

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080320\
 Data File : VN062725.D
 Acq On : 3 Aug 2020 9:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Quant Time: Aug 04 04:09:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	155587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	233575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	117815	50.00	ug/l	0.00

System Monitoring Compounds

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33) 1,2-Dichloroethane-d4	7.98	65	119309	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
35) Dibromofluoromethane	7.54	113	78952	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.06	98	312199	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
62) 4-Bromofluorobenzene	12.37	95	120712	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	

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Target Compounds

Qvalue

2) Dichlorodifluoromethane	1.83	85	89697	48.332	ug/l	100
3) Chloromethane	2.03	50	94659	37.606	ug/l	97
4) Vinyl Chloride	2.16	62	90688	41.560	ug/l	99
5) Bromomethane	2.50	94	54401	56.287	ug/l	96
6) Chloroethane	2.65	64	54301	55.013	ug/l	100
7) Trichlorofluoromethane	2.97	101	155595	60.731	ug/l	100
8) Diethyl Ether	3.37	74	54967	45.879	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.71	101	84621	51.515	ug/l	97
10) Methyl Iodide	3.91	142	106443	50.686	ug/l	94
11) Tert butyl alcohol	4.73	59	80093	208.308	ug/l	98
12) 1,1-Dichloroethene	3.69	96	78398	47.059	ug/l	99
13) Acrolein	3.56	56	64924	164.889	ug/l	100
14) Allyl chloride	4.27	41	151720	42.102	ug/l	90
15) Acrylonitrile	4.92	53	227427	220.835	ug/l	98
16) Acetone	3.77	43	301877	331.907	ug/l	99
17) Carbon Disulfide	4.00	76	225690	41.232	ug/l	99
18) Methyl Acetate	4.27	43	106570	46.284	ug/l	94
19) Methyl tert-butyl Ether	4.99	73	312183	50.913	ug/l	97
20) Methylene Chloride	4.50	84	95834	43.932	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	87191	47.156	ug/l	92
22) Diisopropyl ether	5.90	45	313930	43.827	ug/l	97
23) Vinyl Acetate	5.84	43	1318592	224.662	ug/l	98
24) 1,1-Dichloroethane	5.79	63	181321	47.008	ug/l	99
25) 2-Butanone	6.78	43	338897	244.660	ug/l	95
26) 2,2-Dichloropropane	6.77	77	171769	54.246	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	100786	47.769	ug/l	99
28) Bromochloromethane	7.14	49	83702	44.094	ug/l	91
29) Tetrahydrofuran	7.16	42	196058	209.175	ug/l	94
30) Chloroform	7.33	83	185261	50.515	ug/l	99
31) Cyclohexane	7.61	56	150902	42.372	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	168537	55.042	ug/l	99
36) 1,1-Dichloropropene	7.75	75	137383	53.042	ug/l	99
37) Ethyl Acetate	6.88	43	126642	45.360	ug/l	99
38) Carbon Tetrachloride	7.73	117	150230	60.342	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	150132	53.847	ug/l	98
40) Benzene	8.00	78	383497	48.907	ug/l	99
41) Methacrylonitrile	7.12	41	53422	44.646	ug/l	93
42) 1,2-Dichloroethane	8.08	62	165161	57.613	ug/l	97
43) Isopropyl Acetate	8.12	43	218038	48.444	ug/l #	91
44) Trichloroethene	8.80	130	91843	51.938	ug/l	99
45) 1,2-Dichloropropane	9.08	63	105074	47.726	ug/l	98
46) Dibromomethane	9.17	93	67773	53.261	ug/l	99
47) Bromodichloromethane	9.37	83	150411	54.561	ug/l	99
48) Methyl methacrylate	9.17	41	108246	50.593	ug/l	97
49) 1,4-Dioxane	9.17	88	31830	968.628	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	655193	243.292	ug/l	98
52) Toluene	10.12	92	243037	53.377	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	169509	55.235	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	176944	53.733	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	94926	53.748	ug/l	95
56) Ethyl methacrylate	10.40	69	153177	48.361	ug/l	95
57) 1,3-Dichloropropane	10.68	76	170137	52.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	241137	252.153	ug/l	96
59) 2-Hexanone	10.72	43	513253	246.478	ug/l	99
60) Dibromochloromethane	10.87	129	110926	56.299	ug/l	97
61) 1,2-Dibromoethane	10.98	107	96694	52.577	ug/l	99
64) Tetrachloroethene	10.60	164	78362	51.635	ug/l	97
65) Chlorobenzene	11.40	112	254304	51.933	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	101781	55.251	ug/l	98
67) Ethyl Benzene	11.48	91	482733	53.767	ug/l	100
68) m/p-Xylenes	11.59	106	351829	109.025	ug/l	98
69) o-Xylene	11.92	106	168672	55.043	ug/l	97
70) Styrene	11.94	104	297170	57.407	ug/l	98
71) Bromoform	12.10	173	78819	56.986	ug/l #	99
73) Isopropylbenzene	12.22	105	472737	50.746	ug/l	99
74) N-amyl acetate	12.04	43	194441	46.737	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	140067	43.268	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	137888m	45.981	ug/l	
77) Bromobenzene	12.50	156	109351	48.845	ug/l	95
78) n-propylbenzene	12.56	91	555385	50.896	ug/l	100
79) 2-Chlorotoluene	12.65	91	336316	50.010	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	422682	54.699	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	52660	48.884	ug/l	95
82) 4-Chlorotoluene	12.75	91	354794	50.686	ug/l	99
83) tert-Butylbenzene	12.97	119	342074	53.311	ug/l	96
84) 1,2,4-Trimethylbenzene	13.01	105	418772	55.243	ug/l	98
85) sec-Butylbenzene	13.15	105	467402	54.410	ug/l	99
86) p-Isopropyltoluene	13.26	119	428211	57.957	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	204424	52.034	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	199333	51.542	ug/l	97
89) n-Butylbenzene	13.59	91	371332	58.492	ug/l	100
90) Hexachloroethane	13.85	117	78830	50.119	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	194932	51.891	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	31433	53.480	ug/l	93

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Manual Integrations
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QLast Update : Tue Jul 21 18:48:59 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	99710	50.452	ug/l	99
94) Hexachlorobutadiene	14.98	225	66779	65.849	ug/l	99
95) Naphthalene	15.10	128	248513	47.625	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	99988	56.480	ug/l	97

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

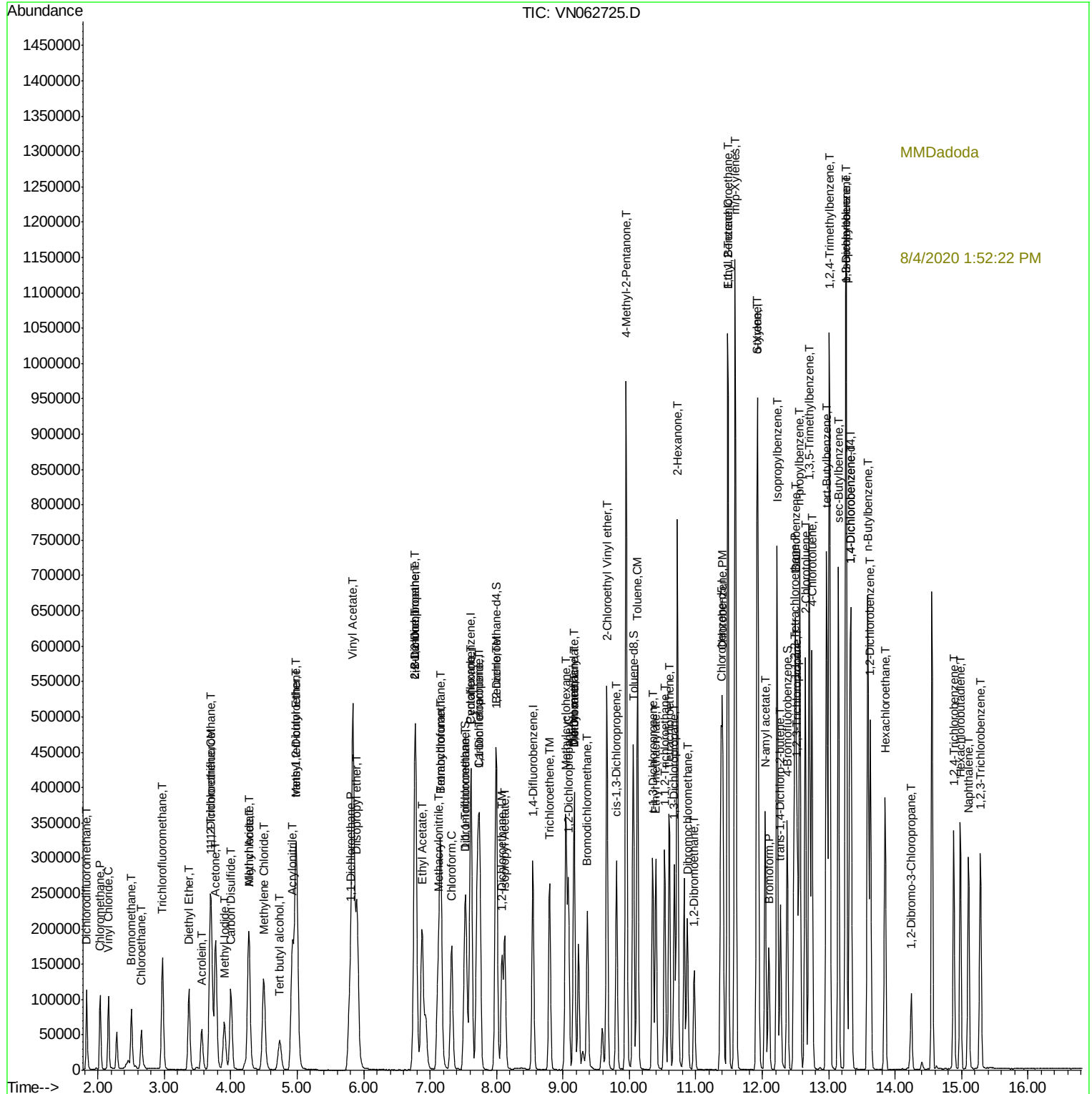
8/4/2020 1:52:22 PM

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080320\
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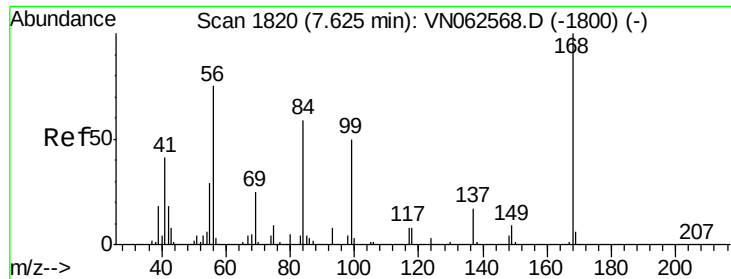
Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

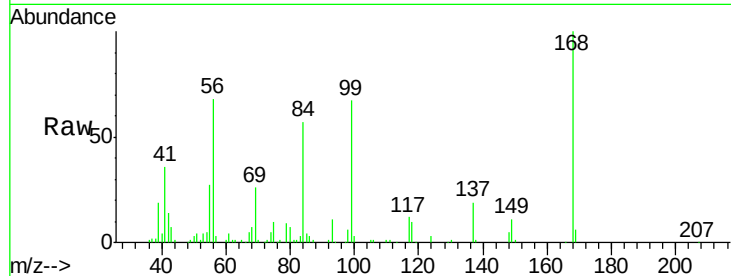
Tot Ion:168 Resp: 155587

Ion Ratio Lower Upper

168 100

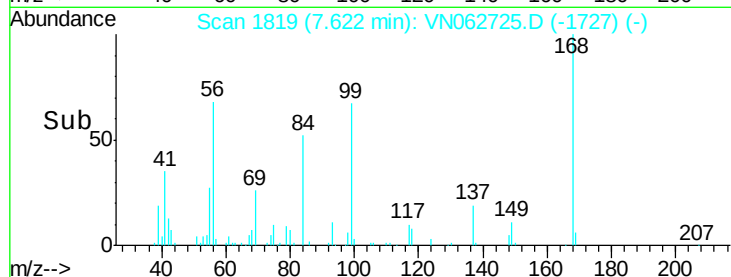
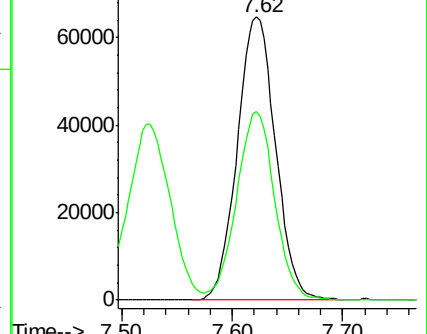
99 66.3 48.4 72.6

Manual Integrations
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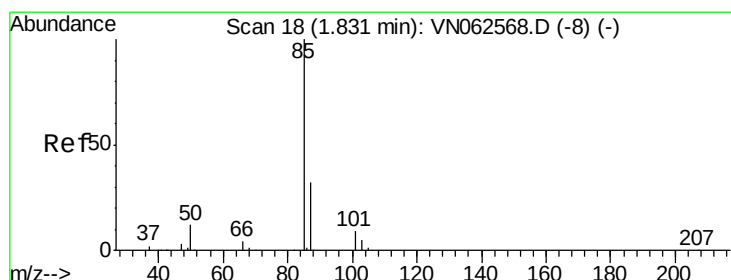
Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



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#2

Dichlorodifluoromethane

Concen: 48.332 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062725.D

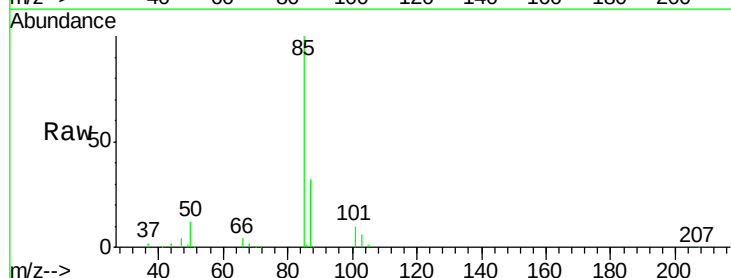
Acq: 3 Aug 2020 9:21

Tgt Ion: 85 Resp: 89697

Ion Ratio Lower Upper

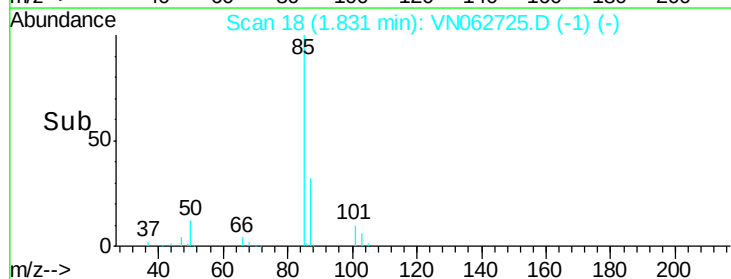
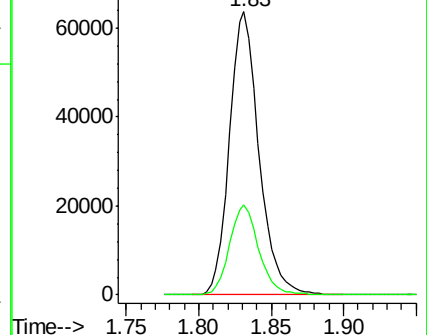
85 100

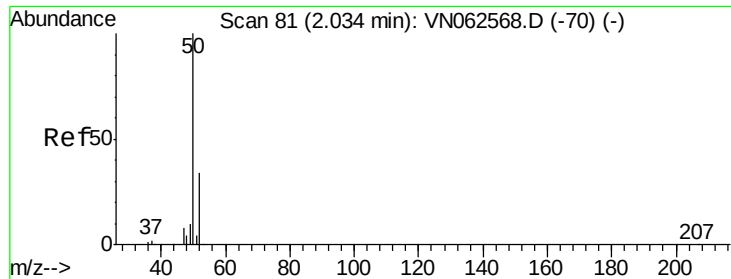
87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 37.606 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Tot Ion: 50 Resp: 94659

Ion Ratio Lower Upper

50 100

52 32.0 27.0 40.4

Instrument :

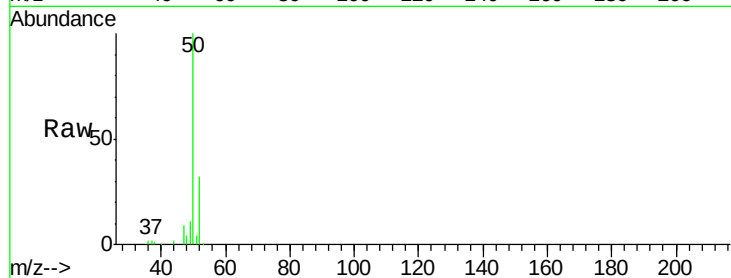
MSVOA_N

ClientSampleId :

VSTDCCC050

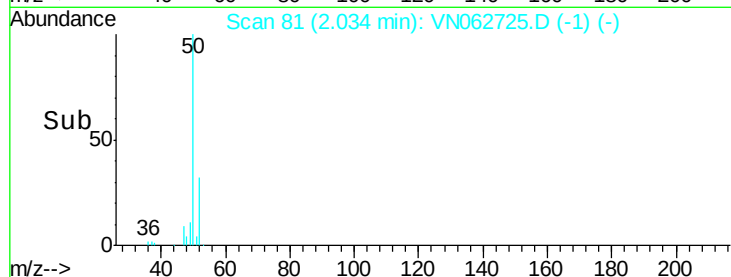
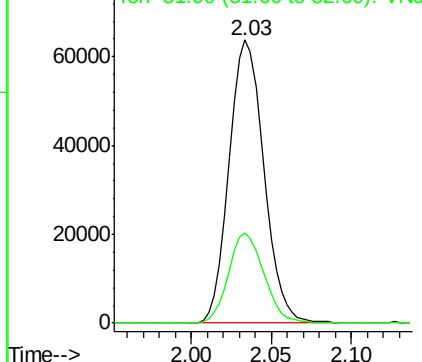
Manual Integrations

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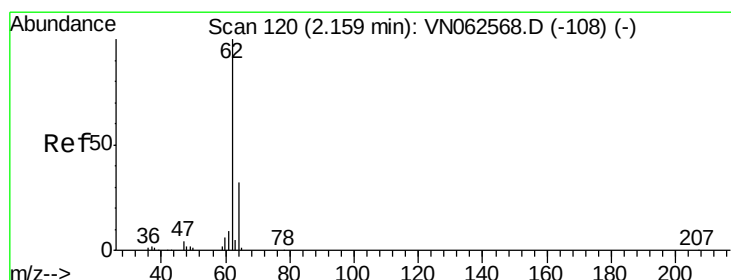
Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



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#4

Vinyl Chloride

Concen: 41.560 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062725.D

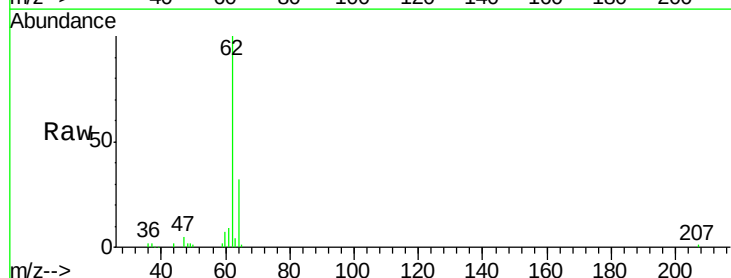
Acq: 3 Aug 2020 9:21

Tgt Ion: 62 Resp: 90688

Ion Ratio Lower Upper

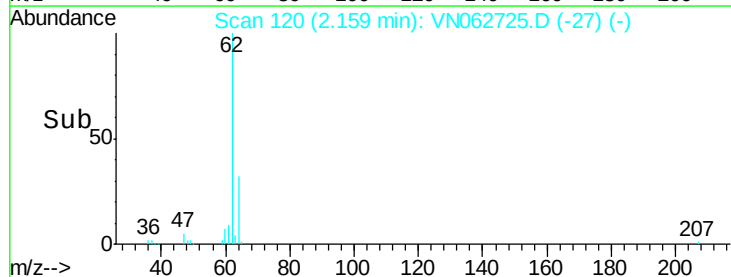
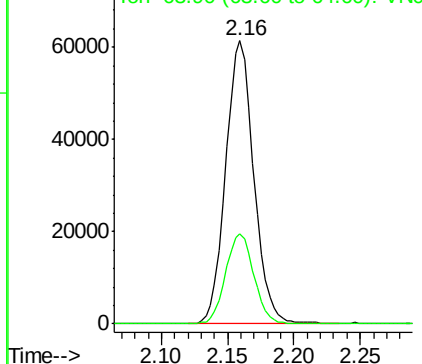
62 100

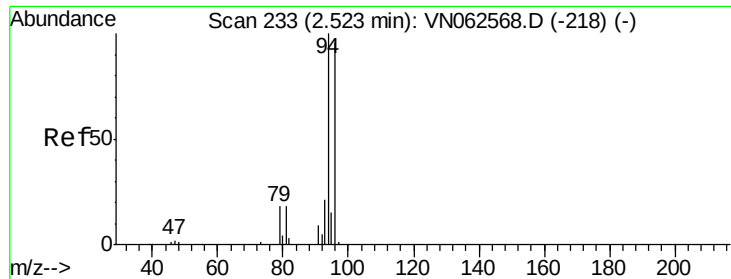
64 31.9 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 56.287 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.02 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

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VSTDCCC050

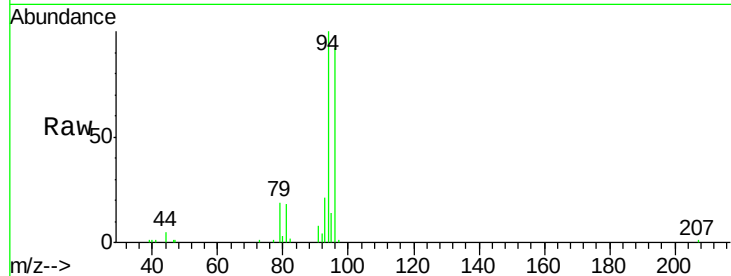
Tot Ion: 94 Resp: 54401

Ion Ratio Lower Upper

94 100

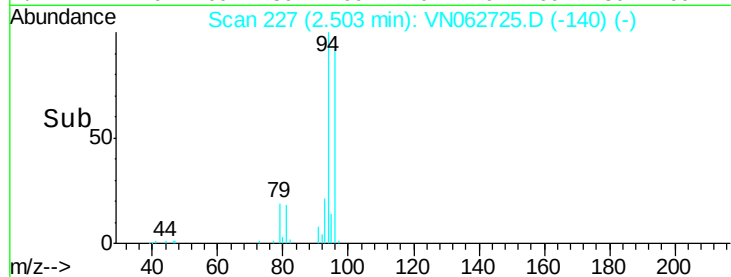
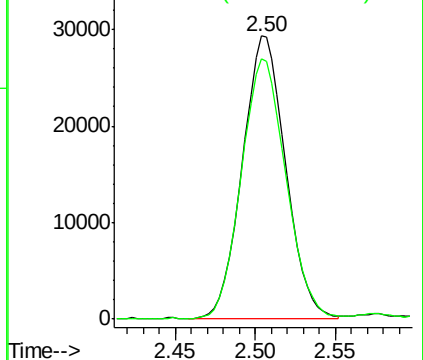
96 92.0 76.6 114.8

Manual Integrations
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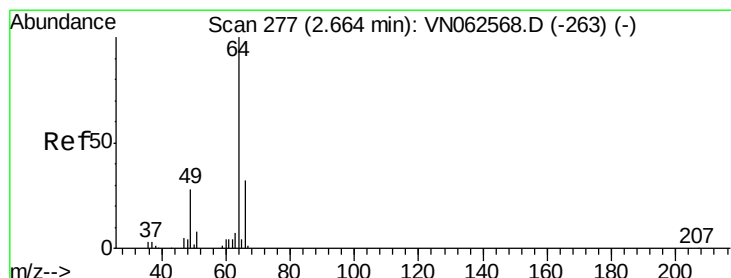
Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



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#6

Chloroethane

Concen: 55.013 ug/l

RT: 2.65 min Scan# 274

Delta R.T. -0.01 min

Lab File: VN062725.D

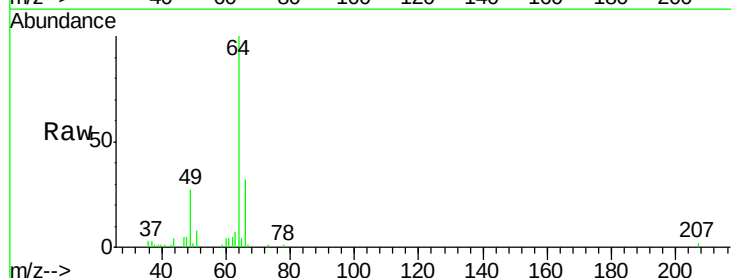
Acq: 3 Aug 2020 9:21

Tgt Ion: 64 Resp: 54301

Ion Ratio Lower Upper

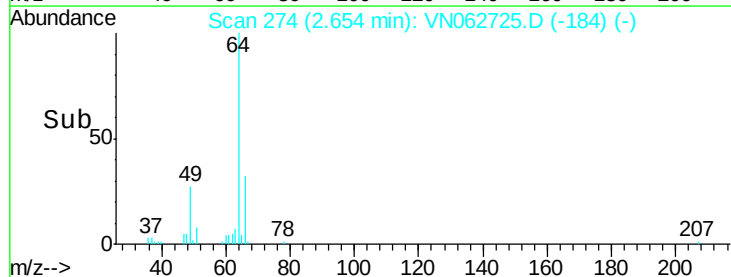
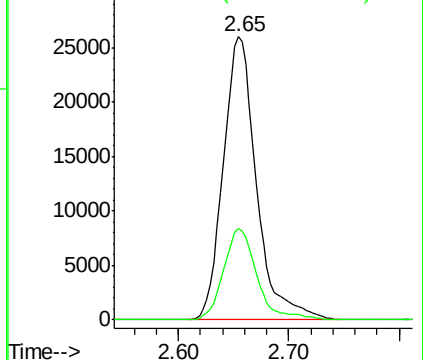
64 100

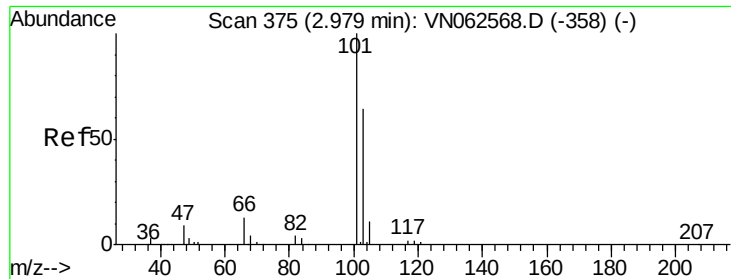
66 32.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





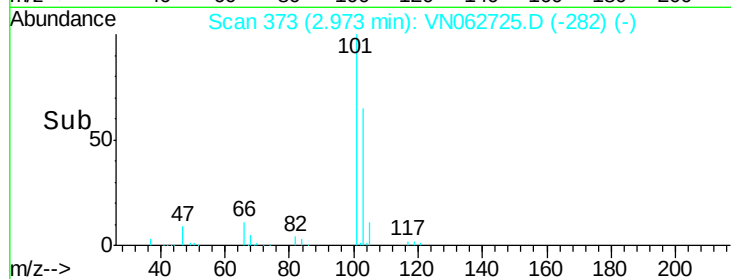
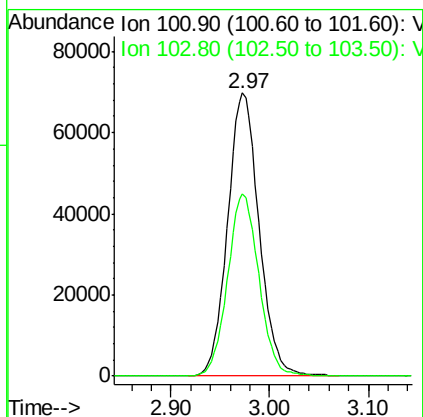
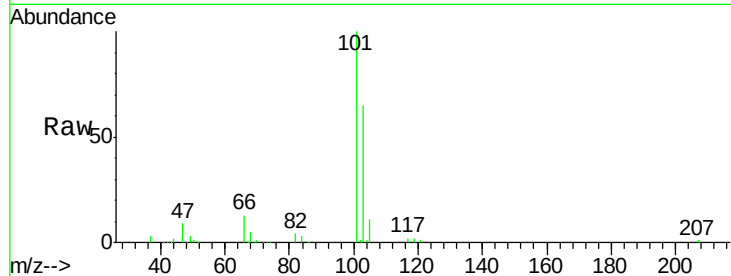
#7

Trichlorofluoromethane
Concen: 60.731 ug/l
RT: 2.97 min Scan# 373
Delta R.T. -0.01 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

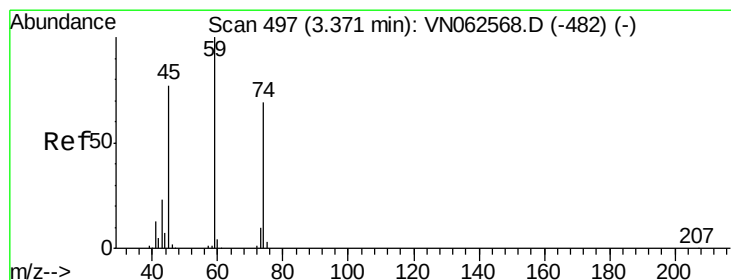
Tot Ion	Ratio	Resp	Lower	Upper
101	100	155595		
103	64.5	51.5	77.3	

Manual Integrations
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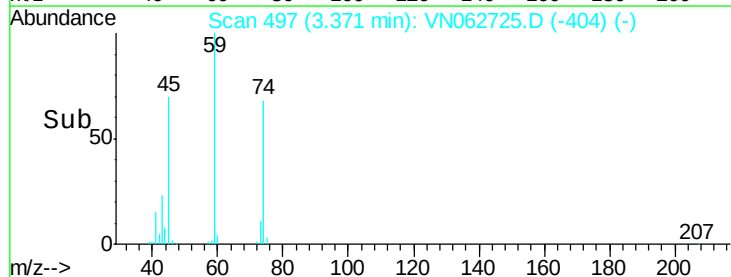
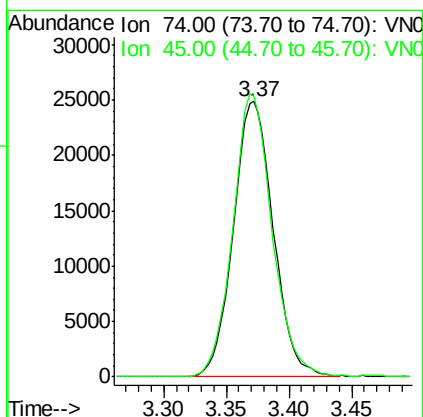
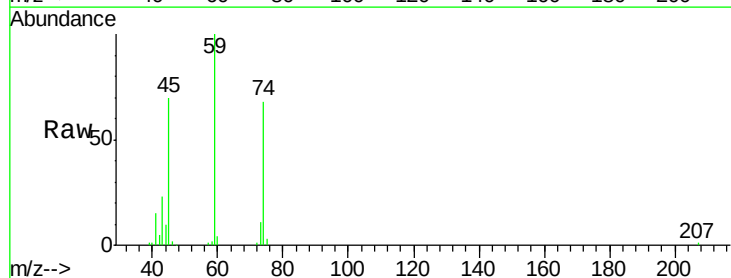
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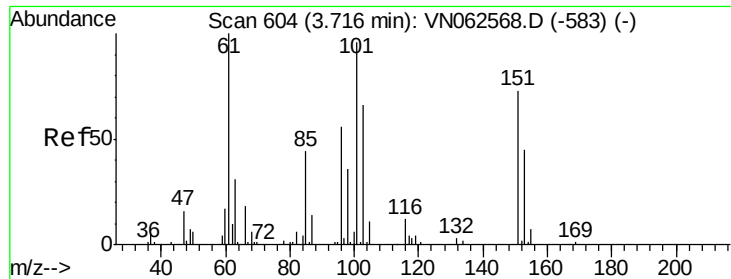


#8

Diethyl Ether
Concen: 45.879 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	54967		
45	101.4	55.3	165.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.515 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

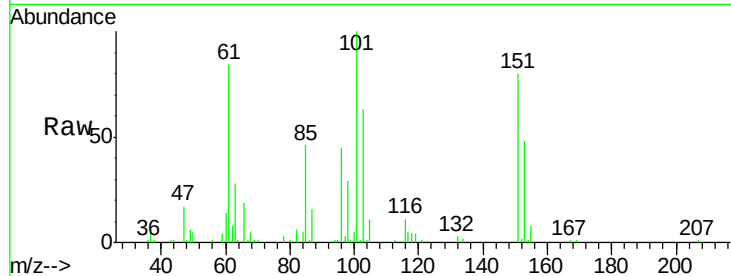
ClientSampleId :

