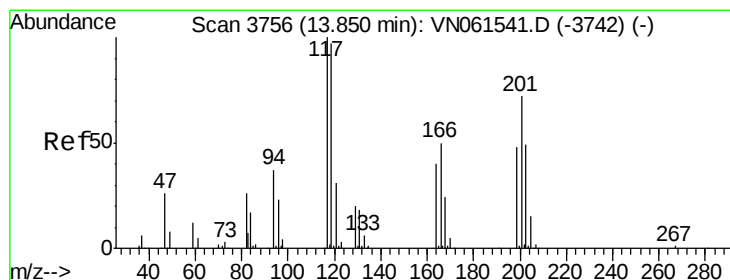
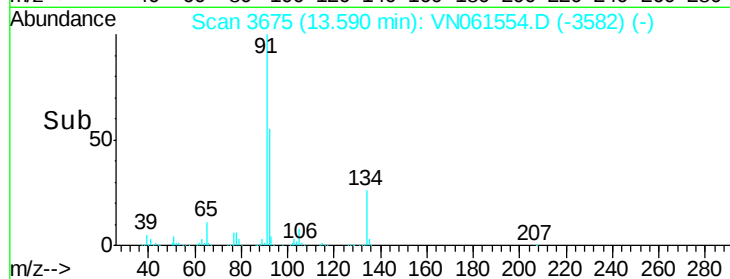
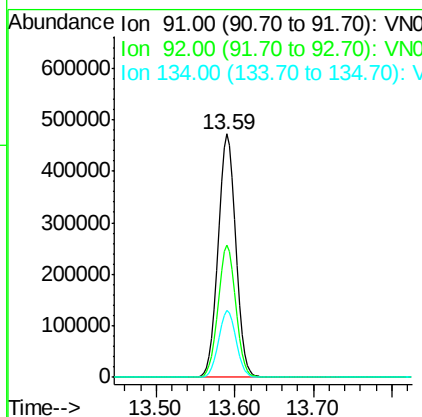
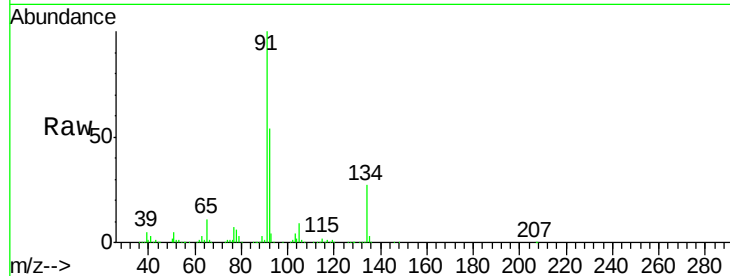
#89
n-Butylbenzene
Concen: 49.712 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.6
134	27.4	14.0	42.0

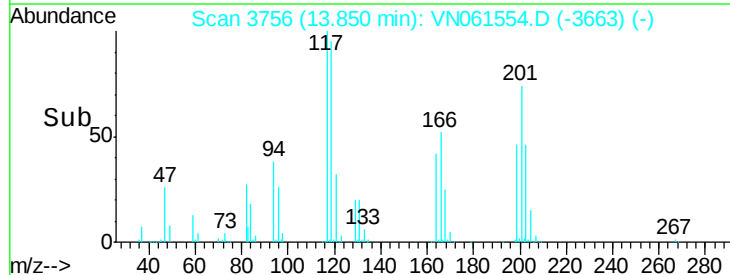
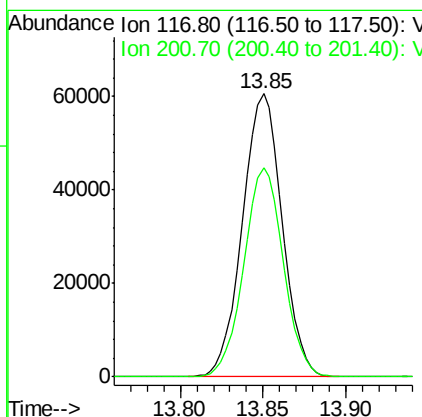
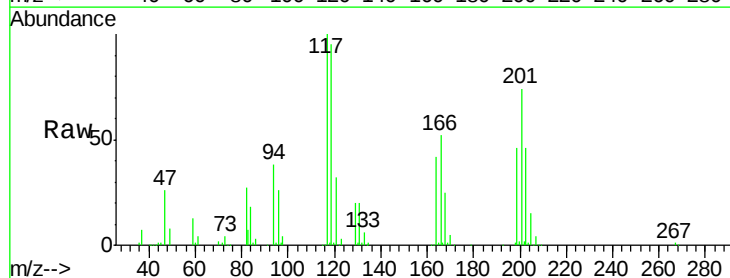
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#90
Hexachloroethane
Concen: 52.271 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061554.D
Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.5	36.7	110.1