VSTDCCC050

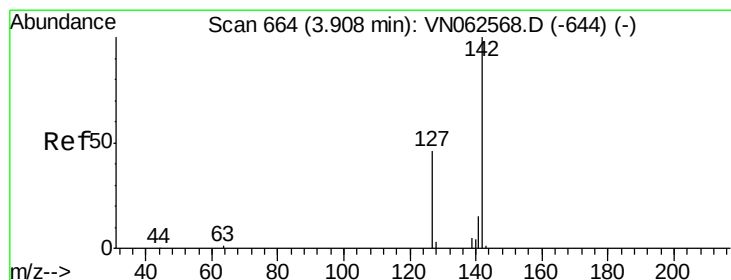
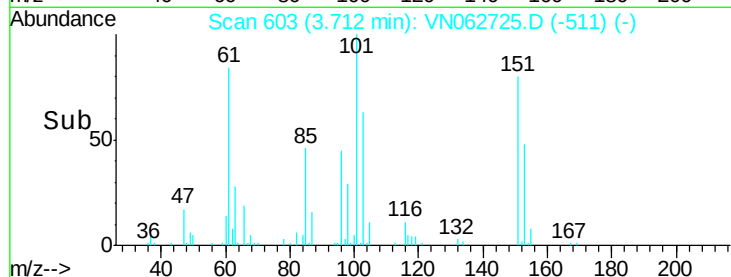
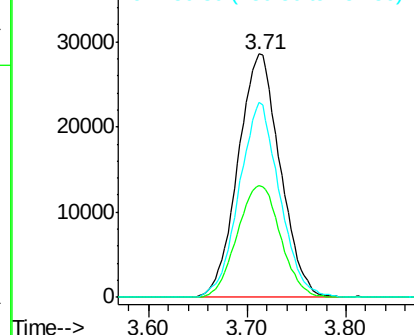
Tot Ion:	101	Resp:	84621
Ion Ratio	Lower	Upper	
101	100		
85	47.1	36.0	54.0
151	76.9	60.0	90.0

Manual Integrations
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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.686 ug/l

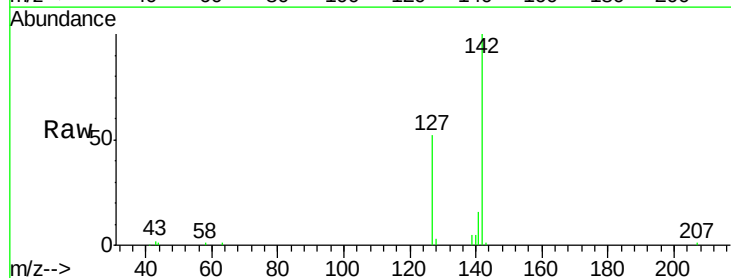
RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

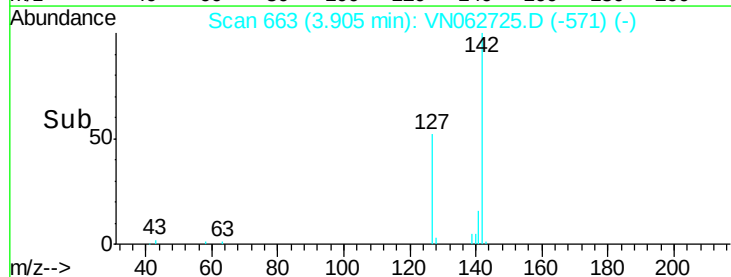
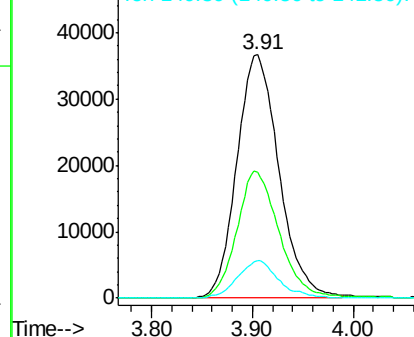
Lab File: VN062725.D

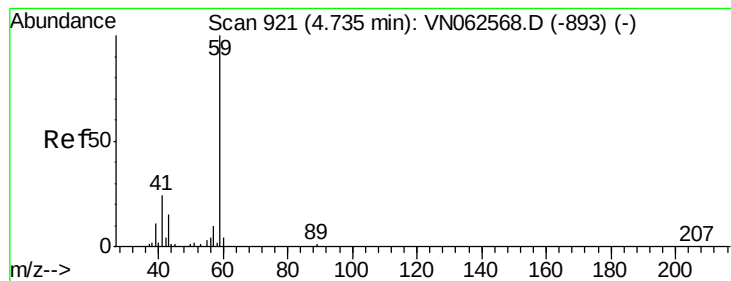
Acq: 3 Aug 2020 9:21

Tgt Ion:	142	Resp:	106443
Ion Ratio	Lower	Upper	
142	100		
127	52.0	37.4	56.0
141	15.0	11.9	17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

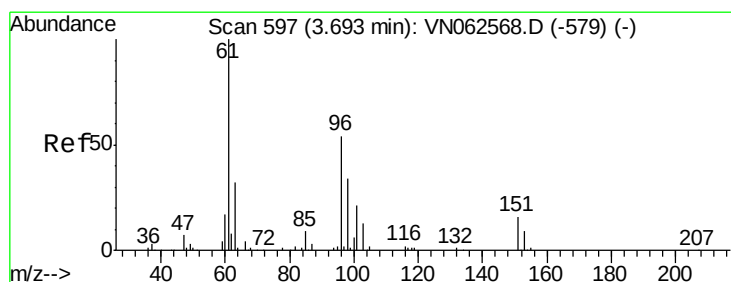
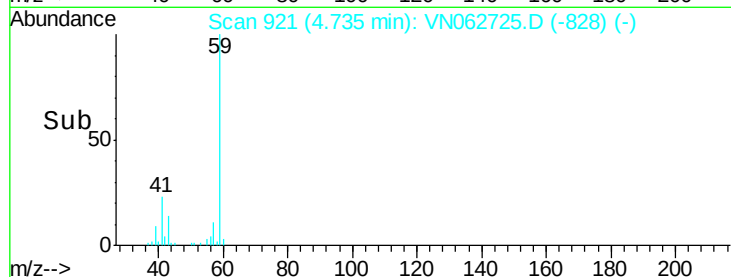
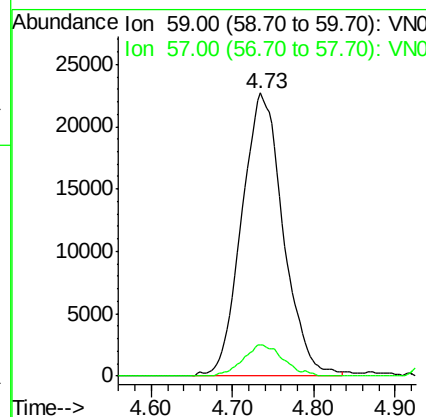
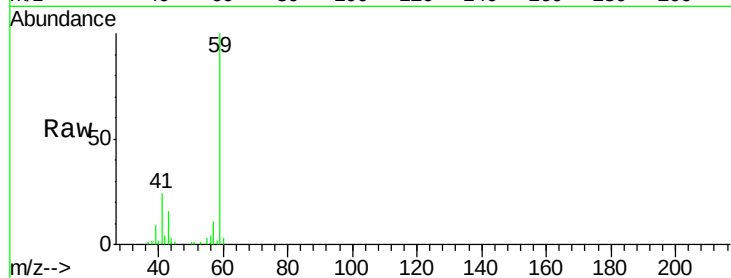
Tert butyl alcohol
 Concen: 208.308 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	80093
Ion Ratio	100	Lower	Upper
57	10.8	8.2	12.2

Manual Integrations
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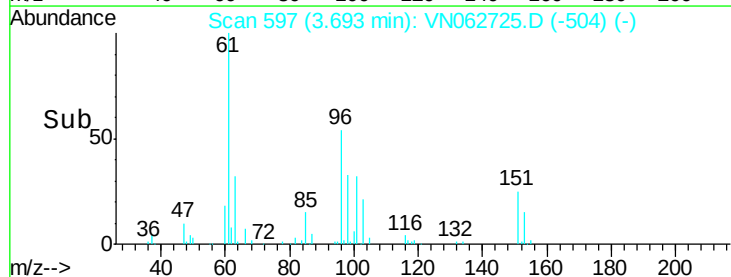
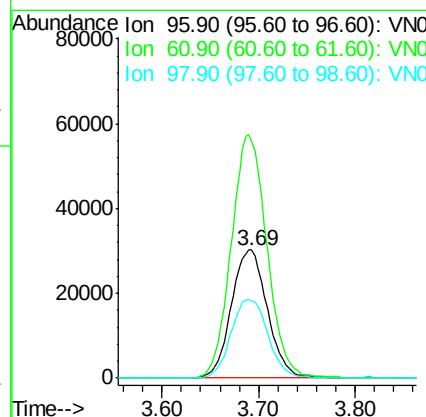
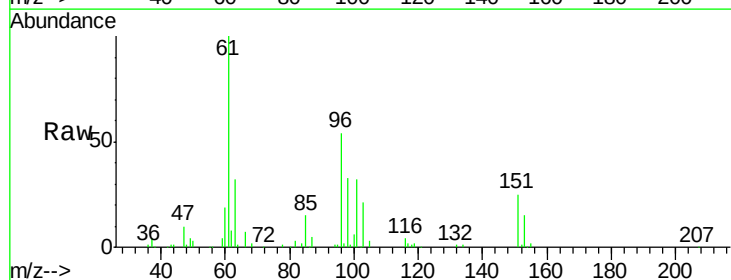
MMDadoda
 8/4/2020 1:52:22 PM

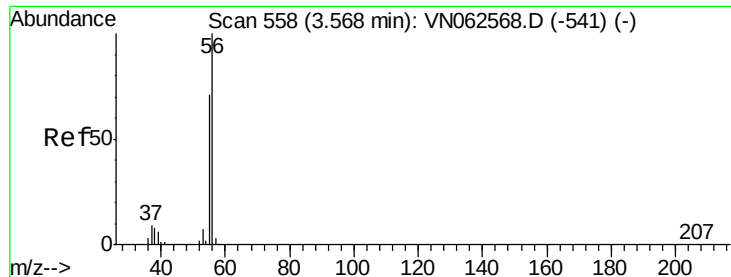


#12

1,1-Dichloroethene
 Concen: 47.059 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion	96	Resp	78398
Ion Ratio	100	Lower	Upper
61	185.2	148.6	222.8
98	60.7	50.6	75.8





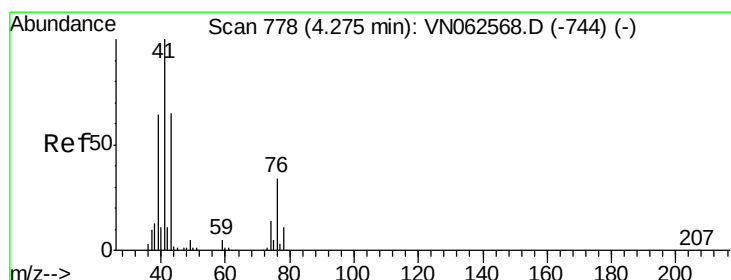
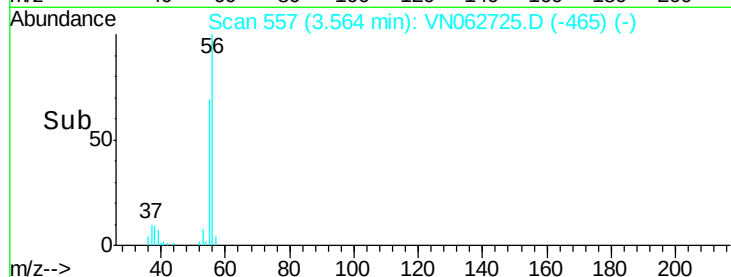
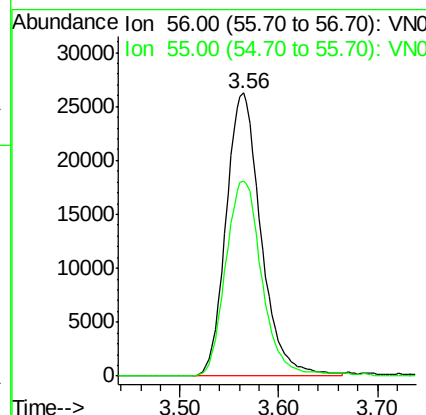
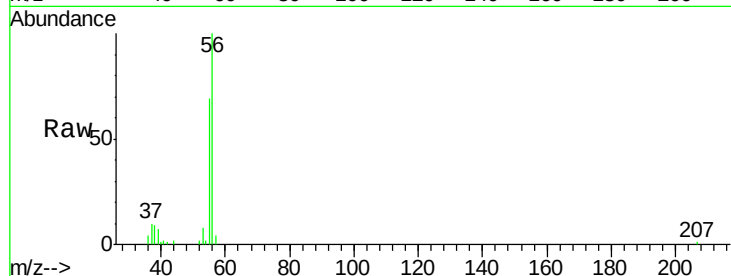
#13
Acrolein
Concen: 164.889 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	64924
Ion Ratio	Lower	Upper	
56	100		
55	71.1	57.0	85.4

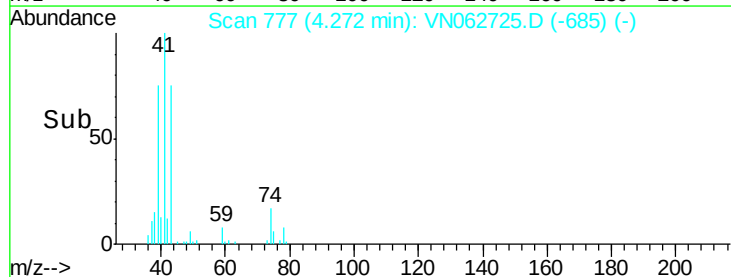
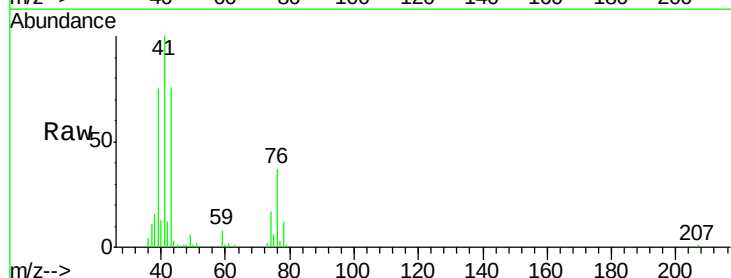
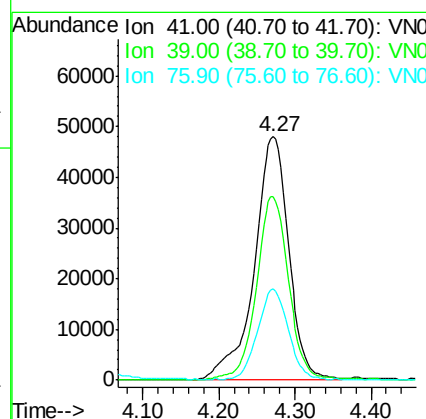
Manual Integrations
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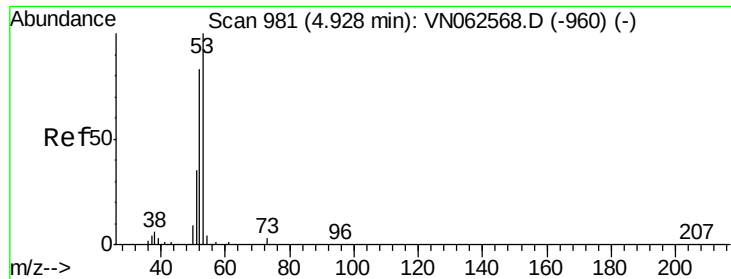
MMDadoda
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#14
Allyl chloride
Concen: 42.102 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	41	Resp	151720
Ion Ratio	Lower	Upper	
41	100		
39	70.3	49.0	73.4
76	33.5	24.0	36.0





#15

Acrylonitrile

Concen: 220.835 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

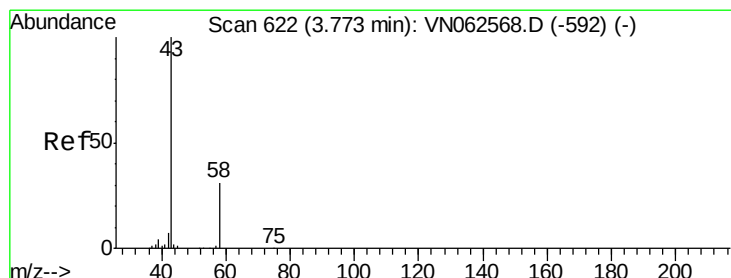
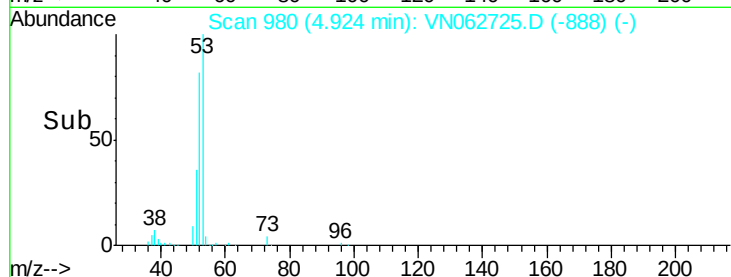
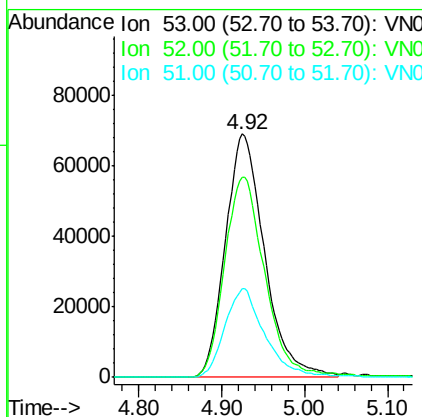
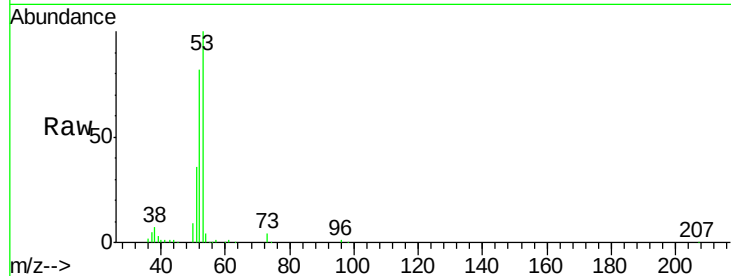
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	227427
Ion Ratio	Lower	Upper	
53	100		
52	84.3	66.3	99.5
51	37.3	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 331.907 ug/l

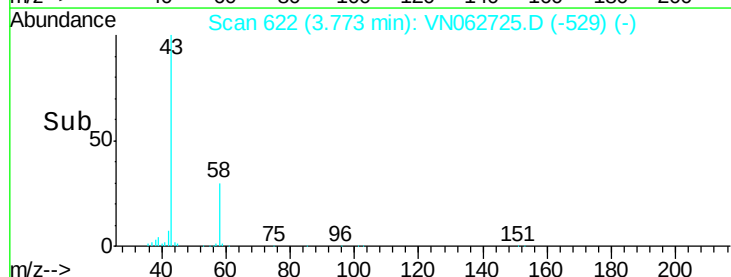
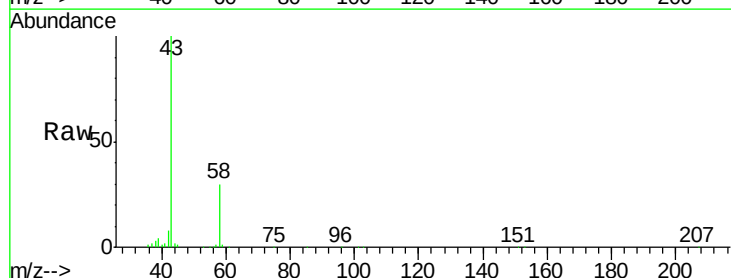
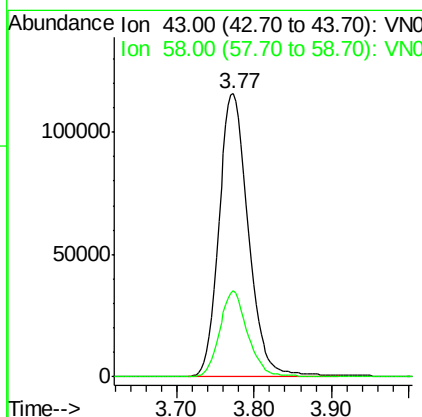
RT: 3.77 min Scan# 622

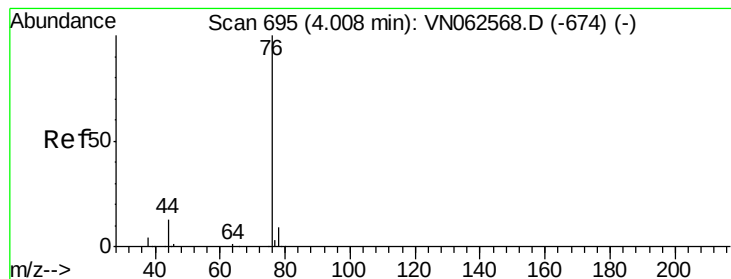
Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Tgt Ion:	43	Resp:	301877
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.6	37.0





#17

Carbon Disulfide

Concen: 41.232 ug/l

RT: 4.00 min Scan# 693

Delta R.T. -0.01 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 225690

Ion Ratio Lower Upper

76 100

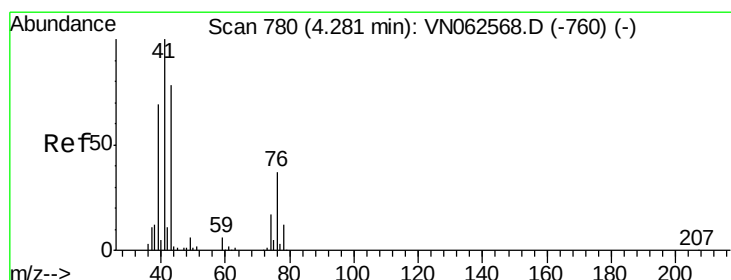
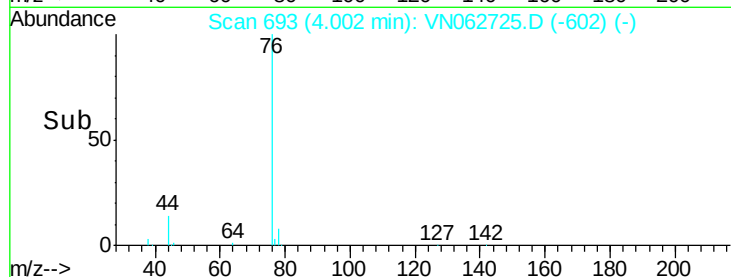
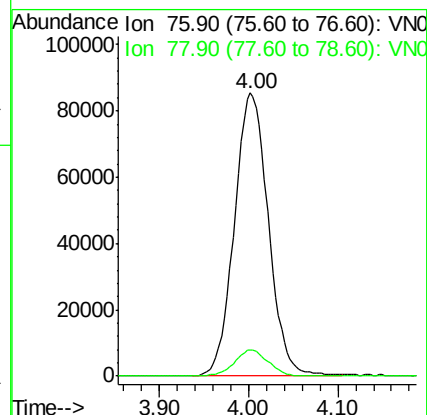
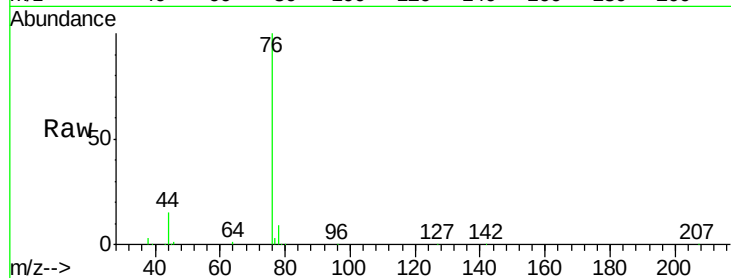
78 9.3 7.3 10.9

Manual Integrations

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#18

Methyl Acetate

Concen: 46.284 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.01 min

Lab File: VN062725.D

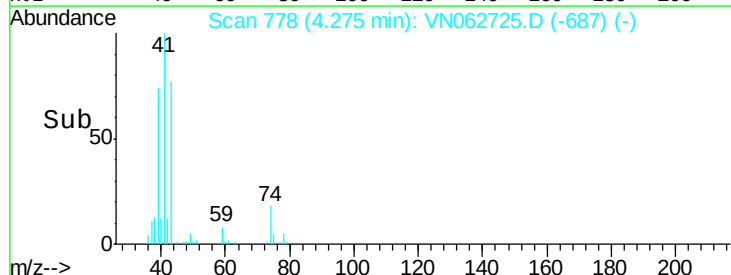
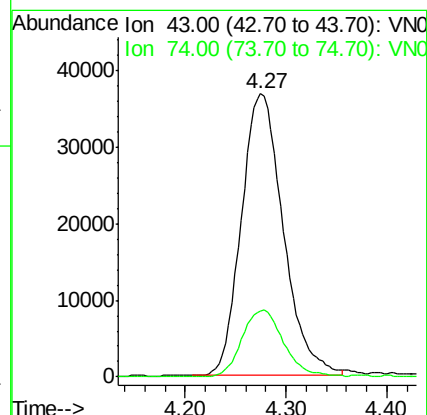
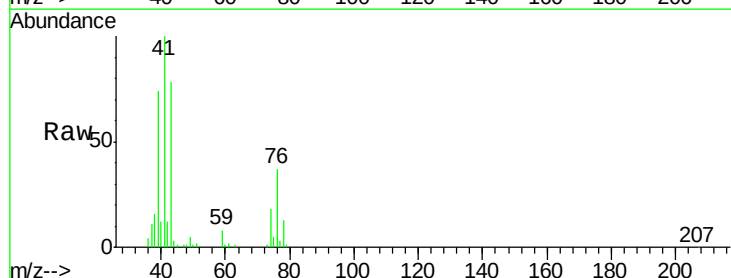
Acq: 3 Aug 2020 9:21

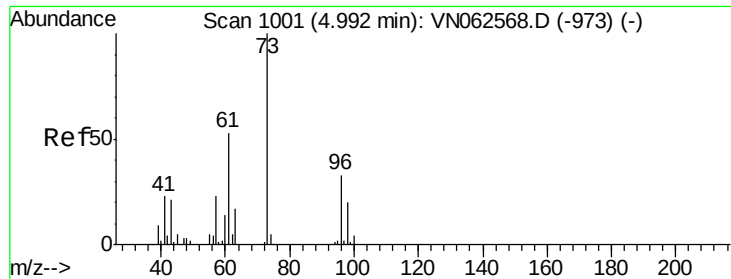
Tgt Ion: 43 Resp: 106570

Ion Ratio Lower Upper

43 100

74 23.6 16.6 24.8





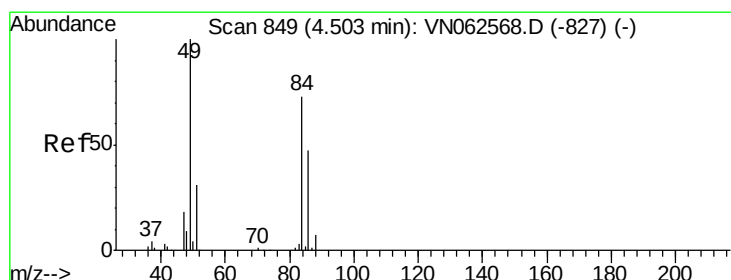
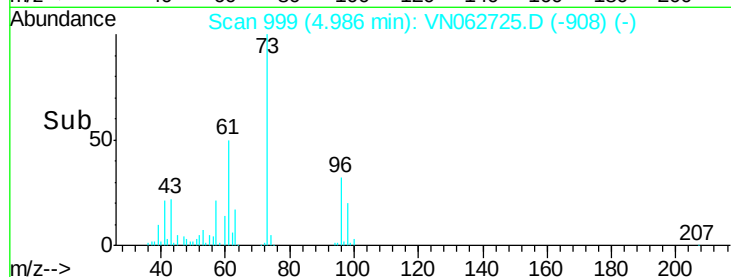
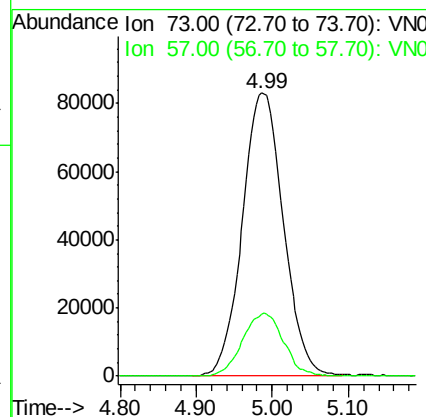
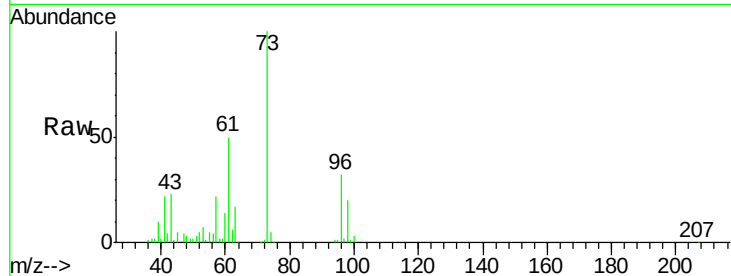
#19
Methvl tert-butvl Ether
Concen: 50.913 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 312183
Ion Ratio Lower Upper
73 100
57 21.8 18.6 27.8

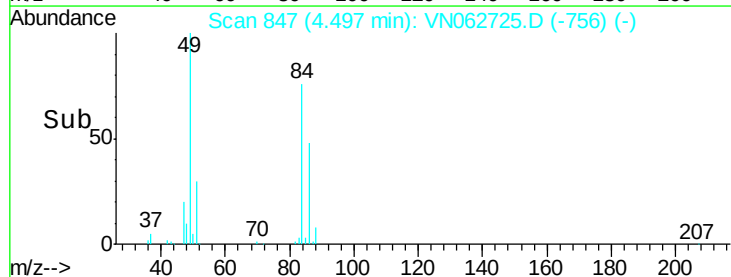
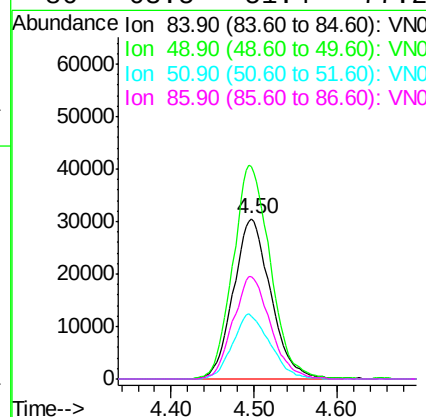
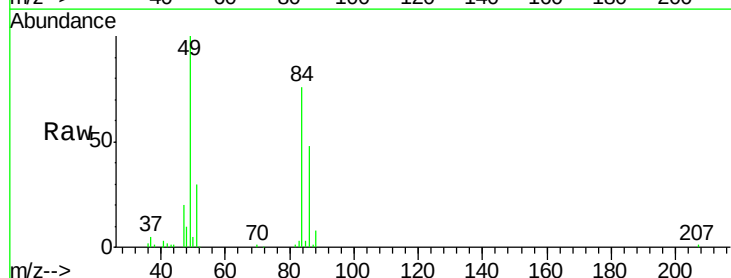
Manual Integrations
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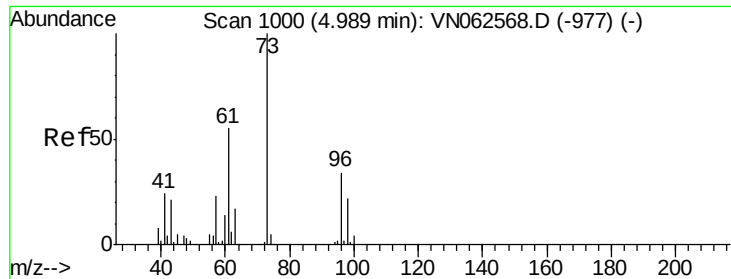
MMDadoda
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#20
Methylene Chloride
Concen: 43.932 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion: 84 Resp: 95834
Ion Ratio Lower Upper
84 100
49 132.1 109.4 164.0
51 39.3 33.6 50.4
86 63.5 51.4 77.2





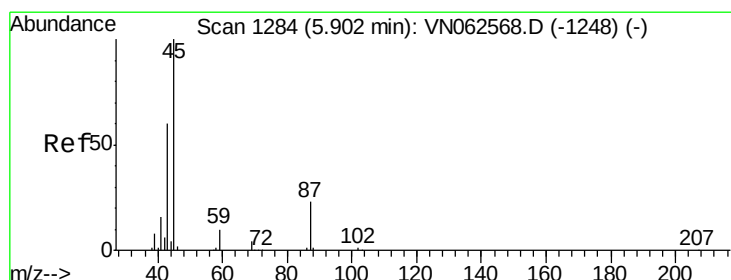
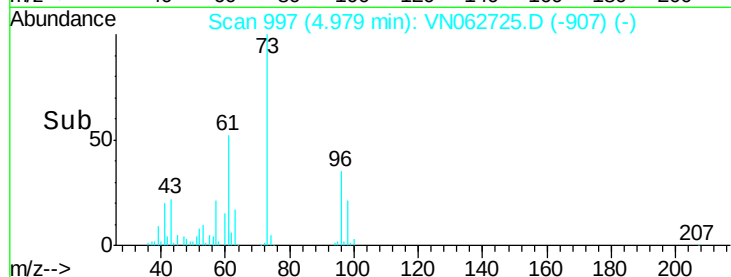
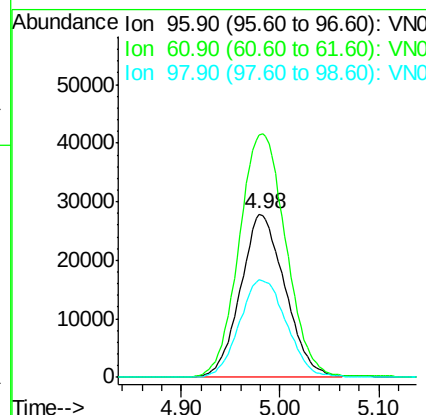
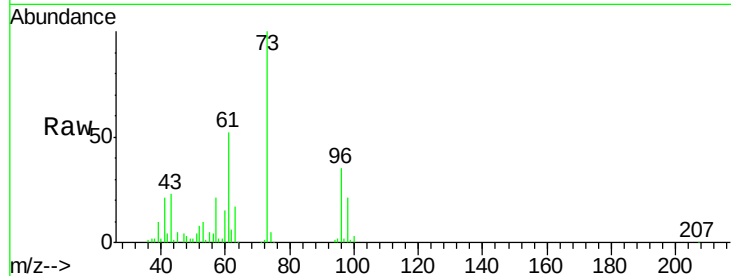
#21
trans-1,2-Dichloroethene
Concen: 47.156 ug/l
RT: 4.98 min Scan# 997
Delta R.T. -0.01 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.0	128.6	192.8
98	59.6	50.6	76.0

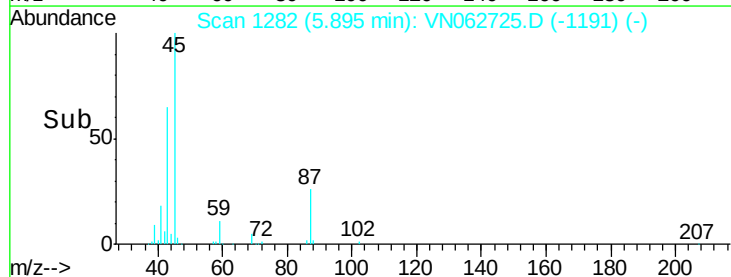
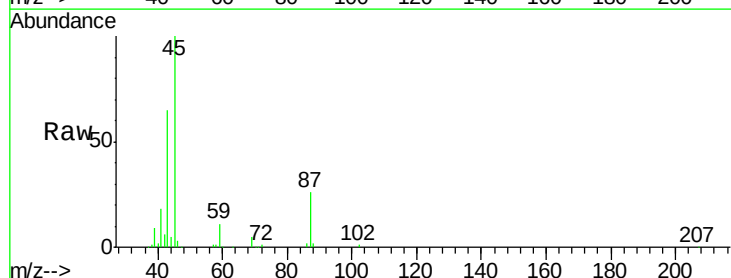
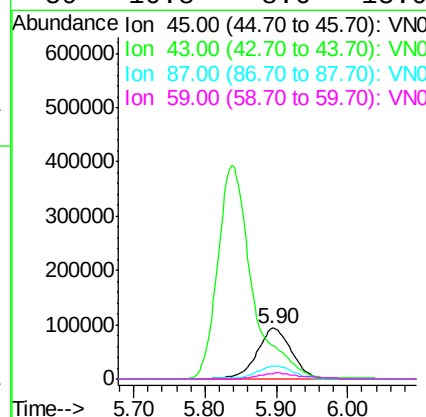
Manual Integrations
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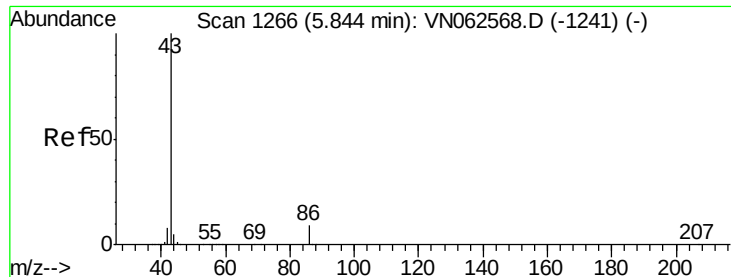
MMDadoda
8/4/2020 1:52:22 PM



#22
Diisopropyl ether
Concen: 43.827 ug/l
RT: 5.90 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.1	48.7	73.1
87	26.2	19.0	28.6
59	10.8	8.6	13.0





#23

Vinyl Acetate

Concen: 224.662 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.01 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1318592

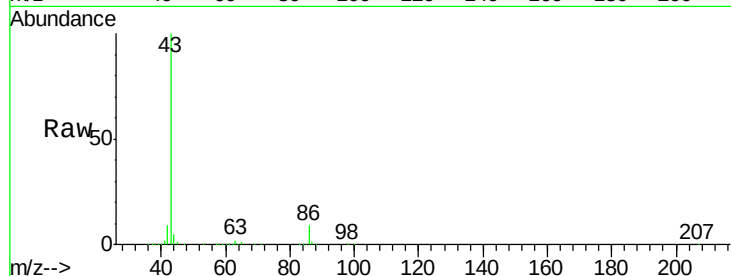
Ion Ratio Lower Upper

43 100

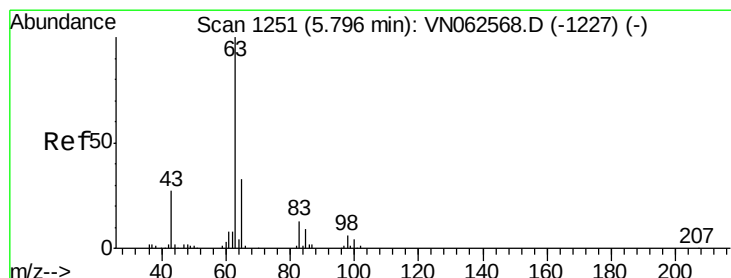
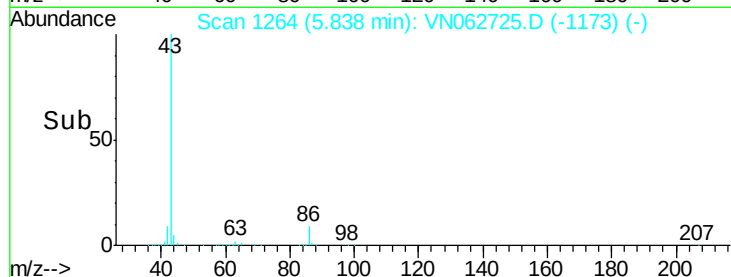
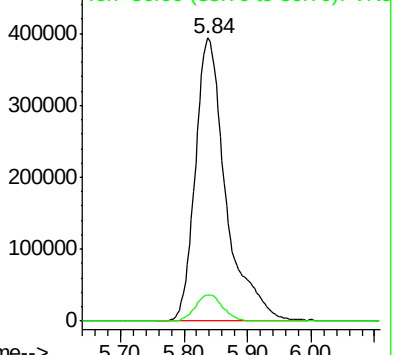
86 9.4 6.9 10.3

Manual Integrations
APPROVED

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8/4/2020 1:52:22 PM



Abundance Ion 43.00 (42.70 to 43.70): VN062725.D (-1173) (-)



#24

1,1-Dichloroethane

Concen: 47.008 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

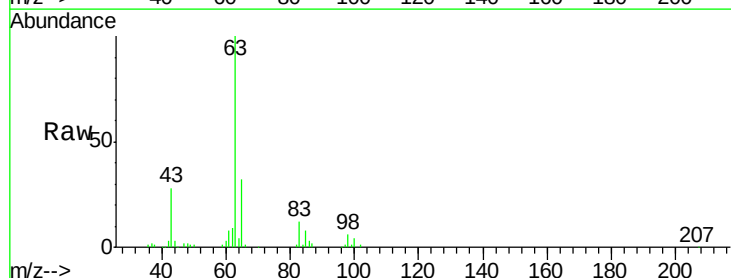
Tgt Ion: 63 Resp: 181321

Ion Ratio Lower Upper

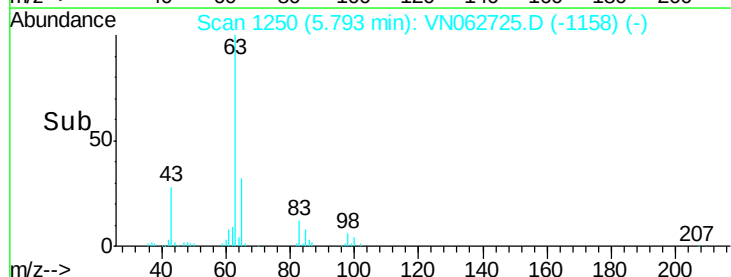
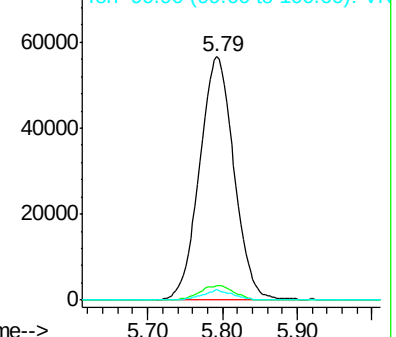
63 100

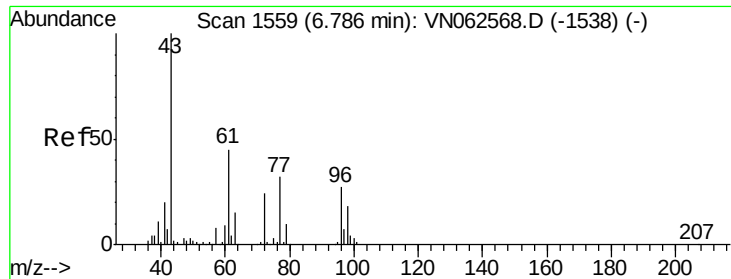
98 5.9 2.9 8.8

100 4.1 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN062725.D (-1158) (-)





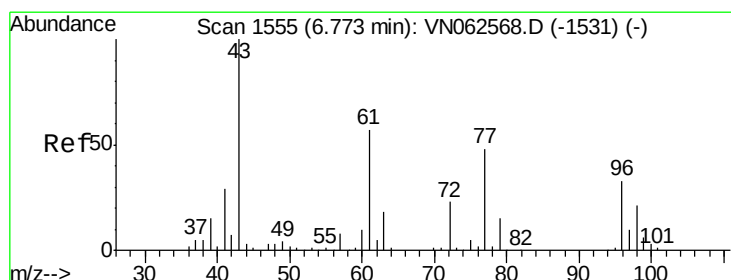
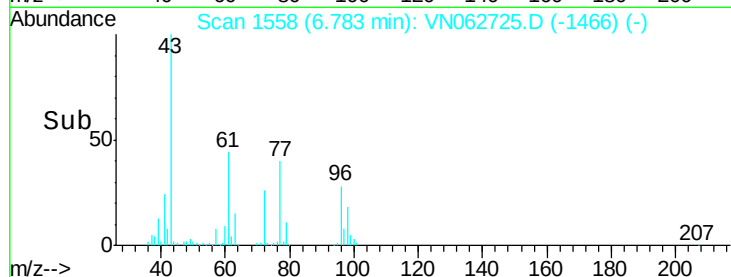
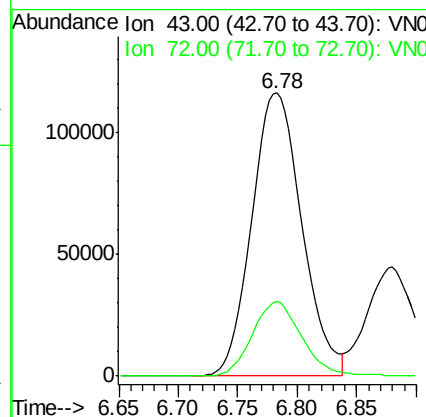
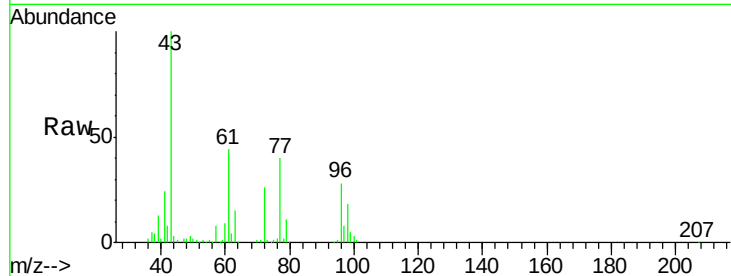
#25
 2-Butanone
 Concen: 244.660 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 338897
 Ion Ratio Lower Upper
 43 100
 72 26.4 19.0 28.6

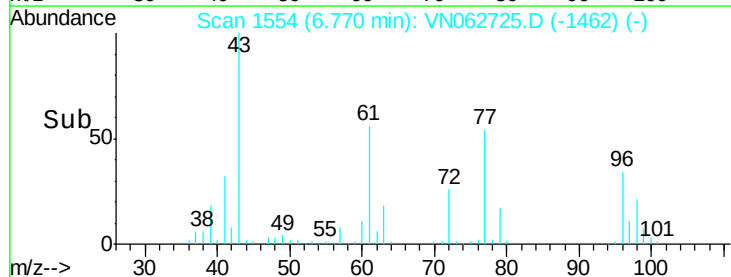
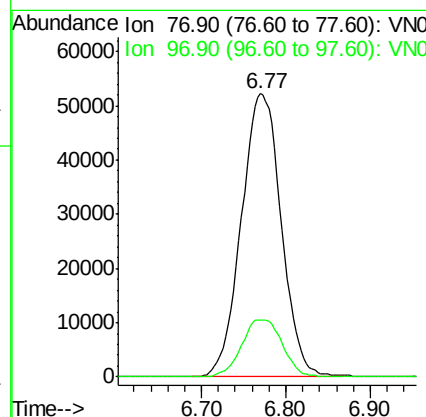
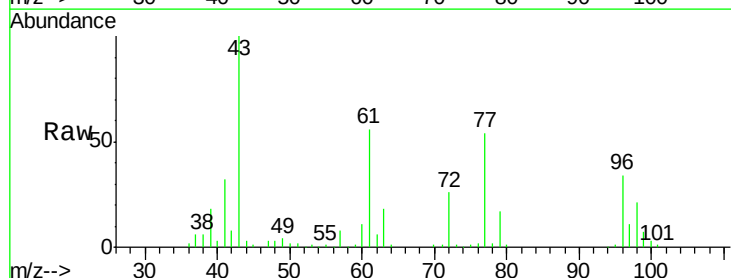
Manual Integrations
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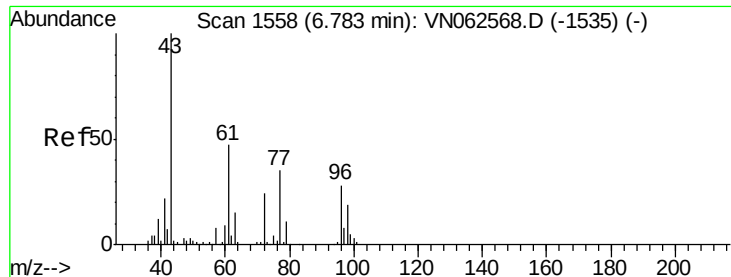
MMDadoda
 8/4/2020 1:52:22 PM



#26
 2,2-Dichloropropane
 Concen: 54.246 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 77 Resp: 171769
 Ion Ratio Lower Upper
 77 100
 97 20.6 10.8 32.4





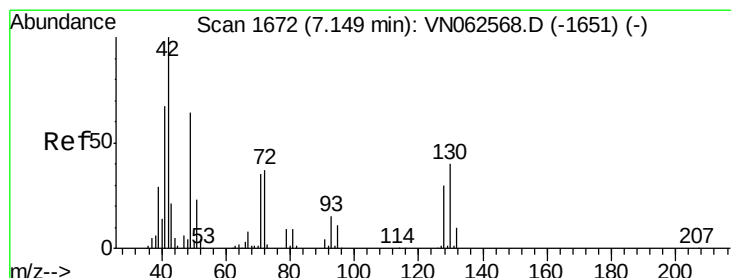
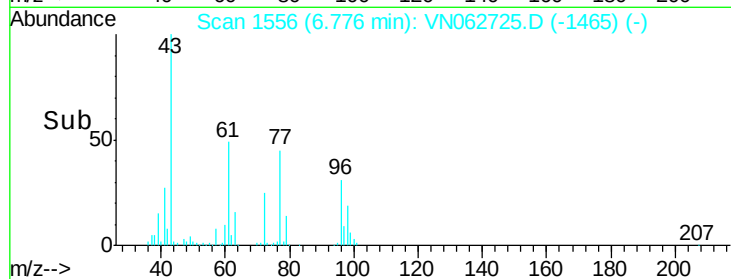
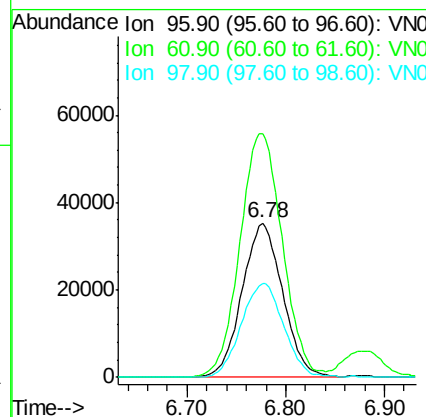
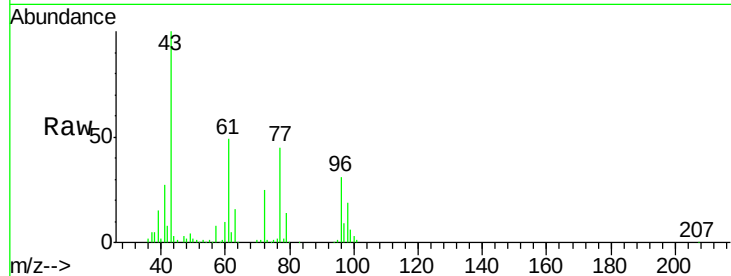
#27
 cis-1,2-Dichloroethene
 Concen: 47.769 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	165.2	0.0	332.4	
98	63.6	0.0	127.4	

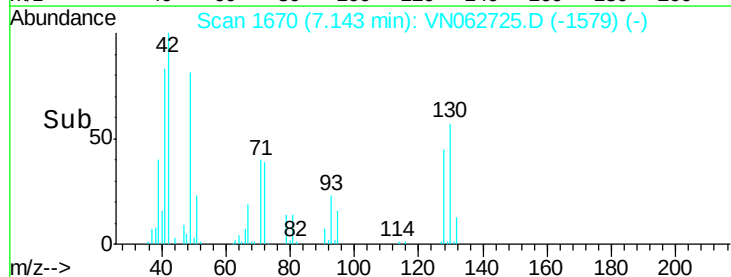
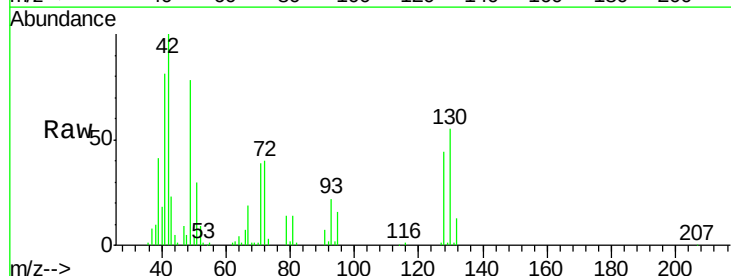
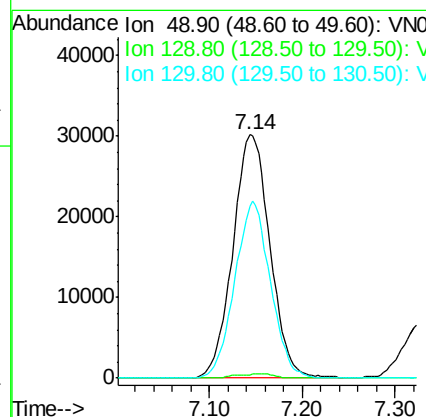
Manual Integrations
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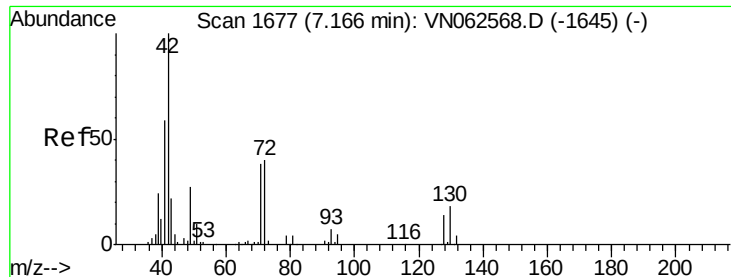
MMDadoda
 8/4/2020 1:52:22 PM



#28
 Bromochloromethane
 Concen: 44.094 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.1	0.0	3.4	
130	69.7	49.8	74.8	





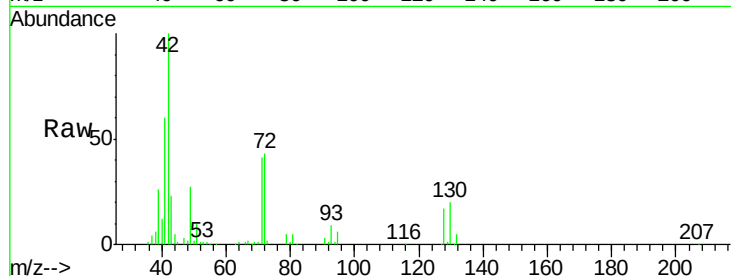
#29
Tetrahydrofuran
Concen: 209.175 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

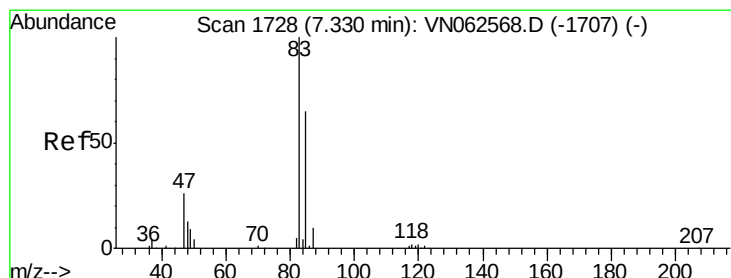
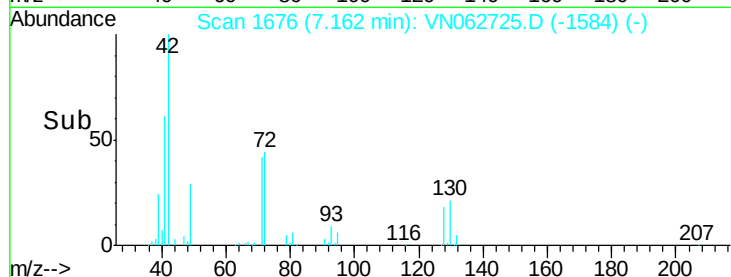
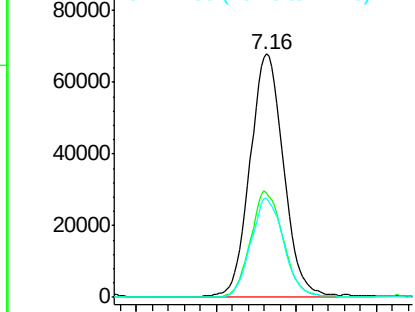
Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	30.7	46.1
71	39.8	29.1	43.7

Manual Integrations
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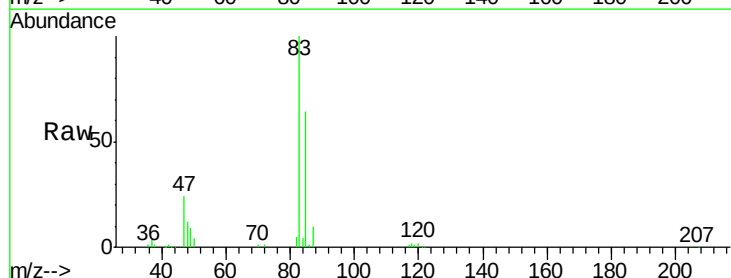


Abundance Ion 42.00 (41.70 to 42.70): VN062568.D (-1645) (-)
Ion 72.00 (71.70 to 72.70): VN062568.D (-1645) (-)
Ion 71.00 (70.70 to 71.70): VN062568.D (-1645) (-)

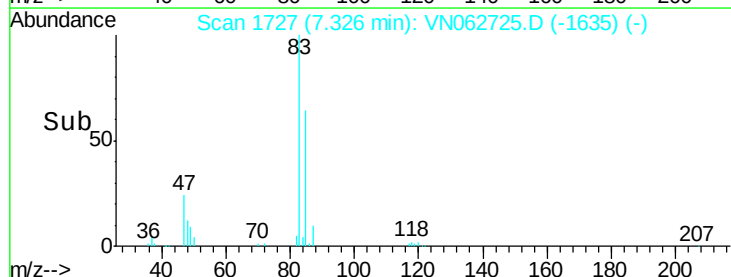
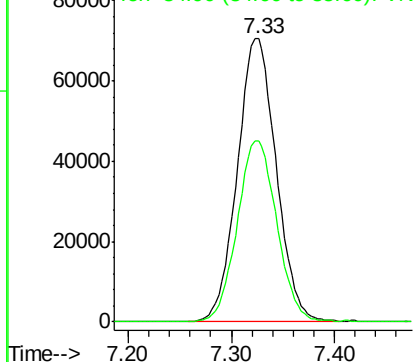


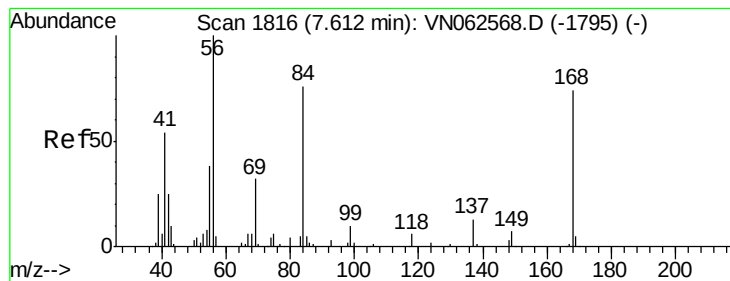
#30
Chloroform
Concen: 50.515 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.0	78.0



Abundance Ion 82.90 (82.60 to 83.60): VN062568.D (-1707) (-)
Ion 84.90 (84.60 to 85.60): VN062568.D (-1707) (-)





#31

Cyclohexane

Concen: 42.372 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

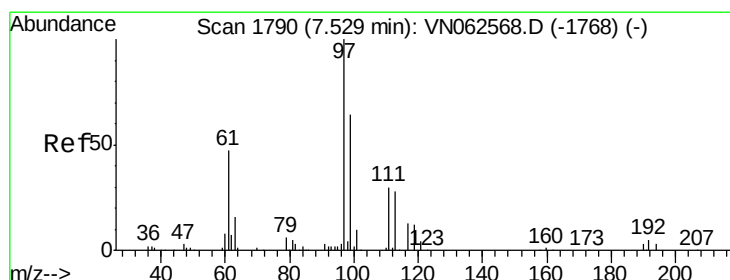
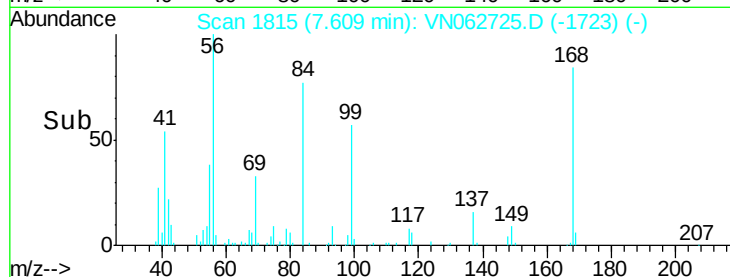
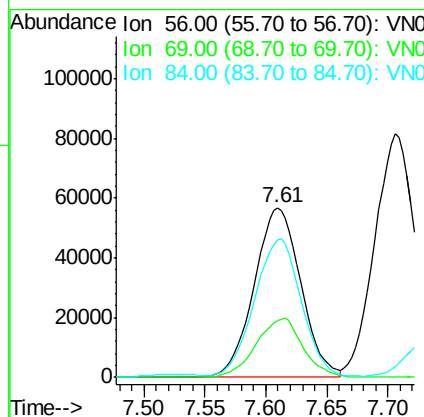
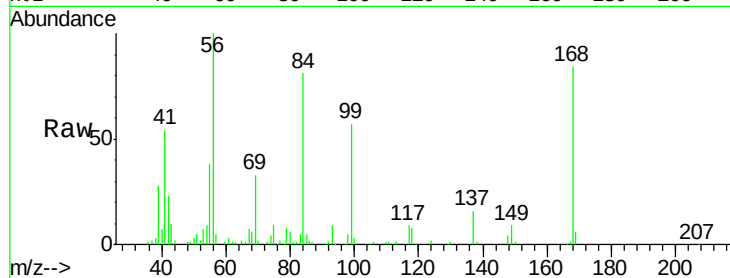
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	150902
Ion Ratio	Lower	Upper	
56	100		
69	33.0	25.3	37.9
84	79.5	61.0	91.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 55.042 ug/l

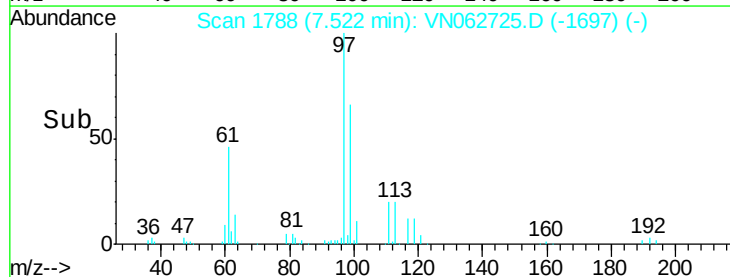
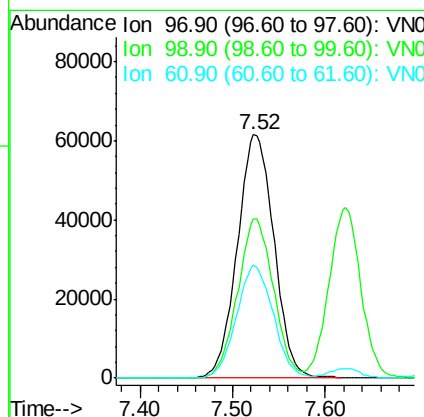
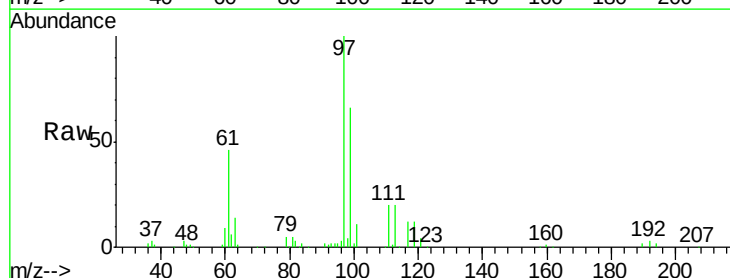
RT: 7.52 min Scan# 1788

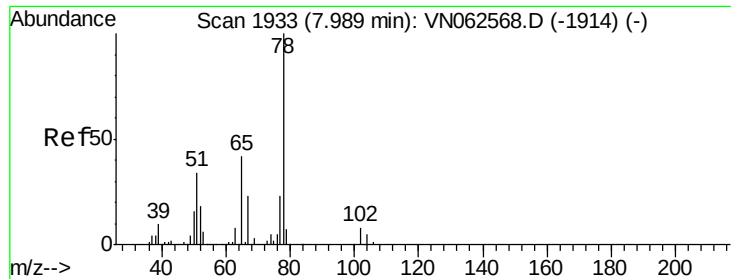
Delta R.T. -0.01 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Tgt Ion:	97	Resp:	168537
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.2	76.8
61	46.4	38.4	57.6





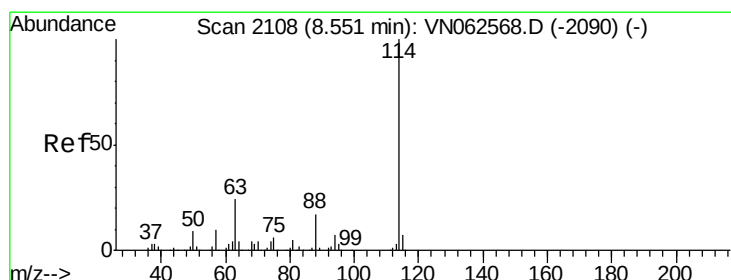
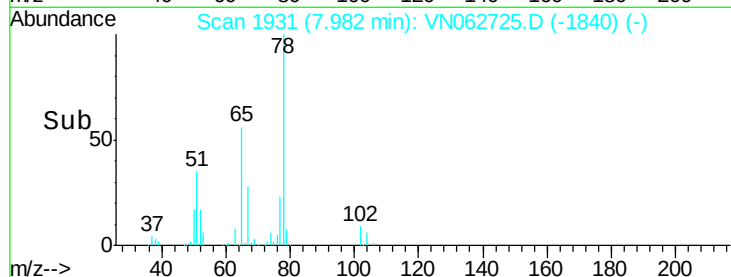
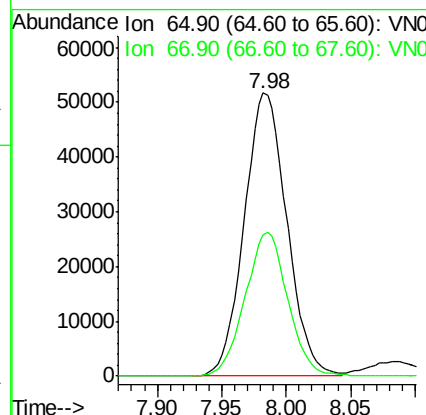
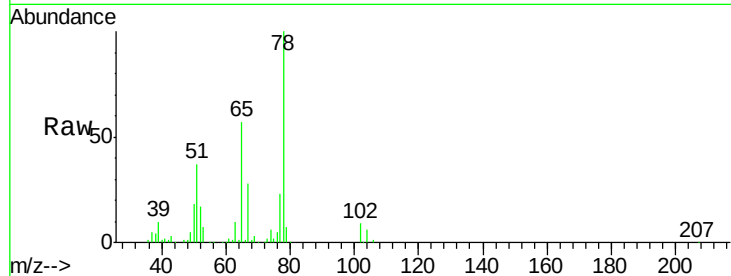
#33
 1,2-Dichloroethane-d4
 Concen: 49.363 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119309		
67	50.8	0.0	106.0	