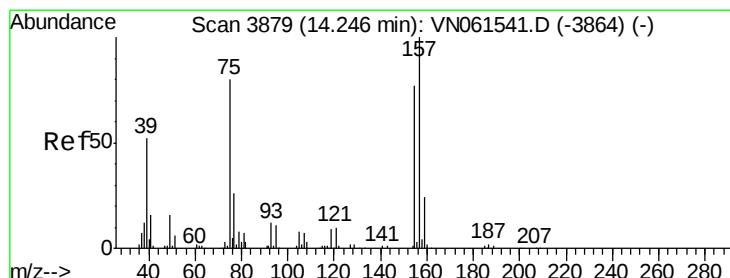
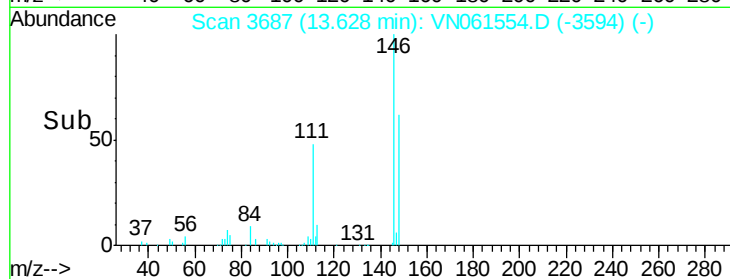
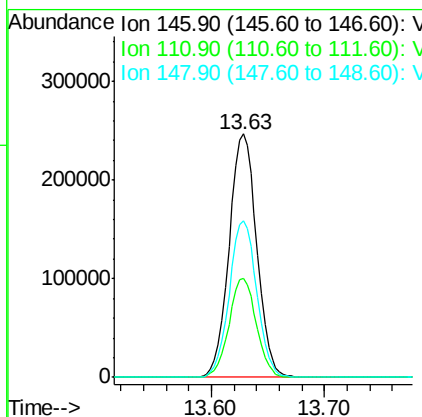
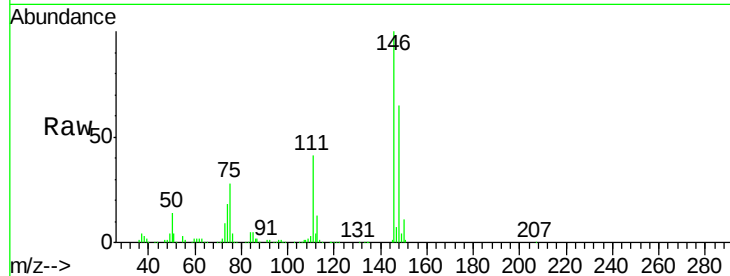
#91
 1,2-Dichlorobenzene
 Concen: 48.548 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.1	60.2
148	64.3	31.9	95.5

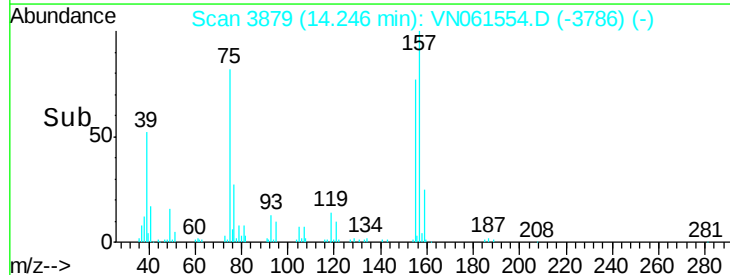
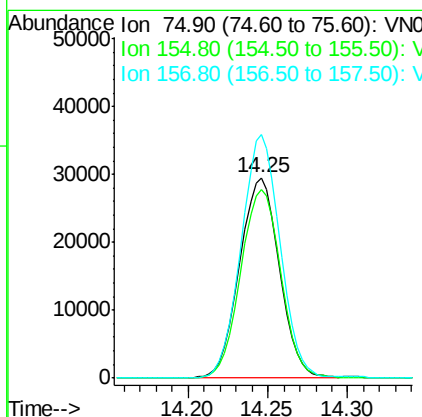
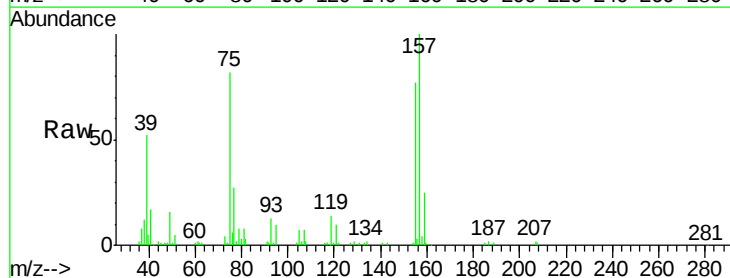
Manual Integrations
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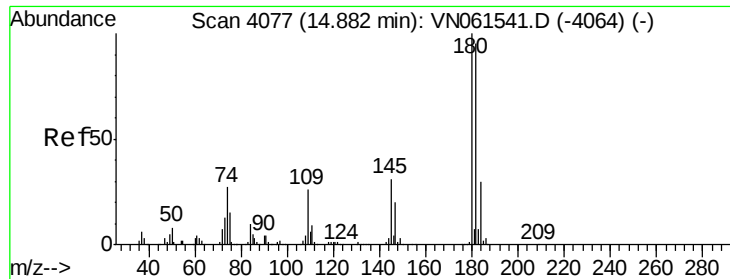
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.166 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	47.1	141.4
157	118.4	60.3	180.8