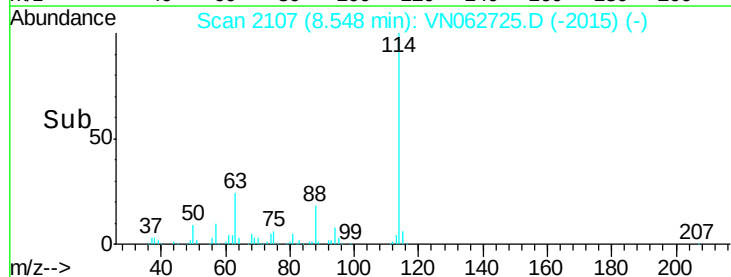
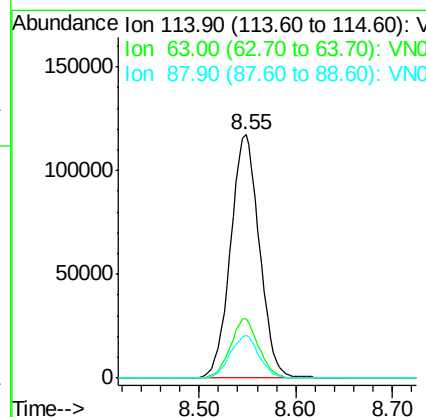
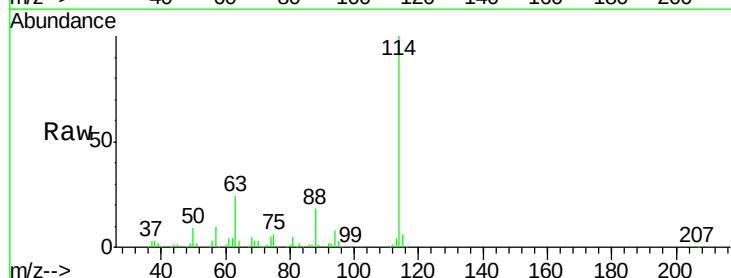
Manual Integrations
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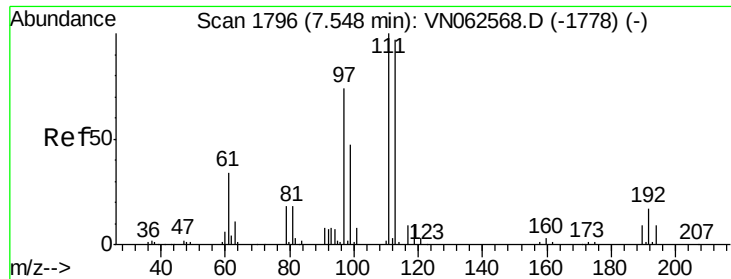
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	242995		
63	24.2	0.0	48.4	
88	17.6	0.0	33.8	





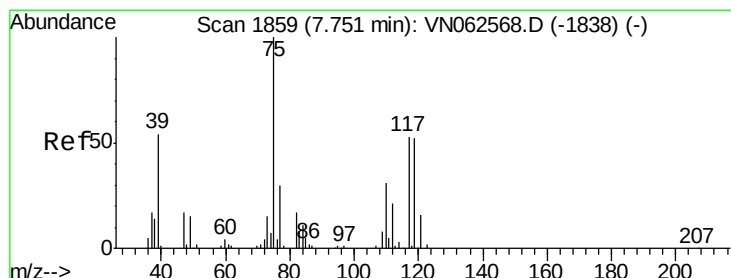
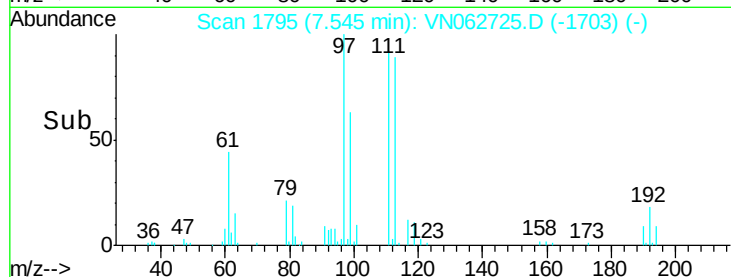
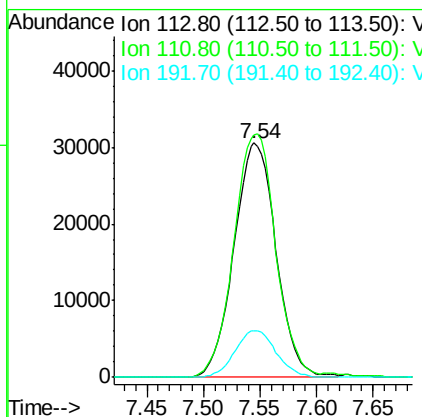
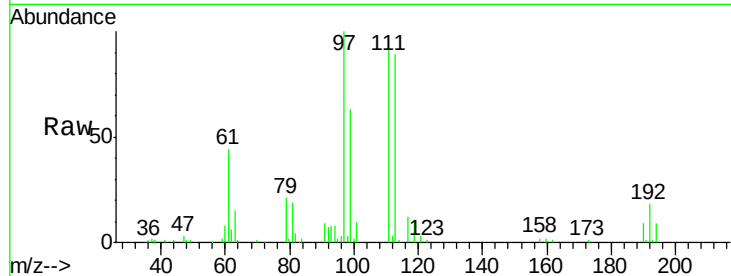
#35
 Dibromofluoromethane
 Concen: 49.465 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	78952		
111	103.5	82.7	124.1	
192	19.4	14.8	22.2	

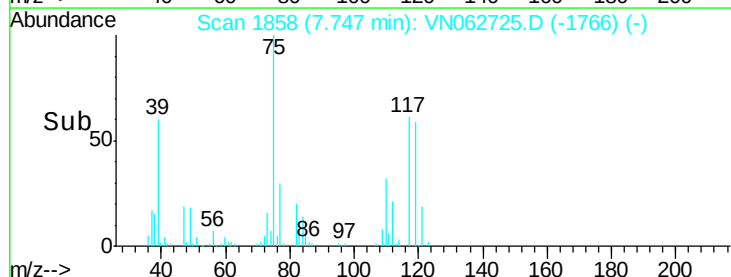
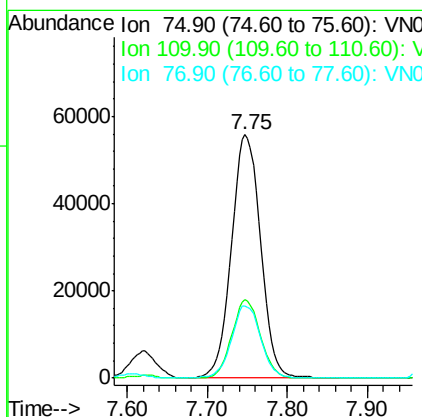
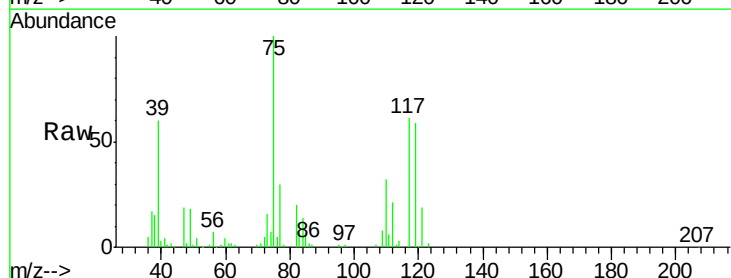
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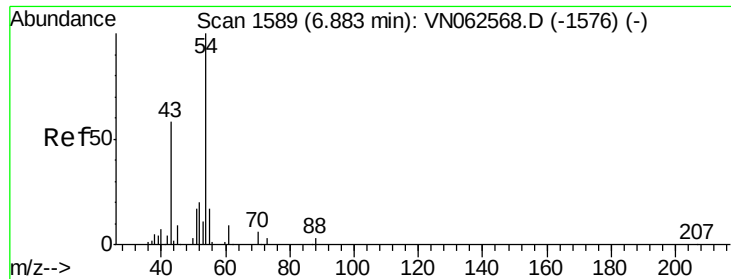
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 53.042 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	137383		
110	31.4	16.0	48.0	
77	30.0	24.6	36.8	





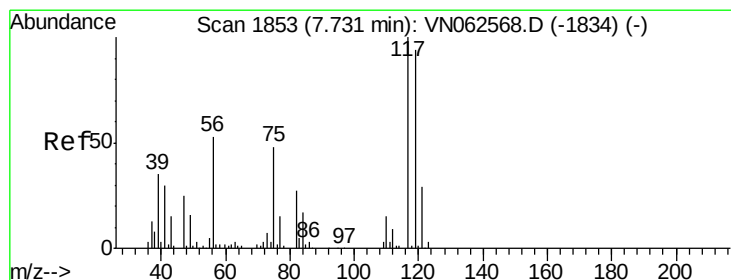
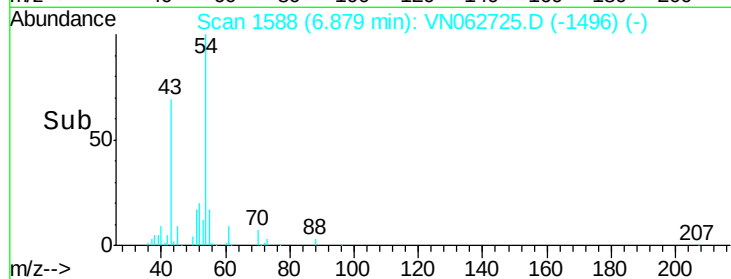
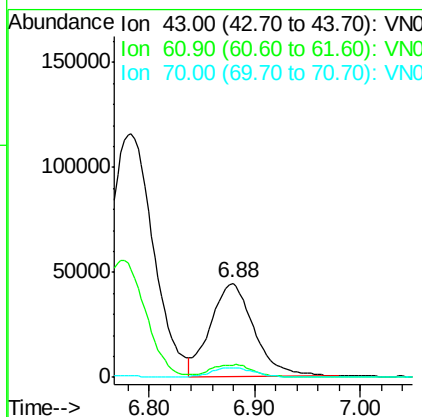
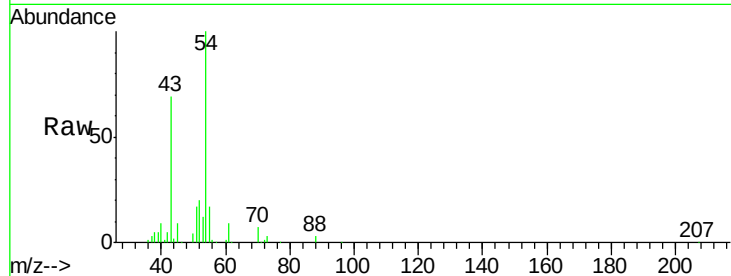
#37
Ethyl Acetate
Concen: 45.360 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.4	7.7	11.5

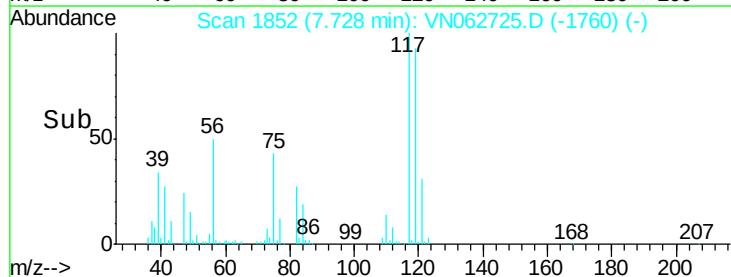
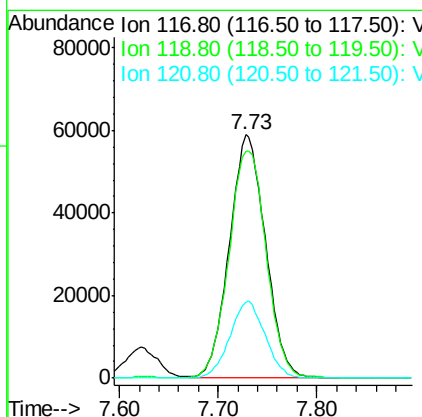
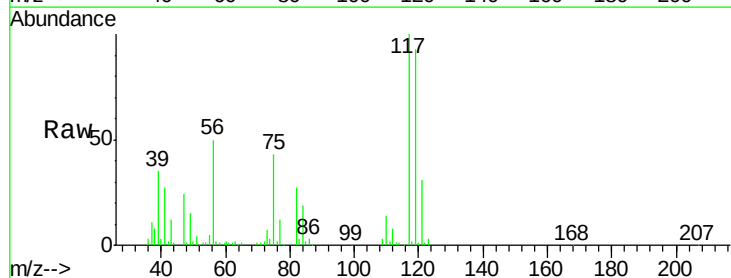
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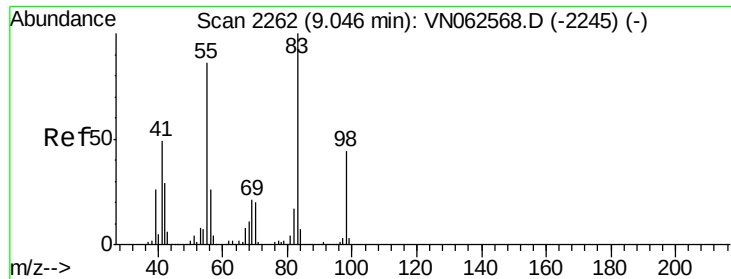
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#38
Carbon Tetrachloride
Concen: 60.342 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.8	112.2
121	31.3	23.0	34.6





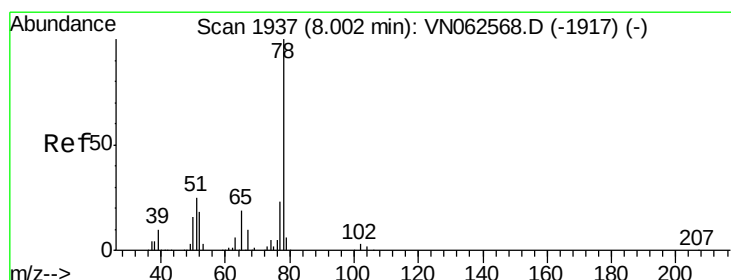
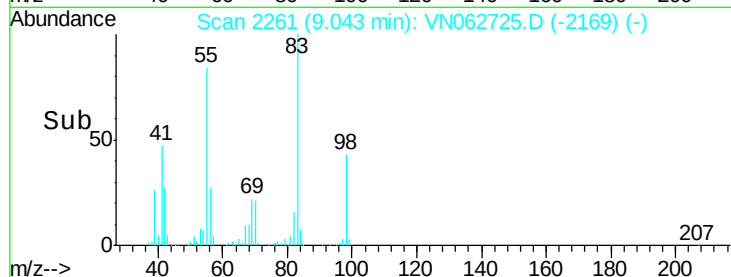
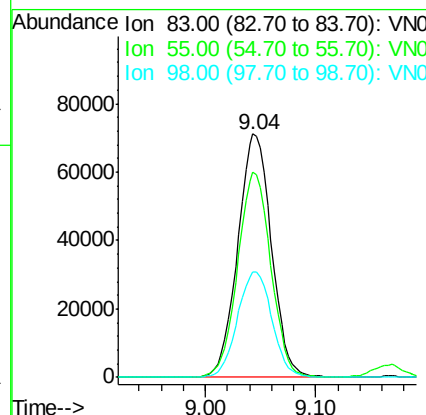
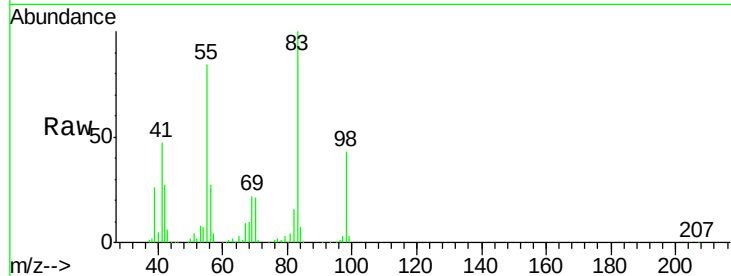
#39
Methylvlcyclohexane
Concen: 53.847 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	84.2	68.9	103.3	
98	43.4	35.1	52.7	

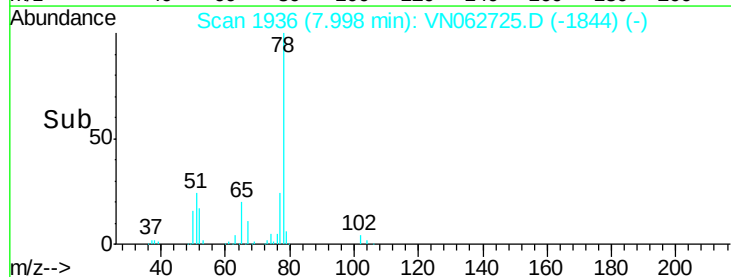
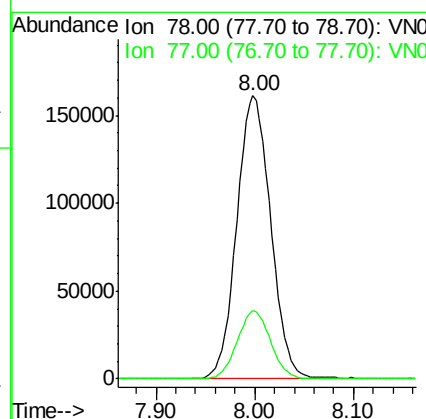
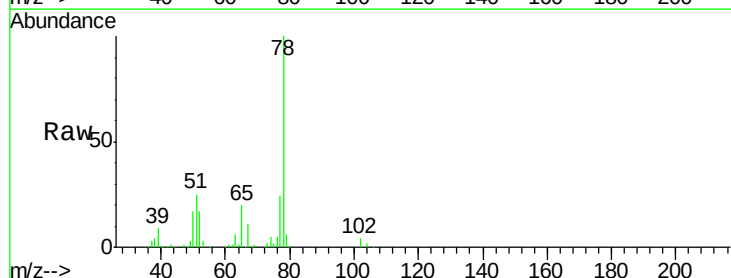
Manual Integrations
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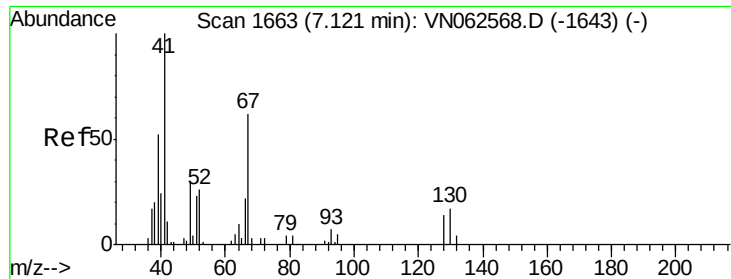
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#40
Benzene
Concen: 48.907 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	18.7	28.1	





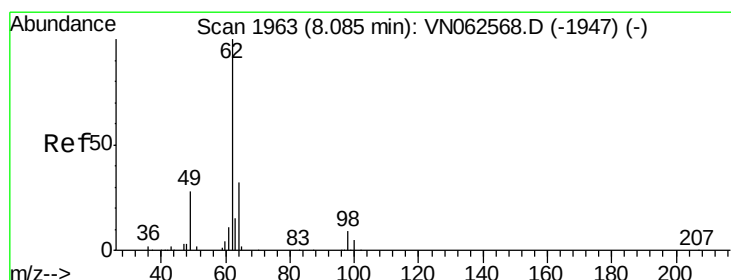
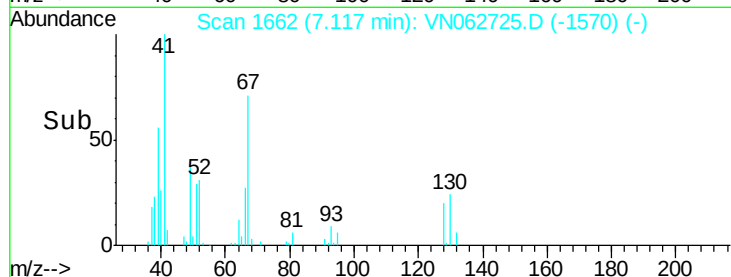
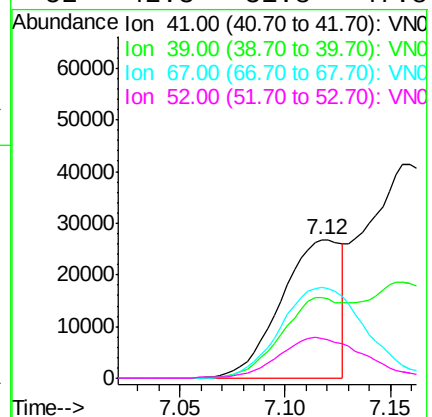
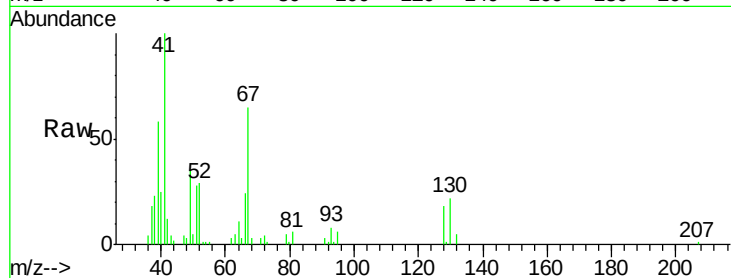
#41
Methacrylonitrile
Concen: 44.646 ug/l
RT: 7.12 min Scan# 1662
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	53422
Ion	Ratio	Lower	Upper
41	100		
39	57.0	55.8	83.6
67	92.7	72.5	108.7
52	42.3	31.8	47.8

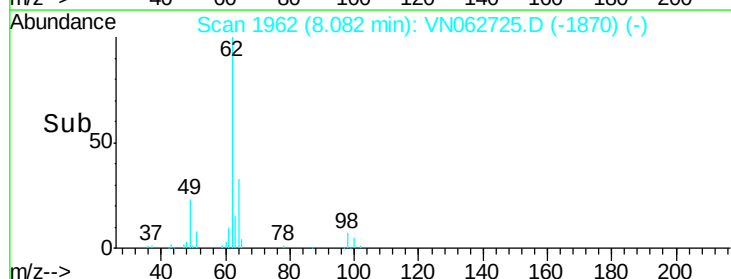
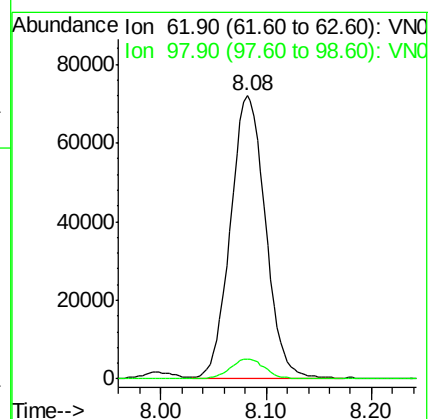
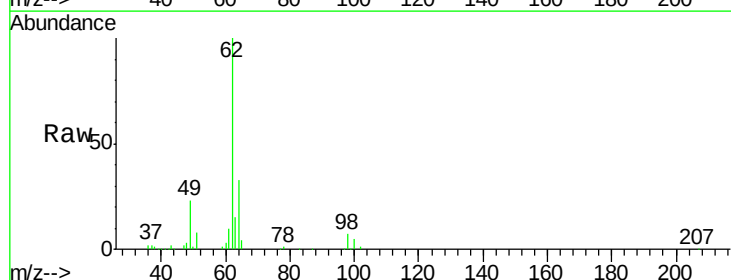
Manual Integrations
APPROVED

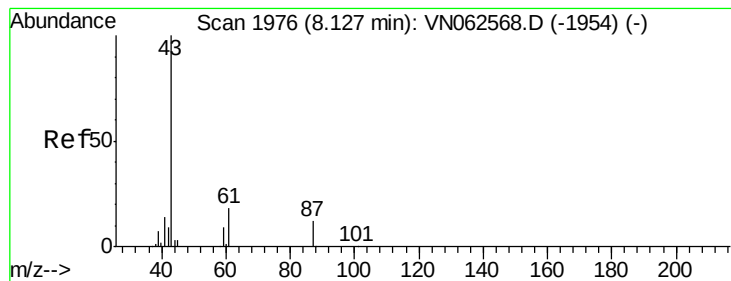
MMDadoda
8/4/2020 1:52:22 PM



#42
1,2-Dichloroethane
Concen: 57.613 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	62	Resp	165161
Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	16.2





#43

Isopropyl Acetate

Concen: 48.444 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

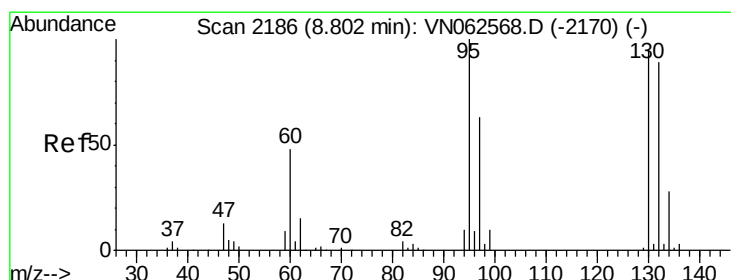
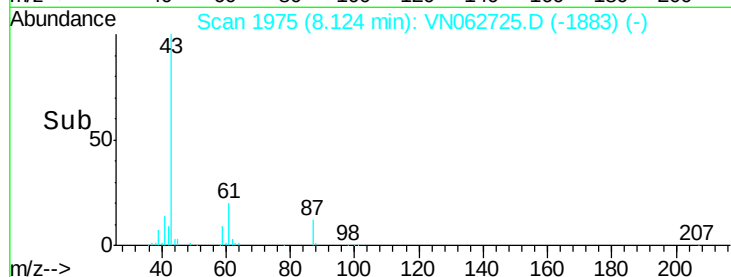
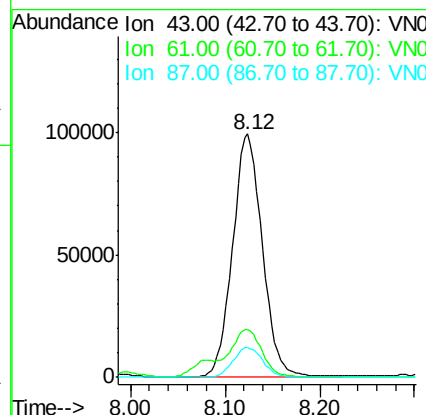
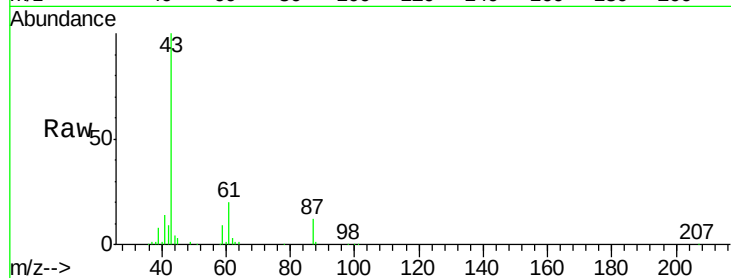
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	218038
Ion Ratio		Lower	Upper
43	100		
61	19.8	20.8	31.2#
87	12.3	9.2	13.8

Manual Integrations
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MMDadoda
8/4/2020 1:52:22 PM



#44

Trichloroethene

Concen: 51.938 ug/l

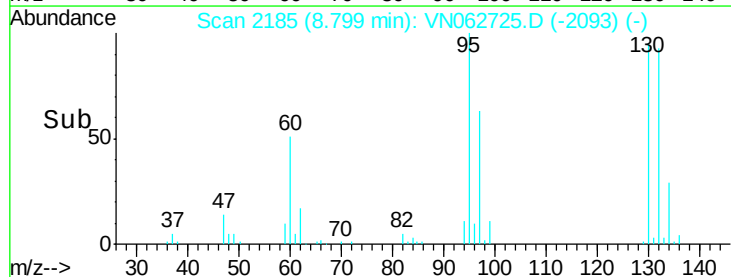
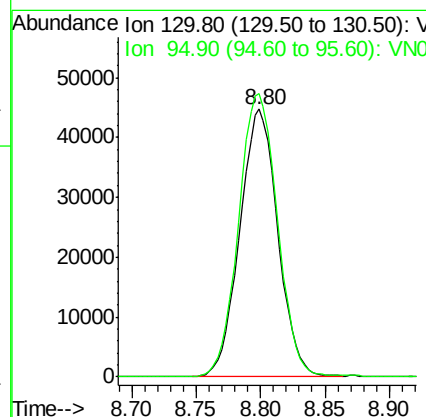
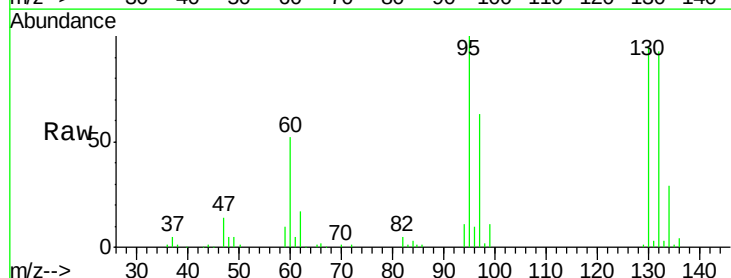
RT: 8.80 min Scan# 2185

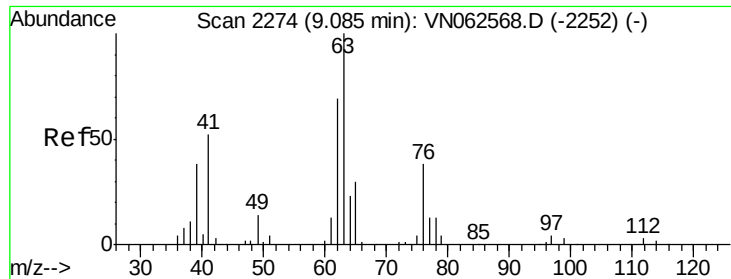
Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Tgt Ion:	130	Resp:	91843
Ion Ratio		Lower	Upper
130	100		
95	105.8	0.0	210.4





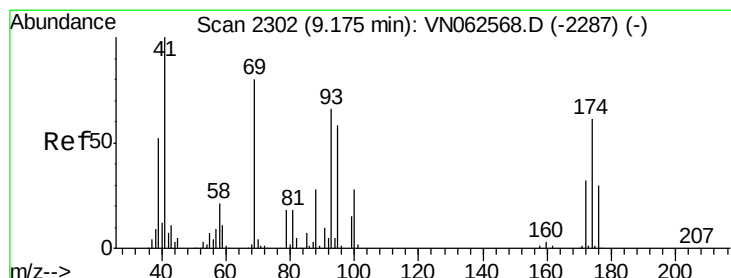
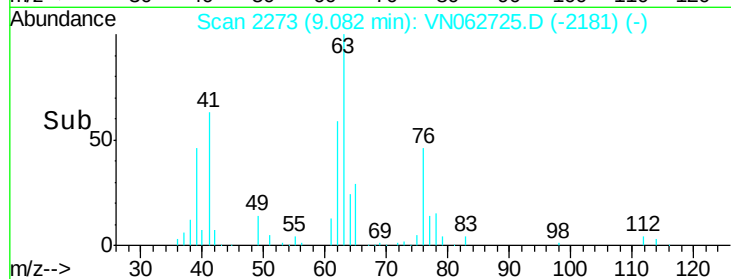
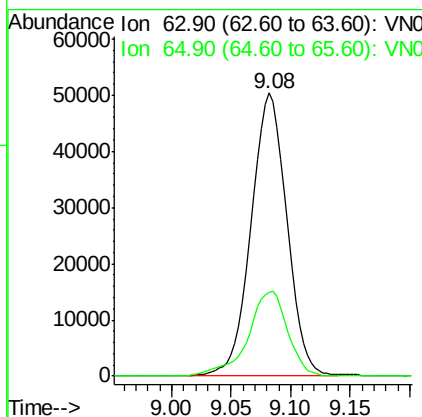
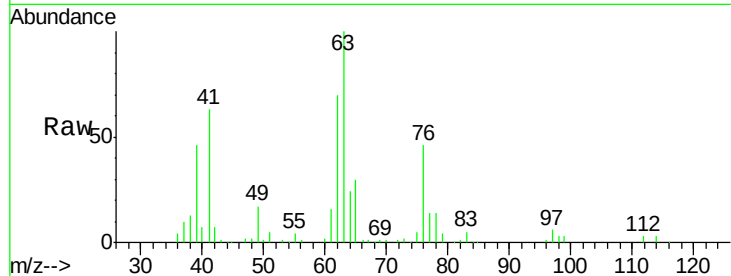
#45
 1,2-Dichloropropane
 Concen: 47.726 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 105074
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.4 36.6

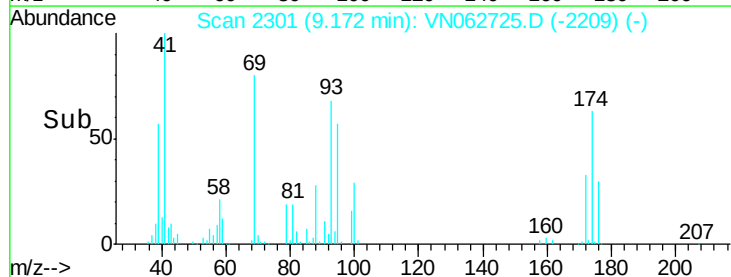
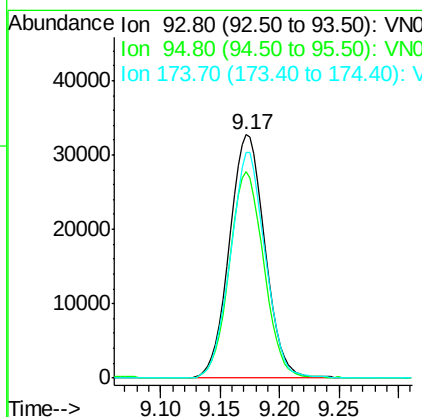
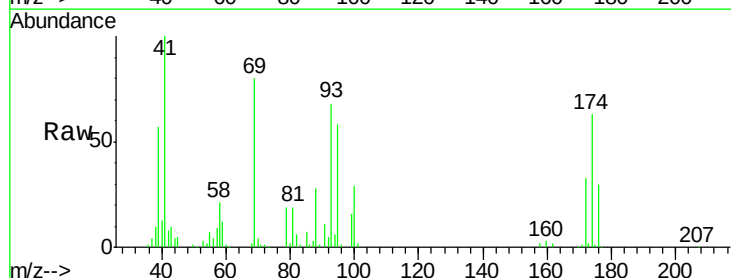
Manual Integrations
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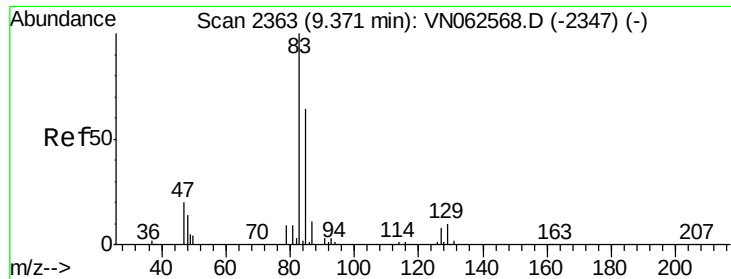
MMDadoda
 8/4/2020 1:52:22 PM



#46
 Dibromomethane
 Concen: 53.261 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion: 93 Resp: 67773
 Ion Ratio Lower Upper
 93 100
 95 82.3 67.6 101.4
 174 90.7 72.5 108.7





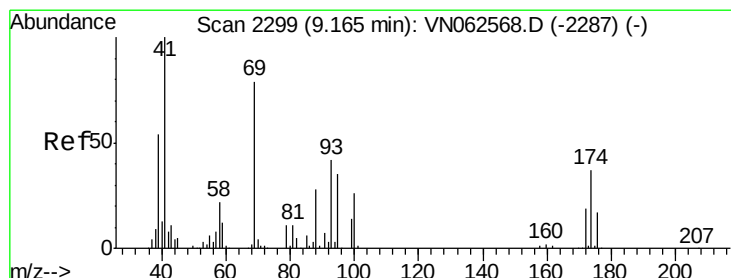
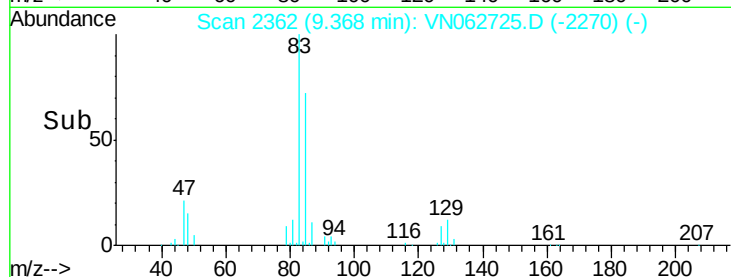
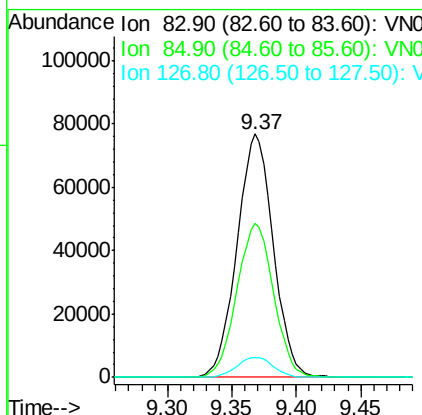
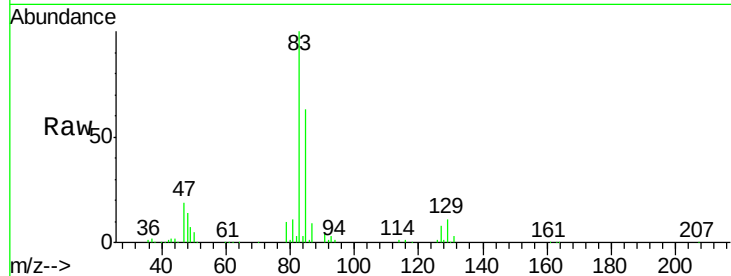
#47
Bromodichloromethane
Concen: 54.561 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	150411		
85	63.4		51.6	77.4
127	8.2		6.2	9.2

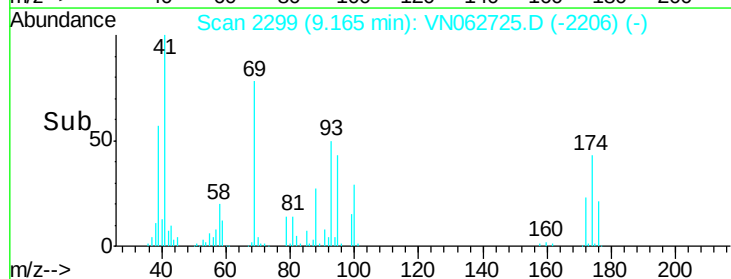
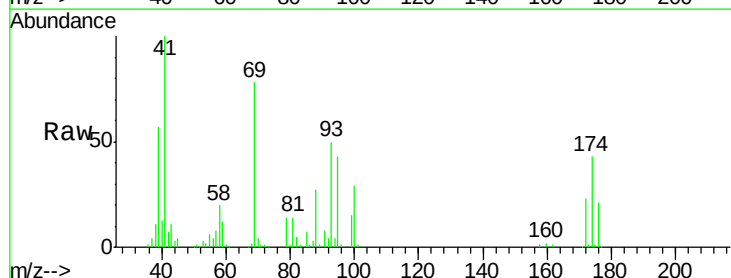
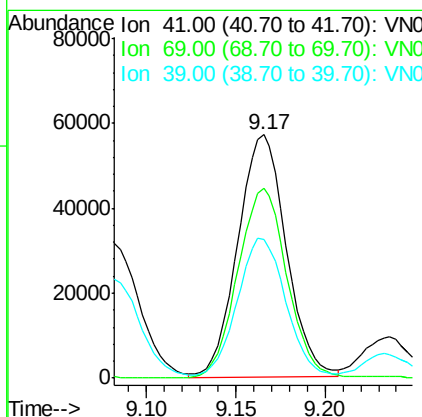
Manual Integrations
APPROVED

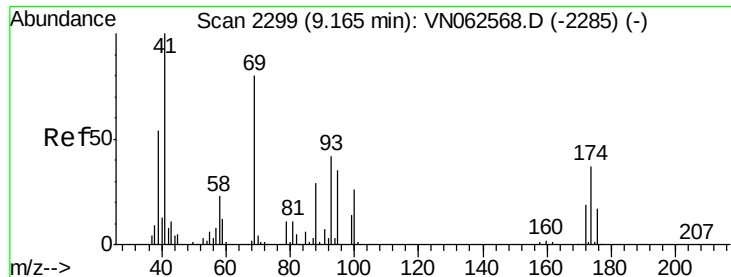
MMDadoda
8/4/2020 1:52:22 PM



#48
Methyl methacrylate
Concen: 50.593 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	108246		
69	79.7		64.4	96.6
39	58.1		43.5	65.3





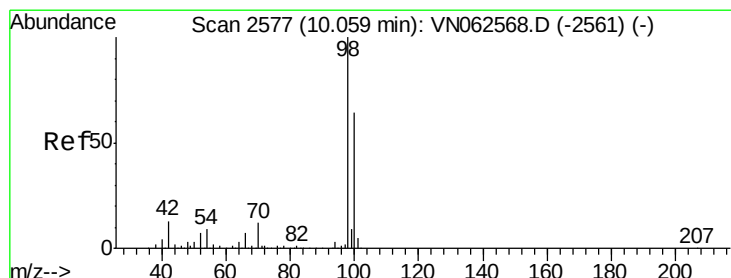
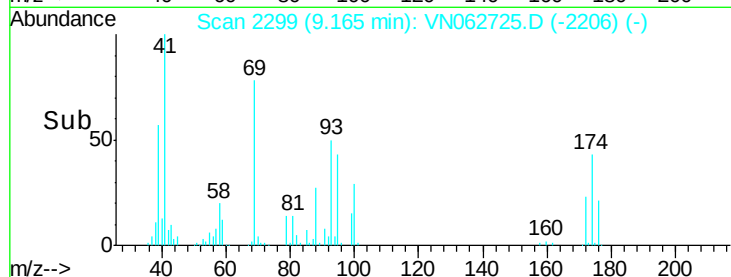
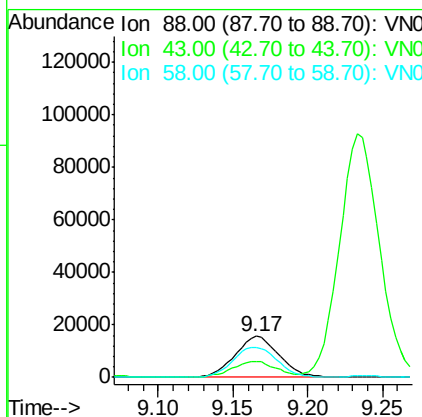
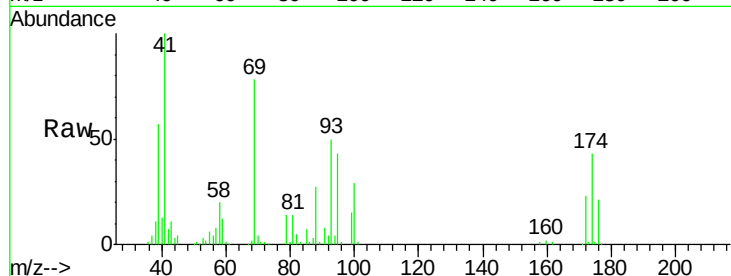
#49
1,4-Dioxane
Concen: 968.628 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	31830
Ion	Ratio	Lower	Upper
88	100		
43	37.7	32.0	48.0
58	74.8	62.8	94.2

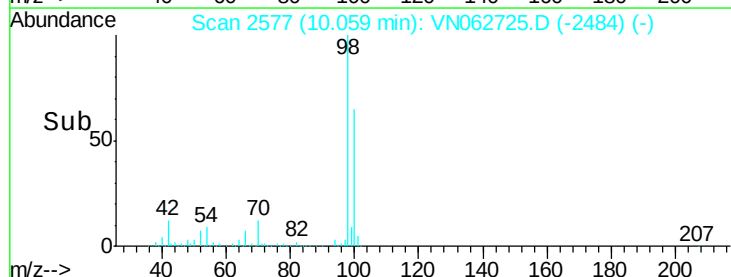
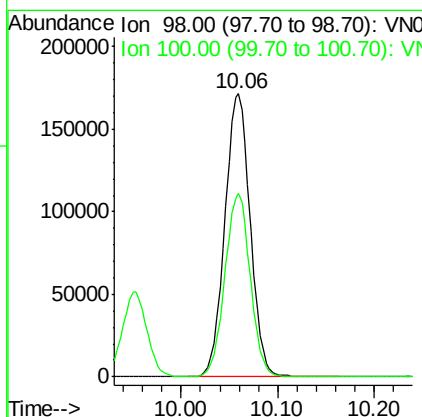
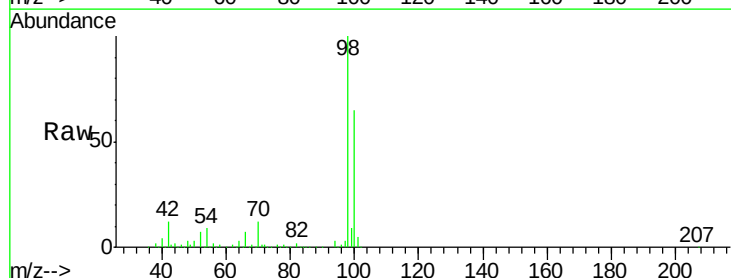
Manual Integrations
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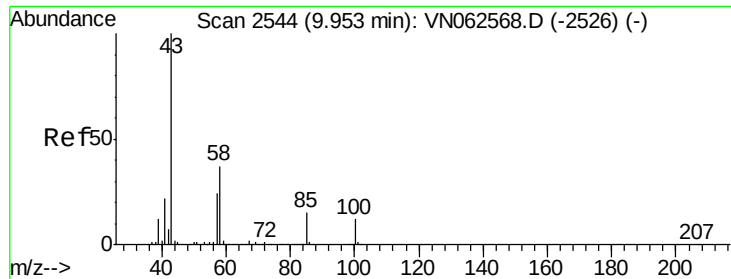
MMDadoda
8/4/2020 1:52:22 PM



#50
Toluene-d8
Concen: 49.023 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	98	Resp	312199
Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 243.292 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 655193

Ion Ratio Lower Upper

43 100

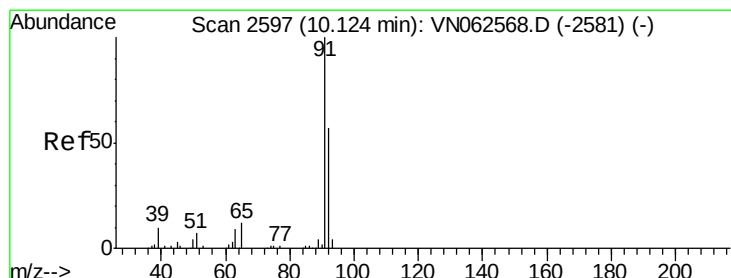
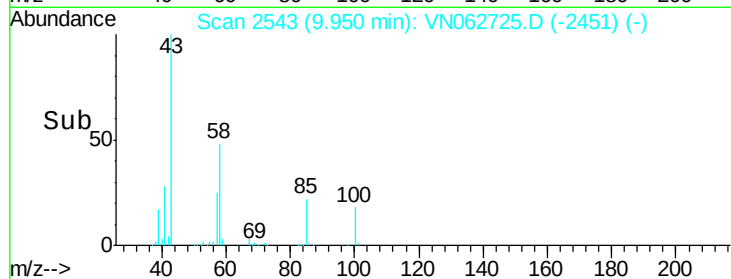
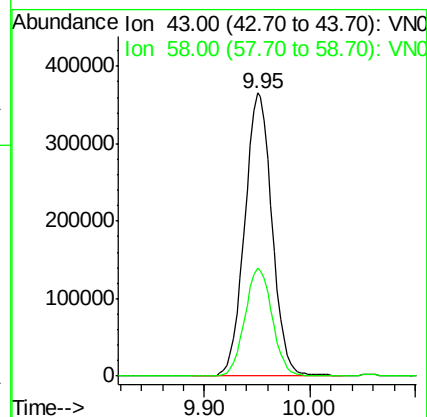
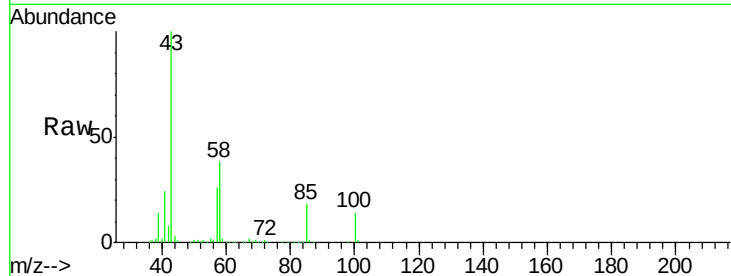
58 38.4 29.8 44.6

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 53.377 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062725.D

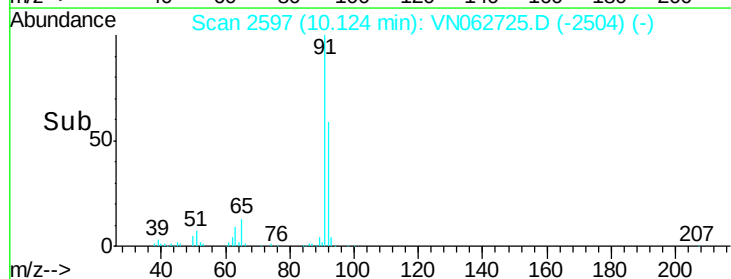
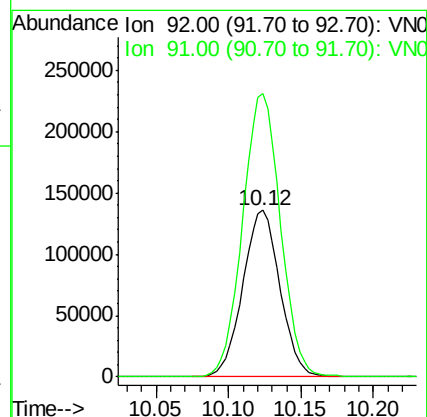
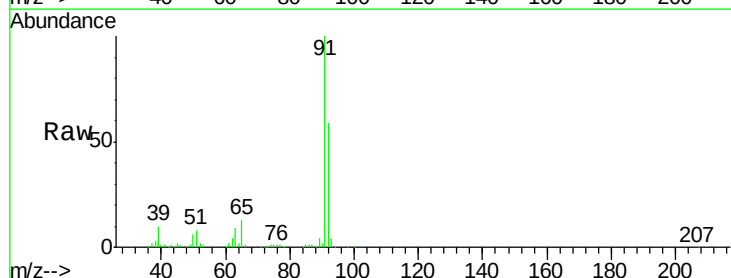
Acq: 3 Aug 2020 9:21

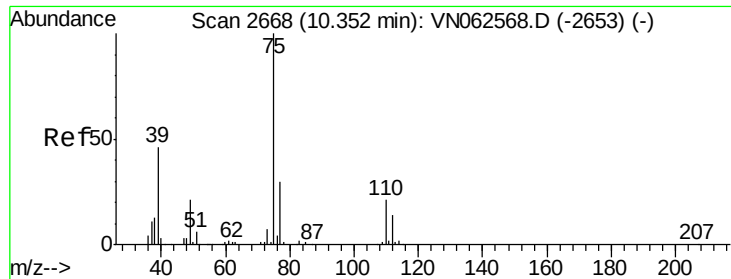
Tgt Ion: 92 Resp: 243037

Ion Ratio Lower Upper

92 100

91 172.4 139.4 209.2





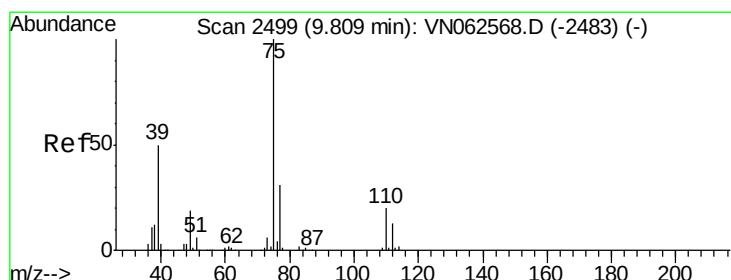
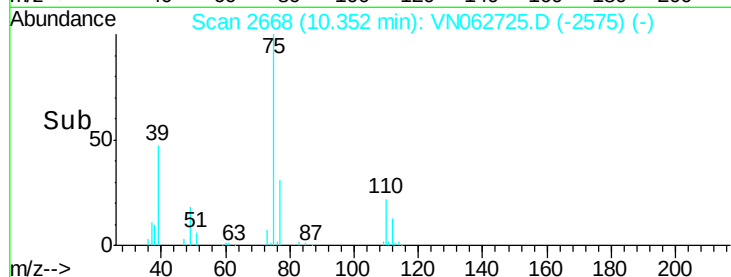
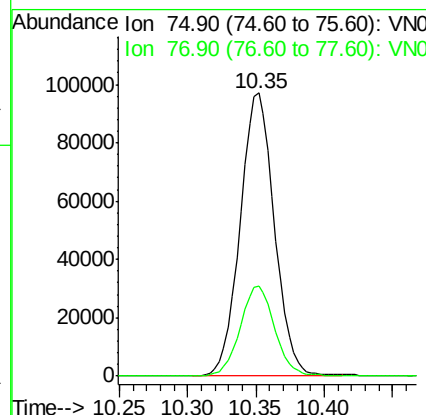
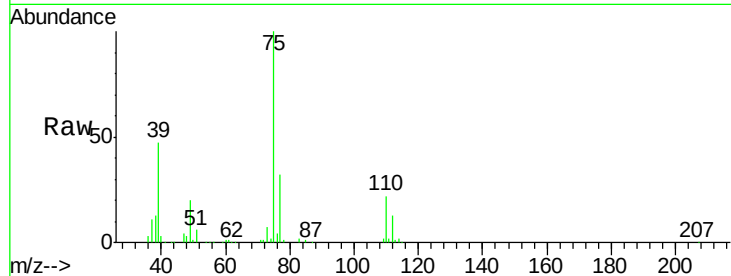
#53
t-1,3-Dichloropropene
Concen: 55.235 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.3	36.5

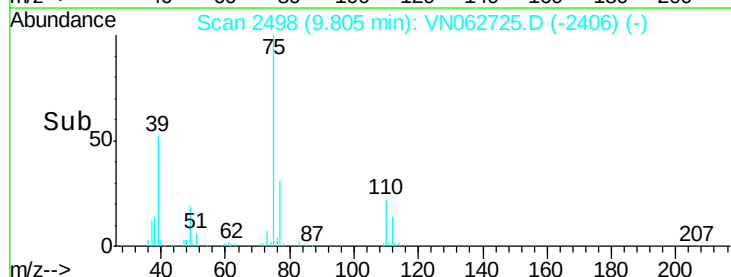
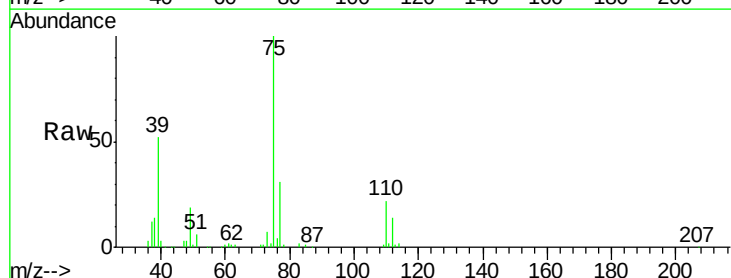
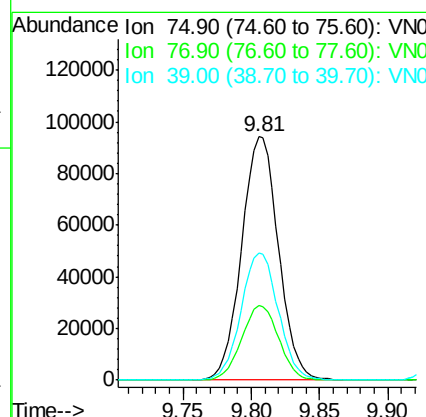
Manual Integrations
APPROVED

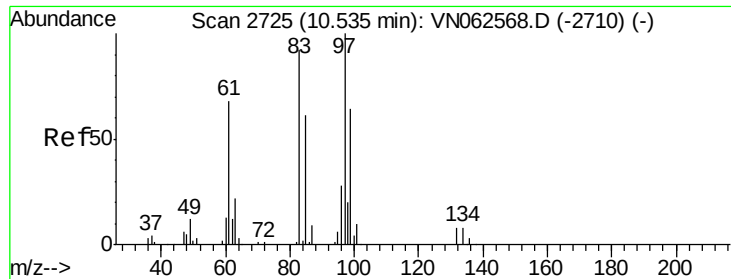
MMDadoda
8/4/2020 1:52:22 PM



#54
cis-1,3-Dichloropropene
Concen: 53.733 ug/l
RT: 9.81 min Scan# 2498
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.0	37.6
39	52.1	39.8	59.8





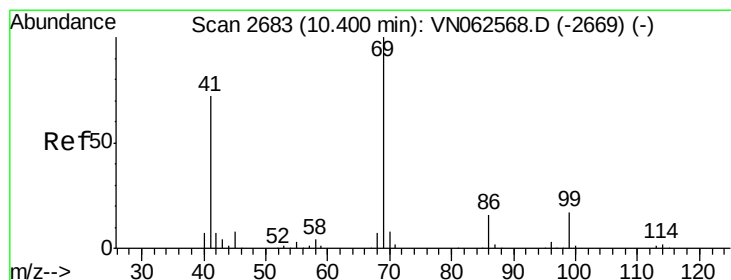
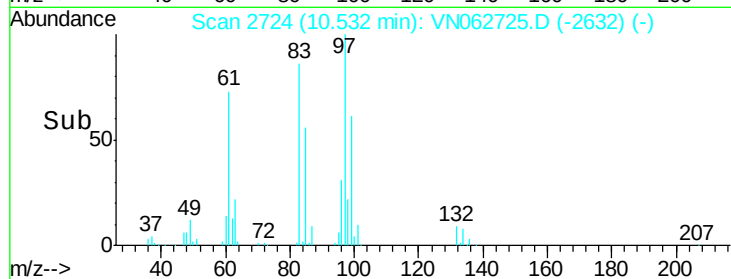
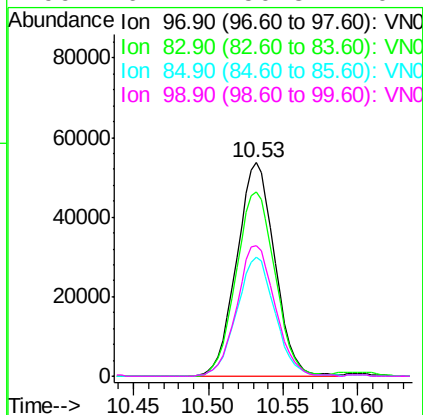
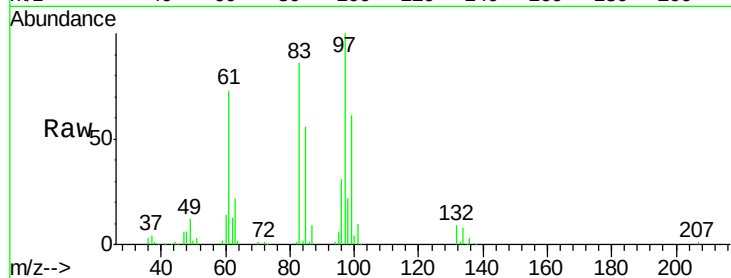
#55
 1,1,2-Trichloroethane
 Concen: 53.748 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	94926
Ion	Ratio	Lower	Upper
97	100		
83	86.5	73.7	110.5
85	56.0	48.5	72.7
99	61.4	50.8	76.2

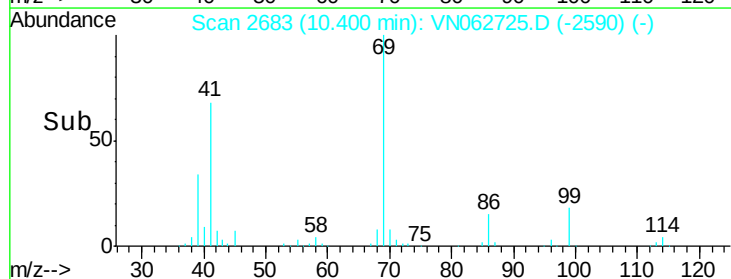
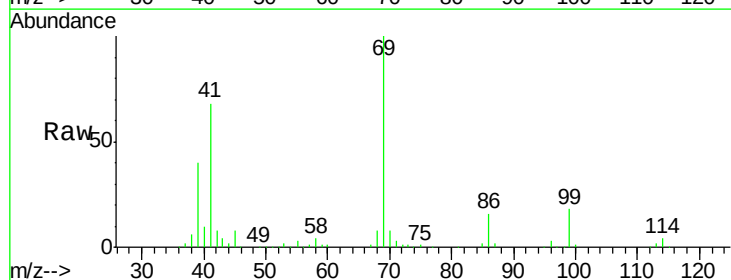
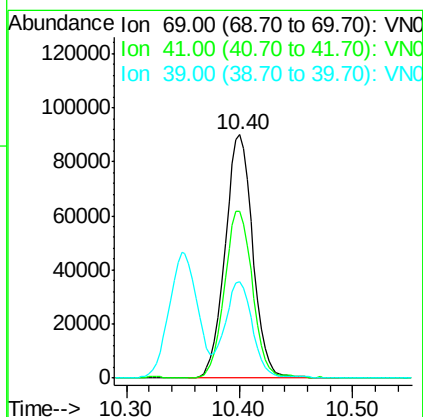
Manual Integrations
 APPROVED

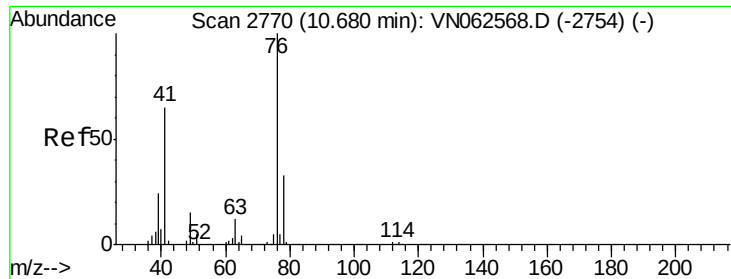
MMDadoda
 8/4/2020 1:52:22 PM



#56
 Ethyl methacrylate
 Concen: 48.361 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion:	69	Resp:	153177
Ion	Ratio	Lower	Upper
69	100		
41	68.6	57.2	85.8
39	39.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 52.583 ug/l

RT: 10.68 min Scan# 2769

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 170137

Ion Ratio Lower Upper

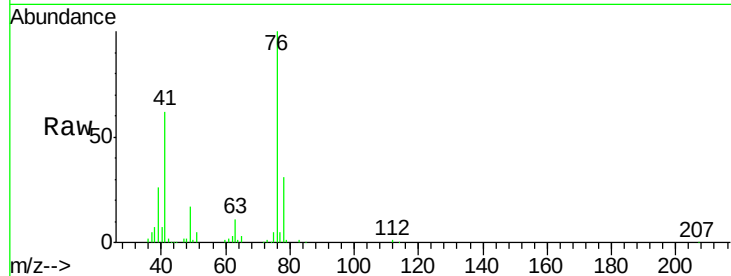
76 100

78 31.8 26.3 39.5

Manual Integrations
APPROVED

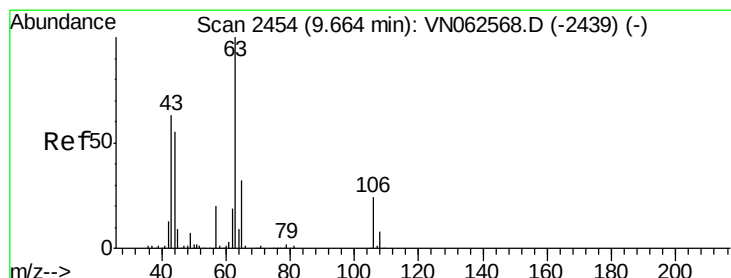
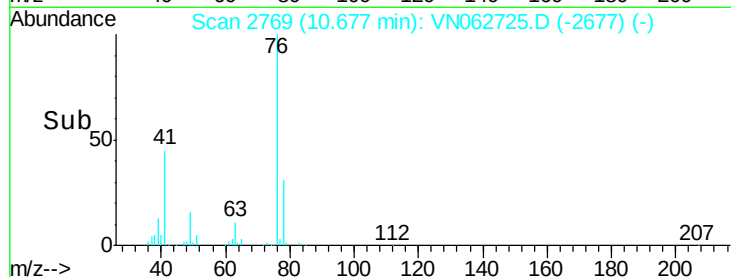
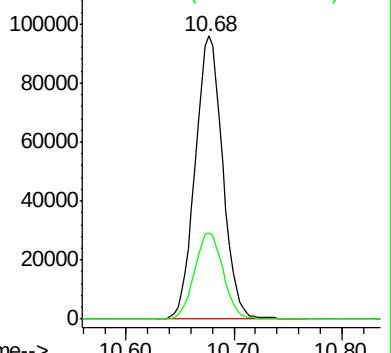
MMDadoda