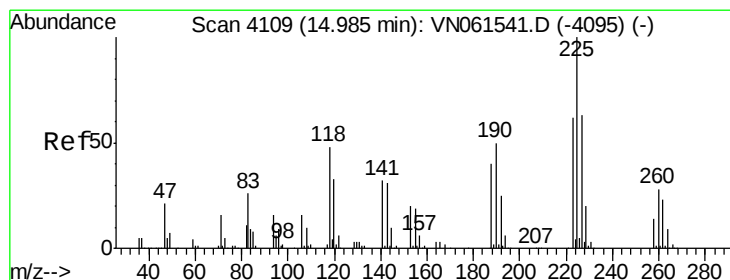
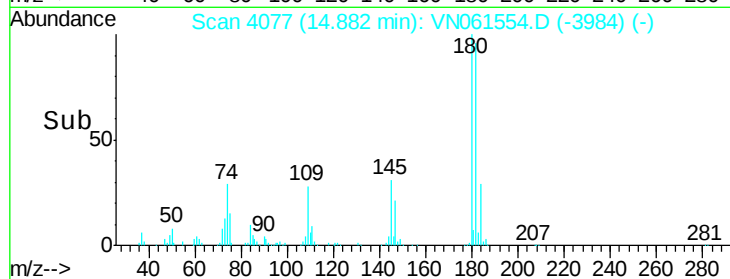
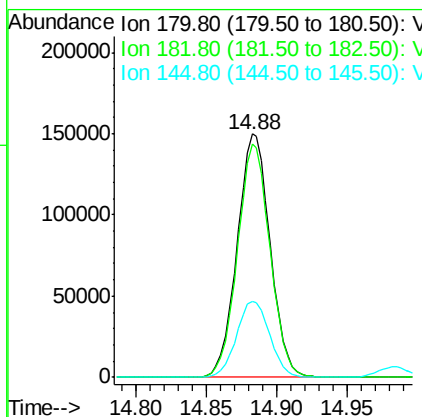
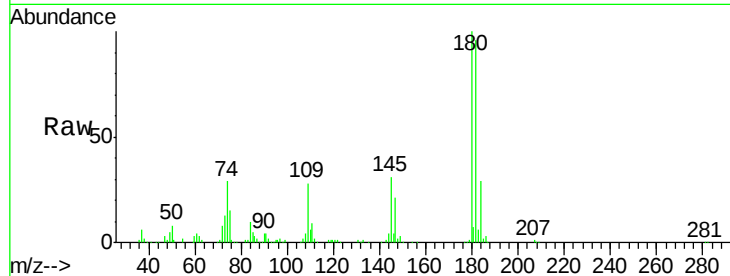
#93
 1,2,4-Trichlorobenzene
 Concen: 48.537 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	244733		
182	94.7	47.8	143.3	
145	31.7	15.5	46.5	