8/4/2020 1:52:22 PM



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 252.153 ug/l

RT: 9.66 min Scan# 2453

Delta R.T. -0.00 min

Lab File: VN062725.D

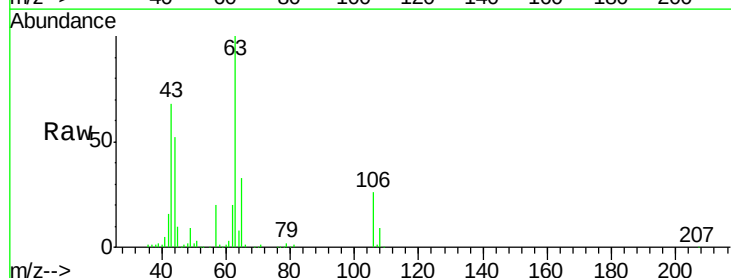
Acq: 3 Aug 2020 9:21

Tgt Ion: 63 Resp: 241137

Ion Ratio Lower Upper

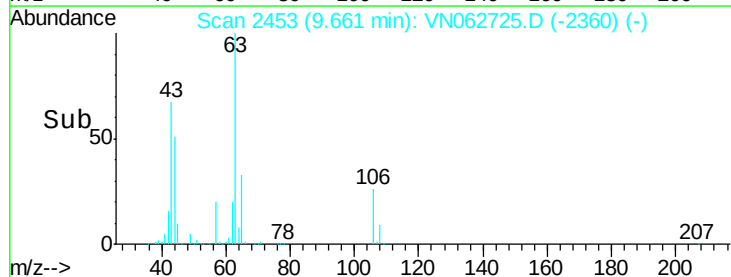
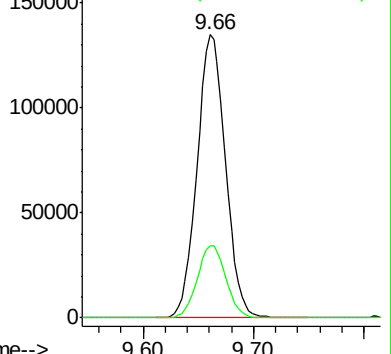
63 100

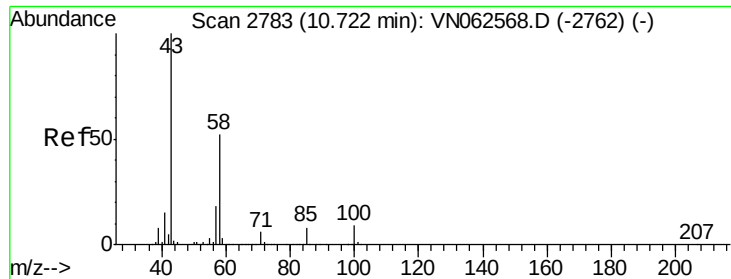
106 25.6 18.9 28.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





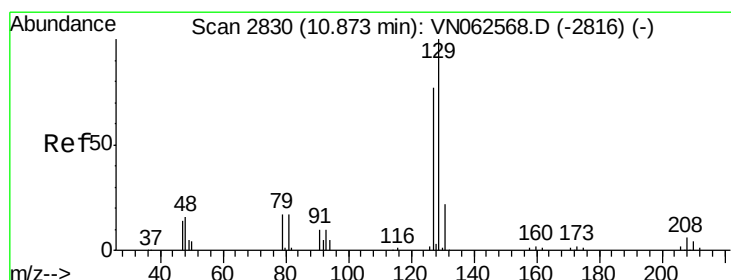
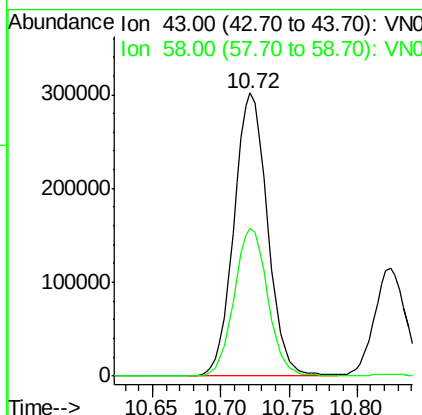
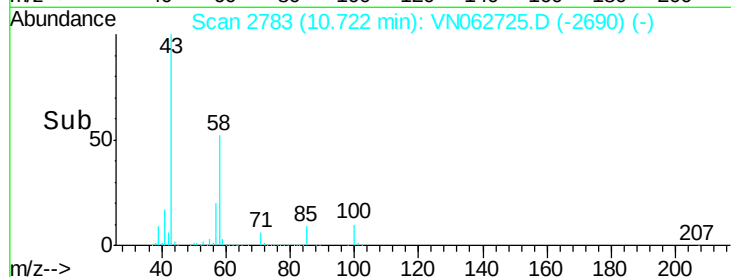
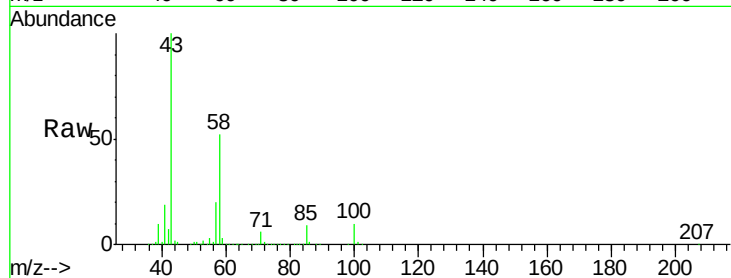
#59
2-Hexanone
Concen: 246.478 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 513253
Ion Ratio Lower Upper
43 100
58 52.4 26.0 78.0

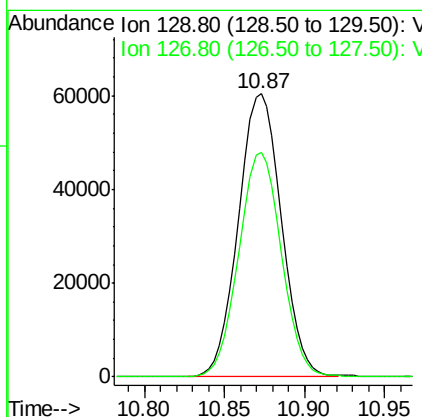
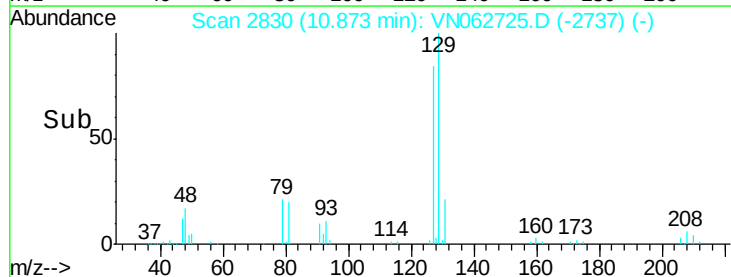
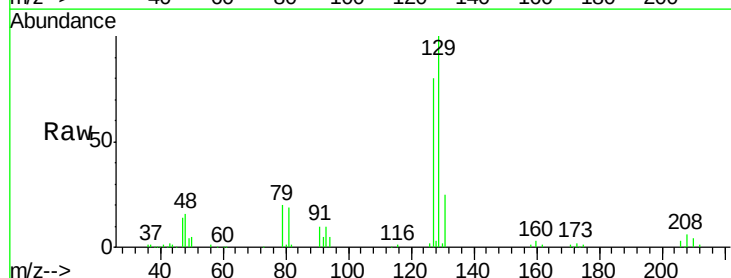
Manual Integrations
APPROVED

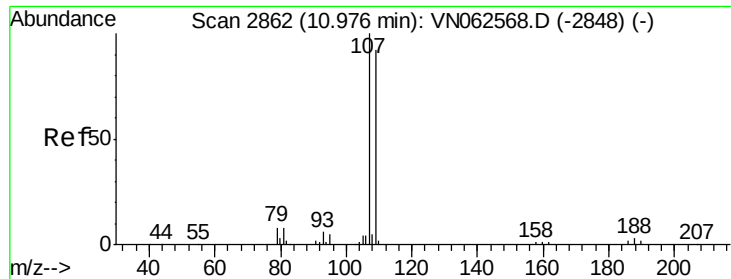
MMDadoda
8/4/2020 1:52:22 PM



#60
Dibromochloromethane
Concen: 56.299 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion: 129 Resp: 110926
Ion Ratio Lower Upper
129 100
127 78.4 38.0 113.9





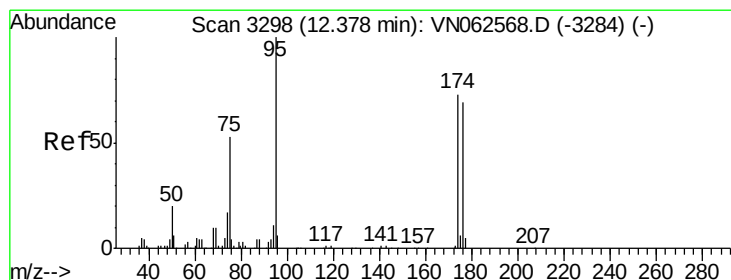
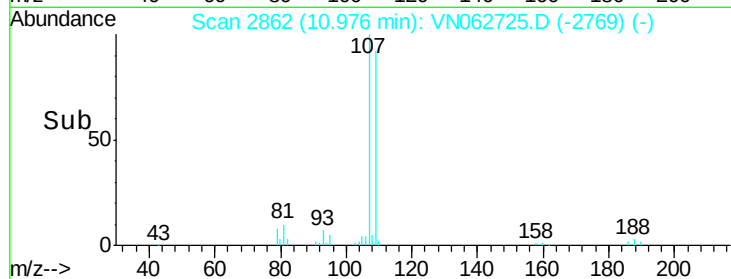
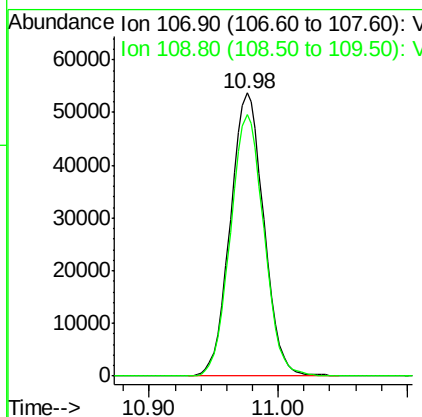
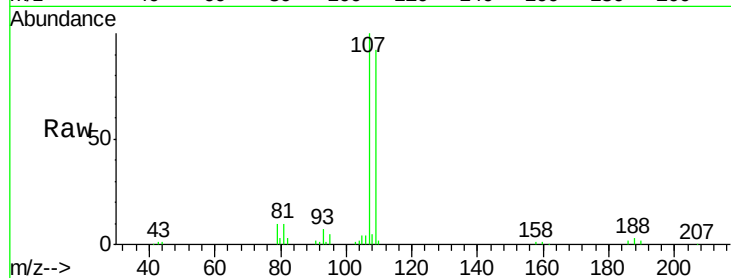
#61
 1,2-Dibromoethane
 Concen: 52.577 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.7	73.8	110.6

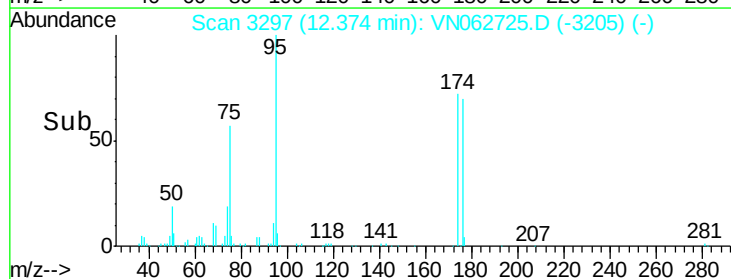
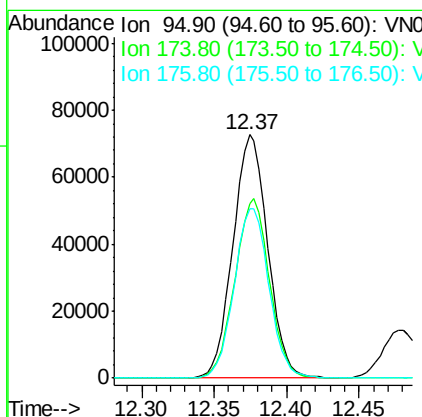
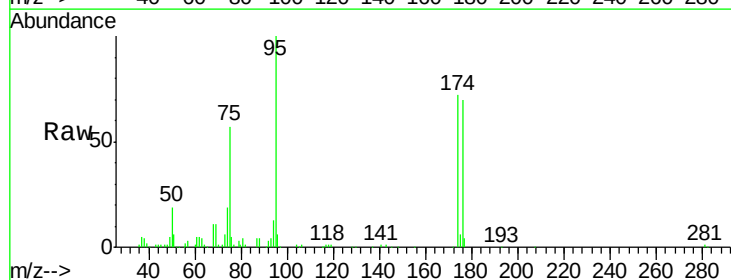
Manual Integrations
 APPROVED

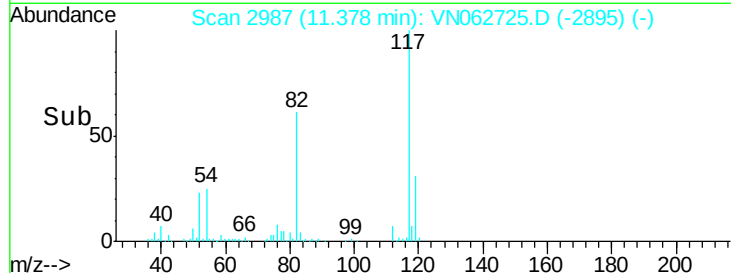
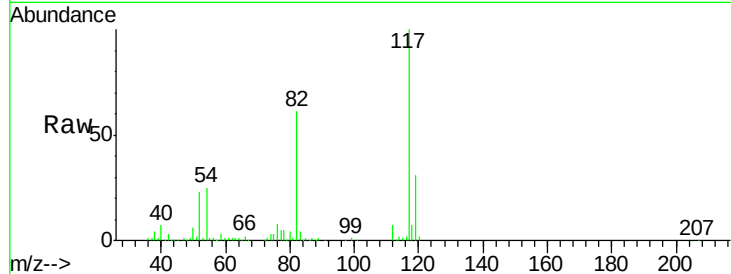
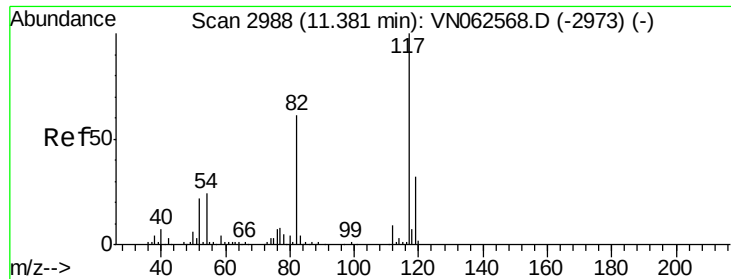
MMDadoda
 8/4/2020 1:52:22 PM



#62
 4-Bromofluorobenzene
 Concen: 51.839 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	144.6
176	70.0	0.0	139.4





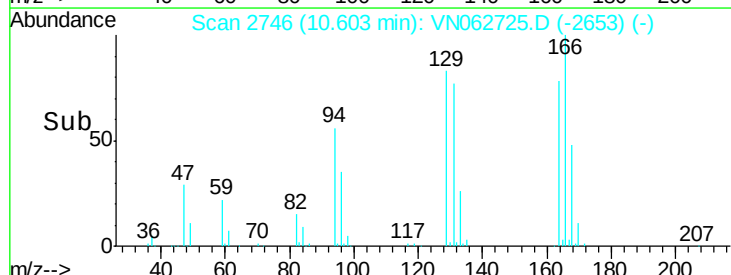
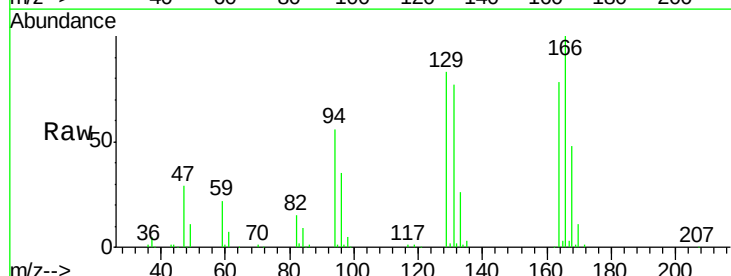
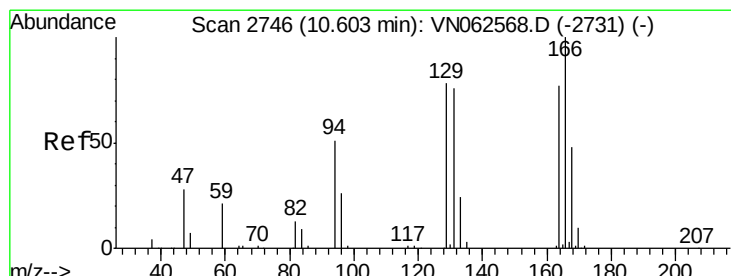
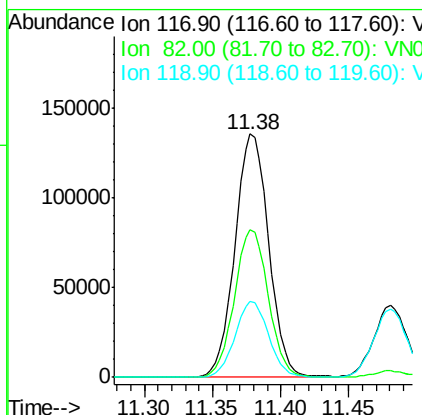
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tot Ion	Ratio	Resp	Lower	Upper
117	100	233575		
82	60.9	49.0	73.6	
119	31.0	25.4	38.2	

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

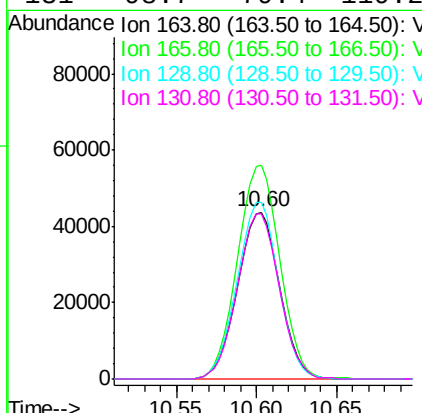
Manual Integrations
APPROVED

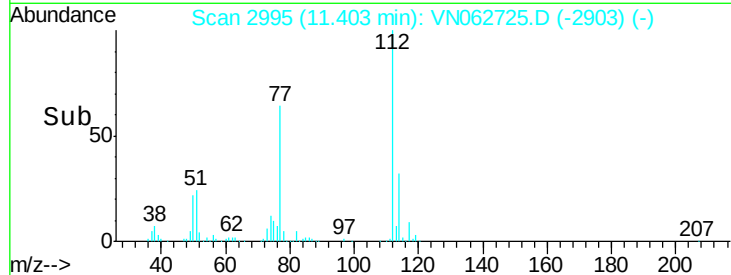
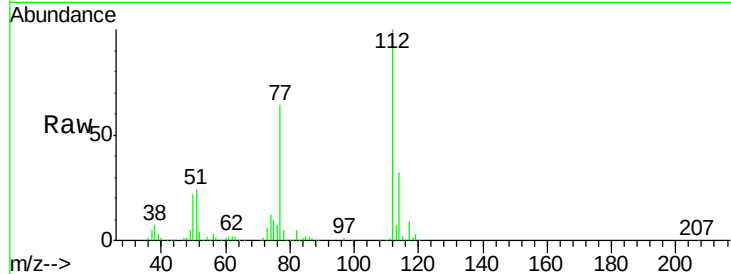
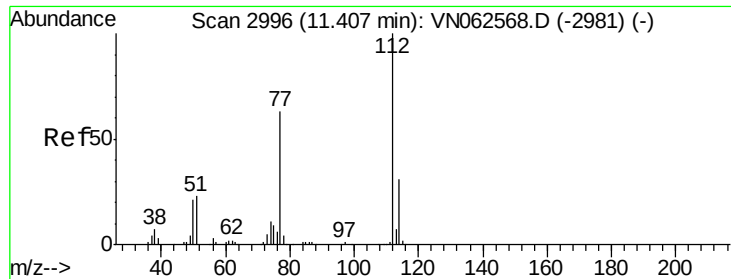
MMDadoda
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#64
Tetrachloroethene
Concen: 51.635 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	78362		
166	127.9	104.4	156.6	
129	106.2	81.0	121.4	
131	98.7	79.4	119.2	





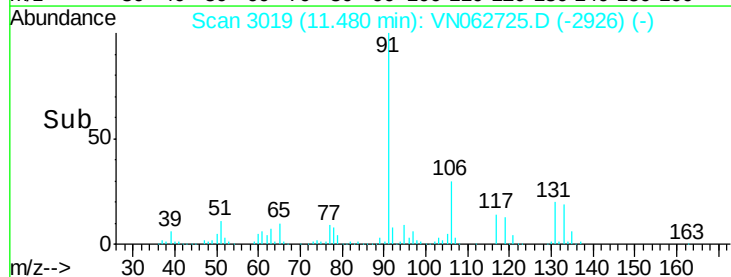
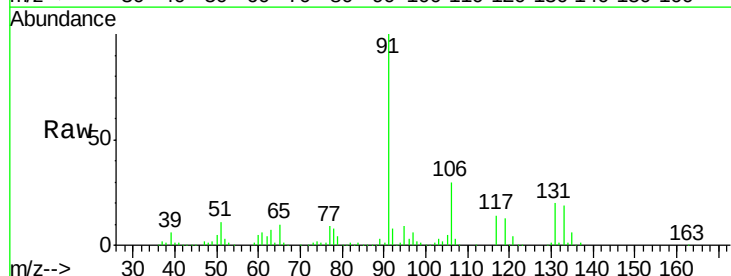
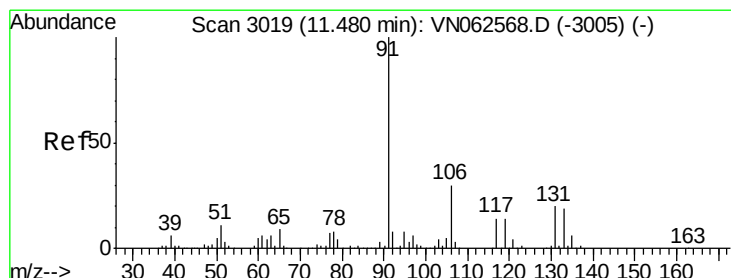
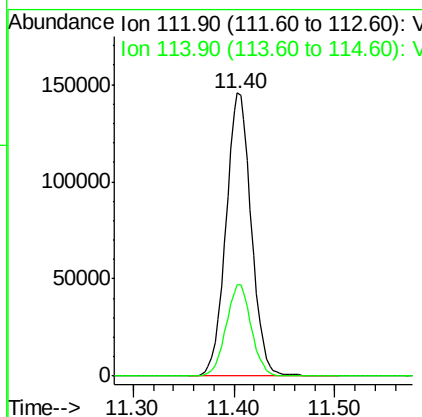
#65
Chlorobenzene
Concen: 51.933 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tot Ion:112 Resp: 254304
Ion Ratio Lower Upper
112 100
114 32.1 25.1 37.7

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

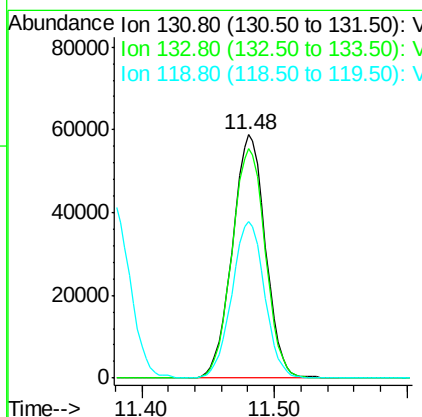
Manual Integrations
APPROVED

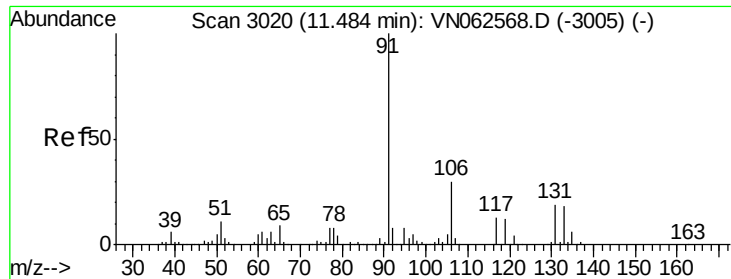
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.251 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion:131 Resp: 101781
Ion Ratio Lower Upper
131 100
133 95.5 47.3 142.0
119 63.8 33.7 101.0





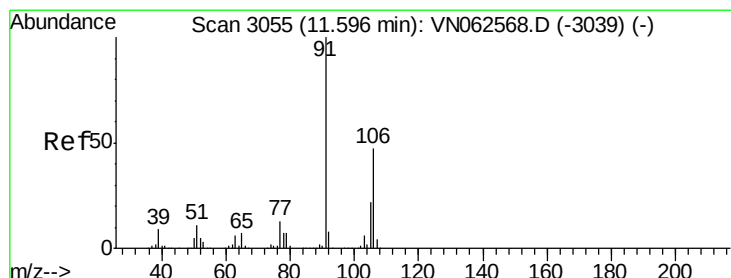
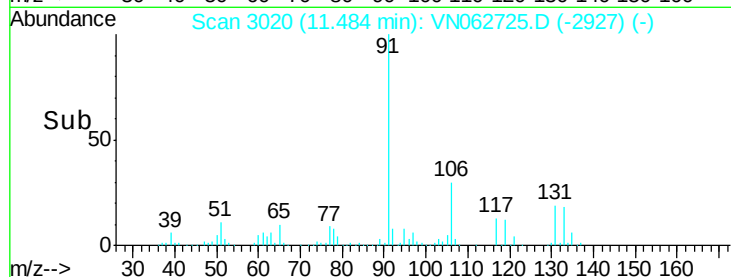
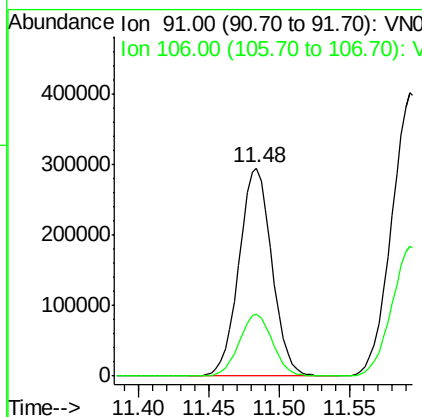
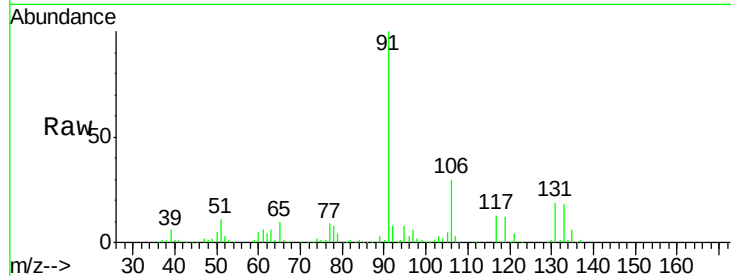
#67
Ethyl Benzene
Concen: 53.767 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 482733
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.8

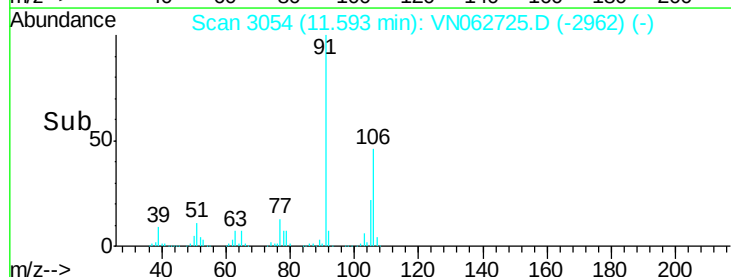
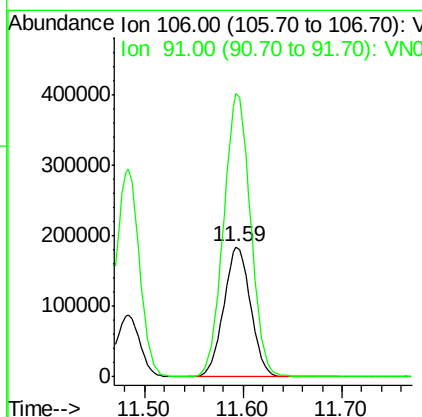
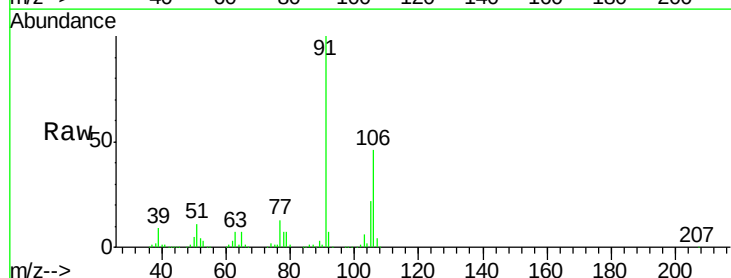
Manual Integrations
APPROVED

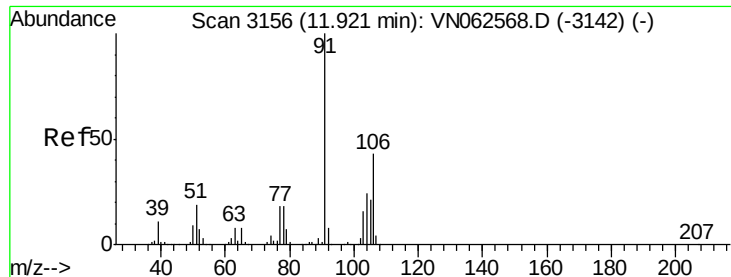
MMDadoda
8/4/2020 1:52:22 PM



#68
m/p-Xylenes
Concen: 109.025 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion: 106 Resp: 351829
Ion Ratio Lower Upper
106 100
91 218.2 171.4 257.2





#69

o-Xylene

Concen: 55.043 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:106 Resp: 168672

Ion Ratio Lower Upper

106 100

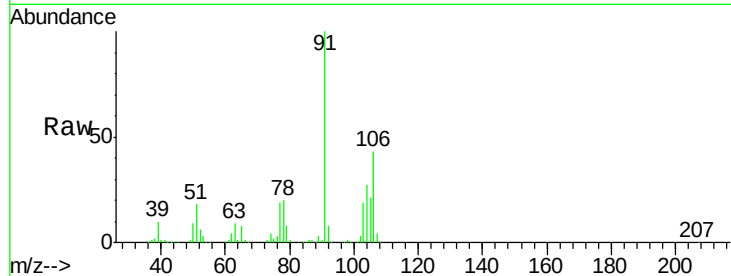
91 231.8 113.8 341.2

Manual Integrations

APPROVED

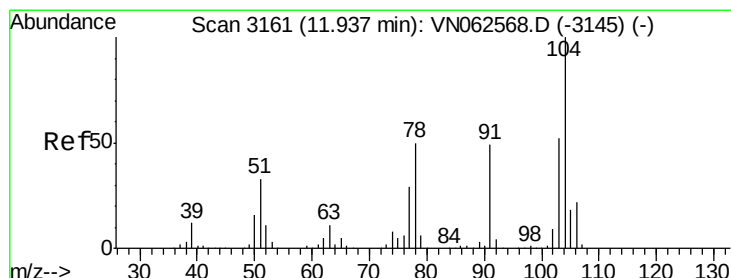
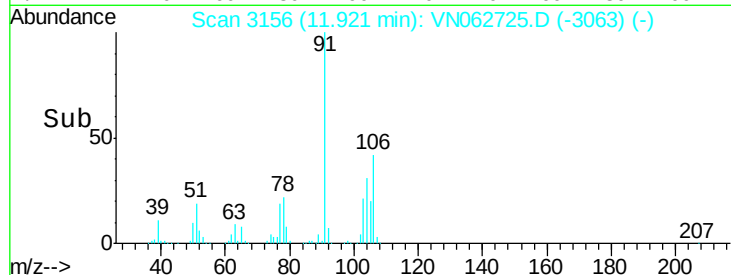
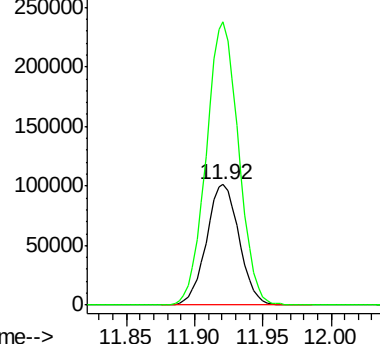
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#70

Styrene

Concen: 57.407 ug/l

RT: 11.94 min Scan# 3161

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

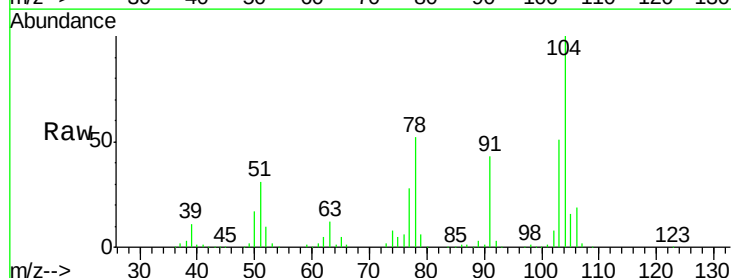
Tgt Ion:104 Resp: 297170

Ion Ratio Lower Upper

104 100

78 56.8 43.8 65.6

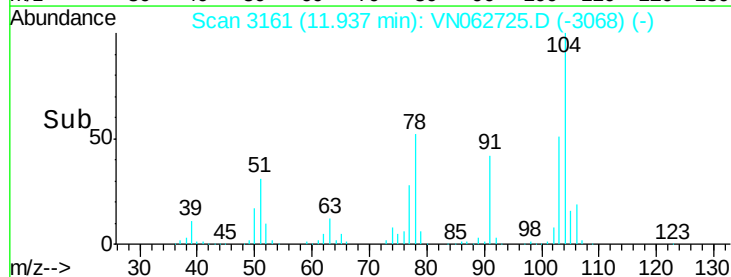
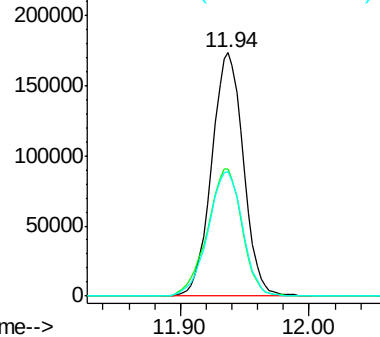
103 55.4 44.0 66.0

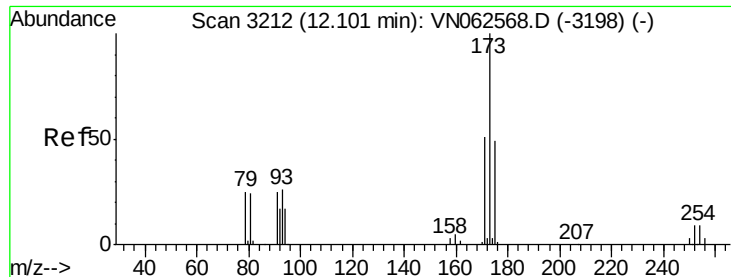


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V





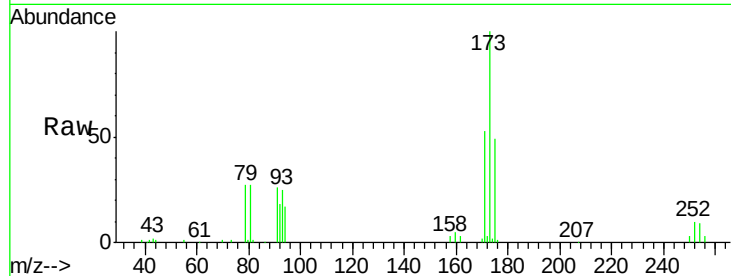
#71
Bromoform
Concen: 56.986 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

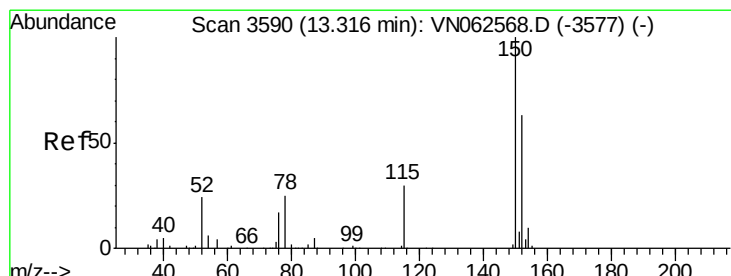
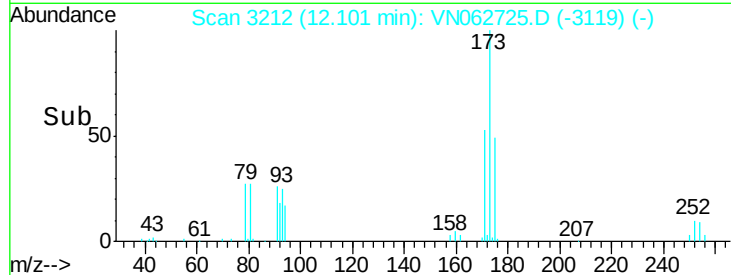
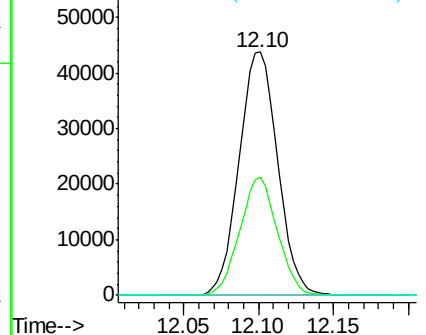
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations
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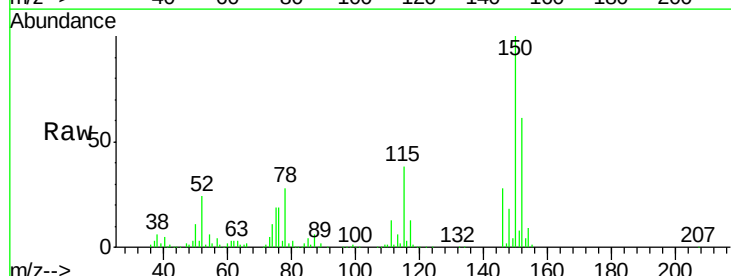


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

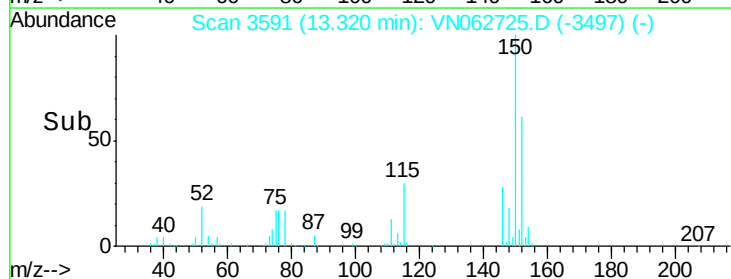
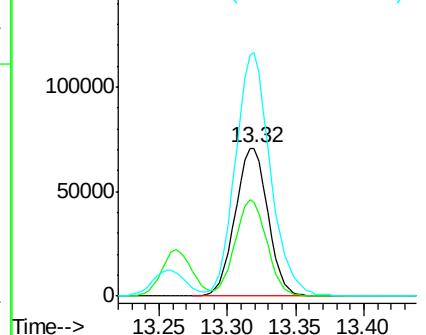


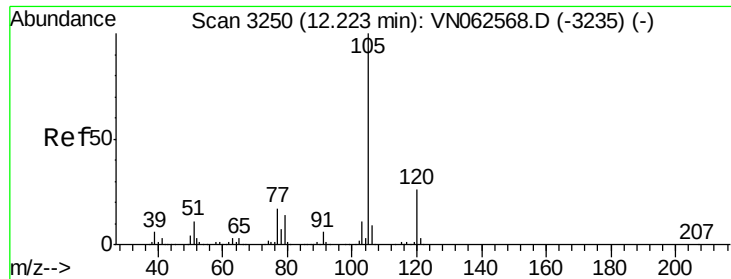
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.5	31.8	95.4
150	176.1	0.0	351.4



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: 50.746 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 472737

Ion Ratio Lower Upper

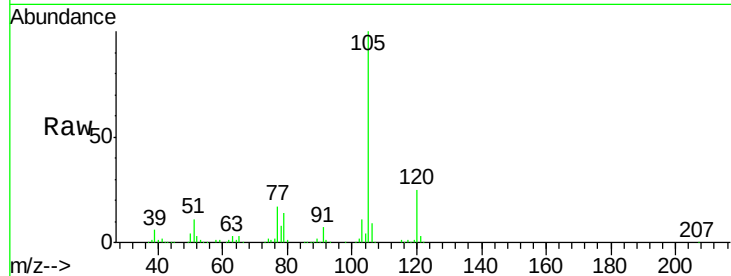
105 100

120 24.9 12.8 38.4

Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

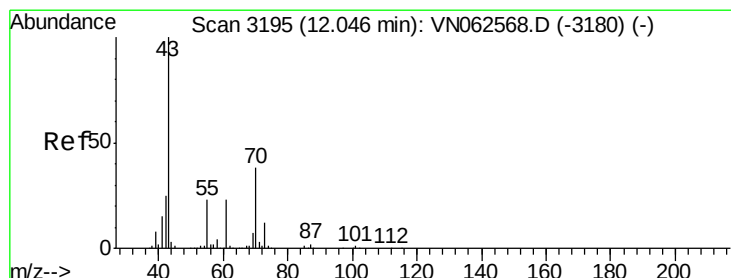
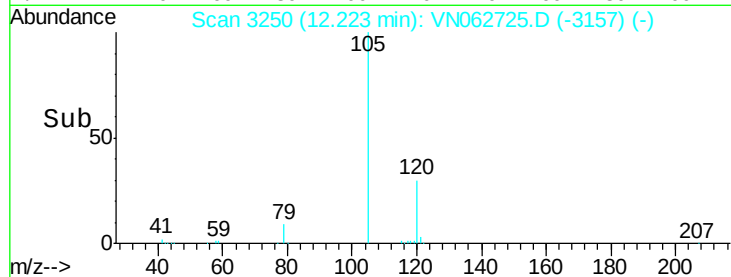
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 46.737 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Tgt Ion: 43 Resp: 194441

Ion Ratio Lower Upper

43 100

70 40.4 30.5 45.7

55 25.0 19.0 28.6

61 23.3 18.4 27.6

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.04

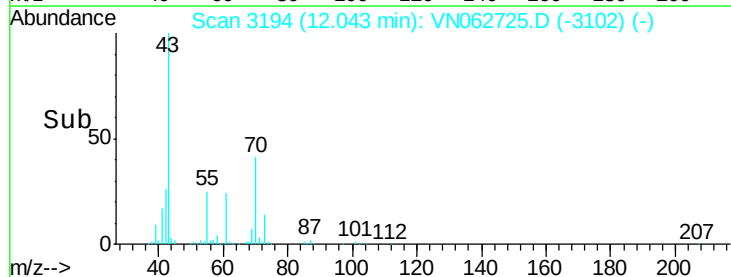
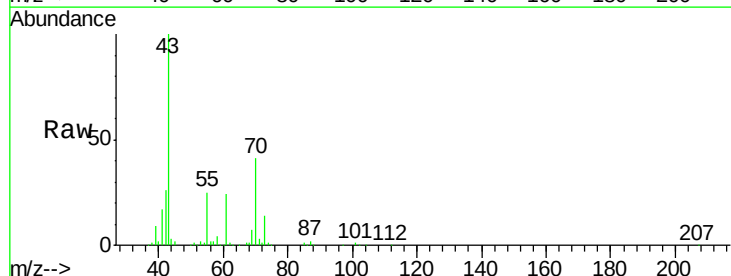
150000

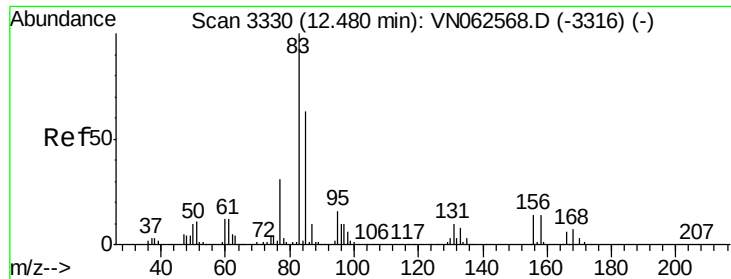
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 43.268 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

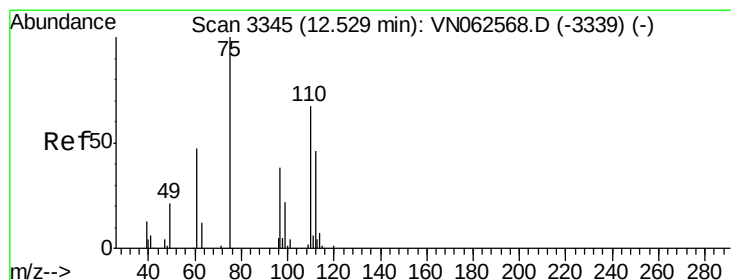
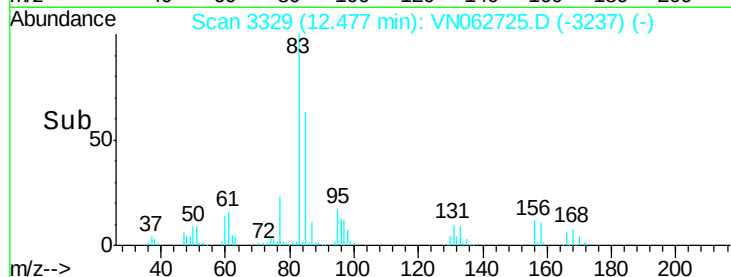
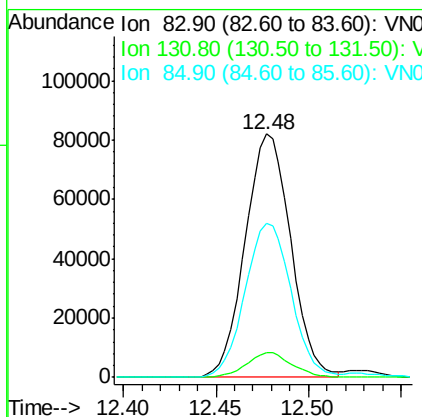
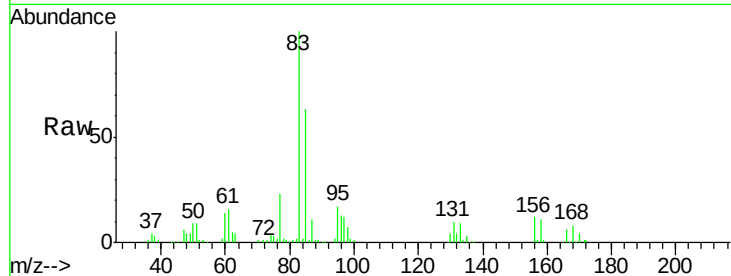
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	140067
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.8	14.3
85	64.2	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 45.981 ug/l m

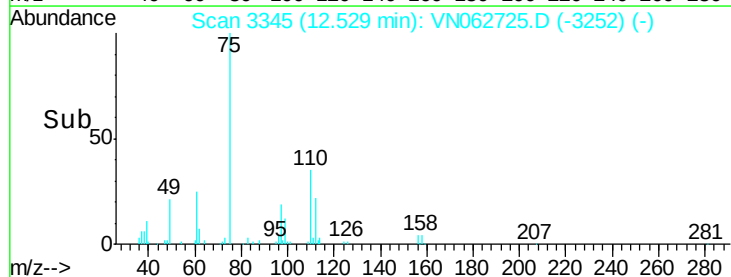
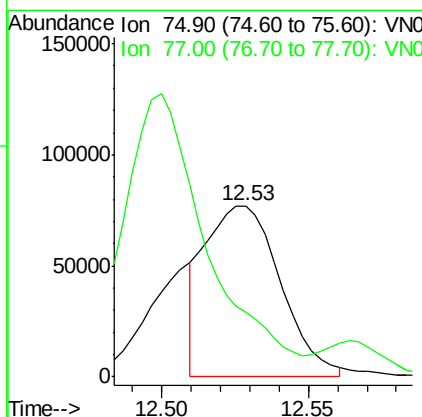
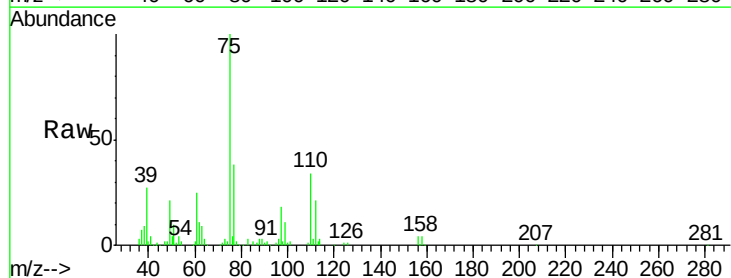
RT: 12.53 min Scan# 3345

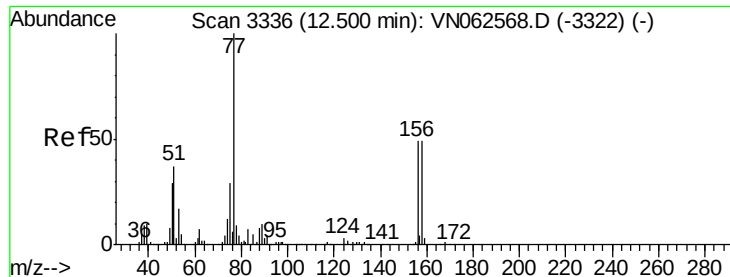
Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Tgt Ion:	75	Resp:	137888
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.845 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

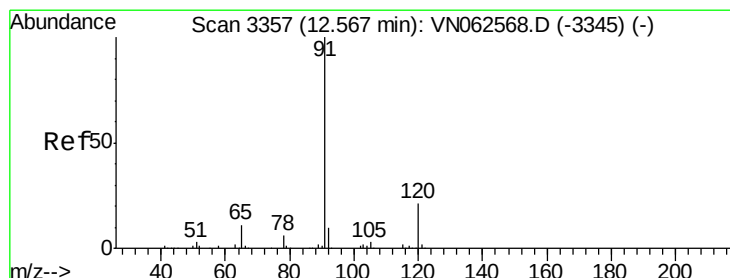
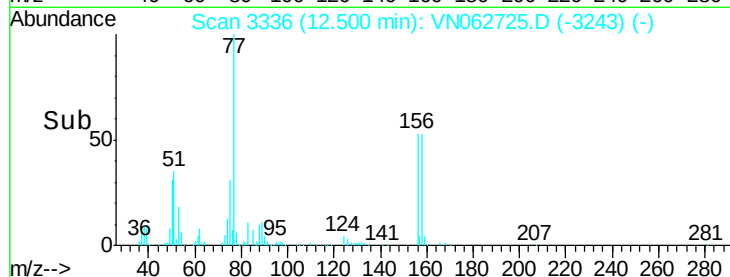
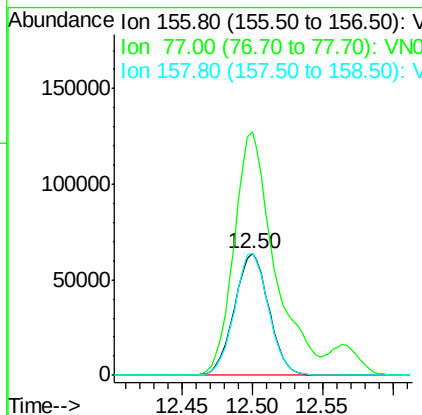
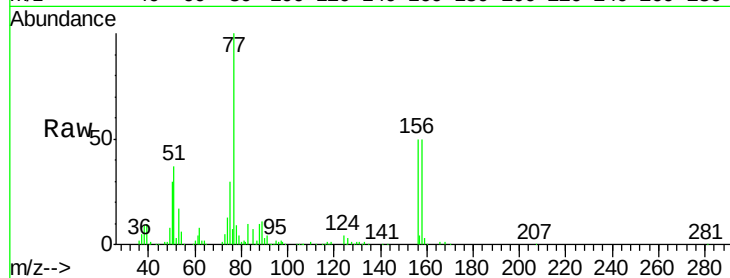
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	109351
Ion Ratio	Lower	Upper	
156	100		
77	233.3	122.8	368.3
158	98.9	49.4	148.0

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#78

n-propylbenzene

Concen: 50.896 ug/l

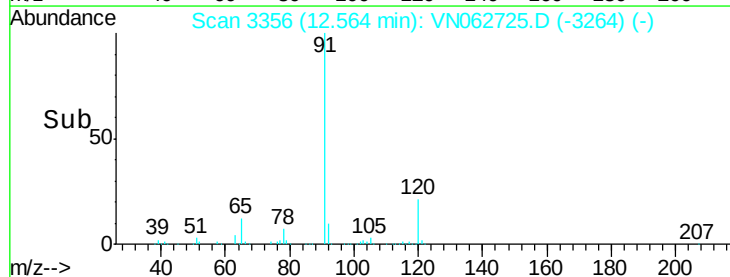
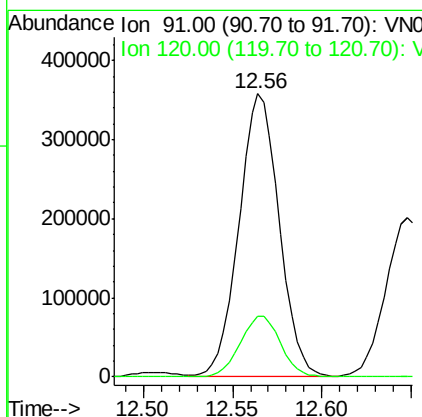
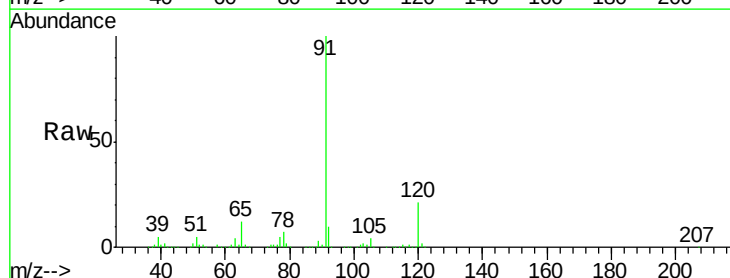
RT: 12.56 min Scan# 3356

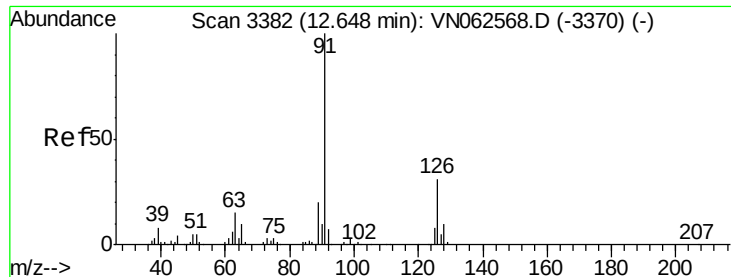
Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Tgt Ion:	91	Resp:	555385
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.9	32.6





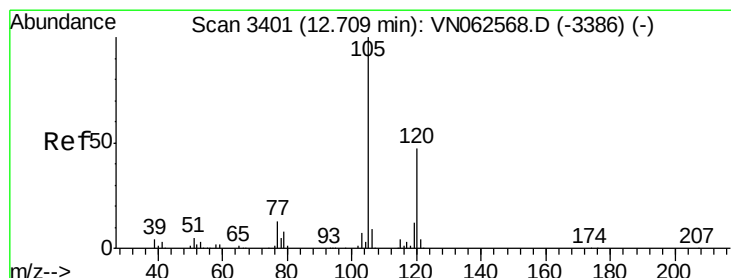
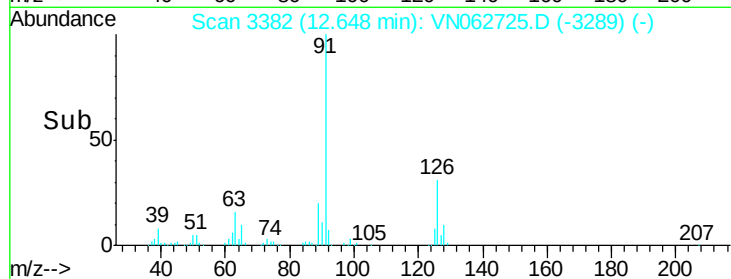
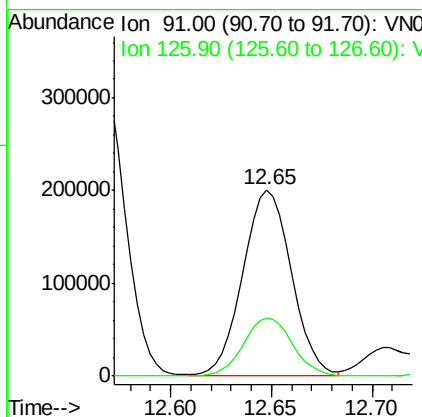
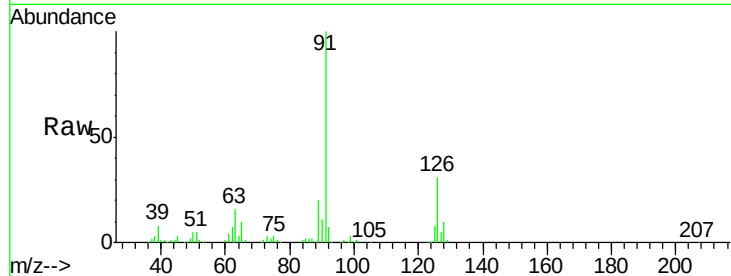
#79
 2-Chlorotoluene
 Concen: 50.010 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.9	47.6

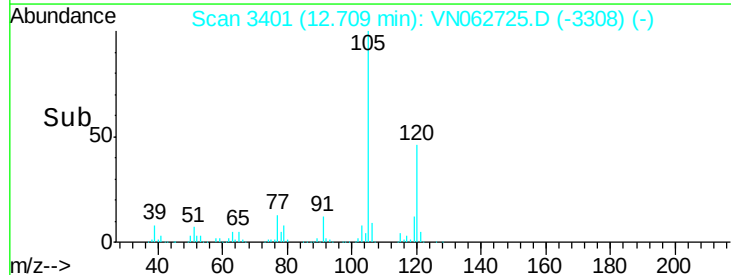
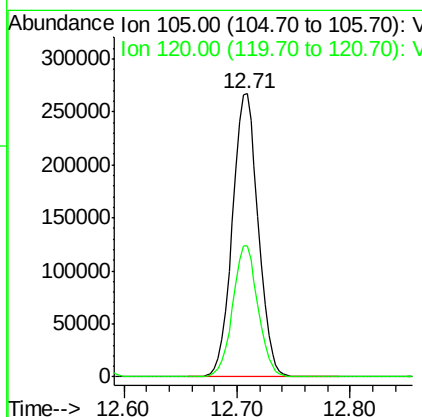
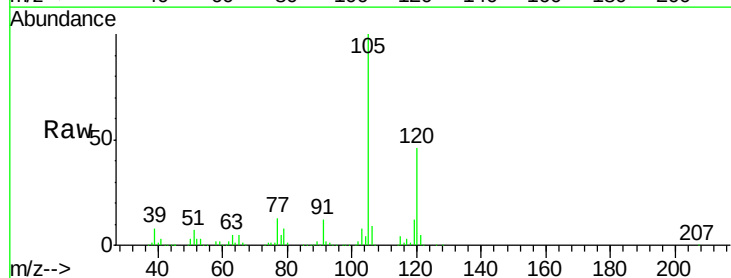
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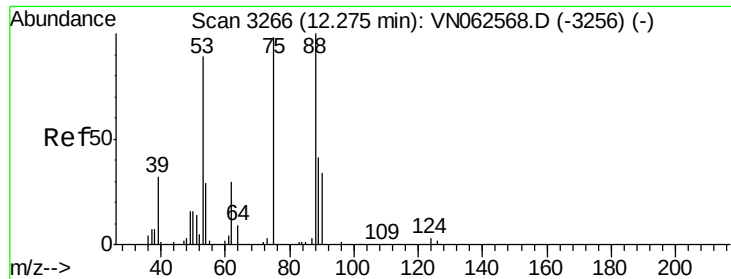
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.699 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	23.2	69.6





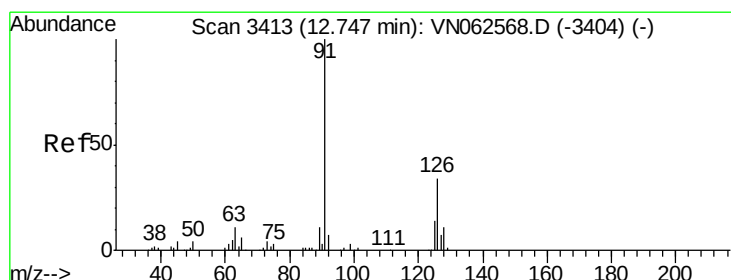
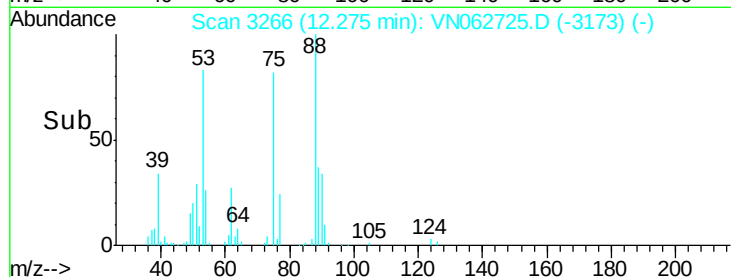
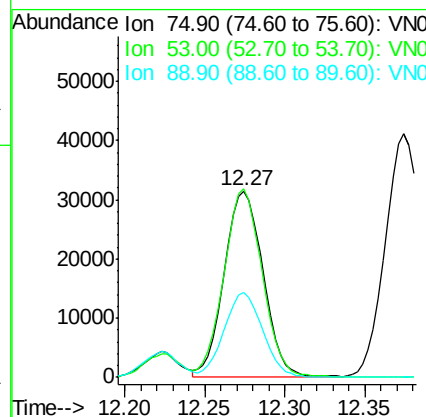
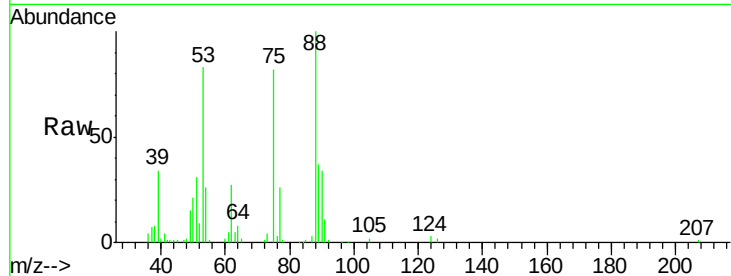
#81
trans-1,4-Dichloro-2-butene
Concen: 48.884 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.8	75.4	113.0
89	44.8	34.5	51.7

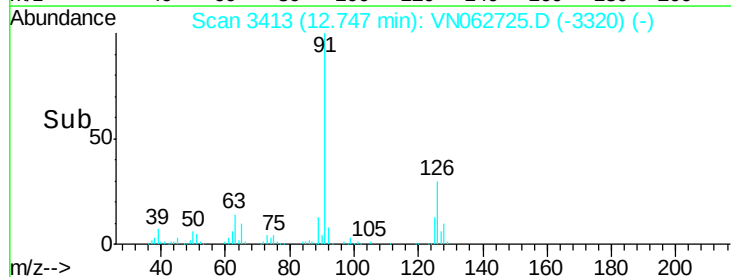
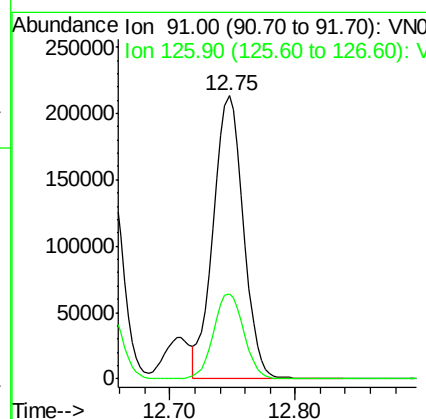
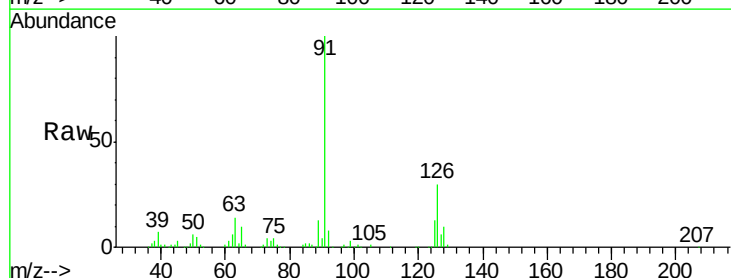
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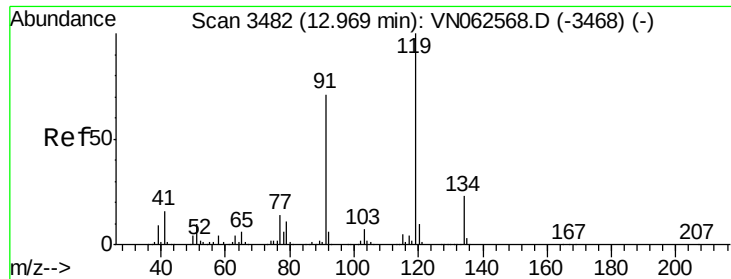
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#82
4-Chlorotoluene
Concen: 50.686 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.4	46.4