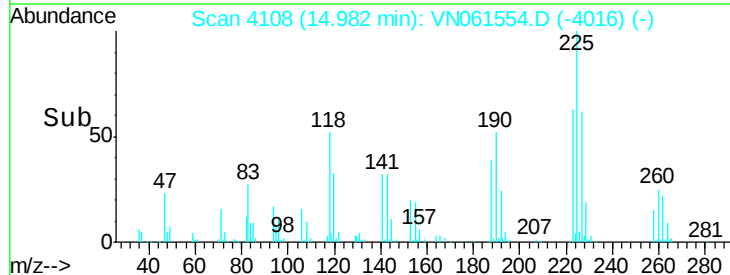
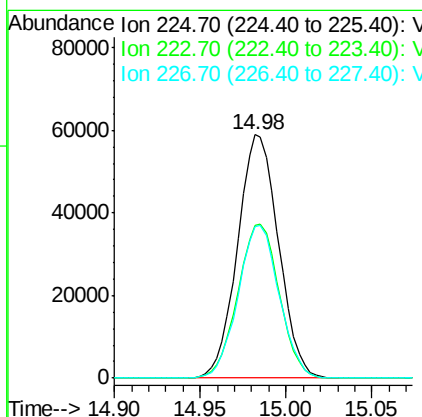
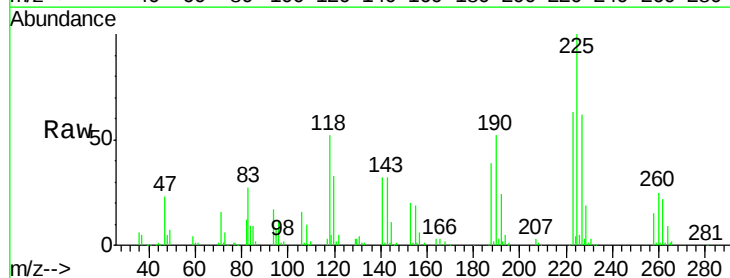
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 45.168 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061554.D
 Acq: 29 May 2020 1:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97130		
223	64.2	31.9	95.5	
227	63.0	31.9	95.9	





#95

Naphthalene

Concen: 48.905 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Instrument :

MSVOA_N

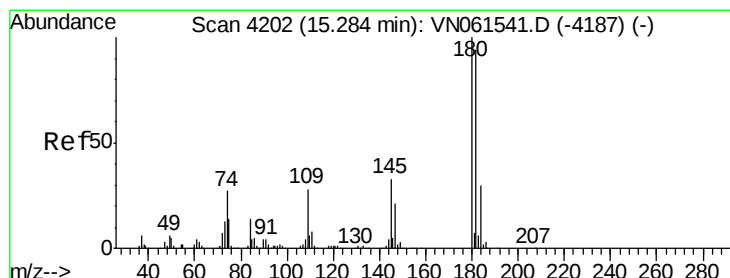
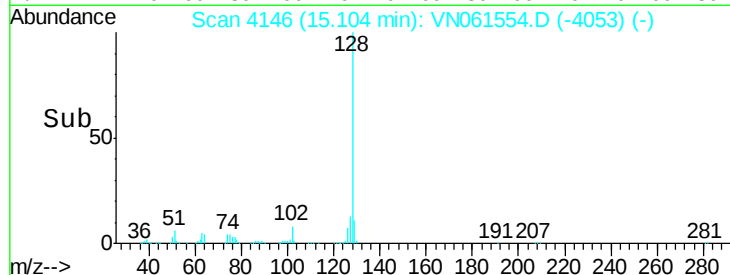
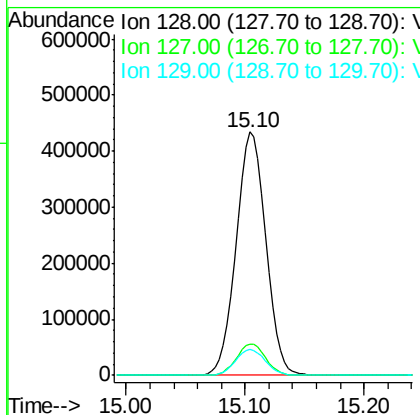
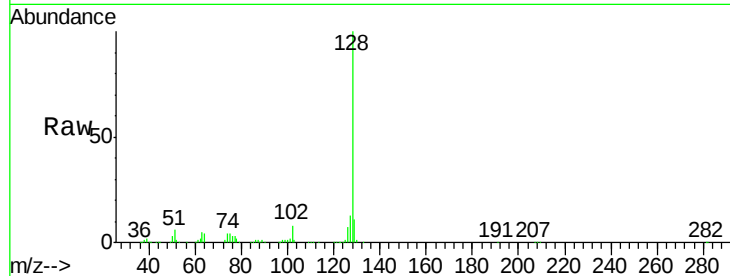
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		750546		
127	12.7		10.0	15.0	
129	10.6		8.5	12.7	

Manual Integrations
APPROVED

MMDadoda
5/29/2020 5:50:36 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.068 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061554.D

Acq: 29 May 2020 1:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		238299		
182	95.2		47.1	141.3	
145	33.8		16.3	48.9	