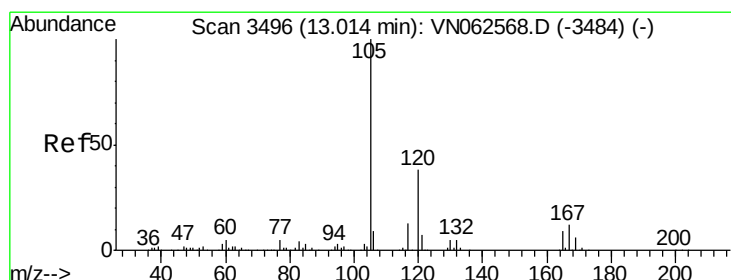
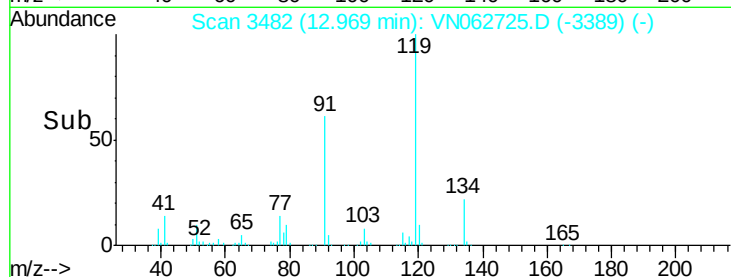
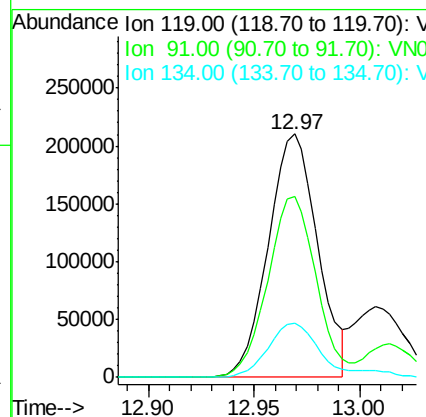
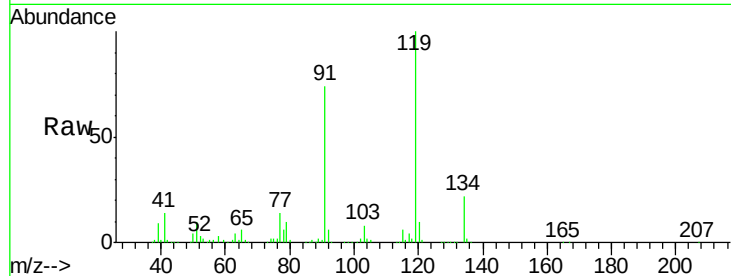
#83
tert-Butylbenzene
Concen: 53.311 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	73.0	34.6	103.8
134	22.8	11.5	34.4

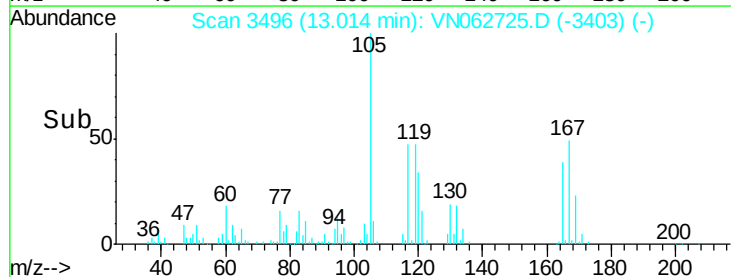
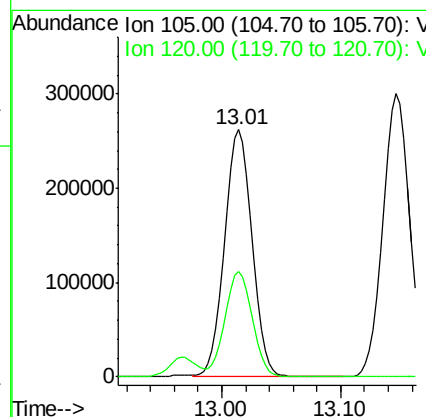
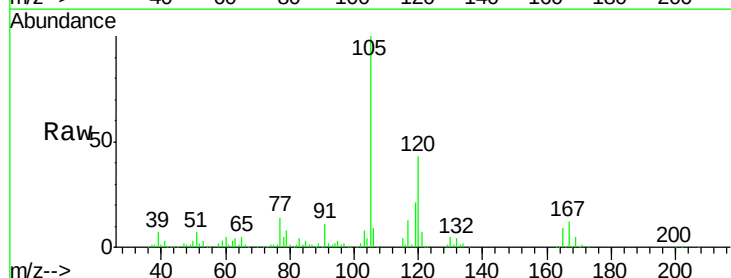
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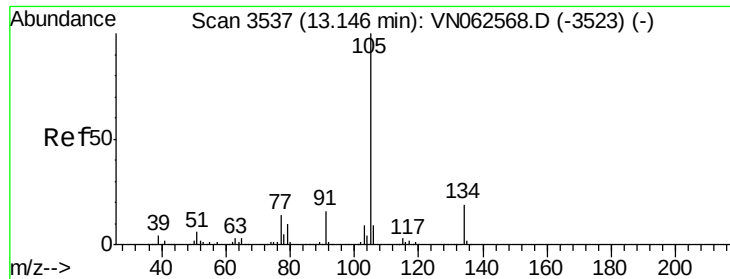
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#84
1,2,4-Trimethylbenzene
Concen: 55.243 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.1	66.3





#85

sec-Butylbenzene

Concen: 54.410 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 467402

Ion Ratio Lower Upper

105 100

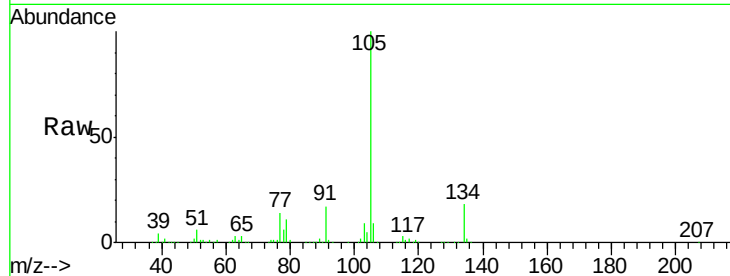
134 18.6 9.5 28.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

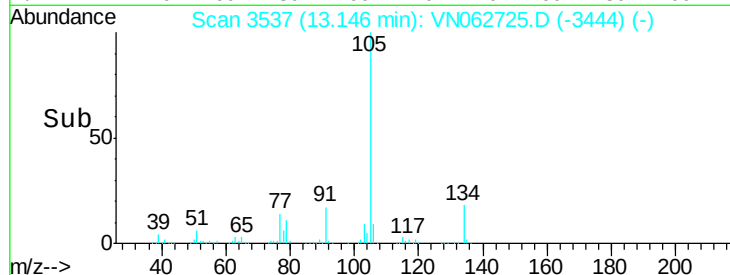
300000

200000

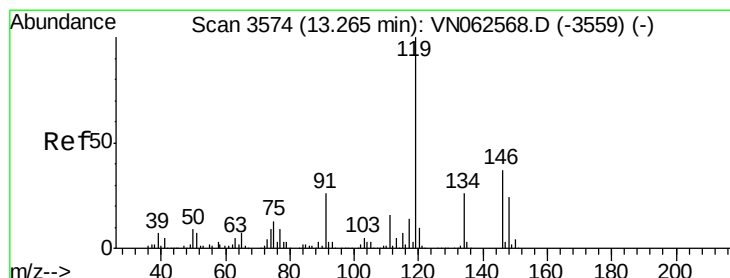
100000

0

Time-->



Time-->



#86

p-Isopropyltoluene

Concen: 57.957 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062725.D

Acq: 3 Aug 2020 9:21

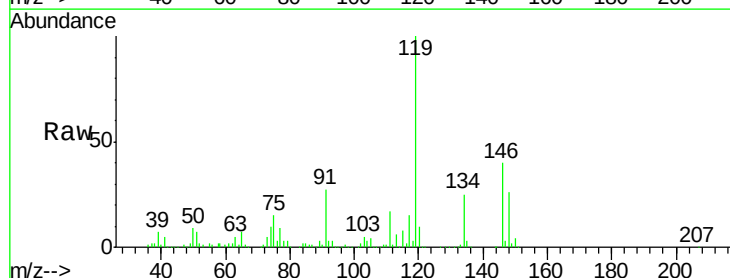
Tgt Ion:119 Resp: 428211

Ion Ratio Lower Upper

119 100

134 24.5 12.8 38.4

91 26.3 12.7 38.1



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

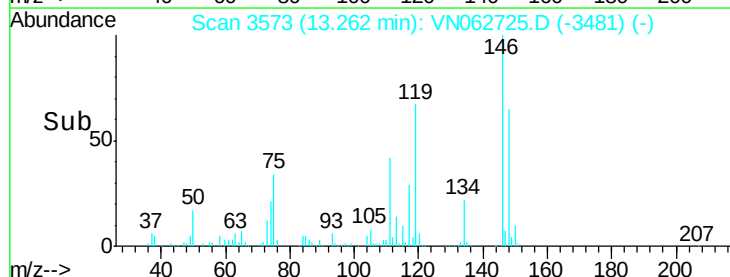
300000

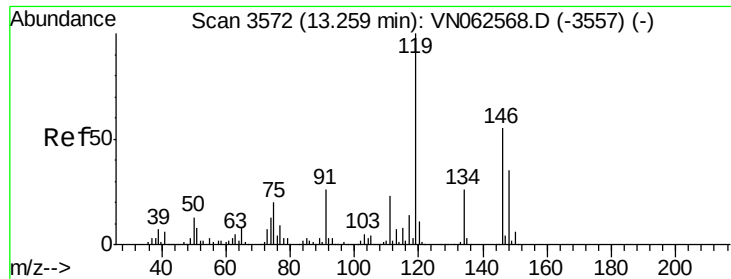
200000

100000

0

Time-->





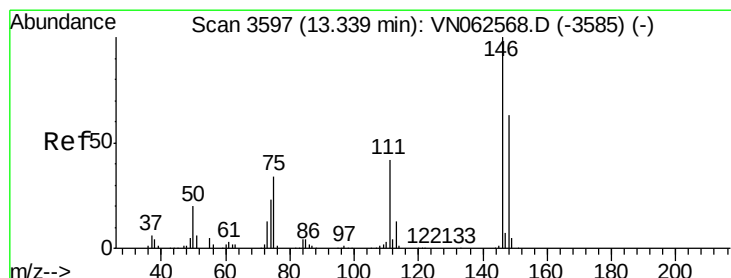
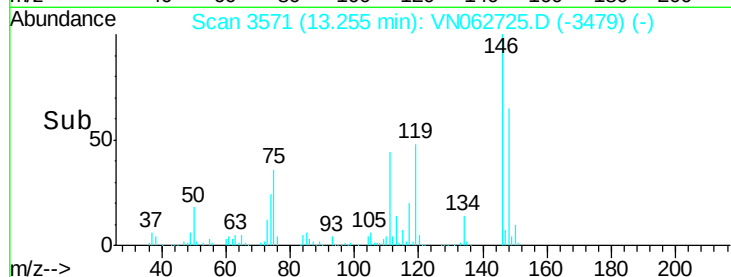
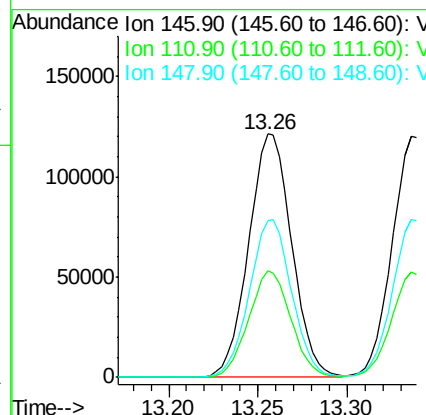
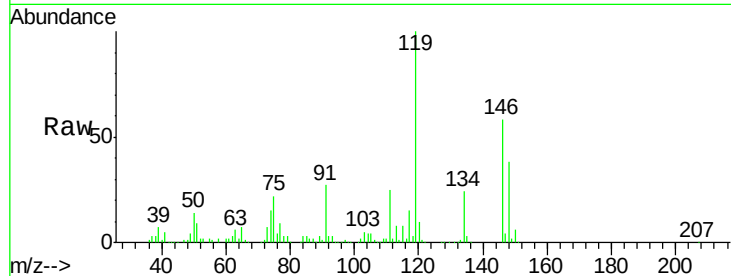
#87
 1,3-Dichlorobenzene
 Concen: 52.034 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.6	64.6
148	63.6	31.8	95.4

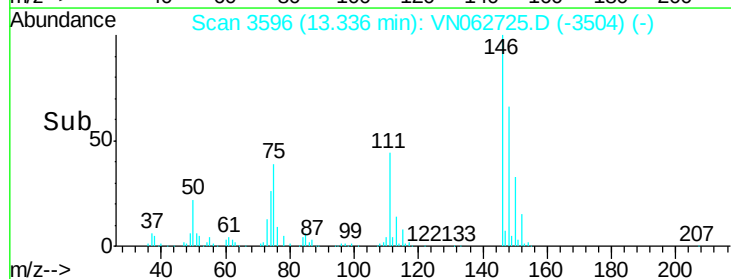
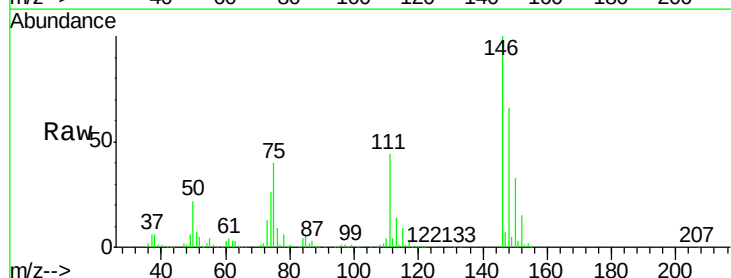
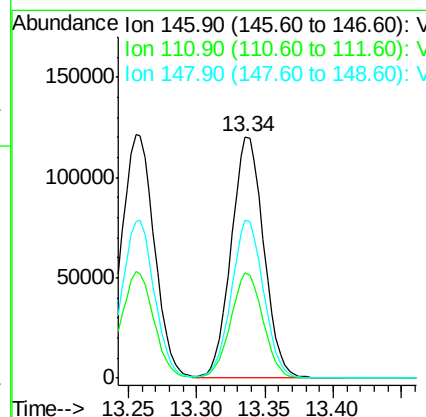
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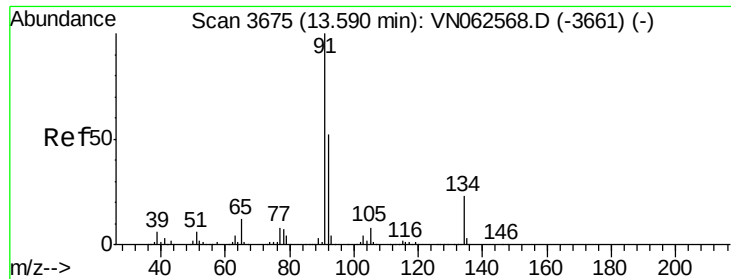
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#88
 1,4-Dichlorobenzene
 Concen: 51.542 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.1	63.1
148	65.3	31.6	94.8





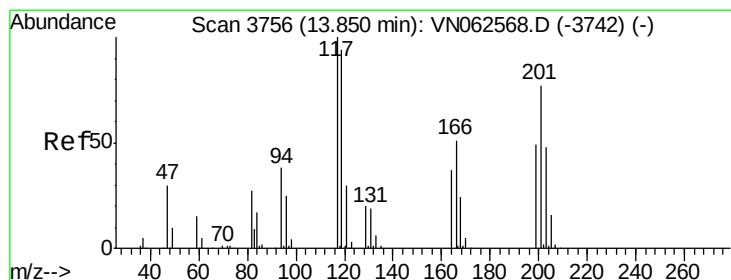
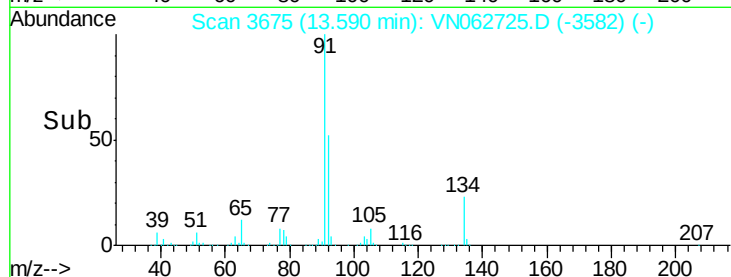
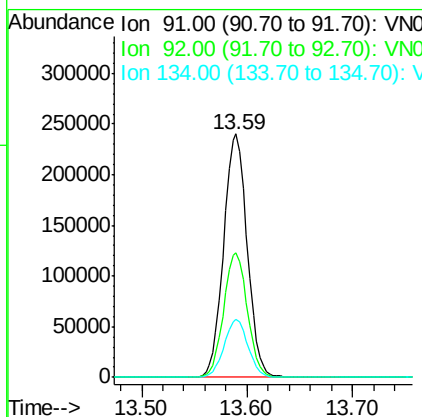
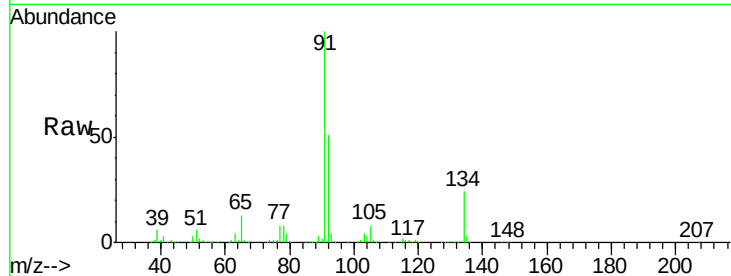
#89
n-Butylbenzene
Concen: 58.492 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.8	77.3
134	24.0	11.8	35.3

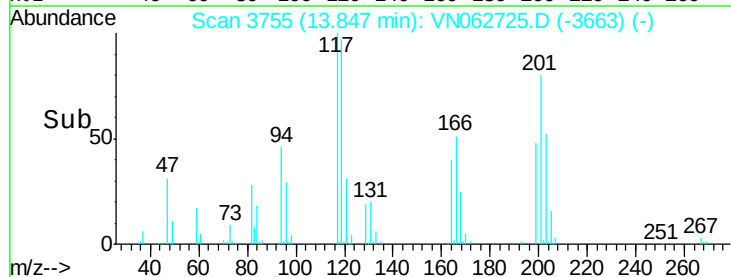
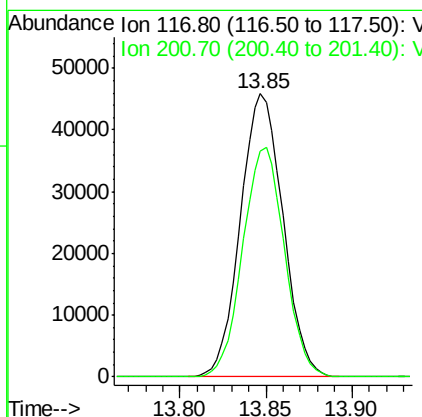
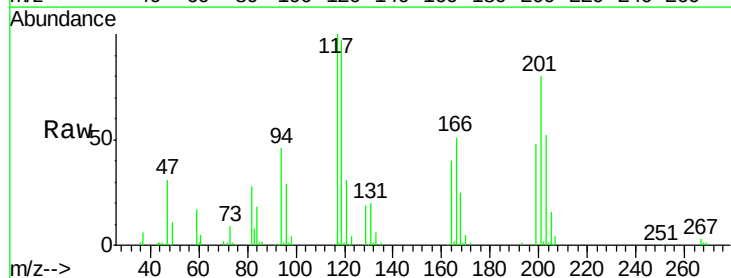
Manual Integrations
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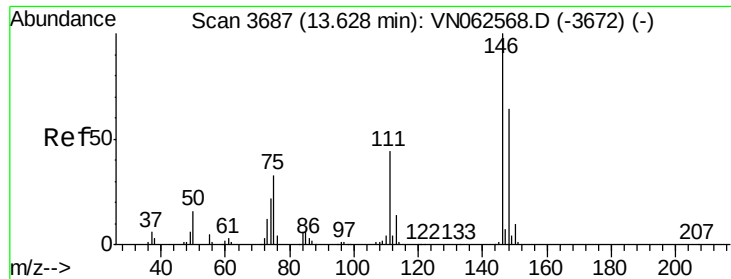
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#90
Hexachloroethane
Concen: 50.119 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.3	39.2	117.6





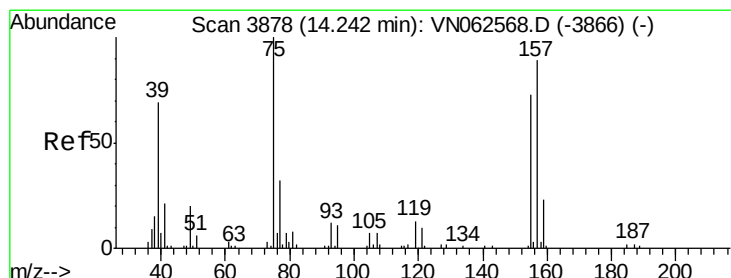
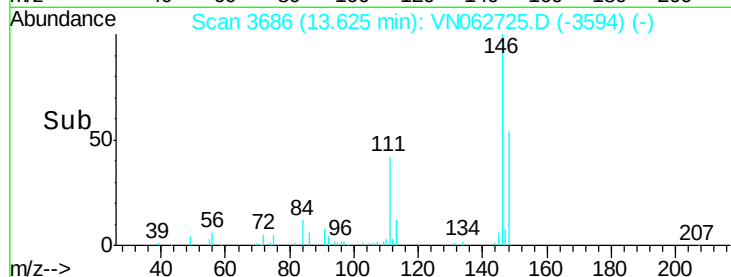
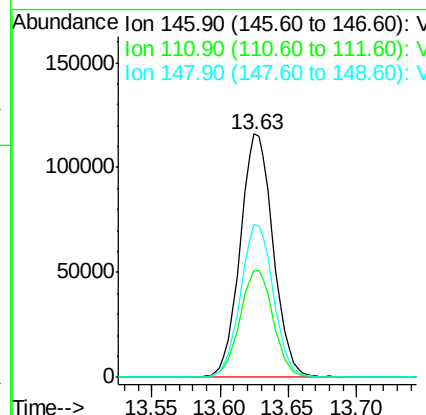
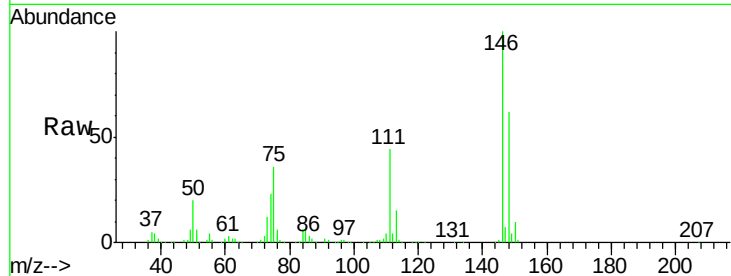
#91
 1,2-Dichlorobenzene
 Concen: 51.891 ug/l
 RT: 13.63 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.9	65.8
148	62.6	31.6	94.7

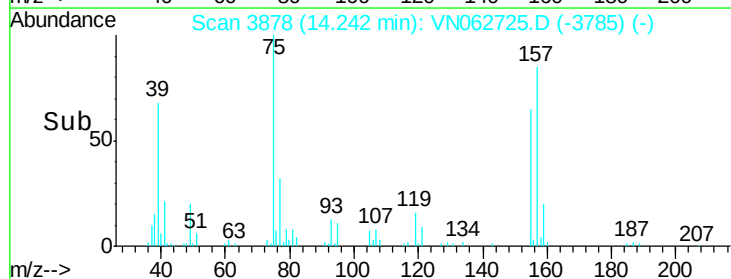
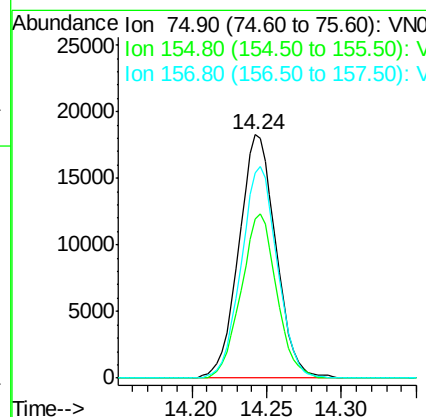
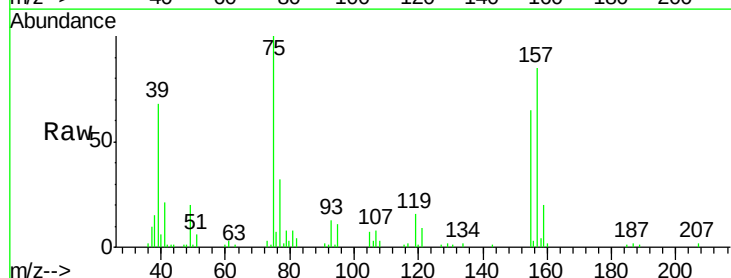
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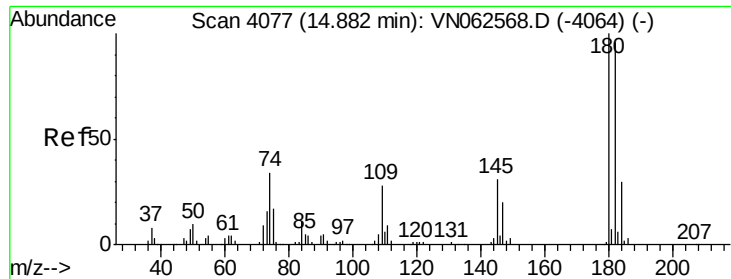
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.480 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	64.5	35.9	107.5
157	84.7	45.0	135.0





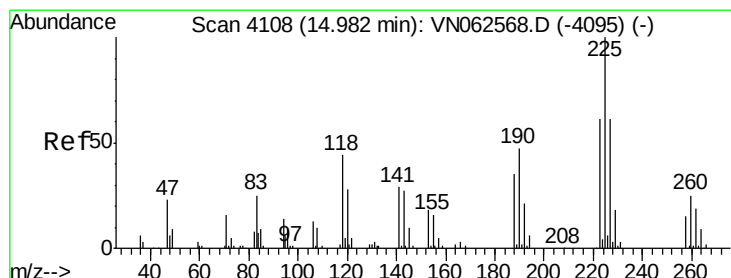
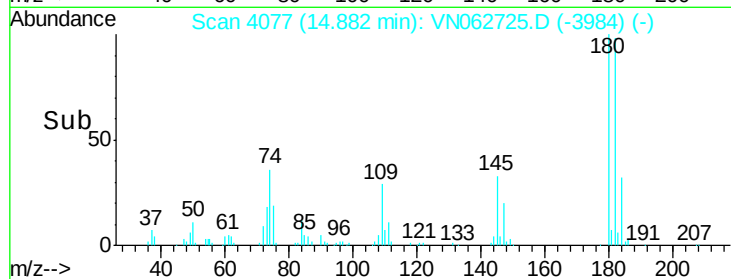
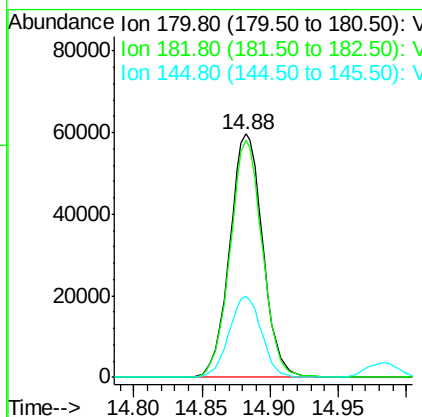
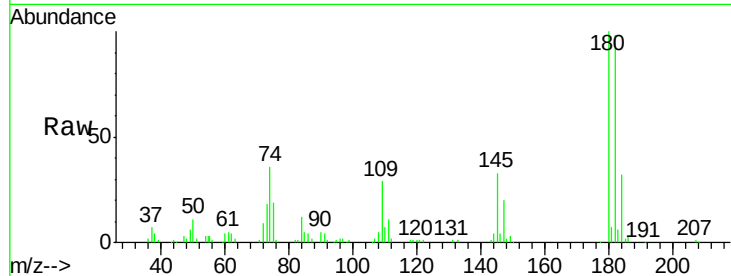
#93
 1,2,4-Trichlorobenzene
 Concen: 50.452 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.4	47.8	143.3	
145	32.7	15.3	45.9	

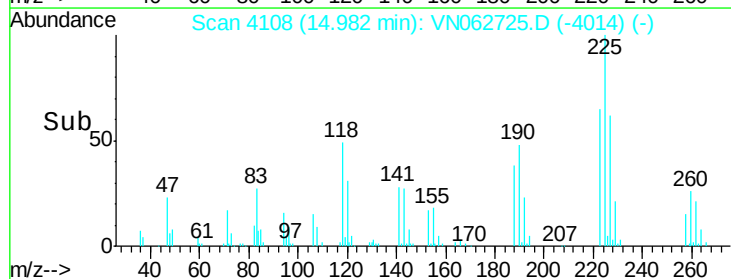
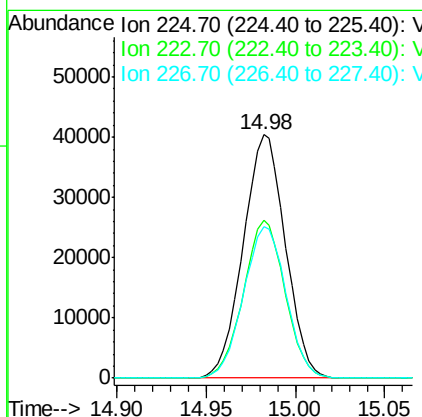
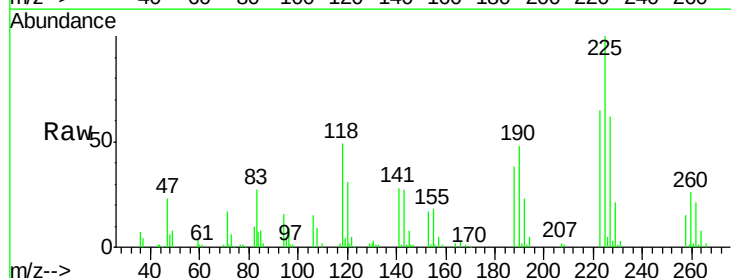
Manual Integrations
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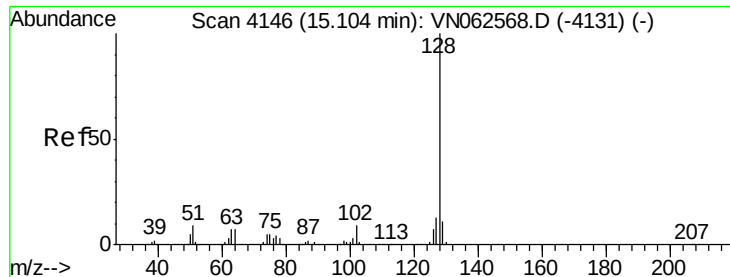
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#94
 Hexachlorobutadiene
 Concen: 65.849 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062725.D
 Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.0	32.0	96.0	
227	62.9	31.1	93.2	





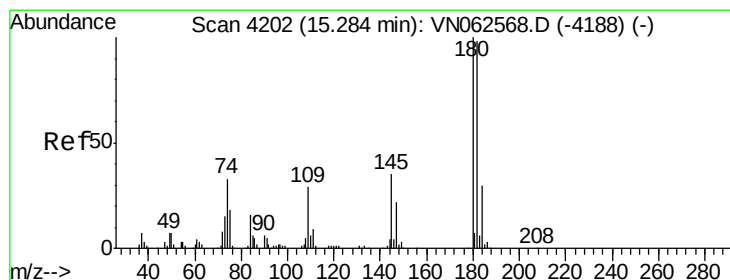
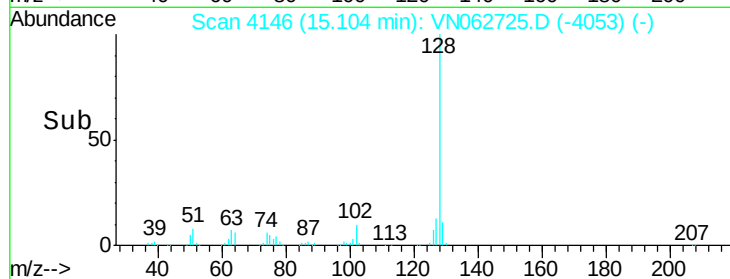
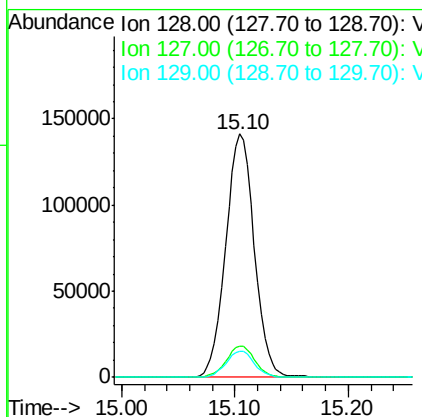
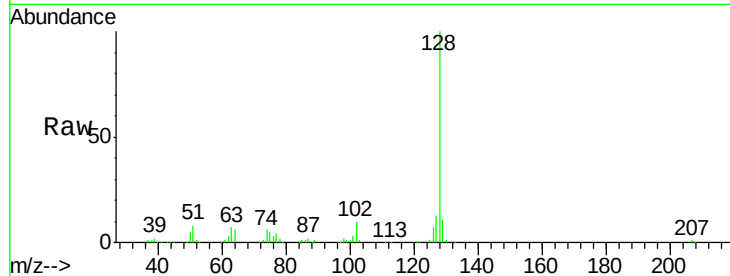
#95
Naphthalene
Concen: 47.625 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	248513		
127	12.8		10.4	15.6
129	10.7		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 56.480 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062725.D
Acq: 3 Aug 2020 9:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99988		
182	92.3		48.1	144.3
145	34.3		16.7	50.1

